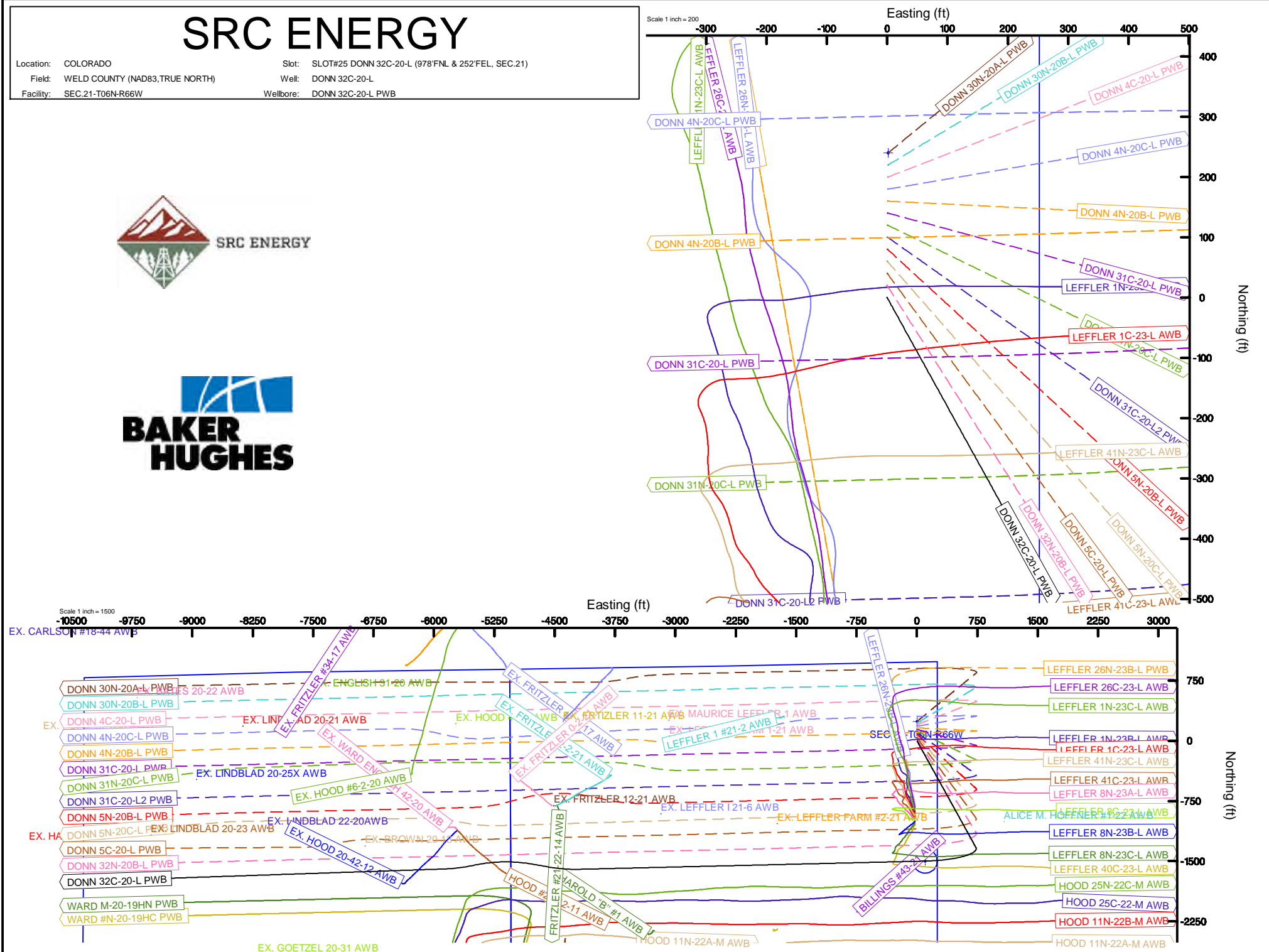


Location:	COLORADO	Slot:	SLOT#25 DONN 32C-20-L (978'FNL & 252'FEL, SEC.21)
Field:	WELD COUNTY (NAD83,TRUE NORTH)	Well:	DONN 32C-20-L
Facility:	SEC.21-T06N-R66W	Wellbore:	DONN 32C-20-L PWB



**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 1 of 190



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

REPORT SETUP INFORMATION			
Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 5.1
North Reference	True	User	Doddanna
Scale	0.999965	Report Generated	8/25/2017 at 11:16:02 AM
Convergence at slot	0.47° East	Database/Source file	Denver DB/DONN_4N-20C-L_PWP_REV-B.0_CR.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	1003.65	24.76	3201888.15	1418152.05	40°28'44.260"N	104°46'27.340"W
Facility Reference Pt			3201871.60	1417148.27	40°28'34.342"N	104°46'27.660"W
Field Reference Pt			3171284.48	1426358.81	40°30'07.643"N	104°53'02.634"W

WELLPATH DATUM			
Calculation method	Minimum Curvature	PRECISION DRILLING (25') (RKB) to Facility Vertical Datum	4777.00ft
Horizontal Reference Pt	Slot	PRECISION DRILLING (25') (RKB) to Mean Sea Level	4777.00ft
Vertical Reference Pt	PRECISION DRILLING (25') (RKB)	PRECISION DRILLING (25') (RKB) to Mud Line at Slot (SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21))	4777.00ft
MD Reference Pt	PRECISION DRILLING (25') (RKB)		
Field Vertical Reference	Mean Sea Level		

POSITIONAL UNCERTAINTY CALCULATION SETTINGS					
Ellipse Confidence Limit	3.00 Std Dev	Ellipse Start MD	25.00ft	Surface Position Uncertainty	Included
Declination	8.38° East of TN	Dip Angle	66.90°	Mag Field Strength	52437 nT
Slot Surface Uncertainty @1SD		Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD		Horizontal	8.200ft	Vertical	3.000ft
Positional Uncertainty values in the WELLPATH DATA table are the projection of the ellipsoid of uncertainty onto the vertical and horizontal planes					

ANTI-COLLISION RULE			
Rule Name	Baker Hughes Stop Drilling (offset is HSE risk)	Rule Based On	Ratio
Plane of Rule	Closest Approach	Threshold Value	1.00
Include Casing & Hole Size	yes	Apply Cone of Safety	no

# Clearance Report

DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 2 of 190



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

## HOLE & CASING SECTIONS - Ref Wellbore: DONN 4N-20C-L PWB Ref Wellpath: DONN 4N-20C-L PWP (REV-B.0)

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	25.00	1740.42	0.00	0.00	26.78	157.27
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1740.42	0.00	0.00	26.78	157.27
8.5in Open Hole	1750.00	17836.95	16086.95	1740.42	7030.00	26.78	157.27	-121.39	-10200.95

## SURVEY PROGRAM - Ref Wellbore: DONN 4N-20C-L PWB Ref Wellpath: DONN 4N-20C-L PWP (REV-B.0)

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 4N-20C-L PWB
1750.00	17836.95	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 4N-20C-L PWB

**Clearance Report**  
**DONN 4N-20C-L PWP (REV-B.0)**  
**Closest Approach**  
Page 3 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CALCULATION RANGE & CUTOFF**

From: 25.00ft MD	To: 17836.95ft MD	C-C Cutoff: 1000.00 ft
------------------	-------------------	------------------------

**OFFSET WELL CLEARANCE SUMMARY** (78 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane

Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.20-T06N-R66W	SLOT#03 EX. LINDBLAD 20-21 (660'FNL & 1987'FWL, PR, CODL)	EX. LINDBLAD 20-21	EX. LINDBLAD 20-21 AWB	EX. LINDBLAD 20-21 AWP	16006.91	80.32	16006.91	16007.31	0.15	16007.31	FAIL
SEC.21-T06N-R66W	SLOT#05 EX. LEFFLER FARM 1-21 (860'FNL & 1980'FWL, PA, CODL)	EX. LEFFLER FARM 1-21	EX. LEFFLER FARM 1-21 AWB	EX. LEFFLER FARM 1-21 AWP	10699.01	87.31	10699.01	10700.13	0.18	10700.13	FAIL
SEC.21-T06N-R66W	SLOT#17 DONN 4N-20B-L (818'FNL & 251'FEL, SEC.21)	DONN 4N-20B-L	DONN 4N-20B-L PWB	DONN 4N-20B-L PWP (REV-B.0)	25.00	20.04	17836.95	17836.95	0.22	17836.95	FAIL
SEC.21-T06N-R66W	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)	DONN 4C-20-L	DONN 4C-20-L PWB	DONN 4C-20-L PWP (REV-A.0)	25.00	20.04	14092.27	17825.00	0.25	17825.00	FAIL
SEC.20-T06N-R66W	SLOT#03 EX. HOOD 41-20 (661'FNL & 661'FEL, PR, NB/CD)	EX. HOOD 41-20	EX. HOOD 41-20AWB	EX. HOOD 41-20AWP	13379.06	165.17	13379.06	13369.09	0.27	13369.09	FAIL
SEC.21-T06N-66W	SLOT#02 EX. FRITZLER 11-21 (736'FNL & 695'FWL, PR, NB/CD)	EX. FRITZLER 11-21	EX. FRITZLER 11-21 AWB	EX. FRITZLER 11-21 AWP	12007.78	152.70	12007.78	12009.68	0.28	12009.68	FAIL
SEC.21-T06N-R66W	SLOT#14 DONN 30N-20B-L (758'FNL & 250'FEL, SEC.21)	DONN 30N-20B-L	DONN 30N-20B-L PWB	DONN 30N-20B-L PWP (REV-B.0)	25.00	40.08	17225.00	17833.54	0.41	17833.54	FAIL
SEC.21-T06N-R66W	SLOT#18 DONN 31C-20-L (838'FNL & 251'FEL, SEC.21)	DONN 31C-20-L	DONN 31C-20-L PWB	DONN 31C-20-L PWP (REV-A.0)	25.00	39.71	13025.00	17836.95	0.43	17836.95	FAIL
SEC.21-T06N-R66W	SLOT#19 DONN 31N-20C-L (858'FNL & 251'FEL, SEC.21)	DONN 31N-20C-L	DONN 31N-20C-L PWB	DONN 31N-20C-L PWP (REV-B.0)	25.00	59.75	13025.00	13158.10	0.52	16125.00	FAIL
SEC.21-T06N-R66W	SLOT#04 EX-LEFFLER 1 #21-2 (660'FNL & 1880'FEL SEC.21,PR,7340' MD)	LEFFLER 1 #21-2	LEFFLER 1 #21-2 AWB	LEFFLER 1 #21-2 AWP	9348.16	81.02	9348.16	9354.30	0.55	9354.30	FAIL
SEC.21-T06N-R66W	SLOT#13 DONN 30N-20A-L (738'FNL & 250'FEL, SEC.21)	DONN 30N 20A-L	DONN 30N-20A-L PWB	DONN 30N-20A-L PWP (REV-B.0)	25.00	60.11	14025.00	17825.00	0.65	17825.00	FAIL
SEC.20-T06N-R66W	SLOT#06 EX. BATES 20-22 (471'FNL & 663'FWL, PR, CODL)	EX. BATES 20-22	EX. BATES 20-22 AWB	EX. BATES 20-22 AWP	17315.59	466.24	17315.59	17325.00	0.80	17325.00	FAIL
SEC.21-T06N-R66W	SLOT#20 DONN 31C-20-L2 (878'FNL & 251'FEL, SEC.21)	DONN 31C-20-L2	DONN 31C-20-L2 PWB	DONN 31C-20-L2 PWP (REV-B.0)	25.00	79.79	17836.95	17836.95	0.81	17836.95	FAIL
SEC.21-T06N-R66W	SLOT#21 DONN 5N-20B-L (898'FNL & 251'FEL, SEC.21)	DONN 5N-20B-L	DONN 5N-20B-L PWB	DONN 5N-20B-L PWP (REV-B.0)	25.00	99.83	17836.95	17836.95	1.00	17836.95	PASS
SEC.20-T06N-R66W	SLOT#08 EX. LINDBLAD 20-25X (1304'FNL & 1398'FWL, PR, NB/CD)	EX. LINDBLAD 20-25X	EX. LINDBLAD 20-25X AWB	EX. LINDBLAD 20-25X AWP	16601.25	570.34	16601.25	16617.70	1.04	16617.70	PASS
SEC.20-T06N-R66W	SLOT#01 EX. ENGLISH 31-20 (200'FNL & 2440'FEL, SI, CODL)	EX. ENGLISH 31-20	EX. ENGLISH 31-20 AWB	EX. ENGLISH 31-20 AWP	15119.84	518.44	15119.84	15135.28	1.08	15135.28	PASS
SEC.21-T06N-R66W	SLOT#22 DONN 5N-20C-L (918'FNL & 252'FEL, SEC.21)	DONN 5N-20C-L	DONN 5N-20C-L PWB	DONN 5N-20C-L PWP (REV-B.0)	25.00	119.87	16125.00	17836.95	1.20	17836.95	PASS
SEC.21-T06N-66W	SLOT#04 EX. FRITZLER 2-2-21(1707'FNL & 569'FWL, PR, NB/CD)	EX. FRITZLER 2-2-21	EX. FRITZLER 2-2-21 AWB	EX. FRITZLER 2-2-21 AWP	11486.48	541.40	11486.48	11425.00	1.36	11425.00	PASS
SEC.21-T06N-R66W	SLOT#23 DONN 5C-20-L (938'FNL & 252'FEL, SEC.21)	DONN 5C-20-L	DONN 5C-20-L PWB	DONN 5C-20-L PWP (REV-B.0)	25.00	139.90	17836.95	17836.95	1.41	17836.95	PASS
SEC.17-T06N-R66W	SLOT#04 EX. HOOD #6-2-20 (659'FSL & 653'FEL, PR, NB/CD)	EX. HOOD #6-2-20	EX. HOOD #6-2-20 AWB	EX. HOOD #6-2-20 AWP	13869.43	566.97	13869.43	13947.87	1.53	13947.87	PASS
SEC.21-T06N-66W	SLOT#03 EX. FRITZLER 12-21 (1707'FNL & 543'FWL, PR NB/CD)	EX. FRITZLER 12-21	EX. FRITZLER 12-21 AWB	EX. FRITZLER 12-21 AWP	12190.63	887.33	12190.63	12225.00	1.59	12225.00	PASS
SEC.21-T06N-66W	SLOT#05 EX. FRITZLER 0-2-21 (1706'FNL & 518'FWL, PR, NB/CD)	EX. FRITZLER 0-2-21	EX. FRITZLER 0-2-21 AWB	EX. FRITZLER 0-2-21 AWP	12669.53	495.20	12669.53	12684.65	1.59	12684.65	PASS
SEC.21-T06N-R66W	SLOT#24 DONN 32N-20B-L (958'FNL & 252'FEL, SEC.21)	DONN 32N-20B-L	DONN 32N-20B-L PWB	DONN 32N-20B-L PWP (REV-A.0)	25.00	159.94	17836.95	17836.95	1.60	17836.95	PASS
SEC.21-T06N-R66W	SLOT#25 DONN 32C-20-L (978'FNL & 252'FEL, SEC.21)	DONN 32C-20-L	DONN 32C-20-L PWB	DONN 32C-20-L PWP (REV-B.0)	25.00	179.98	12949.77	17836.95	1.67	17836.95	PASS
SEC.19-T06N-R66W	SLOT#02 EX. POPE 19-1G6 (661'FNL & 538'FEL, PR, CODL)	EX. POPE 19-1G6	EX. POPE 19-1G6 AWB	EX. POPE 19-1G6 AWP	17836.95	658.14	17836.95	17836.95	1.71	17836.95	PASS
SEC.21-T06N-R66W	SLOT#06 EX. LEFFLER I 21-6 (1880'FNL & 1880'FWL, SI, NB/CD)	EX. LEFFLER I 21-6	EX. LEFFLER I 21-6 AWB	EX. LEFFLER I 21-6 AWP	10825.00	1052.78	10825.00	10903.61	2.11	10903.61	PASS
SEC.19-T06N-R66W	SLOT#01 EX. HALL 1 (2062'FNL & 660'FEL, PR, CODL)	EX. HALL 1	EX. HALL 1AWB	EX. HALL 1AWP	17836.95	1562.14	17836.95	17836.95	2.13	17836.95	PASS
SEC.17-T06N-R66W	SLOT#02 EX. FRITZLER #6-8-17 (660'FSL & 668'FEL, PR NB/CD)	EX. FRITZLER #6-8-17	EX. FRITZLER #6-8-17 AWB	EX. FRITZLER #6-8-17 AWP	14003.49	796.45	14003.49	14025.00	2.14	14025.00	PASS
SEC.20-T06N-R66W	SLOT#05 EX. LINDBLAD 20-23 (1984'FNL & 664'FWL, PR, NB/CD)	EX. LINDBLAD 20-23	EX. LINDBLAD 20-23 AWB	EX. LINDBLAD 20-23 AWP	17182.50	1246.15	17182.50	17250.32	2.16	17250.32	PASS
SEC.21-T06N-R66W	SLOT#03 LEFFLER 1N-23C-L (1841'FNL & 275'FEL SEC.21)	LEFFLER 1N-23C-L	LEFFLER 1N-23C-L AWB	LEFFLER 1N-23C-L AWP	7244.96	182.80	7244.96	7285.18	2.30	7285.18	PASS
SEC.18-T06N-R66W	SLOT#01 EX. CARLSON #18-44 (531'FSL & 918'FEL, PR, NB/CD)	EX. CARLSON #18-44	EX. CARLSON #18-44 AWB	EX. CARLSON #18-44 AWP	17836.95	1628.47	17836.95	17836.95	2.32	17836.95	PASS
SEC.20-T06N-R66W	SLOT#02 EX. LINDBLAD 22-20 (1915'FNL & 2267'FWL, PR, CODL)	EX. LINDBLAD 22-20	EX. LINDBLAD 22-20AWB	EX. LINDBLAD 22-20AWP	15732.50	1195.20	15732.50	15805.20	2.35	15805.20	PASS
SEC.16-T06N-R66W	SLOT#01 EX. STATE HOPPE #16-1 (561'FSL & 664'FWL, PR-NB/CD)	EX. STATE HOPPE #16-1	EX. STATE HOPPE #16-1 AWB	EX. STATE HOPPE #16-1 AWP	11929.38	1318.03	11929.38	12025.00	2.40	12025.00	PASS
SEC.16-T06N-R66W	SLOT#02 EX. BURMAN #16-43 (466'FSL & 1793'FEL, PR, NB/CD)	EX. BURMAN #16-43	EX. BURMAN #16-43 AWB	EX. BURMAN #16-43 AWP	9025.00	1157.12	9025.00	9105.91	2.74	9105.91	PASS
SEC.17-T06N-R66W	SLOT#01 EX.FRITZLER #8-8-17 (658'FSL & 608'FEL, PR,NB/CD)	EX. FRITZLER #8-8-17	EX. FRITZLER #8-8-17 AWB	EX. FRITZLER #8-8-17 AWP	12670.04	862.92	12670.04	12741.40	2.75	12741.40	PASS
SEC.21-T06N-R66W	SLOT#1 EX. LEFFLER FARM #2-21 (1980'FNL & 1980'FWL, PA-CODL)	EX. LEFFLER FARM #2-21	EX. LEFFLER FARM #2-21 AWB	EX. LEFFLER FARM #2-21 AWP	9496.56	1220.72	9496.56	9563.33	2.77	9563.33	PASS
SEC.20-T06N-R66W	SLOT#03 WARD #M-20-19HN	WARD M-20-19HN	WARD M-20-19HN PWB	WARD M-20-19HN PWP	13075.00	1954.11	17836.95	17836.95	2.94	17836.95	PASS
SEC.21-T06N-66W	SLOT#06 EX. FRITZLER 11-21-4 (645'FNL & 664'FWL, PR, NB/CD)	EX. FRITZLER 11-21-4	EX. FRITZLER 11-21-4 AWB	EX. FRITZLER 11-21-4 AWP	11368.39	780.58	11368.39	11425.00	3.06	11425.00	PASS
SEC.20-T06N-R66W	SLOT#04 WARD #N-20-19HC	WARD #N-20-19HC	WARD #N-20-19HC PWB	WARD #N-20-19HC PWP	13072.50	2119.98	17836.95	17836.95	3.17	17836.95	PASS
SEC.20-T06N-R66W	SLOT#04 EX. BROWN 20-13 (2179'FNL & 1796'FEL, PR, NB/CD)	EX. BROWN 20-13	EX. BROWN 20-13 AWB	EX. BROWN 20-13 AWP	14525.00	1446.68	14525.00	14643.58	3.18	14643.58	PASS

**Clearance Report**  
**DONN 4N-20C-L PWP (REV-B.0)**  
**Closest Approach**  
Page 4 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CALCULATION RANGE & CUTOFF**

From: 25.00ft MD	To: 17836.95ft MD	C-C Cutoff: 1000.00 ft
------------------	-------------------	------------------------

**OFFSET WELL CLEARANCE SUMMARY** (78 Offset Wellpaths selected) Ratios are calculated in Closest Approach plane

Offset Facility	Offset Slot	Offset Well	Offset Wellbore	Offset Wellpath	C-C Clearance Distance			ACR Separation Ratio			
					Ref MD [ft]	Min C-C Clear Dist [ft]	Diverging from MD [ft]	Ref MD of Min Ratio [ft]	Min Ratio	Min Ratio Dvrg from [ft]	ACR Status
SEC.17-T06N-R66W	SLOT#03 EX. FRITZLER #34-17 (660'FSL & 683'FEL, PR, NB/CD)	EX. FRITZLER #34-17	EX. FRITZLER #34-17 AWB	EX. FRITZLER #34-17 AWP	14587.50	1350.45	14587.50	14693.87	3.29	14693.87	PASS
SEC.20-T06N-R66W	SLOT#02 EX. WARD ENGLISH 42-20 (1980'FNL & 660'FEL, PA, CODL)	EX. WARD ENGLISH 42-20	EX. WARD ENGLISH 42-20 AWB	EX. WARD ENGLISH 42-20 AWP	13325.00	1121.90	13325.00	13451.49	3.45	13451.49	PASS
SEC.21-T06N-R66W	SLOT#04 LEFFLER 1N-23B-L (1861'FNL & 275'FEL SEC.21)	LEFFLER 1N-23B-L	LEFFLER 1N-23B-L AWB	LEFFLER 1N-23B-L AWP	7215.32	291.63	7215.32	7155.78	3.71	7155.78	PASS
SEC.21-T06N-R66W	SLOT#02 LEFFLER 26C-23-L (1821'FNL & 275'FEL SEC.21)	LEFFLER 26C-23-L	LEFFLER 26C-23-L AWB	LEFFLER 26C-23-L AWP	7737.50	338.58	7737.50	7771.99	4.10	7771.99	PASS
SEC.21-T06N-R66W	SLOT#05 LEFFLER 1C-23-L (1881'FNL & 275'FEL SEC.21)	LEFFLER 1C-23-L	LEFFLER 1C-23-L AWB	LEFFLER 1C-23-L AWP	7448.39	387.12	7448.39	7648.53	4.88	7648.53	PASS
SEC.20-T06N-R66W	SLOT#04 EX. HOOD 20-42-12 (2000'FNL & 657'FEL, PR, NB/CD)	EX. HOOD 20-42-12	EX. HOOD 20-42-12 AWB	EX. HOOD 20-42-12 AWP	13596.53	1918.17	13596.53	14325.00	5.01	14325.00	PASS
SEC.20-T06N-R66W	SLOT#01 EX:HOOD #20-42-11 (2015'FNL & 657'FEL SEC.20, PR)	HOOD #20-42-11	HOOD #20-42-11 AWB	HOOD #20-42-11 AWP	12825.00	1699.53	12825.00	12999.89	5.27	12999.89	PASS
SEC.20-T06N-R66W	SLOT#07 EX. GOETZEL 20-31 (1775'FSL & 2186'FWL, SI, CODL)	EX. GOETZEL 20-31	EX. GOETZEL 20-31 AWB	EX. GOETZEL 20-31 AWP	15887.50	2766.49	15887.50	16260.18	5.29	16260.18	PASS
SEC.20-T06N-R66W	SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20)	HOOD 25N-22C-M	HOOD 25N-22C-M AWB	HOOD 25N-22C-M AWP	12925.00	1867.25	12925.00	13183.55	5.66	13183.55	PASS
SEC.21-T06N-R66W	SLOT#01 LEFFLER 26N-23B-L (1801'FNL & 275'FEL SEC.21)	LEFFLER 26N-23B-L	LEFFLER 26N-23B-L AWB	LEFFLER 26N-23B-L AWP	7199.37	508.97	7199.37	7257.25	6.12	7257.25	PASS
SEC.20-T06N-R66W	SLOT#02 HOOD 25C-22-M (745'FSL & 1122'FEL SEC.20)	HOOD 25C-22-M	HOOD 25C-22-M AWB	HOOD 25C-22-M AWP	12856.88	2020.78	12856.88	13125.00	6.16	13125.00	PASS
SEC.22-T06N-R66W	SLOT#01EX:ALICE M. HOFFNER #1-22 (1980'FNL&835'FWL,SEC.22,7300'MD,PA)	ALICE M. HOFFNER #1-22	ALICE M. HOFFNER #1-22 AWB	ALICE M. HOFFNER #1-22 AWP	6458.32	1356.15	6458.32	6870.09	6.33	6870.09	PASS
SEC.21-T06N-R66W	SLOT#01 EX:FRITZLER #21-22-14 (1702'FNL & 583'FWL SEC.21, PR)	FRITZLER #21-22-14	FRITZLER #21-22-14 AWB	FRITZLER #21-22-14 AWP	11475.00	1910.03	11475.00	11773.03	7.21	11773.03	PASS
SEC.21-T06N-R66W	SLOT#06 LEFFLER 41N-23C-L (1901'FNL & 275'FEL SEC.21)	LEFFLER 41N-23C-L	LEFFLER 41N-23C-L AWB	LEFFLER 41N-23C-L AWP	7368.13	565.50	7368.13	7733.99	7.26	7733.99	PASS
SEC.20-T06N-R66W	SLOT#03 HOOD 11N-22B-M (725'FSL & 1122'FEL SEC.20)	HOOD 11N-22B-M	HOOD 11N-22B-M AWB	HOOD 11N-22B-M AWP	12554.87	2380.57	12554.87	13089.70	7.28	13089.70	PASS
SEC.21-T06N-R66W	SLOT#01 LEFFLER 26N-23B-L (1801'FNL & 275'FEL SEC.21)	LEFFLER 26N-23B-L	LEFFLER 26N-23B-L PWB	LEFFLER 26N-23B-L PWP REV-B.0	7161.53	597.79	7161.53	7161.53	7.52	7725.00	PASS
SEC.20-T06N-R66W	SLOT#04 HOOD 11N-22A-M (705'FSL & 1122'FEL SEC.20)	HOOD 11N-22A-M	HOOD 11N-22A-M AWB	HOOD 11N-22A-M AWP	12662.50	2487.02	12662.50	13025.00	7.58	13025.00	PASS
SEC.20-T06N-R66W	SLOT#05 HOOD 11C-22-M (685'FSL & 1122'FEL SEC.20)	HOOD 11C-22-M	HOOD 11C-22-M AWB	HOOD 11C-22-M AWP	12949.77	2711.59	12949.77	13301.18	8.20	13301.18	PASS
SEC.21-T06N-R66W	SLOT#01 EX:DORIS #1 (1920'SL & 680'FWL SEC.21, PR, 7238'MD)	DORIS #1	DORIS #1 AWB	DORIS #1 AWP	12160.00	2590.22	12160.00	12693.27	8.79	12693.27	PASS
SEC.20-T06N-R66W	SLOT#06 HOOD 23N-22C-M (665'FSL & 1122'FEL SEC.20)	HOOD 23N-22C-M	HOOD 23N-22C-M AWB	HOOD 23N-22C-M AWP	13015.60	3053.16	13015.60	13425.00	9.24	13425.00	PASS
SEC.20-T06N-R66W	SLOT#07 HOOD 23C-22-M (585'FSL & 1122'FEL SEC.20)	HOOD 23C-22-M	HOOD 23C-22-M AWB	HOOD 23C-22-M AWP	12949.77	3163.71	12949.77	13346.95	9.53	13346.95	PASS
SEC.21-T06N-R66W	SLOT#07 LEFFLER 41C-23-L (1921'FNL & 275'FEL SEC.21)	LEFFLER 41C-23-L	LEFFLER 41C-23-L AWB	LEFFLER 41C-23-L AWP	7842.50	822.44	7842.50	8041.83	9.69	8041.83	PASS
SEC.20-T06N-R66W	SLOT#08 HOOD 23N-22B-M (565'FSL & 1122'FEL SEC.20)	HOOD 23N-22B-M	HOOD 23N-22B-M AWB	HOOD 23N-22B-M AWP	12949.77	3355.74	12949.77	13457.07	10.16	13457.07	PASS
SEC.21-T06N-R66W	SLOT#01 EX:HAROLD "B" #1 (1980'FSL & 1790'FWL SEC.21, PR, 7275'MD)	HAROLD "B" #1	HAROLD "B" #1 AWB	HAROLD "B" #1 AWP	11020.00	2537.39	11020.00	11762.99	10.68	11762.99	PASS
SEC.20-T06N-R66W	SLOT#09 HOOD 14N-22A-M (545'FSL & 1122'FEL SEC.20)	HOOD 14N-22A-M	HOOD 14N-22A-M OWB AWB	HOOD 14N-22A-M OWB AWP	12965.28	3579.75	12965.28	13418.70	10.84	14225.00	PASS
SEC.20-T06N-R66W	SLOT#09 HOOD 14N-22A-M (545'FSL & 1122'FEL SEC.20)	HOOD 14N-22A-M	HOOD 14N-22A-M S.T.#01 AWB	HOOD 14N-22A-M S.T.#01 AWP	12965.28	3579.75	12965.28	13418.70	10.84	14225.00	PASS
SEC.20-T06N-R66W	SLOT#10 HOOD 14N-22B-M (525'FSL & 1122'FEL SEC.20)	HOOD 14N-22B-M	HOOD 14N-22B-M AWB	HOOD 14N-22B-M AWP	12999.14	3860.21	12999.14	14367.40	11.49	14367.40	PASS
SEC.20-T06N-R66W	SLOT#11 HOOD 36C-22-M (505'FSL & 1122'FEL SEC.20)	HOOD 36C-22-M	HOOD 36C-22-M AWB	HOOD 36C-22-M AWP	12961.05	4013.56	12961.05	14482.73	11.72	14482.73	PASS
SEC.21-T06N-R66W	SLOT#08 LEFFLER 8N-23A-L (1941'FNL & 275'FEL SEC.21)	LEFFLER 8N-23A-L	LEFFLER 8N-23A-L AWB	LEFFLER 8N-23A-L AWP	6995.47	964.53	7625.00	6871.61	11.78	8025.00	PASS
SEC.20-T06N-R66W	SLOT#12 HOOD 36N-22C-M (485'FSL & 1122'FEL SEC.20)	HOOD 36N-22C-M	HOOD 36N-22C-M AWB	HOOD 36N-22C-M AWP	11857.97	4339.71	13025.00	14675.28	12.53	14675.28	PASS
SEC.21-T06N-R66W	SLOT#09 LEFFLER 8C-23-L (1961'FNL & 275'FEL SEC.21)	LEFFLER 8C-23-L	LEFFLER 8C-23-L AWB	LEFFLER 8C-23-L AWP	7754.53	1140.48	7754.53	8230.56	13.02	8230.56	PASS
SEC.21-T06N-R66W	SLOT#02 EX:KOHLER #21-10 (1976'FSL & 1987'FEL SEC.21, PR, 7281'MD)	KOHLER #21-10	KOHLER #21-10 AWB	KOHLER #21-10 AWP	9587.50	2550.26	9587.50	10425.00	14.76	10425.00	PASS
SEC.21-T06N-R66W	SLOT#01 EX. MAURICE LEFFLER 1 (660'FNL & 1980'FWL, PA, UNK)	EX. MAURICE LEFFLER 1	EX. MAURICE LEFFLER 1 AWB	EX. MAURICE LEFFLER 1 AWP	10717.50	2604.56	10717.50	4505.42	15.60	12825.00	PASS
SEC.21-T06N-R66W	SLOT#01 EX:BILLINGS #43-21 (2270'FSL & 960'FEL SEC.21, PR, 7257'MD)	BILLINGS #43-21	BILLINGS #43-21 AWB	BILLINGS #43-21 AWP	25.00	2349.92	8425.00	9549.85	16.22	9549.85	PASS
SEC.21-T06N-R66W	SLOT#10 LEFFLER 8N-23B-L (1981'FNL & 275'FEL SEC.21)	LEFFLER 8N-23B-L	LEFFLER 8N-23B-L AWB	LEFFLER 8N-23B-L AWP	271.88	1181.67	7625.00	8376.17	16.67	8376.17	PASS
SEC.21-T06N-R66W	SLOT#11 LEFFLER 8N-23C-L (2001'FNL & 275'FEL SEC.21)	LEFFLER 8N-23C-L	LEFFLER 8N-23C-L AWB	LEFFLER 8N-23C-L AWP	325.00	1201.01	7825.00	8659.59	18.16	8659.59	PASS
SEC.21-T06N-R66W	SLOT#12 LEFFLER 40C-23-L (2021'FNL & 275'FEL SEC.21)	LEFFLER 40C-23-L	LEFFLER 40C-23-L AWB	LEFFLER 40C-23-L AWP	337.50	1221.15	7825.00	8793.18	18.76	8793.18	PASS
SEC.21-T06N-R66W	SLOT#03 EX:KOHLER J #1-21 (460'FSL & 1978'FEL SEC.21, PR, 7318'MD)	KOHLER J #1-21	KOHLER J #1-21 AWB	KOHLER J #1-21 AWP	9625.00	4078.48	9625.00	11684.12	20.31	11684.12	PASS

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 5 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LINDBLAD 20-21 AWB Offset Wellpath: EX. LINDBLAD 20-21 AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#03 EX. LINDBLAD 20-21 (660'FNL & 1987'FWL, PR, CODL) Well: EX. LINDBLAD 20-21 Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	3.00	25.00	2.51	-8373.43	-89.98	8373.43	25.57	340.32	PASS	
125.00†	125.00	0.00	0.00	103.00	125.00	2.51	-8373.43	-89.98	8373.43	25.57	340.28	PASS	
225.00†	225.00	0.00	0.00	203.00	225.00	2.51	-8373.43	-89.98	8373.43	25.58	340.18	PASS	
300.00	300.00	0.00	0.00	278.00	300.00	2.51	-8373.43	-89.98	8373.43	25.58	340.08	PASS	
325.00†	325.00	0.02	0.11	303.00	325.00	2.51	-8373.43	-170.32	8373.54	25.59	340.04	PASS	
425.00†	424.96	0.46	2.69	402.96	424.96	2.51	-8373.43	-170.31	8376.12	25.62	339.71	PASS	
525.00†	524.77	1.48	8.71	502.77	524.77	2.51	-8373.43	-170.30	8382.14	25.70	338.85	PASS	
625.00†	624.30	3.09	18.15	602.30	624.30	2.51	-8373.43	-170.28	8391.58	25.78	338.07	PASS	
660.88	659.93	3.81	22.38	637.93	659.93	2.51	-8373.43	-170.27	8395.81	25.81	337.92	PASS	
725.00†	723.54	5.16	30.32	701.54	723.54	2.51	-8373.43	-170.28	8403.75	25.83	337.97	PASS	
825.00†	822.75	7.27	42.70	800.75	822.75	2.51	-8373.43	-170.29	8416.14	25.86	338.02	PASS	
925.00†	921.95	9.38	55.09	899.95	921.95	2.51	-8373.43	-170.31	8428.52	25.90	338.00	PASS	
1025.00†	1021.16	11.49	67.48	999.16	1021.16	2.51	-8373.43	-170.32	8440.91	25.94	337.92	PASS	
1125.00†	1120.37	13.60	79.86	1098.37	1120.37	2.51	-8373.43	-170.34	8453.30	25.99	337.78	PASS	
1225.00†	1219.58	15.71	92.25	1197.58	1219.58	2.51	-8373.43	-170.35	8465.69	26.04	337.57	PASS	
1325.00†	1318.78	17.82	104.63	1296.78	1318.78	2.51	-8373.43	-170.36	8478.08	26.10	337.30	PASS	
1425.00†	1417.99	19.93	117.02	1395.99	1417.99	2.51	-8373.43	-170.38	8490.47	26.16	336.97	PASS	
1525.00†	1517.20	22.04	129.40	1495.20	1517.20	2.51	-8373.43	-170.39	8502.86	26.22	336.58	PASS	
1625.00†	1616.41	24.15	141.79	1594.41	1616.41	2.51	-8373.43	-170.41	8515.25	26.29	336.13	PASS	
1725.00†	1715.61	26.25	154.17	1693.61	1715.61	2.51	-8373.43	-170.42	8527.64	26.37	335.63	PASS	
1825.00†	1814.82	28.36	166.56	1792.82	1814.82	2.51	-8373.43	-170.44	8540.03	26.16	335.56	PASS	
1925.00†	1914.03	30.47	178.95	1892.03	1914.03	2.51	-8373.43	-170.45	8552.42	26.17	335.88	PASS	
2025.00†	2013.24	32.58	191.33	1991.24	2013.24	2.51	-8373.43	-170.46	8564.81	26.19	336.05	PASS	
2125.00†	2112.44	34.69	203.72	2090.44	2112.44	2.51	-8373.43	-170.48	8577.21	26.23	336.08	PASS	
2225.00†	2211.65	36.80	216.10	2189.65	2211.65	2.51	-8373.43	-170.49	8589.60	26.27	335.95	PASS	
2325.00†	2310.86	38.91	228.49	2288.86	2310.86	2.51	-8373.43	-170.50	8601.99	26.33	335.68	PASS	
2425.00†	2410.07	41.02	240.87	2388.07	2410.07	2.51	-8373.43	-170.52	8614.39	26.40	335.26	PASS	
2525.00†	2509.28	43.13	253.26	2487.28	2509.28	2.51	-8373.43	-170.53	8626.78	26.48	334.70	PASS	
2625.00†	2608.48	45.24	265.64	2586.48	2608.48	2.51	-8373.43	-170.55	8639.18	26.57	334.01	PASS	
2725.00†	2707.69	47.35	278.03	2685.69	2707.69	2.51	-8373.43	-170.56	8651.58	26.67	333.18	PASS	
2825.00†	2806.90	49.46	290.41	2784.90	2806.90	2.51	-8373.43	-170.57	8663.97	26.79	332.22	PASS	
2925.00†	2906.11	51.56	302.80	2884.11	2906.11	2.51	-8373.43	-170.59	8676.37	26.91	331.13	PASS	
3025.00†	3005.31	53.67	315.19	2983.31	3005.31	2.51	-8373.43	-170.60	8688.77	27.04	329.92	PASS	
3125.00†	3104.52	55.78	327.57	3082.52	3104.52	2.51	-8373.43	-170.61	8701.16	27.19	328.60	PASS	
3225.00†	3203.73	57.89	339.96	3181.73	3203.73	2.51	-8373.43	-170.63	8713.56	27.34	327.17	PASS	
3325.00†	3302.94	60.00	352.34	3280.94	3302.94	2.51	-8373.43	-170.64	8725.96	27.50	325.63	PASS	
3425.00†	3402.14	62.11	364.73	3380.14	3402.14	2.51	-8373.43	-170.65	8738.36	27.68	324.00	PASS	
3525.00†	3501.35	64.22	377.11	3479.35	3501.35	2.51	-8373.43	-170.67	8750.76	27.86	322.27	PASS	
3625.00†	3600.56	66.33	389.50	3578.56	3600.56	2.51	-8373.43	-170.68	8763.16	28.05	320.45	PASS	
3725.00†	3699.77	68.44	401.88	3677.77	3699.77	2.51	-8373.43	-170.69	8775.56	28.25	318.56	PASS	
3825.00†	3798.97	70.55	414.27	3776.97	3798.97	2.51	-8373.43	-170.71	8787.96	28.46	316.59	PASS	
3925.00†	3898.18	72.66	426.65	3876.18	3898.18	2.51	-8373.43	-170.72	8800.36	28.68	314.55	PASS	
4025.00†	3997.39	74.76	439.04	3975.39	3997.39	2.51	-8373.43	-170.73	8812.77	28.91	312.44	PASS	
4125.00†	4096.60	76.87	451.43	4074.60	4096.60	2.51	-8373.43	-170.75	8825.17	29.15	310.28	PASS	
4225.00†	4195.80	78.98	463.81	4173.80	4195.80	2.51	-8373.43	-170.76	8837.57	29.39	308.07	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 6 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LINDBLAD 20-21 AWB Offset Wellpath: EX. LINDBLAD 20-21 AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#03 EX. LINDBLAD 20-21 (660'FNL & 1987'FWL, PR, CODL) Well: EX. LINDBLAD 20-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4273.01	4295.01	2.51	-8373.43	-170.77	8849.98	29.65	305.81	PASS	
4425.00†	4394.22	83.20	488.58	4372.22	4394.22	2.51	-8373.43	-170.79	8862.38	29.91	303.51	PASS	
4525.00†	4493.43	85.31	500.97	4471.43	4493.43	2.51	-8373.43	-170.80	8874.78	30.17	301.17	PASS	
4625.00†	4592.64	87.42	513.35	4570.64	4592.64	2.51	-8373.43	-170.81	8887.19	30.45	298.80	PASS	
4725.00†	4691.84	89.53	525.74	4669.84	4691.84	2.51	-8373.43	-170.82	8899.59	30.73	296.40	PASS	
4825.00†	4791.05	91.64	538.12	4769.05	4791.05	2.51	-8373.43	-170.84	8912.00	48.02	188.34	PASS	
4925.00†	4890.26	93.75	550.51	4868.26	4890.26	2.51	-8373.43	-170.85	8924.41	56.34	160.40	PASS	
5025.00†	4989.47	95.86	562.89	4967.47	4989.47	2.51	-8373.43	-170.86	8936.81	57.74	156.69	PASS	
5125.00†	5088.67	97.97	575.28	5066.67	5088.67	2.51	-8373.43	-170.88	8949.22	59.82	151.39	PASS	
5225.00†	5187.88	100.07	587.67	5165.88	5187.88	2.51	-8373.43	-170.89	8961.63	62.46	145.11	PASS	
5325.00†	5287.09	102.18	600.05	5265.09	5287.09	2.51	-8373.43	-170.90	8974.03	65.55	138.38	PASS	
5425.00†	5386.30	104.29	612.44	5364.30	5386.30	2.51	-8373.43	-170.91	8986.44	68.99	131.60	PASS	
5525.00†	5485.50	106.40	624.82	5463.50	5485.50	2.51	-8373.43	-170.93	8998.85	72.69	125.00	PASS	
5625.00†	5584.71	108.51	637.21	5562.71	5584.71	2.51	-8373.43	-170.94	9011.26	76.60	118.72	PASS	
5725.00†	5683.92	110.62	649.59	5661.92	5683.92	2.51	-8373.43	-170.95	9023.67	80.67	112.84	PASS	
5825.00†	5783.13	112.73	661.98	5761.13	5783.13	2.51	-8373.43	-170.96	9036.08	84.66	107.37	PASS	
5925.00†	5882.33	114.84	674.36	5860.33	5882.33	2.51	-8373.43	-170.98	9048.49	89.15	102.30	PASS	
6025.00†	5981.54	116.95	686.75	5959.54	5981.54	2.51	-8373.43	-170.99	9060.90	93.52	97.62	PASS	
6125.00†	6080.75	119.06	699.13	6058.75	6080.75	2.51	-8373.43	-171.00	9073.31	97.96	93.29	PASS	
6225.00†	6179.96	121.17	711.52	6157.96	6179.96	2.51	-8373.43	-171.01	9085.72	102.45	89.29	PASS	
6325.00†	6279.17	123.27	723.91	6257.17	6279.17	2.51	-8373.43	-171.03	9098.14	106.99	85.60	PASS	
6425.00†	6378.37	125.38	736.29	6356.37	6378.37	2.51	-8373.43	-171.04	9110.55	111.56	82.18	PASS	
6428.02	6381.37	125.45	736.66	6359.37	6381.37	2.51	-8373.43	-171.04	9110.92	111.70	82.08	PASS	
6525.00†	6478.12	127.33	741.32	6456.12	6478.12	2.51	-8373.43	-32.89	9115.60	116.18	78.94	PASS	
6625.00†	6577.44	128.90	730.68	6555.44	6577.44	2.51	-8373.43	-5.12	9104.99	121.01	75.68	PASS	
6725.00†	6673.88	130.05	704.65	6651.88	6673.88	2.51	-8373.43	-2.54	9078.97	126.25	72.31	PASS	
6825.00†	6765.06	130.75	663.85	6743.06	6765.06	2.51	-8373.43	-1.57	9038.19	131.12	69.30	PASS	
6925.00†	6848.75	130.99	609.29	6826.75	6848.75	2.51	-8373.43	-1.04	8983.64	135.51	66.64	PASS	
7025.00†	6922.87	130.76	542.32	6900.87	6922.87	2.51	-8373.43	-0.67	8916.68	139.32	64.32	PASS	
7125.00†	6985.61	130.07	464.59	6963.61	6985.61	2.51	-8373.43	-0.34	8838.94	142.48	62.34	PASS	
7225.00†	7035.42	128.94	378.00	7013.42	7035.42	2.51	-8373.43	0.07	8752.35	144.92	60.69	PASS	
7325.00†	7071.07	127.38	284.70	7049.07	7071.07	2.51	-8373.43	0.78	8659.03	146.62	59.34	PASS	
7425.00†	7091.69	125.45	186.97	7069.69	7091.69	2.51	-8373.43	3.07	8561.28	147.58	58.29	PASS	
7511.52	7097.00	123.50	100.71	7075.00	7097.00	2.51	-8373.43	124.44	8475.00	147.82	57.60	PASS	
7525.00†	7096.91	123.18	87.23	7074.91	7096.91	2.51	-8373.43	124.39	8461.52	147.82	57.51	PASS	
7625.00†	7096.26	120.81	-12.74	7074.26	7096.26	2.51	-8373.43	124.08	8361.52	147.79	56.84	PASS	
7725.00†	7095.61	118.43	-112.71	7073.61	7095.61	2.51	-8373.43	123.76	8261.53	147.77	56.17	PASS	
7825.00†	7094.96	116.05	-212.68	7072.96	7094.96	2.51	-8373.43	123.44	8161.54	147.74	55.50	PASS	
7925.00†	7094.31	113.68	-312.65	7072.31	7094.31	2.51	-8373.43	123.11	8061.54	147.72	54.83	PASS	
8025.00†	7093.66	111.30	-412.62	7071.66	7093.66	2.51	-8373.43	122.79	7961.55	147.70	54.16	PASS	
8125.00†	7093.01	108.92	-512.59	7071.01	7093.01	2.51	-8373.43	122.46	7861.56	147.68	53.49	PASS	
8225.00†	7092.36	106.55	-612.56	7070.36	7092.36	2.51	-8373.43	122.13	7761.57	147.66	52.81	PASS	
8325.00†	7091.70	104.17	-712.53	7069.70	7091.70	2.51	-8373.43	121.79	7661.57	147.64	52.14	PASS	
8425.00†	7091.05	101.79	-812.50	7069.05	7091.05	2.51	-8373.43	121.46	7561.58	147.63	51.46	PASS	
8525.00†	7090.40	99.41	-912.47	7068.40	7090.40	2.51	-8373.43	121.12	7461.59	147.62	50.79	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 7 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LINDBLAD 20-21 AWB Offset Wellpath: EX. LINDBLAD 20-21 AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#03 EX. LINDBLAD 20-21 (660'FNL & 1987'FWL, PR, CODL) Well: EX. LINDBLAD 20-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7067.75	7089.75	2.51	-8373.43	120.78	7361.60	147.60	50.11	PASS	
8725.00†	7089.10	94.66	-1112.41	7067.10	7089.10	2.51	-8373.43	120.43	7261.61	147.59	49.43	PASS	
8825.00†	7088.45	92.28	-1212.38	7066.45	7088.45	2.51	-8373.43	120.09	7161.61	147.58	48.76	PASS	
8861.52	7088.21	91.42	-1248.88	7066.21	7088.21	2.51	-8373.43	119.96	7125.10	147.58	48.51	PASS	
8925.00†	7087.80	88.85	-1312.31	7065.80	7087.80	2.51	-8373.43	98.29	7061.65	147.57	48.08	PASS	
9025.00†	7087.14	80.54	-1411.95	7065.14	7087.14	2.51	-8373.43	93.80	6961.92	147.58	47.40	PASS	
9125.00†	7086.49	67.03	-1511.02	7064.49	7086.49	2.51	-8373.43	92.44	6862.71	147.60	46.72	PASS	
9216.11	7085.90	50.22	-1600.55	7063.90	7085.90	2.51	-8373.43	91.82	6773.04	147.65	46.09	PASS	
9225.00†	7085.84	48.37	-1609.25	7063.84	7085.84	2.51	-8373.43	91.82	6764.33	147.65	46.03	PASS	
9316.11	7085.25	29.43	-1698.37	7063.25	7085.25	2.51	-8373.43	91.79	6675.12	147.75	45.39	PASS	
9325.00†	7085.19	27.60	-1707.07	7063.19	7085.19	2.51	-8373.43	91.83	6666.41	147.76	45.33	PASS	
9425.00†	7084.53	9.84	-1805.47	7062.53	7084.53	2.51	-8373.43	92.46	6567.97	147.88	44.62	PASS	
9525.00†	7083.88	-2.75	-1904.66	7061.88	7083.88	2.51	-8373.43	93.70	6468.78	147.99	43.92	PASS	
9625.00†	7083.23	-10.13	-2004.37	7061.23	7083.23	2.51	-8373.43	97.47	6369.07	148.06	43.22	PASS	
9674.43	7082.91	-11.85	-2053.77	7060.91	7082.91	2.51	-8373.43	105.12	6319.68	148.08	42.88	PASS	
9725.00†	7082.58	-12.95	-2104.32	7060.58	7082.58	2.51	-8373.43	105.01	6269.13	148.10	42.53	PASS	
9825.00†	7081.93	-15.13	-2204.30	7059.93	7081.93	2.51	-8373.43	104.78	6169.16	148.13	41.84	PASS	
9925.00†	7081.27	-17.31	-2304.27	7059.27	7081.27	2.51	-8373.43	104.55	6069.19	148.16	41.16	PASS	
10025.00†	7080.62	-19.49	-2404.25	7058.62	7080.62	2.51	-8373.43	104.32	5969.22	148.19	40.47	PASS	
10125.00†	7079.97	-21.68	-2504.22	7057.97	7079.97	2.51	-8373.43	104.09	5869.26	148.23	39.78	PASS	
10225.00†	7079.32	-23.86	-2604.19	7057.32	7079.32	2.51	-8373.43	103.86	5769.30	148.27	39.09	PASS	
10325.00†	7078.67	-26.04	-2704.17	7056.67	7078.67	2.51	-8373.43	103.62	5669.33	148.31	38.40	PASS	
10425.00†	7078.02	-28.22	-2804.14	7056.02	7078.02	2.51	-8373.43	103.39	5569.37	148.36	37.72	PASS	
10525.00†	7077.37	-30.40	-2904.12	7055.37	7077.37	2.51	-8373.43	103.16	5469.41	148.41	37.03	PASS	
10625.00†	7076.72	-32.58	-3004.09	7054.72	7076.72	2.51	-8373.43	102.93	5369.45	148.46	36.34	PASS	
10725.00†	7076.07	-34.76	-3104.07	7054.07	7076.07	2.51	-8373.43	102.70	5269.50	148.52	35.65	PASS	
10825.00†	7075.42	-36.95	-3204.04	7053.42	7075.42	2.51	-8373.43	102.46	5169.54	148.58	34.95	PASS	
10925.00†	7074.76	-39.13	-3304.01	7052.76	7074.76	2.51	-8373.43	102.23	5069.59	148.65	34.26	PASS	
11025.00†	7074.11	-41.31	-3403.99	7052.11	7074.11	2.51	-8373.43	101.99	4969.64	148.72	33.57	PASS	
11125.00†	7073.46	-43.49	-3503.96	7051.46	7073.46	2.51	-8373.43	101.76	4869.69	148.79	32.88	PASS	
11174.43	7073.14	-44.57	-3553.38	7051.14	7073.14	2.51	-8373.43	101.64	4820.28	148.83	32.54	PASS	
11225.00†	7072.81	-46.34	-3603.92	7050.81	7072.81	2.51	-8373.43	96.34	4769.77	148.89	32.18	PASS	
11249.77	7072.65	-47.70	-3628.64	7050.65	7072.65	2.51	-8373.43	95.17	4745.05	148.92	32.01	PASS	
11325.00†	7072.16	-52.30	-3703.73	7050.16	7072.16	2.51	-8373.43	95.09	4670.02	149.05	31.48	PASS	
11425.00†	7071.51	-58.42	-3803.54	7049.51	7071.51	2.51	-8373.43	94.98	4570.29	149.24	30.76	PASS	
11525.00†	7070.86	-64.55	-3903.36	7048.86	7070.86	2.51	-8373.43	94.87	4470.58	149.45	30.05	PASS	
11625.00†	7070.21	-70.67	-4003.17	7048.21	7070.21	2.51	-8373.43	94.76	4370.88	149.67	29.34	PASS	
11725.00†	7069.56	-76.79	-4102.98	7047.56	7069.56	2.51	-8373.43	94.65	4271.19	149.92	28.62	PASS	
11825.00†	7068.91	-82.91	-4202.79	7046.91	7068.91	2.51	-8373.43	94.54	4171.52	150.19	27.90	PASS	
11925.00†	7068.25	-89.04	-4302.60	7046.25	7068.25	2.51	-8373.43	94.44	4071.86	150.49	27.18	PASS	
12025.00†	7067.60	-95.16	-4402.41	7045.60	7067.60	2.51	-8373.43	94.33	3972.22	150.81	26.46	PASS	
12125.00†	7066.95	-101.28	-4502.22	7044.95	7066.95	2.51	-8373.43	94.22	3872.60	151.17	25.73	PASS	
12225.00†	7066.30	-107.40	-4602.03	7044.30	7066.30	2.51	-8373.43	94.11	3773.00	151.56	25.01	PASS	
12325.00†	7065.65	-113.52	-4701.84	7043.65	7065.65	2.51	-8373.43	94.00	3673.43	151.99	24.28	PASS	
12425.00†	7065.00	-119.65	-4801.65	7043.00	7065.00	2.51	-8373.43	93.89	3573.87	152.46	23.55	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 8 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LINDBLAD 20-21 AWB Offset Wellpath: EX. LINDBLAD 20-21 AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#03 EX. LINDBLAD 20-21 (660'FNL & 1987'FWL, PR, CODL) Well: EX. LINDBLAD 20-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	7042.35	7064.35	2.51	-8373.43	93.78	3474.34	152.98	22.81	PASS	
12625.00†	7063.70	-131.89	-5001.27	7041.70	7063.70	2.51	-8373.43	93.67	3374.84	153.55	22.08	PASS	
12725.00†	7063.05	-138.01	-5101.08	7041.05	7063.05	2.51	-8373.43	93.56	3275.37	154.18	21.34	PASS	
12825.00†	7062.40	-144.13	-5200.89	7040.40	7062.40	2.51	-8373.43	93.45	3175.93	154.88	20.60	PASS	
12925.00†	7061.74	-150.26	-5300.70	7039.74	7061.74	2.51	-8373.43	93.35	3076.53	155.64	19.85	PASS	
12949.77	7061.58	-151.77	-5325.42	7039.58	7061.58	2.51	-8373.43	93.32	3051.92	155.84	19.67	PASS	
13025.00†	7061.09	-154.90	-5400.58	7039.09	7061.09	2.51	-8373.43	94.99	2977.01	156.38	19.12	PASS	
13125.00†	7060.44	-154.47	-5500.57	7038.44	7060.44	2.51	-8373.43	105.25	2877.15	156.79	18.43	PASS	
13225.00†	7059.78	-148.80	-5600.39	7037.78	7059.78	2.51	-8373.43	-103.07	2777.16	156.80	17.79	PASS	
13325.00†	7059.12	-137.92	-5699.79	7037.12	7059.12	2.51	-8373.43	-94.53	2677.33	156.38	17.19	PASS	
13425.00†	7058.47	-121.86	-5798.47	7036.47	7058.47	2.51	-8373.43	-92.67	2577.96	155.50	16.65	PASS	
13506.75	7057.93	-104.90	-5878.44	7035.93	7057.93	2.51	-8373.43	-91.97	2497.30	154.45	16.24	PASS	
13525.00†	7057.81	-100.73	-5896.20	7035.81	7057.81	2.51	-8373.43	-91.95	2479.38	154.19	16.15	PASS	
13606.75	7057.28	-82.06	-5975.79	7035.28	7057.28	2.51	-8373.43	-91.89	2399.13	153.04	15.74	PASS	
13625.00†	7057.16	-77.98	-5993.58	7035.16	7057.16	2.51	-8373.43	-91.97	2381.21	152.79	15.65	PASS	
13725.00†	7056.51	-58.64	-6091.68	7034.51	7056.51	2.51	-8373.43	-92.62	2282.57	151.71	15.11	PASS	
13825.00†	7055.86	-44.46	-6190.65	7033.86	7055.86	2.51	-8373.43	-93.94	2183.28	151.01	14.52	PASS	
13925.00†	7055.20	-35.48	-6290.24	7033.20	7055.20	2.51	-8373.43	-98.14	2083.54	150.65	13.89	PASS	
14025.00†	7054.55	-31.73	-6390.15	7032.55	7054.55	2.51	-8373.43	137.77	1983.57	150.58	13.23	PASS	
14092.27	7054.12	-32.15	-6457.41	7032.12	7054.12	2.51	-8373.43	98.73	1916.33	150.71	12.77	PASS	
14125.00†	7053.91	-32.93	-6490.13	7031.91	7053.91	2.51	-8373.43	98.58	1883.63	150.81	12.54	PASS	
14225.00†	7053.26	-35.31	-6590.10	7031.26	7053.26	2.51	-8373.43	98.13	1783.73	151.17	11.85	PASS	
14325.00†	7052.62	-37.69	-6690.07	7030.62	7052.62	2.51	-8373.43	97.68	1683.84	151.57	11.16	PASS	
14425.00†	7051.98	-40.08	-6790.04	7029.98	7051.98	2.51	-8373.43	97.23	1583.96	152.06	10.46	PASS	
14525.00†	7051.33	-42.46	-6890.01	7029.33	7051.33	2.51	-8373.43	96.78	1484.10	152.63	9.76	PASS	
14625.00†	7050.69	-44.84	-6989.98	7028.69	7050.69	2.51	-8373.43	96.32	1384.26	153.32	9.07	PASS	
14725.00†	7050.04	-47.23	-7089.95	7028.04	7050.04	2.51	-8373.43	95.87	1284.44	154.17	8.37	PASS	
14825.00†	7049.40	-49.61	-7189.92	7027.40	7049.40	2.51	-8373.43	95.42	1184.66	155.22	7.66	PASS	
14925.00†	7048.76	-51.99	-7289.89	7026.76	7048.76	2.51	-8373.43	94.96	1084.91	156.54	6.96	PASS	
15025.00†	7048.11	-54.38	-7389.86	7026.11	7048.11	2.51	-8373.43	94.50	985.21	158.25	6.25	PASS	
15125.00†	7047.47	-56.76	-7489.83	7025.47	7047.47	2.51	-8373.43	94.05	885.59	160.49	5.54	PASS	
15225.00†	7046.82	-59.14	-7589.80	7024.82	7046.82	2.51	-8373.43	93.59	786.05	163.50	4.82	PASS	
15325.00†	7046.18	-61.53	-7689.77	7024.18	7046.18	2.51	-8373.43	93.13	686.65	167.69	4.11	PASS	
15425.00†	7045.54	-63.91	-7789.74	7023.54	7045.54	2.51	-8373.43	92.67	587.46	173.73	3.39	PASS	
15525.00†	7044.89	-66.29	-7889.71	7022.89	7044.89	2.51	-8373.43	92.21	488.59	182.83	2.68	PASS	
15625.00†	7044.25	-68.68	-7989.68	7022.25	7044.25	2.51	-8373.43	91.75	390.30	197.41	1.98	PASS	
15725.00†	7043.60	-71.06	-8089.65	7021.60	7043.60	2.51	-8373.43	91.30	293.17	222.96	1.32	PASS	
15825.00†	7042.96	-73.44	-8189.62	7020.96	7042.96	2.51	-8373.43	90.84	198.89	274.08	0.72	FAIL	
15925.00†	7042.31	-75.83	-8289.59	7020.31	7042.31	2.51	-8373.43	90.38	114.75	394.90	0.29	FAIL	
16006.91†	7041.79	-77.78	-8371.47	7019.76	7041.76	2.51	-8373.43	89.98	80.32	520.99	0.15	FAIL	
16007.31†	7041.78	-77.79	-8371.87	7019.78	7041.78	2.51	-8373.43	90.00	80.32	521.01	0.15	FAIL	
16025.00†	7041.67	-78.21	-8389.56	7019.67	7041.67	2.51	-8373.43	89.92	82.32	511.88	0.16	FAIL	
16125.00†	7041.03	-80.59	-8489.53	7019.03	7041.03	2.51	-8373.43	89.46	142.78	345.13	0.41	FAIL	
16225.00†	7040.38	-82.98	-8589.49	7018.38	7040.38	2.51	-8373.43	89.00	232.36	258.35	0.90	FAIL	
16325.00†	7039.74	-85.36	-8689.46	7017.74	7039.74	2.51	-8373.43	88.54	328.02	219.30	1.50	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 9 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: EX. LINDBLAD 20-21 AWB Offset Wellpath: EX. LINDBLAD 20-21 AWP

Facility: SEC.20-T06N-R66W		Slot: SLOT#03 EX. LINDBLAD 20-21 (660'FNL & 1987'FWL, PR, CODL)				Well: EX. LINDBLAD 20-21		Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
16425.00†	7039.09	-87.74	-8789.43	7017.09	7039.09	2.51	-8373.43	88.08	425.68	198.50	2.15	PASS
16525.00†	7038.45	-90.13	-8889.40	7016.45	7038.45	2.51	-8373.43	87.62	524.22	186.04	2.82	PASS
16625.00†	7037.81	-92.51	-8989.37	7015.81	7037.81	2.51	-8373.43	87.16	623.23	177.99	3.51	PASS
16725.00†	7037.16	-94.89	-9089.34	7015.16	7037.16	2.51	-8373.43	86.70	722.51	172.48	4.20	PASS
16825.00†	7036.52	-97.28	-9189.31	7014.52	7036.52	2.51	-8373.43	86.25	821.96	168.55	4.89	PASS
16925.00†	7035.87	-99.66	-9289.28	7013.87	7035.87	2.51	-8373.43	85.79	921.53	165.65	5.58	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: EX. LINDBLAD 20-21 AWB Offset Wellpath: EX. LINDBLAD 20-21 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: EX. LINDBLAD 20-21 AWB Offset Wellpath: EX. LINDBLAD 20-21 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7315.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7315>	EX. LINDBLAD 20-21 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: EX. LINDBLAD 20-21 AWB Offset Wellpath: EX. LINDBLAD 20-21 AWP

MD Reference: Rig on SLOT#03 LINDBLAD 20-21 (660'FNL & 1987'FWL, PR, CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4755.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 10 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LEFFLER FARM 1-21 AWB Offset Wellpath: EX. LEFFLER FARM 1-21 AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#05 EX. LEFFLER FARM 1-21 (860'FNL & 1980'FWL, PA, CODL) Well: EX. LEFFLER FARM 1-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	3.00	25.00	-121.49	-3076.31	-92.26	3078.71	50.17	62.54	PASS	
125.00†	125.00	0.00	0.00	103.00	125.00	-121.49	-3076.31	-92.26	3078.71	50.40	62.25	PASS	
225.00†	225.00	0.00	0.00	203.00	225.00	-121.49	-3076.31	-92.26	3078.71	51.37	61.06	PASS	
300.00	300.00	0.00	0.00	278.00	300.00	-121.49	-3076.31	-92.26	3078.71	52.61	59.59	PASS	
325.00†	325.00	0.02	0.11	303.00	325.00	-121.49	-3076.31	-172.60	3078.82	53.05	59.10	PASS	
425.00†	424.96	0.46	2.69	402.96	424.96	-121.49	-3076.31	-172.60	3081.41	55.34	56.65	PASS	
525.00†	524.77	1.48	8.71	502.77	524.77	-121.49	-3076.31	-172.60	3087.47	58.14	53.98	PASS	
625.00†	624.30	3.09	18.15	602.30	624.30	-121.49	-3076.31	-172.59	3096.97	61.30	51.31	PASS	
660.88	659.93	3.81	22.38	637.93	659.93	-121.49	-3076.31	-172.59	3101.22	62.52	50.37	PASS	
725.00†	723.54	5.16	30.32	701.54	723.54	-121.49	-3076.31	-172.61	3109.21	64.68	48.78	PASS	
825.00†	822.75	7.27	42.70	800.75	822.75	-121.49	-3076.31	-172.64	3121.67	68.25	46.38	PASS	
925.00†	921.95	9.38	55.09	899.95	921.95	-121.49	-3076.31	-172.67	3134.13	71.99	44.11	PASS	
1025.00†	1021.16	11.49	67.48	999.16	1021.16	-121.49	-3076.31	-172.70	3146.60	75.86	42.00	PASS	
1125.00†	1120.37	13.60	79.86	1098.37	1120.37	-121.49	-3076.31	-172.73	3159.06	79.83	40.04	PASS	
1225.00†	1219.58	15.71	92.25	1197.58	1219.58	-121.49	-3076.31	-172.76	3171.53	83.89	38.24	PASS	
1325.00†	1318.78	17.82	104.63	1296.78	1318.78	-121.49	-3076.31	-172.79	3183.99	88.01	36.57	PASS	
1425.00†	1417.99	19.93	117.02	1395.99	1417.99	-121.49	-3076.31	-172.82	3196.46	92.18	35.03	PASS	
1525.00†	1517.20	22.04	129.40	1495.20	1517.20	-121.49	-3076.31	-172.84	3208.92	96.40	33.61	PASS	
1625.00†	1616.41	24.15	141.79	1594.41	1616.41	-121.49	-3076.31	-172.87	3221.39	100.67	32.30	PASS	
1725.00†	1715.61	26.25	154.17	1693.61	1715.61	-121.49	-3076.31	-172.90	3233.86	104.96	31.09	PASS	
1825.00†	1814.82	28.36	166.56	1792.82	1814.82	-121.49	-3076.31	-172.93	3246.33	108.99	29.97	PASS	
1925.00†	1914.03	30.47	178.95	1892.03	1914.03	-121.49	-3076.31	-172.95	3258.80	113.27	28.94	PASS	
2025.00†	2013.24	32.58	191.33	1991.24	2013.24	-121.49	-3076.31	-172.98	3271.27	117.58	27.98	PASS	
2125.00†	2112.44	34.69	203.72	2090.44	2112.44	-121.49	-3076.31	-173.01	3283.74	121.92	27.08	PASS	
2225.00†	2211.65	36.80	216.10	2189.65	2211.65	-121.49	-3076.31	-173.03	3296.21	126.28	26.24	PASS	
2325.00†	2310.86	38.91	228.49	2288.86	2310.86	-121.49	-3076.31	-173.06	3308.69	130.67	25.45	PASS	
2425.00†	2410.07	41.02	240.87	2388.07	2410.07	-121.49	-3076.31	-173.09	3321.16	135.08	24.71	PASS	
2525.00†	2509.28	43.13	253.26	2487.28	2509.28	-121.49	-3076.31	-173.11	3333.63	139.50	24.01	PASS	
2625.00†	2608.48	45.24	265.64	2586.48	2608.48	-121.49	-3076.31	-173.14	3346.11	143.95	23.36	PASS	
2725.00†	2707.69	47.35	278.03	2685.69	2707.69	-121.49	-3076.31	-173.16	3358.59	148.41	22.73	PASS	
2825.00†	2806.90	49.46	290.41	2784.90	2806.90	-121.49	-3076.31	-173.19	3371.06	152.90	22.15	PASS	
2925.00†	2906.11	51.56	302.80	2884.11	2906.11	-121.49	-3076.31	-173.21	3383.54	157.40	21.59	PASS	
3025.00†	3005.31	53.67	315.19	2983.31	3005.31	-121.49	-3076.31	-173.24	3396.02	161.91	21.06	PASS	
3125.00†	3104.52	55.78	327.57	3082.52	3104.52	-121.49	-3076.31	-173.26	3408.49	166.44	20.56	PASS	
3225.00†	3203.73	57.89	339.96	3181.73	3203.73	-121.49	-3076.31	-173.29	3420.97	170.99	20.09	PASS	
3325.00†	3302.94	60.00	352.34	3280.94	3302.94	-121.49	-3076.31	-173.31	3433.45	175.54	19.63	PASS	
3425.00†	3402.14	62.11	364.73	3380.14	3402.14	-121.49	-3076.31	-173.34	3445.93	180.12	19.20	PASS	
3525.00†	3501.35	64.22	377.11	3479.35	3501.35	-121.49	-3076.31	-173.36	3458.41	184.70	18.79	PASS	
3625.00†	3600.56	66.33	389.50	3578.56	3600.56	-121.49	-3076.31	-173.39	3470.89	189.30	18.40	PASS	
3725.00†	3699.77	68.44	401.88	3677.77	3699.77	-121.49	-3076.31	-173.41	3483.37	193.91	18.03	PASS	
3825.00†	3798.97	70.55	414.27	3776.97	3798.97	-121.49	-3076.31	-173.43	3495.86	198.53	17.67	PASS	
3925.00†	3898.18	72.66	426.65	3876.18	3898.18	-121.49	-3076.31	-173.46	3508.34	203.16	17.33	PASS	
4025.00†	3997.39	74.76	439.04	3975.39	3997.39	-121.49	-3076.31	-173.48	3520.82	207.81	17.00	PASS	
4125.00†	4096.60	76.87	451.43	4074.60	4096.60	-121.49	-3076.31	-173.50	3533.31	212.46	16.68	PASS	
4225.00†	4195.80	78.98	463.81	4173.80	4195.80	-121.49	-3076.31	-173.53	3545.79	217.13	16.38	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 11 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LEFFLER FARM 1-21 AWB Offset Wellpath: EX. LEFFLER FARM 1-21 AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#05 EX. LEFFLER FARM 1-21 (860'FNL & 1980'FWL, PA, CODL) Well: EX. LEFFLER FARM 1-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4273.01	4295.01	-121.49	-3076.31	-173.55	3558.28	221.80	16.09	PASS	
4425.00†	4394.22	83.20	488.58	4372.22	4394.22	-121.49	-3076.31	-173.57	3570.76	226.48	15.81	PASS	
4525.00†	4493.43	85.31	500.97	4471.43	4493.43	-121.49	-3076.31	-173.59	3583.25	231.18	15.54	PASS	
4625.00†	4592.64	87.42	513.35	4570.64	4592.64	-121.49	-3076.31	-173.62	3595.74	235.88	15.29	PASS	
4725.00†	4691.84	89.53	525.74	4669.84	4691.84	-121.49	-3076.31	-173.64	3608.22	240.59	15.04	PASS	
4825.00†	4791.05	91.64	538.12	4769.05	4791.05	-121.49	-3076.31	-173.66	3620.71	245.30	14.80	PASS	
4925.00†	4890.26	93.75	550.51	4868.26	4890.26	-121.49	-3076.31	-173.68	3633.20	250.03	14.57	PASS	
5025.00†	4989.47	95.86	562.89	4967.47	4989.47	-121.49	-3076.31	-173.70	3645.69	254.76	14.35	PASS	
5125.00†	5088.67	97.97	575.28	5066.67	5088.67	-121.49	-3076.31	-173.73	3658.18	259.51	14.13	PASS	
5225.00†	5187.88	100.07	587.67	5165.88	5187.88	-121.49	-3076.31	-173.75	3670.67	264.25	13.93	PASS	
5325.00†	5287.09	102.18	600.05	5265.09	5287.09	-121.49	-3076.31	-173.77	3683.16	269.01	13.73	PASS	
5425.00†	5386.30	104.29	612.44	5364.30	5386.30	-121.49	-3076.31	-173.79	3695.65	273.77	13.53	PASS	
5525.00†	5485.50	106.40	624.82	5463.50	5485.50	-121.49	-3076.31	-173.81	3708.14	278.54	13.34	PASS	
5625.00†	5584.71	108.51	637.21	5562.71	5584.71	-121.49	-3076.31	-173.83	3720.63	283.32	13.16	PASS	
5725.00†	5683.92	110.62	649.59	5661.92	5683.92	-121.49	-3076.31	-173.85	3733.13	288.10	12.99	PASS	
5825.00†	5783.13	112.73	661.98	5761.13	5783.13	-121.49	-3076.31	-173.87	3745.62	292.88	12.82	PASS	
5925.00†	5882.33	114.84	674.36	5860.33	5882.33	-121.49	-3076.31	-173.89	3758.11	297.68	12.65	PASS	
6025.00†	5981.54	116.95	686.75	5959.54	5981.54	-121.49	-3076.31	-173.91	3770.61	302.48	12.49	PASS	
6125.00†	6080.75	119.06	699.13	6058.75	6080.75	-121.49	-3076.31	-173.93	3783.10	307.28	12.34	PASS	
6225.00†	6179.96	121.17	711.52	6157.96	6179.96	-121.49	-3076.31	-173.95	3795.59	312.03	12.19	PASS	
6325.00†	6279.17	123.27	723.91	6257.17	6279.17	-121.49	-3076.31	-173.97	3808.09	316.90	12.04	PASS	
6425.00†	6378.37	125.38	736.29	6356.37	6378.37	-121.49	-3076.31	-173.99	3820.59	321.72	11.90	PASS	
6428.02	6381.37	125.45	736.66	6359.37	6381.37	-121.49	-3076.31	-173.99	3820.96	321.87	11.90	PASS	
6525.00†	6478.12	127.33	741.32	6456.12	6478.12	-121.49	-3076.31	-35.84	3825.73	326.56	11.74	PASS	
6625.00†	6577.44	128.90	730.68	6555.44	6577.44	-121.49	-3076.31	-8.14	3815.22	331.58	11.53	PASS	
6725.00†	6673.88	130.05	704.65	6651.88	6673.88	-121.49	-3076.31	-5.73	3789.32	337.02	11.27	PASS	
6825.00†	6765.06	130.75	663.85	6743.06	6765.06	-121.49	-3076.31	-5.04	3748.66	342.03	10.98	PASS	
6925.00†	6848.75	130.99	609.29	6826.75	6848.75	-121.49	-3076.31	-4.95	3694.24	346.54	10.68	PASS	
7025.00†	6922.87	130.76	542.32	6900.87	6922.87	-121.49	-3076.31	-5.27	3627.42	350.46	10.37	PASS	
7125.00†	6985.61	130.07	464.59	6963.61	6985.61	-121.49	-3076.31	-6.05	3549.82	353.69	10.05	PASS	
7225.00†	7035.42	128.94	378.00	7013.42	7035.42	-121.49	-3076.31	-7.63	3463.38	356.20	9.74	PASS	
7325.00†	7071.07	127.38	284.70	7049.07	7071.07	-121.49	-3076.31	-11.16	3370.21	357.95	9.43	PASS	
7425.00†	7091.69	125.45	186.97	7069.69	7091.69	-121.49	-3076.31	-22.83	3272.61	358.94	9.13	PASS	
7511.52	7097.00	123.50	100.71	7075.00	7097.00	-121.49	-3076.31	-96.97	3186.45	359.19	8.89	PASS	
7525.00†	7096.91	123.18	87.23	7074.91	7096.91	-121.49	-3076.31	-96.94	3172.98	359.19	8.85	PASS	
7625.00†	7096.26	120.81	-12.74	7074.26	7096.26	-121.49	-3076.31	-96.73	3073.13	359.18	8.57	PASS	
7725.00†	7095.61	118.43	-112.71	7073.61	7095.61	-121.49	-3076.31	-96.51	2973.29	359.17	8.29	PASS	
7825.00†	7094.96	116.05	-212.68	7072.96	7094.96	-121.49	-3076.31	-96.29	2873.46	359.16	8.01	PASS	
7925.00†	7094.31	113.68	-312.65	7072.31	7094.31	-121.49	-3076.31	-96.07	2773.64	359.16	7.74	PASS	
8025.00†	7093.66	111.30	-412.62	7071.66	7093.66	-121.49	-3076.31	-95.86	2673.84	359.17	7.46	PASS	
8125.00†	7093.01	108.92	-512.59	7071.01	7093.01	-121.49	-3076.31	-95.64	2574.05	359.19	7.18	PASS	
8225.00†	7092.36	106.55	-612.56	7070.36	7092.36	-121.49	-3076.31	-95.42	2474.28	359.21	6.90	PASS	
8325.00†	7091.70	104.17	-712.53	7069.70	7091.70	-121.49	-3076.31	-95.20	2374.53	359.25	6.62	PASS	
8425.00†	7091.05	101.79	-812.50	7069.05	7091.05	-121.49	-3076.31	-94.98	2274.79	359.29	6.34	PASS	
8525.00†	7090.40	99.41	-912.47	7068.40	7090.40	-121.49	-3076.31	-94.76	2175.09	359.36	6.06	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 12 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LEFFLER FARM 1-21 AWB Offset Wellpath: EX. LEFFLER FARM 1-21 AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#05 EX. LEFFLER FARM 1-21 (860'FNL & 1980'FWL, PA, CODL) Well: EX. LEFFLER FARM 1-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7067.75	7089.75	-121.49	-3076.31	-94.55	2075.41	359.44	5.78	PASS	
8725.00†	7089.10	94.66	-1112.41	7067.10	7089.10	-121.49	-3076.31	-94.33	1975.76	359.54	5.50	PASS	
8825.00†	7088.45	92.28	-1212.38	7066.45	7088.45	-121.49	-3076.31	-94.11	1876.15	359.67	5.22	PASS	
8861.52	7088.21	91.42	-1248.88	7066.21	7088.21	-121.49	-3076.31	-94.03	1839.79	359.72	5.12	PASS	
8925.00†	7087.80	88.85	-1312.31	7065.80	7087.80	-121.49	-3076.31	-96.03	1776.49	359.81	4.95	PASS	
9025.00†	7087.14	80.54	-1411.95	7065.14	7087.14	-121.49	-3076.31	-119.78	1676.57	359.88	4.67	PASS	
9125.00†	7086.49	67.03	-1511.02	7064.49	7086.49	-121.49	-3076.31	98.86	1576.60	359.83	4.39	PASS	
9216.11	7085.90	50.22	-1600.55	7063.90	7085.90	-121.49	-3076.31	93.97	1485.71	359.69	4.14	PASS	
9225.00†	7085.84	48.37	-1609.25	7063.84	7085.84	-121.49	-3076.31	93.94	1476.86	359.67	4.11	PASS	
9316.11	7085.25	29.43	-1698.37	7063.25	7085.25	-121.49	-3076.31	93.70	1386.18	359.48	3.86	PASS	
9325.00†	7085.19	27.60	-1707.07	7063.19	7085.19	-121.49	-3076.31	93.86	1377.33	359.46	3.84	PASS	
9425.00†	7084.53	9.84	-1805.47	7062.53	7084.53	-121.49	-3076.31	97.52	1277.61	359.31	3.56	PASS	
9525.00†	7083.88	-2.75	-1904.66	7061.88	7083.88	-121.49	-3076.31	-171.83	1177.66	359.26	3.28	PASS	
9625.00†	7083.23	-10.13	-2004.37	7061.23	7083.23	-121.49	-3076.31	-96.66	1077.71	359.32	3.00	PASS	
9674.43	7082.91	-11.85	-2053.77	7060.91	7082.91	-121.49	-3076.31	-94.37	1028.40	359.40	2.87	PASS	
9725.00†	7082.58	-12.95	-2104.32	7060.58	7082.58	-121.49	-3076.31	-94.15	978.03	359.53	2.72	PASS	
9825.00†	7081.93	-15.13	-2204.30	7059.93	7081.93	-121.49	-3076.31	-93.73	878.47	359.87	2.44	PASS	
9925.00†	7081.27	-17.31	-2304.27	7059.27	7081.27	-121.49	-3076.31	-93.30	779.03	360.40	2.16	PASS	
10025.00†	7080.62	-19.49	-2404.25	7058.62	7080.62	-121.49	-3076.31	-92.88	679.76	361.23	1.88	PASS	
10125.00†	7079.97	-21.68	-2504.22	7057.97	7079.97	-121.49	-3076.31	-92.45	580.73	362.58	1.60	PASS	
10225.00†	7079.32	-23.86	-2604.19	7057.32	7079.32	-121.49	-3076.31	-92.03	482.10	364.92	1.32	PASS	
10325.00†	7078.67	-26.04	-2704.17	7056.67	7078.67	-121.49	-3076.31	-91.60	384.19	369.26	1.04	PASS	
10425.00†	7078.02	-28.22	-2804.14	7056.02	7078.02	-121.49	-3076.31	-91.17	287.70	378.05	0.76	FAIL	
10525.00†	7077.37	-30.40	-2904.12	7055.37	7077.37	-121.49	-3076.31	-90.74	194.80	398.17	0.49	FAIL	
10625.00†	7076.72	-32.58	-3004.09	7054.72	7076.72	-121.49	-3076.31	-90.32	114.54	448.74	0.25	FAIL	
10699.01†	7076.24	-34.20	-3078.08	7054.36	7076.36	-121.49	-3076.31	-90.08	87.31	492.44	0.18	FAIL	
10700.13†	7076.23	-34.22	-3079.21	7054.23	7076.23	-121.49	-3076.31	-90.00	87.32	492.52	0.18	FAIL	
10725.00†	7076.07	-34.76	-3104.07	7054.07	7076.07	-121.49	-3076.31	-89.89	91.06	487.78	0.19	FAIL	
10825.00†	7075.42	-36.95	-3204.04	7053.42	7075.42	-121.49	-3076.31	-89.46	153.17	428.68	0.36	FAIL	
10925.00†	7074.76	-39.13	-3304.01	7052.76	7074.76	-121.49	-3076.31	-89.04	242.14	397.49	0.61	FAIL	
11025.00†	7074.11	-41.31	-3403.99	7052.11	7074.11	-121.49	-3076.31	-88.61	337.34	383.51	0.88	FAIL	
11125.00†	7073.46	-43.49	-3503.96	7051.46	7073.46	-121.49	-3076.31	-88.18	434.71	376.26	1.16	PASS	
11174.43	7073.14	-44.57	-3553.38	7051.14	7073.14	-121.49	-3076.31	-87.97	483.23	373.91	1.29	PASS	
11225.00†	7072.81	-46.34	-3603.92	7050.81	7072.81	-121.49	-3076.31	-88.06	532.93	371.90	1.43	PASS	
11249.77	7072.65	-47.70	-3628.64	7050.65	7072.65	-121.49	-3076.31	-88.10	557.24	370.98	1.50	PASS	
11325.00†	7072.16	-52.30	-3703.73	7050.16	7072.16	-121.49	-3076.31	-87.84	631.23	368.66	1.71	PASS	
11425.00†	7071.51	-58.42	-3803.54	7049.51	7071.51	-121.49	-3076.31	-87.50	729.96	366.49	1.99	PASS	
11525.00†	7070.86	-64.55	-3903.36	7048.86	7070.86	-121.49	-3076.31	-87.15	829.00	364.99	2.27	PASS	
11625.00†	7070.21	-70.67	-4003.17	7048.21	7070.21	-121.49	-3076.31	-86.80	928.25	363.92	2.55	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. LEFFLER FARM 1-21 AWB Offset Wellpath: EX. LEFFLER FARM 1-21 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 13 of 190



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

WELLPATH COMPOSITION - Offset Wellbore: EX. LEFFLER FARM 1-21 AWB Offset Wellpath: EX. LEFFLER FARM 1-21 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7320.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7320>	EX. LEFFLER FARM 1-21 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. LEFFLER FARM 1-21 AWB Offset Wellpath: EX. LEFFLER FARM 1-21 AWP	
MD Reference: Rig on SLOT#05 EX. LEFFLER FARM 1-21 (860'FNL & 1980'FWL, PA, CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 14 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#17 DONN 4N-20B-L (818'FNL & 251'FEL, SEC.21) Well: DONN 4N-20B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	25.00	25.00	-20.04	-0.28	-179.21	20.04	1.56	31.79	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	-20.04	-0.28	-179.21	20.04	1.88	20.83	PASS	
225.00†	225.00	0.00	0.00	224.99	224.99	-20.04	-0.17	-179.52	20.04	2.44	12.95	PASS	
300.00	300.00	0.00	0.00	299.93	299.91	-20.12	1.46	175.84	20.18	2.89	9.98	PASS	
325.00†	325.00	0.02	0.11	324.89	324.85	-20.17	2.44	93.07	20.33	3.04	9.31	PASS	
425.00†	424.96	0.46	2.69	424.65	424.42	-20.47	8.51	84.05	21.73	3.81	7.29	PASS	
525.00†	524.77	1.48	8.71	524.28	523.58	-20.95	18.03	76.91	24.32	4.78	6.13	PASS	
625.00†	624.30	3.09	18.15	624.10	622.66	-21.55	30.17	73.40	27.46	5.66	5.64	PASS	
660.88	659.93	3.81	22.38	659.96	658.25	-21.77	34.58	73.86	28.39	5.92	5.53	PASS	
725.00†	723.54	5.16	30.32	724.06	721.86	-22.16	42.48	75.40	29.95	6.38	5.35	PASS	
825.00†	822.75	7.27	42.70	824.02	821.06	-22.77	54.78	77.49	32.42	7.17	5.07	PASS	
925.00†	921.95	9.38	55.09	923.99	920.26	-23.38	67.09	79.29	34.93	8.03	4.81	PASS	
1025.00†	1021.16	11.49	67.48	1023.95	1019.46	-23.99	79.39	80.84	37.47	8.93	4.58	PASS	
1125.00†	1120.37	13.60	79.86	1123.91	1118.66	-24.60	91.70	82.20	40.03	9.86	4.39	PASS	
1225.00†	1219.58	15.71	92.25	1223.87	1217.87	-25.21	104.01	83.39	42.61	10.80	4.24	PASS	
1325.00†	1318.78	17.82	104.63	1323.84	1317.07	-25.82	116.31	84.45	45.21	11.77	4.10	PASS	
1425.00†	1417.99	19.93	117.02	1423.80	1416.27	-26.43	128.62	85.39	47.82	12.74	3.98	PASS	
1525.00†	1517.20	22.04	129.40	1523.76	1515.47	-27.04	140.93	86.23	50.45	13.71	3.88	PASS	
1625.00†	1616.41	24.15	141.79	1623.73	1614.67	-27.66	153.23	86.99	53.08	14.69	3.80	PASS	
1725.00†	1715.61	26.25	154.17	1723.69	1713.87	-28.27	165.54	87.68	55.72	15.67	3.72	PASS	
1825.00†	1814.82	28.36	166.56	1823.65	1813.07	-28.88	177.85	88.30	58.37	15.93	3.73	PASS	
1925.00†	1914.03	30.47	178.95	1923.61	1912.27	-29.49	190.15	88.88	61.02	16.03	3.94	PASS	
2025.00†	2013.24	32.58	191.33	2023.58	2011.47	-30.10	202.46	89.40	63.68	16.21	4.06	PASS	
2125.00†	2112.44	34.69	203.72	2123.54	2110.67	-30.71	214.77	89.88	66.35	16.45	4.17	PASS	
2225.00†	2211.65	36.80	216.10	2223.50	2209.87	-31.32	227.07	90.32	69.02	16.77	4.25	PASS	
2325.00†	2310.86	38.91	228.49	2323.47	2309.07	-31.93	239.38	90.74	71.69	17.16	4.32	PASS	
2425.00†	2410.07	41.02	240.87	2423.43	2408.27	-32.54	251.69	91.12	74.37	17.60	4.36	PASS	
2525.00†	2509.28	43.13	253.26	2523.39	2507.47	-33.15	263.99	91.47	77.05	18.11	4.39	PASS	
2625.00†	2608.48	45.24	265.64	2623.36	2606.67	-33.76	276.30	91.80	79.73	18.66	4.40	PASS	
2725.00†	2707.69	47.35	278.03	2723.32	2705.88	-34.37	288.61	92.11	82.42	19.27	4.40	PASS	
2825.00†	2806.90	49.46	290.41	2823.28	2805.08	-34.98	300.91	92.40	85.11	19.92	4.39	PASS	
2925.00†	2906.11	51.56	302.80	2923.24	2904.28	-35.59	313.22	92.67	87.80	20.60	4.38	PASS	
3025.00†	3005.31	53.67	315.19	3023.21	3003.48	-36.20	325.53	92.93	90.49	21.33	4.35	PASS	
3125.00†	3104.52	55.78	327.57	3123.17	3102.68	-36.82	337.83	93.17	93.18	22.08	4.33	PASS	
3225.00†	3203.73	57.89	339.96	3223.13	3201.88	-37.43	350.14	93.40	95.88	22.87	4.30	PASS	
3325.00†	3302.94	60.00	352.34	3323.10	3301.08	-38.04	362.45	93.61	98.57	23.67	4.26	PASS	
3425.00†	3402.14	62.11	364.73	3423.06	3400.28	-38.65	374.75	93.82	101.27	24.51	4.23	PASS	
3525.00†	3501.35	64.22	377.11	3523.02	3499.48	-39.26	387.06	94.01	103.97	25.36	4.19	PASS	
3625.00†	3600.56	66.33	389.50	3622.99	3598.68	-39.87	399.37	94.20	106.67	26.23	4.15	PASS	
3725.00†	3699.77	68.44	401.88	3722.95	3697.88	-40.48	411.67	94.37	109.37	27.12	4.11	PASS	
3825.00†	3798.97	70.55	414.27	3822.91	3797.08	-41.09	423.98	94.54	112.07	28.02	4.08	PASS	
3925.00†	3898.18	72.66	426.65	3922.87	3896.28	-41.70	436.29	94.69	114.78	28.94	4.04	PASS	
4025.00†	3997.39	74.76	439.04	4022.84	3995.48	-42.31	448.59	94.84	117.48	29.87	4.00	PASS	
4125.00†	4096.60	76.87	451.43	4122.80	4094.68	-42.92	460.90	94.99	120.19	30.81	3.97	PASS	
4225.00†	4195.80	78.98	463.81	4222.76	4193.89	-43.53	473.21	95.13	122.89	31.76	3.93	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 15 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#17 DONN 4N-20B-L (818'FNL & 251'FEL, SEC.21) Well: DONN 4N-20B-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4322.73	4293.09	-44.14	485.51	95.26	125.60	32.72	3.90	PASS	
4425.00†	4394.22	83.20	488.58	4422.69	4392.29	-44.75	497.82	95.38	128.30	33.69	3.87	PASS	
4525.00†	4493.43	85.31	500.97	4522.65	4491.49	-45.37	510.13	95.51	131.01	34.67	3.84	PASS	
4625.00†	4592.64	87.42	513.35	4622.62	4590.69	-45.98	522.43	95.62	133.72	35.65	3.81	PASS	
4725.00†	4691.84	89.53	525.74	4722.58	4689.89	-46.59	534.74	95.73	136.43	36.64	3.78	PASS	
4825.00†	4791.05	91.64	538.12	4822.54	4789.09	-47.20	547.04	95.84	139.14	37.64	3.75	PASS	
4925.00†	4890.26	93.75	550.51	4922.50	4888.29	-47.81	559.35	95.94	141.84	38.64	3.72	PASS	
5025.00†	4989.47	95.86	562.89	5022.47	4987.49	-48.42	571.66	96.04	144.55	39.65	3.69	PASS	
5125.00†	5088.67	97.97	575.28	5122.43	5086.69	-49.03	583.96	96.14	147.26	40.66	3.67	PASS	
5225.00†	5187.88	100.07	587.67	5222.39	5185.89	-49.64	596.27	96.23	149.97	41.68	3.64	PASS	
5325.00†	5287.09	102.18	600.05	5322.36	5285.09	-50.25	608.58	96.32	152.69	42.70	3.62	PASS	
5425.00†	5386.30	104.29	612.44	5422.32	5384.29	-50.86	620.88	96.40	155.40	43.72	3.60	PASS	
5525.00†	5485.50	106.40	624.82	5522.28	5483.49	-51.47	633.19	96.49	158.11	44.75	3.57	PASS	
5625.00†	5584.71	108.51	637.21	5622.24	5582.69	-52.08	645.50	96.57	160.82	45.78	3.55	PASS	
5725.00†	5683.92	110.62	649.59	5722.21	5681.90	-52.69	657.80	96.64	163.53	46.81	3.53	PASS	
5825.00†	5783.13	112.73	661.98	5822.17	5781.10	-53.30	670.11	96.72	166.24	47.85	3.51	PASS	
5925.00†	5882.33	114.84	674.36	5922.13	5880.30	-53.91	682.42	96.79	168.96	48.89	3.49	PASS	
6025.00†	5981.54	116.95	686.75	6022.10	5979.50	-54.53	694.72	96.86	171.67	49.93	3.47	PASS	
6125.00†	6080.75	119.06	699.13	6122.06	6078.70	-55.14	707.03	96.93	174.38	50.98	3.46	PASS	
6225.00†	6179.96	121.17	711.52	6222.02	6177.90	-55.75	719.34	97.00	177.10	52.02	3.44	PASS	
6325.00†	6279.17	123.27	723.91	6321.99	6277.10	-56.36	731.64	97.06	179.81	53.07	3.42	PASS	
6425.00†	6378.37	125.38	736.29	6422.06	6376.71	-57.05	743.95	98.15	182.48	54.12	3.40	PASS	
6428.02	6381.37	125.45	736.66	6425.06	6379.71	-57.08	740.75	98.25	182.58	54.15	3.40	PASS	
6525.00†	6478.12	127.33	741.32	6520.63	6475.02	-58.08	735.21	-120.17	185.53	56.49	3.31	PASS	
6625.00†	6577.44	128.90	730.68	6617.65	6569.82	-59.43	715.08	-89.08	189.12	61.06	3.12	PASS	
6725.00†	6673.88	130.05	704.65	6713.25	6659.18	-61.05	681.39	-83.50	193.07	62.21	3.13	PASS	
6825.00†	6765.06	130.75	663.85	6807.60	6741.44	-62.90	635.41	-79.89	197.15	62.97	3.16	PASS	
6925.00†	6848.75	130.99	609.29	6900.85	6815.20	-64.94	578.52	-77.11	201.19	64.22	3.16	PASS	
7025.00†	6922.87	130.76	542.32	6993.18	6879.26	-67.12	512.18	-74.92	204.86	65.90	3.13	PASS	
7125.00†	6985.61	130.07	464.59	7084.76	6932.67	-69.38	437.92	-73.23	208.08	68.25	3.07	PASS	
7225.00†	7035.42	128.94	378.00	7175.76	6974.65	-71.70	357.30	-72.01	210.66	71.30	2.97	PASS	
7325.00†	7071.07	127.38	284.70	7266.37	7004.61	-74.02	271.90	-71.21	212.47	75.02	2.85	PASS	
7425.00†	7091.69	125.45	186.97	7356.74	7022.11	-76.30	183.35	-70.85	213.44	79.28	2.71	PASS	
7511.52	7097.00	123.50	100.71	7434.87	7027.01	-78.21	105.45	-70.87	213.57	83.28	2.58	PASS	
7525.00†	7096.91	123.18	87.23	7447.85	7026.95	-78.52	92.47	-70.88	213.56	83.94	2.56	PASS	
7625.00†	7096.26	120.81	-12.74	7547.85	7026.35	-80.92	-7.50	-70.89	213.56	89.11	2.41	PASS	
7725.00†	7095.61	118.43	-112.71	7647.85	7025.75	-83.31	-107.47	-70.90	213.56	94.80	2.26	PASS	
7825.00†	7094.96	116.05	-212.68	7747.85	7025.14	-85.70	-207.44	-70.92	213.55	100.94	2.12	PASS	
7925.00†	7094.31	113.68	-312.65	7847.85	7024.54	-88.09	-307.41	-70.93	213.55	107.45	1.99	PASS	
8025.00†	7093.66	111.30	-412.62	7947.85	7023.94	-90.48	-407.38	-70.94	213.55	114.25	1.87	PASS	
8125.00†	7093.01	108.92	-512.59	8047.85	7023.34	-92.87	-507.35	-70.96	213.54	121.31	1.76	PASS	
8225.00†	7092.36	106.55	-612.56	8147.85	7022.74	-95.26	-607.32	-70.97	213.54	128.59	1.66	PASS	
8325.00†	7091.70	104.17	-712.53	8247.85	7022.13	-97.65	-707.29	-70.99	213.54	136.03	1.57	PASS	
8425.00†	7091.05	101.79	-812.50	8347.85	7021.53	-100.04	-807.25	-71.00	213.54	143.63	1.49	PASS	
8525.00†	7090.40	99.41	-912.47	8447.85	7020.93	-102.43	-907.22	-71.01	213.53	151.36	1.41	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 16 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#17 DONN 4N-20B-L (818'FNL & 251'FEL, SEC.21) Well: DONN 4N-20B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	8547.85	7020.33	-104.82	-1007.19	-71.03	213.53	159.19	1.34	PASS	
8725.00†	7089.10	94.66	-1112.41	8647.85	7019.72	-107.21	-1107.16	-71.04	213.53	167.12	1.28	PASS	
8825.00†	7088.45	92.28	-1212.38	8747.85	7019.12	-109.61	-1207.13	-71.05	213.53	175.13	1.22	PASS	
8861.52	7088.21	91.42	-1248.88	8784.36	7018.90	-110.48	-1243.64	-71.06	213.52	178.08	1.20	PASS	
8925.00†	7087.80	88.85	-1312.31	8847.84	7018.52	-112.00	-1307.09	-70.98	212.52	183.11	1.16	PASS	
9025.00†	7087.14	80.54	-1411.95	8947.65	7017.92	-114.38	-1406.87	-70.42	206.92	190.65	1.09	PASS	
9125.00†	7086.49	67.03	-1511.02	9047.02	7017.32	-116.76	-1506.21	-69.25	196.43	197.47	0.99	FAIL	
9216.11	7085.90	50.22	-1600.55	9136.93	7016.78	-118.91	-1596.09	-67.50	182.76	202.67	0.90	FAIL	
9225.00†	7085.84	48.37	-1609.25	9145.67	7016.73	-119.12	-1604.83	-67.30	181.24	203.11	0.89	FAIL	
9316.11	7085.25	29.43	-1698.37	9235.21	7016.19	-121.26	-1694.35	-65.08	165.81	207.09	0.80	FAIL	
9325.00†	7085.19	27.60	-1707.07	9243.95	7016.14	-121.47	-1703.09	-64.86	164.33	207.42	0.79	FAIL	
9425.00†	7084.53	9.84	-1805.47	9342.75	7015.54	-123.83	-1801.85	-62.56	150.47	211.23	0.71	FAIL	
9525.00†	7083.88	-2.75	-1904.66	9442.21	7014.94	-126.21	-1901.29	-60.79	141.44	215.60	0.65	FAIL	
9625.00†	7083.23	-10.13	-2004.37	9542.08	7014.34	-128.59	-2001.12	-59.83	137.08	221.38	0.62	FAIL	
9674.43	7082.91	-11.85	-2053.77	9591.51	7014.04	-129.78	-2050.54	-59.73	136.60	224.97	0.61	FAIL	
9725.00†	7082.58	-12.95	-2104.32	9642.07	7013.74	-130.99	-2101.09	-59.76	136.68	228.93	0.60	FAIL	
9825.00†	7081.93	-15.13	-2204.30	9742.07	7013.14	-133.38	-2201.06	-59.82	136.84	236.77	0.58	FAIL	
9925.00†	7081.27	-17.31	-2304.27	9842.07	7012.53	-135.77	-2301.03	-59.88	136.99	244.65	0.56	FAIL	
10025.00†	7080.62	-19.49	-2404.25	9941.93	7011.93	-138.16	-2400.85	-59.94	137.15	252.56	0.54	FAIL	
10125.00†	7079.97	-21.68	-2504.22	10035.98	7011.37	-142.83	-2494.78	-60.50	139.55	261.36	0.53	FAIL	
10225.00†	7079.32	-23.86	-2604.19	10129.55	7010.80	-152.07	-2587.88	-61.91	146.28	271.67	0.54	FAIL	
10325.00†	7078.67	-26.04	-2704.17	10224.30	7010.23	-165.81	-2681.61	-63.94	157.26	283.20	0.55	FAIL	
10425.00†	7078.02	-28.22	-2804.14	10325.98	7009.62	-181.46	-2782.08	-65.97	169.25	295.95	0.57	FAIL	
10525.00†	7077.37	-30.40	-2904.12	10434.65	7008.96	-193.58	-2890.06	-67.27	177.50	308.07	0.58	FAIL	
10625.00†	7076.72	-32.58	-3004.09	10544.09	7008.30	-199.57	-2999.32	-67.72	180.52	317.85	0.57	FAIL	
10725.00†	7076.07	-34.76	-3104.07	10653.58	7007.63	-199.29	-3108.79	-67.41	178.25	325.24	0.55	FAIL	
10825.00†	7075.42	-36.95	-3204.04	10762.41	7006.97	-192.80	-3217.41	-66.28	170.74	329.87	0.52	FAIL	
10925.00†	7074.76	-39.13	-3304.01	10864.82	7006.36	-182.06	-3319.25	-64.41	159.19	332.99	0.48	FAIL	
11025.00†	7074.11	-41.31	-3403.99	10959.99	7005.78	-172.57	-3413.94	-62.48	148.31	336.98	0.44	FAIL	
11125.00†	7073.46	-43.49	-3503.96	11053.46	7005.22	-167.49	-3507.26	-61.17	141.57	342.20	0.41	FAIL	
11174.43	7073.14	-44.57	-3553.38	11099.87	7004.94	-166.66	-3553.66	-60.81	139.85	345.34	0.40	FAIL	
11225.00†	7072.81	-46.34	-3603.92	11147.39	7004.65	-166.99	-3601.18	-60.54	138.59	348.63	0.40	FAIL	
11249.77	7072.65	-47.70	-3628.64	11171.59	7004.51	-167.54	-3625.37	-60.38	137.90	350.11	0.39	FAIL	
11325.00†	7072.16	-52.30	-3703.73	11246.77	7004.06	-169.34	-3700.53	-59.81	135.45	354.22	0.38	FAIL	
11425.00†	7071.51	-58.42	-3803.54	11346.70	7003.46	-171.73	-3800.43	-59.02	132.21	359.42	0.37	FAIL	
11525.00†	7070.86	-64.55	-3903.36	11446.63	7002.86	-174.11	-3900.33	-58.18	128.99	364.31	0.35	FAIL	
11625.00†	7070.21	-70.67	-4003.17	11546.56	7002.26	-176.50	-4000.23	-57.30	125.80	368.85	0.34	FAIL	
11725.00†	7069.56	-76.79	-4102.98	11646.49	7001.66	-178.89	-4100.13	-56.38	122.65	373.00	0.33	FAIL	
11825.00†	7068.91	-82.91	-4202.79	11746.42	7001.06	-181.28	-4200.03	-55.41	119.53	376.73	0.32	FAIL	
11925.00†	7068.25	-89.04	-4302.60	11846.35	7000.46	-183.66	-4299.93	-54.38	116.44	379.99	0.31	FAIL	
12025.00†	7067.60	-95.16	-4402.41	11946.28	6999.86	-186.05	-4399.83	-53.31	113.39	382.73	0.29	FAIL	
12125.00†	7066.95	-101.28	-4502.22	12046.21	6999.26	-188.44	-4499.73	-52.17	110.39	384.90	0.29	FAIL	
12225.00†	7066.30	-107.40	-4602.03	12146.14	6998.65	-190.82	-4599.63	-50.97	107.43	386.43	0.28	FAIL	
12325.00†	7065.65	-113.52	-4701.84	12246.07	6998.05	-193.21	-4699.53	-49.70	104.52	387.27	0.27	FAIL	
12425.00†	7065.00	-119.65	-4801.65	12346.00	6997.45	-195.60	-4799.43	-48.36	101.67	387.34	0.26	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 17 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#17 DONN 4N-20B-L (818'FNL & 251'FEL, SEC.21) Well: DONN 4N-20B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	12445.93	6996.85	-197.99	-4899.33	-46.94	98.87	386.57	0.25	FAIL	
12625.00†	7063.70	-131.89	-5001.27	12545.86	6996.25	-200.37	-4999.23	-45.44	96.14	384.87	0.25	FAIL	
12725.00†	7063.05	-138.01	-5101.08	12645.79	6995.65	-202.76	-5099.13	-43.86	93.48	382.15	0.24	FAIL	
12825.00†	7062.40	-144.13	-5200.89	12745.72	6995.05	-205.15	-5199.03	-42.18	90.89	378.33	0.24	FAIL	
12925.00†	7061.74	-150.26	-5300.70	12845.65	6994.45	-207.53	-5298.93	-40.41	88.38	373.30	0.24	FAIL	
12949.77	7061.58	-151.77	-5325.42	12870.40	6994.31	-208.13	-5323.67	-39.96	87.78	371.86	0.23	FAIL	
13025.00†	7061.09	-154.90	-5400.58	12945.62	6993.85	-209.92	-5398.86	-39.31	86.90	372.10	0.23	FAIL	
13125.00†	7060.44	-154.47	-5500.57	13045.57	6993.25	-212.31	-5498.78	-40.68	88.67	387.75	0.23	FAIL	
13225.00†	7059.78	-148.80	-5600.39	13145.23	6992.65	-214.69	-5598.41	-44.28	94.08	418.69	0.22	FAIL	
13325.00†	7059.12	-137.92	-5699.79	13244.34	6992.06	-217.06	-5697.49	-49.31	103.75	458.30	0.23	FAIL	
13425.00†	7058.47	-121.86	-5798.47	13342.62	6991.47	-219.41	-5795.74	-54.85	118.37	498.74	0.24	FAIL	
13506.75	7057.93	-104.90	-5878.44	13422.16	6990.99	-221.31	-5875.26	-59.20	134.32	528.48	0.25	FAIL	
13525.00†	7057.81	-100.73	-5896.20	13439.82	6990.89	-221.73	-5892.91	-60.17	138.31	534.46	0.26	FAIL	
13606.75	7057.28	-82.06	-5975.79	13518.94	6990.41	-223.62	-5972.01	-63.90	156.60	557.39	0.28	FAIL	
13625.00†	7057.16	-77.98	-5993.58	13536.62	6990.30	-224.04	-5989.69	-64.66	160.68	561.77	0.29	FAIL	
13725.00†	7056.51	-58.64	-6091.68	13634.23	6989.72	-226.37	-6087.27	-67.85	180.59	581.45	0.31	FAIL	
13825.00†	7055.86	-44.46	-6190.65	13732.85	6989.13	-228.73	-6185.85	-69.86	196.03	596.54	0.33	FAIL	
13925.00†	7055.20	-35.48	-6290.24	13832.19	6988.53	-231.10	-6285.16	-71.08	206.73	608.95	0.34	FAIL	
14025.00†	7054.55	-31.73	-6390.15	13931.99	6987.93	-233.48	-6384.93	-71.71	212.54	619.52	0.34	FAIL	
14092.27	7054.12	-32.15	-6457.41	13999.24	6987.53	-235.09	-6452.16	-71.84	213.66	625.77	0.34	FAIL	
14125.00†	7053.91	-32.93	-6490.13	14031.97	6987.33	-235.87	-6484.89	-71.84	213.65	628.64	0.34	FAIL	
14225.00†	7053.26	-35.31	-6590.10	14131.97	6986.73	-238.26	-6584.86	-71.85	213.64	637.42	0.33	FAIL	
14325.00†	7052.62	-37.69	-6690.07	14231.97	6986.13	-240.65	-6684.82	-71.86	213.64	646.19	0.33	FAIL	
14425.00†	7051.98	-40.08	-6790.04	14331.97	6985.53	-243.04	-6784.79	-71.88	213.63	654.98	0.33	FAIL	
14525.00†	7051.33	-42.46	-6890.01	14431.97	6984.93	-245.43	-6884.76	-71.89	213.62	663.76	0.32	FAIL	
14625.00†	7050.69	-44.84	-6989.98	14531.97	6984.33	-247.82	-6984.73	-71.90	213.61	672.55	0.32	FAIL	
14725.00†	7050.04	-47.23	-7089.95	14631.97	6983.73	-250.21	-7084.70	-71.91	213.60	681.33	0.31	FAIL	
14825.00†	7049.40	-49.61	-7189.92	14731.97	6983.12	-252.59	-7184.67	-71.92	213.59	690.12	0.31	FAIL	
14925.00†	7048.76	-51.99	-7289.89	14831.97	6982.52	-254.98	-7284.64	-71.94	213.59	698.92	0.30	FAIL	
15025.00†	7048.11	-54.38	-7389.86	14931.97	6981.92	-257.37	-7384.61	-71.95	213.58	707.71	0.30	FAIL	
15125.00†	7047.47	-56.76	-7489.83	15031.97	6981.32	-259.76	-7484.58	-71.96	213.57	716.51	0.30	FAIL	
15225.00†	7046.82	-59.14	-7589.80	15131.97	6980.72	-262.15	-7584.55	-71.97	213.56	725.31	0.29	FAIL	
15325.00†	7046.18	-61.53	-7689.77	15231.97	6980.12	-264.54	-7684.52	-71.98	213.55	734.11	0.29	FAIL	
15425.00†	7045.54	-63.91	-7789.74	15331.97	6979.52	-266.93	-7784.49	-71.99	213.54	742.91	0.29	FAIL	
15525.00†	7044.89	-66.29	-7889.71	15431.97	6978.92	-269.32	-7884.46	-72.00	213.54	751.72	0.28	FAIL	
15625.00†	7044.25	-68.68	-7989.68	15531.97	6978.32	-271.70	-7984.43	-72.02	213.53	760.53	0.28	FAIL	
15725.00†	7043.60	-71.06	-8089.65	15631.97	6977.72	-274.09	-8084.40	-72.03	213.52	769.34	0.28	FAIL	
15825.00†	7042.96	-73.44	-8189.62	15731.97	6977.12	-276.48	-8184.37	-72.04	213.51	778.15	0.27	FAIL	
15925.00†	7042.31	-75.83	-8289.59	15831.97	6976.52	-278.87	-8284.34	-72.05	213.50	786.96	0.27	FAIL	
16025.00†	7041.67	-78.21	-8389.56	15931.97	6975.92	-281.26	-8384.31	-72.06	213.49	795.78	0.27	FAIL	
16125.00†	7041.03	-80.59	-8489.53	16031.97	6975.32	-283.65	-8484.28	-72.07	213.49	804.60	0.26	FAIL	
16225.00†	7040.38	-82.98	-8589.49	16131.97	6974.72	-286.04	-8584.25	-72.08	213.48	813.41	0.26	FAIL	
16325.00†	7039.74	-85.36	-8689.46	16231.97	6974.12	-288.43	-8684.22	-72.10	213.47	822.24	0.26	FAIL	
16425.00†	7039.09	-87.74	-8789.43	16331.97	6973.52	-290.81	-8784.19	-72.11	213.46	831.06	0.26	FAIL	
16525.00†	7038.45	-90.13	-8889.40	16431.97	6972.91	-293.20	-8884.16	-72.12	213.45	839.88	0.25	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 18 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-B.0)**

Facility: SEC.21-T06N-R66W Slot: SLOT#17 DONN 4N-20B-L (818'FNL & 251'FEL, SEC.21) Well: DONN 4N-20B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
16625.00†	7037.81	-92.51	-8989.37	16531.97	6972.31	-295.59	-8984.13	-72.13	213.45	848.71	0.25	FAIL	
16725.00†	7037.16	-94.89	-9089.34	16631.97	6971.71	-297.98	-9084.10	-72.14	213.44	857.54	0.25	FAIL	
16825.00†	7036.52	-97.28	-9189.31	16731.97	6971.11	-300.37	-9184.07	-72.15	213.43	866.37	0.25	FAIL	
16925.00†	7035.87	-99.66	-9289.28	16831.97	6970.51	-302.76	-9284.04	-72.17	213.42	875.20	0.24	FAIL	
17025.00†	7035.23	-102.04	-9389.25	16931.97	6969.91	-305.15	-9384.01	-72.18	213.41	884.03	0.24	FAIL	
17125.00†	7034.59	-104.43	-9489.22	17031.97	6969.31	-307.54	-9483.98	-72.19	213.40	892.86	0.24	FAIL	
17225.00†	7033.94	-106.81	-9589.19	17131.97	6968.71	-309.92	-9583.94	-72.20	213.40	901.70	0.24	FAIL	
17325.00†	7033.30	-109.19	-9689.16	17231.97	6968.11	-312.31	-9683.91	-72.21	213.39	910.54	0.23	FAIL	
17425.00†	7032.65	-111.58	-9789.13	17331.97	6967.51	-314.70	-9783.88	-72.22	213.38	919.38	0.23	FAIL	
17525.00†	7032.01	-113.96	-9889.10	17431.97	6966.91	-317.09	-9883.85	-72.24	213.37	928.22	0.23	FAIL	
17625.00†	7031.37	-116.34	-9989.07	17531.97	6966.31	-319.48	-9983.82	-72.25	213.36	937.06	0.23	FAIL	
17725.00†	7030.72	-118.73	-10089.04	17631.97	6965.71	-321.87	-10083.79	-72.26	213.36	945.90	0.22	FAIL	
17825.00†	7030.08	-121.11	-10189.01	17731.97	6965.11	-324.26	-10183.76	-72.27	213.35	954.75	0.22	FAIL	
17836.95	7030.00	-121.39	-10200.95	17743.92	6965.04	-324.54	-10195.71	-72.27	213.35	955.80	0.22	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-B.0)**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-B.0)**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	25.00	1739.98	-12.21	-0.17	-14.77	51.36
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1739.98	-12.21	-0.17	-14.77	51.36
8.5in Open Hole	1750.00	17749.81	15999.81	1739.98	6965.00	-14.77	51.36	-105.07	-3109.53

**SURVEY PROGRAM - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-B.0)**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 4N-20B-L PWB
1750.00	17749.81	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 4N-20B-L PWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-B.0)**

MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 19 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 4C-20-L PWB Offset Wellpath: DONN 4C-20-L PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21) Well: DONN 4C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	25.00	25.00	20.04	0.00	0.00	20.04	1.56	31.79	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	20.04	0.00	0.00	20.04	1.88	20.81	PASS	
225.00†	225.00	0.00	0.00	224.94	224.94	20.08	0.10	0.29	20.08	2.44	12.95	PASS	
300.00	300.00	0.00	0.00	299.71	299.69	20.67	1.62	4.47	20.73	2.94	9.98	PASS	
325.00†	325.00	0.02	0.11	324.61	324.57	21.02	2.53	-73.76	21.14	3.13	9.34	PASS	
425.00†	424.96	0.46	2.69	424.14	423.91	23.21	8.17	-66.71	23.43	4.14	7.08	PASS	
525.00†	524.77	1.48	8.71	523.54	522.86	26.65	17.01	-61.85	26.57	5.31	5.90	PASS	
625.00†	624.30	3.09	18.15	623.19	621.72	31.15	28.62	-59.57	30.06	6.24	5.51	PASS	
660.88	659.93	3.81	22.38	659.06	657.29	32.82	32.91	-60.04	30.98	6.48	5.44	PASS	
725.00†	723.54	5.16	30.32	723.16	720.86	35.81	40.60	-61.46	32.43	6.86	5.34	PASS	
825.00†	822.75	7.27	42.70	823.12	819.99	40.46	52.58	-63.44	34.73	7.54	5.13	PASS	
925.00†	921.95	9.38	55.09	923.09	919.13	45.11	64.56	-65.17	37.07	8.30	4.92	PASS	
1025.00†	1021.16	11.49	67.48	1023.06	1018.27	49.77	76.54	-66.69	39.44	9.12	4.72	PASS	
1125.00†	1120.37	13.60	79.86	1123.02	1117.41	54.42	88.52	-68.04	41.84	9.98	4.53	PASS	
1225.00†	1219.58	15.71	92.25	1222.99	1216.54	59.08	100.50	-69.24	44.25	10.91	4.35	PASS	
1325.00†	1318.78	17.82	104.63	1322.96	1315.68	63.73	112.48	-70.32	46.68	11.79	4.22	PASS	
1425.00†	1417.99	19.93	117.02	1422.92	1414.82	68.38	124.46	-71.29	49.13	12.72	4.10	PASS	
1525.00†	1517.20	22.04	129.40	1522.89	1513.95	73.04	136.45	-72.17	51.59	13.66	3.99	PASS	
1625.00†	1616.41	24.15	141.79	1622.86	1613.09	77.69	148.43	-72.97	54.06	14.62	3.89	PASS	
1725.00†	1715.61	26.25	154.17	1722.82	1712.23	82.34	160.41	-73.70	56.54	15.58	3.80	PASS	
1825.00†	1814.82	28.36	166.56	1822.79	1811.37	87.00	172.39	-74.37	59.03	15.84	3.85	PASS	
1925.00†	1914.03	30.47	178.95	1922.76	1910.50	91.65	184.37	-74.98	61.52	15.95	3.99	PASS	
2025.00†	2013.24	32.58	191.33	2022.72	2009.64	96.31	196.35	-75.55	64.02	16.13	4.10	PASS	
2125.00†	2112.44	34.69	203.72	2122.69	2108.78	100.96	208.33	-76.07	66.53	16.39	4.20	PASS	
2225.00†	2211.65	36.80	216.10	2222.66	2207.91	105.61	220.31	-76.55	69.04	16.71	4.27	PASS	
2325.00†	2310.86	38.91	228.49	2322.63	2307.05	110.27	232.29	-77.01	71.56	17.11	4.32	PASS	
2425.00†	2410.07	41.02	240.87	2422.59	2406.19	114.92	244.28	-77.43	74.08	17.56	4.35	PASS	
2525.00†	2509.28	43.13	253.26	2522.56	2505.32	119.58	256.26	-77.82	76.61	18.07	4.37	PASS	
2625.00†	2608.48	45.24	265.64	2622.53	2604.46	124.23	268.24	-78.19	79.14	18.63	4.38	PASS	
2725.00†	2707.69	47.35	278.03	2722.49	2703.60	128.88	280.22	-78.53	81.67	19.24	4.37	PASS	
2825.00†	2806.90	49.46	290.41	2822.46	2802.74	133.54	292.20	-78.85	84.20	19.89	4.35	PASS	
2925.00†	2906.11	51.56	302.80	2922.43	2901.87	138.19	304.18	-79.16	86.74	20.59	4.33	PASS	
3025.00†	3005.31	53.67	315.19	3022.39	3001.01	142.84	316.16	-79.45	89.28	21.31	4.30	PASS	
3125.00†	3104.52	55.78	327.57	3122.36	3100.15	147.50	328.14	-79.72	91.82	22.07	4.27	PASS	
3225.00†	3203.73	57.89	339.96	3222.33	3199.28	152.15	340.12	-79.97	94.37	22.86	4.23	PASS	
3325.00†	3302.94	60.00	352.34	3322.29	3298.42	156.81	352.11	-80.22	96.91	23.67	4.19	PASS	
3425.00†	3402.14	62.11	364.73	3422.26	3397.56	161.46	364.09	-80.45	99.46	24.50	4.15	PASS	
3525.00†	3501.35	64.22	377.11	3522.23	3496.69	166.11	376.07	-80.67	102.01	25.36	4.11	PASS	
3625.00†	3600.56	66.33	389.50	3622.19	3595.83	170.77	388.05	-80.88	104.56	26.23	4.07	PASS	
3725.00†	3699.77	68.44	401.88	3722.16	3694.97	175.42	400.03	-81.08	107.11	27.12	4.03	PASS	
3825.00†	3798.97	70.55	414.27	3822.13	3794.11	180.08	412.01	-81.27	109.66	28.03	3.99	PASS	
3925.00†	3898.18	72.66	426.65	3922.09	3893.24	184.73	423.99	-81.45	112.21	28.95	3.95	PASS	
4025.00†	3997.39	74.76	439.04	4022.06	3992.38	189.38	435.97	-81.62	114.77	29.88	3.91	PASS	
4125.00†	4096.60	76.87	451.43	4122.03	4091.52	194.04	447.95	-81.79	117.32	30.82	3.87	PASS	
4225.00†	4195.80	78.98	463.81	4221.99	4190.65	198.69	459.94	-81.94	119.88	31.77	3.84	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 20 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 4C-20-L PWB Offset Wellpath: DONN 4C-20-L PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21) Well: DONN 4C-20-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4325.00†	4295.01	81.09	476.20	4321.96	4289.79	203.34	471.92	-82.10	122.44	32.73	3.80	PASS
4425.00†	4394.22	83.20	488.58	4421.93	4388.93	208.00	483.90	-82.24	125.00	33.70	3.77	PASS
4525.00†	4493.43	85.31	500.97	4521.89	4488.06	212.65	495.88	-82.38	127.56	34.68	3.73	PASS
4625.00†	4592.64	87.42	513.35	4621.86	4587.20	217.31	507.86	-82.52	130.12	35.66	3.70	PASS
4725.00†	4691.84	89.53	525.74	4721.83	4686.34	221.96	519.84	-82.65	132.68	36.66	3.67	PASS
4825.00†	4791.05	91.64	538.12	4821.79	4785.48	226.61	531.82	-82.77	135.24	37.65	3.64	PASS
4925.00†	4890.26	93.75	550.51	4921.76	4884.61	231.27	543.80	-82.89	137.80	38.66	3.61	PASS
5025.00†	4989.47	95.86	562.89	5021.73	4983.75	235.92	555.78	-83.00	140.36	39.66	3.58	PASS
5125.00†	5088.67	97.97	575.28	5121.69	5082.89	240.57	567.76	-83.12	142.92	40.68	3.56	PASS
5225.00†	5187.88	100.07	587.67	5221.66	5182.02	245.23	579.75	-83.22	145.49	41.69	3.53	PASS
5325.00†	5287.09	102.18	600.05	5321.63	5281.16	249.88	591.73	-83.33	148.05	42.71	3.51	PASS
5425.00†	5386.30	104.29	612.44	5421.60	5380.30	254.54	603.71	-83.43	150.62	43.74	3.48	PASS
5525.00†	5485.50	106.40	624.82	5521.56	5479.44	259.19	615.69	-83.52	153.18	44.77	3.46	PASS
5625.00†	5584.71	108.51	637.21	5621.53	5578.57	263.84	627.67	-83.62	155.75	45.80	3.44	PASS
5725.00†	5683.92	110.62	649.59	5721.50	5677.71	268.50	639.65	-83.71	158.31	46.83	3.42	PASS
5825.00†	5783.13	112.73	661.98	5821.46	5776.85	273.15	651.63	-83.79	160.88	47.87	3.40	PASS
5925.00†	5882.33	114.84	674.36	5921.43	5875.98	277.81	663.61	-83.88	163.44	48.91	3.38	PASS
6025.00†	5981.54	116.95	686.75	6021.40	5975.12	282.46	675.59	-83.96	166.01	49.95	3.36	PASS
6125.00†	6080.75	119.06	699.13	6121.36	6074.26	287.11	687.58	-84.04	168.58	51.00	3.34	PASS
6225.00†	6179.96	121.17	711.52	6221.33	6173.39	291.77	699.56	-84.12	171.15	52.05	3.32	PASS
6325.00†	6279.17	123.27	723.91	6321.30	6272.53	296.42	711.54	-84.19	173.71	53.10	3.30	PASS
6425.00†	6378.37	125.38	736.29	6421.26	6371.67	301.07	723.52	-84.26	176.28	54.15	3.29	PASS
6428.02	6381.37	125.45	736.66	6424.28	6374.66	301.22	723.88	-84.27	176.36	54.18	3.29	PASS
6525.00†	6478.12	127.33	741.32	6520.88	6470.46	305.71	735.46	55.97	178.64	55.30	3.26	PASS
6625.00†	6577.44	128.90	730.68	6620.50	6569.71	310.23	741.35	88.70	181.81	56.84	3.23	PASS
6725.00†	6673.88	130.05	704.65	6722.83	6671.34	314.48	731.33	96.00	186.37	58.68	3.20	PASS
6825.00†	6765.06	130.75	663.85	6828.06	6772.82	318.32	704.19	101.28	192.01	60.51	3.20	PASS
6925.00†	6848.75	130.99	609.29	6936.28	6871.07	321.60	659.25	105.59	198.30	61.80	3.23	PASS
7025.00†	6922.87	130.76	542.32	7047.46	6962.62	324.16	596.46	109.12	204.73	63.06	3.27	PASS
7125.00†	6985.61	130.07	464.59	7161.44	7043.69	325.86	516.59	111.92	210.74	65.07	3.26	PASS
7225.00†	7035.42	128.94	378.00	7277.87	7110.51	326.58	421.44	114.01	215.84	67.51	3.22	PASS
7325.00†	7071.07	127.38	284.70	7396.24	7159.56	326.22	313.90	115.40	219.59	70.75	3.13	PASS
7425.00†	7091.69	125.45	186.97	7515.87	7188.10	324.76	197.92	116.11	221.68	74.82	2.98	PASS
7511.52	7097.00	123.50	100.71	7618.72	7194.97	322.66	95.42	116.19	222.01	78.87	2.83	PASS
7525.00†	7096.91	123.18	87.23	7632.21	7194.89	322.34	81.94	116.19	222.02	79.51	2.81	PASS
7625.00†	7096.26	120.81	-12.74	7732.21	7194.32	319.97	-18.03	116.21	222.06	84.44	2.64	PASS
7725.00†	7095.61	118.43	-112.71	7832.21	7193.75	317.60	-118.00	116.22	222.10	89.89	2.48	PASS
7825.00†	7094.96	116.05	-212.68	7932.21	7193.17	315.23	-217.97	116.24	222.14	95.74	2.33	PASS
7925.00†	7094.31	113.68	-312.65	8032.21	7192.60	312.86	-317.94	116.26	222.18	101.95	2.19	PASS
8025.00†	7093.66	111.30	-412.62	8132.21	7192.03	310.49	-417.91	116.28	222.22	108.43	2.06	PASS
8125.00†	7093.01	108.92	-512.59	8232.21	7191.46	308.12	-517.88	116.29	222.26	115.15	1.94	PASS
8225.00†	7092.36	106.55	-612.56	8332.21	7190.88	305.75	-617.85	116.31	222.30	122.07	1.83	PASS
8325.00†	7091.70	104.17	-712.53	8432.21	7190.31	303.38	-717.82	116.33	222.35	129.15	1.73	PASS
8425.00†	7091.05	101.79	-812.50	8532.21	7189.74	301.01	-817.79	116.34	222.39	136.37	1.63	PASS
8525.00†	7090.40	99.41	-912.47	8632.21	7189.17	298.64	-917.76	116.36	222.43	143.70	1.55	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 21 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 4C-20-L PWB Offset Wellpath: DONN 4C-20-L PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21) Well: DONN 4C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	8732.21	7188.59	296.27	-1017.73	116.38	222.47	151.14	1.47	PASS	
8725.00†	7089.10	94.66	-1112.41	8832.21	7188.02	293.90	-1117.70	116.40	222.51	158.66	1.40	PASS	
8825.00†	7088.45	92.28	-1212.38	8932.21	7187.45	291.53	-1217.67	116.41	222.55	166.25	1.34	PASS	
8861.52	7088.21	91.42	-1248.88	8968.72	7187.24	290.67	-1254.17	116.42	222.57	169.04	1.32	PASS	
8925.00†	7087.80	88.85	-1312.31	9032.19	7186.88	289.16	-1317.63	116.31	223.54	174.05	1.29	PASS	
9025.00†	7087.14	80.54	-1411.95	9132.01	7186.30	286.80	-1417.41	115.72	228.92	182.60	1.25	PASS	
9125.00†	7086.49	67.03	-1511.02	9231.37	7185.74	284.44	-1516.74	114.69	239.06	191.88	1.25	PASS	
9216.11	7085.90	50.22	-1600.55	9321.28	7185.22	282.31	-1606.63	113.46	252.53	200.77	1.26	PASS	
9225.00†	7085.84	48.37	-1609.25	9330.02	7185.17	282.11	-1615.36	113.31	254.04	201.65	1.26	PASS	
9316.11	7085.25	29.43	-1698.37	9419.56	7184.66	279.99	-1704.88	111.91	269.63	210.56	1.28	PASS	
9325.00†	7085.19	27.60	-1707.07	9428.30	7184.61	279.78	-1713.62	111.77	271.15	211.42	1.28	PASS	
9425.00†	7084.53	9.84	-1805.47	9527.09	7184.04	277.44	-1812.38	110.50	285.58	220.85	1.29	PASS	
9525.00†	7083.88	-2.75	-1904.66	9626.56	7183.47	275.08	-1911.81	109.74	295.23	229.93	1.28	PASS	
9625.00†	7083.23	-10.13	-2004.37	9726.42	7182.90	272.71	-2011.65	109.40	299.98	238.67	1.26	PASS	
9674.43	7082.91	-11.85	-2053.77	9775.85	7182.62	271.54	-2061.06	109.38	300.51	242.86	1.24	PASS	
9725.00†	7082.58	-12.95	-2104.32	9826.41	7182.33	270.34	-2111.61	109.39	300.43	247.09	1.22	PASS	
9825.00†	7081.93	-15.13	-2204.30	9926.41	7181.76	267.97	-2211.58	109.42	300.28	255.47	1.18	PASS	
9925.00†	7081.27	-17.31	-2304.27	10026.41	7181.18	265.60	-2311.55	109.45	300.13	263.87	1.14	PASS	
10025.00†	7080.62	-19.49	-2404.25	10126.41	7180.61	263.24	-2411.52	109.47	299.98	272.28	1.10	PASS	
10125.00†	7079.97	-21.68	-2504.22	10226.41	7180.04	260.87	-2511.49	109.50	299.83	280.71	1.07	PASS	
10225.00†	7079.32	-23.86	-2604.19	10326.41	7179.47	258.50	-2611.46	109.52	299.67	289.15	1.04	PASS	
10325.00†	7078.67	-26.04	-2704.17	10426.41	7178.89	256.13	-2711.43	109.55	299.52	297.61	1.01	PASS	
10425.00†	7078.02	-28.22	-2804.14	10526.41	7178.32	253.76	-2811.40	109.58	299.37	306.07	0.98	FAIL	
10525.00†	7077.37	-30.40	-2904.12	10626.41	7177.75	251.39	-2911.37	109.60	299.22	314.54	0.95	FAIL	
10625.00†	7076.72	-32.58	-3004.09	10726.41	7177.17	249.02	-3011.34	109.63	299.07	323.02	0.93	FAIL	
10725.00†	7076.07	-34.76	-3104.07	10826.41	7176.60	246.65	-3111.31	109.66	298.92	331.51	0.90	FAIL	
10825.00†	7075.42	-36.95	-3204.04	10926.41	7176.03	244.28	-3211.28	109.68	298.77	340.00	0.88	FAIL	
10925.00†	7074.76	-39.13	-3304.01	11026.41	7175.46	241.91	-3311.25	109.71	298.62	348.51	0.86	FAIL	
11025.00†	7074.11	-41.31	-3403.99	11126.41	7174.88	239.54	-3411.22	109.73	298.47	357.01	0.84	FAIL	
11125.00†	7073.46	-43.49	-3503.96	11226.41	7174.31	237.17	-3511.19	109.76	298.32	365.52	0.82	FAIL	
11174.43	7073.14	-44.57	-3553.38	11275.84	7174.03	236.00	-3560.61	109.77	298.24	369.73	0.81	FAIL	
11225.00†	7072.81	-46.34	-3603.92	11326.41	7173.74	234.80	-3611.16	109.74	298.79	374.12	0.80	FAIL	
11249.77	7072.65	-47.70	-3628.64	11351.16	7173.60	234.21	-3635.90	109.70	299.53	376.34	0.80	FAIL	
11325.00†	7072.16	-52.30	-3703.73	11426.34	7173.17	232.43	-3711.06	109.53	302.21	383.15	0.79	FAIL	
11425.00†	7071.51	-58.42	-3803.54	11526.27	7172.59	230.06	-3810.96	109.30	305.77	392.21	0.78	FAIL	
11525.00†	7070.86	-64.55	-3903.36	11626.20	7172.02	227.69	-3910.86	109.09	309.35	401.28	0.77	FAIL	
11625.00†	7070.21	-70.67	-4003.17	11726.13	7171.45	225.33	-4010.76	108.88	312.92	410.36	0.76	FAIL	
11725.00†	7069.56	-76.79	-4102.98	11826.06	7170.88	222.96	-4110.66	108.67	316.50	419.45	0.75	FAIL	
11825.00†	7068.91	-82.91	-4202.79	11925.99	7170.31	220.59	-4210.56	108.47	320.09	428.55	0.75	FAIL	
11925.00†	7068.25	-89.04	-4302.60	12025.92	7169.73	218.22	-4310.46	108.27	323.68	437.65	0.74	FAIL	
12025.00†	7067.60	-95.16	-4402.41	12125.85	7169.16	215.85	-4410.36	108.08	327.27	446.77	0.73	FAIL	
12125.00†	7066.95	-101.28	-4502.22	12225.78	7168.59	213.49	-4510.26	107.89	330.87	455.89	0.73	FAIL	
12225.00†	7066.30	-107.40	-4602.03	12325.71	7168.02	211.12	-4610.16	107.70	334.47	465.02	0.72	FAIL	
12325.00†	7065.65	-113.52	-4701.84	12425.64	7167.45	208.75	-4710.06	107.52	338.07	474.16	0.71	FAIL	
12425.00†	7065.00	-119.65	-4801.65	12525.57	7166.87	206.38	-4809.96	107.35	341.68	483.30	0.71	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 22 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 4C-20-L PWB Offset Wellpath: DONN 4C-20-L PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21) Well: DONN 4C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	12625.49	7166.30	204.01	-4909.86	107.17	345.28	492.45	0.70	FAIL	
12625.00†	7063.70	-131.89	-5001.27	12725.42	7165.73	201.65	-5009.76	107.00	348.90	501.61	0.70	FAIL	
12725.00†	7063.05	-138.01	-5101.08	12825.35	7165.16	199.28	-5109.66	106.84	352.51	510.77	0.69	FAIL	
12825.00†	7062.40	-144.13	-5200.89	12925.28	7164.58	196.91	-5209.56	106.67	356.13	519.93	0.68	FAIL	
12925.00†	7061.74	-150.26	-5300.70	13025.21	7164.01	194.54	-5309.46	106.51	359.75	529.10	0.68	FAIL	
12949.77	7061.58	-151.77	-5325.42	13049.96	7163.87	193.96	-5334.20	106.47	360.65	531.37	0.68	FAIL	
13025.00†	7061.09	-154.90	-5400.58	13125.18	7163.44	192.17	-5409.39	106.43	361.96	538.12	0.67	FAIL	
13125.00†	7060.44	-154.47	-5500.57	13225.13	7162.87	189.80	-5509.31	106.61	359.29	546.56	0.66	FAIL	
13225.00†	7059.78	-148.80	-5600.39	13324.79	7162.30	187.44	-5608.95	107.08	351.63	554.32	0.63	FAIL	
13325.00†	7059.12	-137.92	-5699.79	13423.90	7161.73	185.09	-5708.03	107.89	339.02	561.16	0.60	FAIL	
13425.00†	7058.47	-121.86	-5798.47	13522.18	7161.17	182.77	-5806.28	109.10	321.56	566.75	0.57	FAIL	
13506.75	7057.93	-104.90	-5878.44	13601.73	7160.71	180.88	-5885.80	110.47	303.79	569.96	0.53	FAIL	
13525.00†	7057.81	-100.73	-5896.20	13619.39	7160.61	180.46	-5903.46	110.78	299.48	570.48	0.52	FAIL	
13606.75	7057.28	-82.06	-5975.79	13698.52	7160.16	178.59	-5982.56	112.27	280.30	572.15	0.49	FAIL	
13625.00†	7057.16	-77.98	-5993.58	13716.20	7160.06	178.17	-6000.24	112.58	276.12	572.38	0.48	FAIL	
13725.00†	7056.51	-58.64	-6091.68	13813.81	7159.50	175.85	-6097.83	114.17	256.19	573.56	0.45	FAIL	
13825.00†	7055.86	-44.46	-6190.65	13912.43	7158.93	173.52	-6196.41	115.57	241.19	575.11	0.42	FAIL	
13925.00†	7055.20	-35.48	-6290.24	14011.77	7158.36	171.16	-6295.72	116.64	231.03	577.88	0.40	FAIL	
14025.00†	7054.55	-31.73	-6390.15	14111.57	7157.79	168.80	-6395.50	117.26	225.60	582.76	0.39	FAIL	
14092.27	7054.12	-32.15	-6457.41	14178.83	7157.41	167.20	-6462.73	117.38	224.58	587.56	0.38	FAIL	
14125.00†	7053.91	-32.93	-6490.13	14211.56	7157.22	166.43	-6495.45	117.39	224.60	590.23	0.38	FAIL	
14225.00†	7053.26	-35.31	-6590.10	14311.56	7156.65	164.06	-6595.42	117.40	224.64	598.35	0.37	FAIL	
14325.00†	7052.62	-37.69	-6690.07	14411.56	7156.07	161.69	-6695.39	117.42	224.69	606.48	0.37	FAIL	
14425.00†	7051.98	-40.08	-6790.04	14511.56	7155.50	159.32	-6795.36	117.43	224.73	614.61	0.36	FAIL	
14525.00†	7051.33	-42.46	-6890.01	14611.56	7154.93	156.95	-6895.33	117.45	224.78	622.74	0.36	FAIL	
14625.00†	7050.69	-44.84	-6989.98	14711.56	7154.36	154.58	-6995.30	117.46	224.82	630.86	0.36	FAIL	
14725.00†	7050.04	-47.23	-7089.95	14811.56	7153.78	152.21	-7095.27	117.47	224.87	638.99	0.35	FAIL	
14825.00†	7049.40	-49.61	-7189.92	14911.56	7153.21	149.84	-7195.24	117.49	224.91	647.11	0.35	FAIL	
14925.00†	7048.76	-51.99	-7289.89	15011.56	7152.64	147.47	-7295.21	117.50	224.96	655.23	0.34	FAIL	
15025.00†	7048.11	-54.38	-7389.86	15111.56	7152.07	145.10	-7395.18	117.52	225.00	663.36	0.34	FAIL	
15125.00†	7047.47	-56.76	-7489.83	15211.56	7151.49	142.73	-7495.15	117.53	225.05	671.48	0.33	FAIL	
15225.00†	7046.82	-59.14	-7589.80	15311.56	7150.92	140.36	-7595.13	117.55	225.09	679.60	0.33	FAIL	
15325.00†	7046.18	-61.53	-7689.77	15411.56	7150.35	137.99	-7695.10	117.56	225.14	687.72	0.33	FAIL	
15425.00†	7045.54	-63.91	-7789.74	15511.56	7149.78	135.62	-7795.07	117.58	225.18	695.83	0.32	FAIL	
15525.00†	7044.89	-66.29	-7889.71	15611.56	7149.20	133.25	-7895.04	117.59	225.23	703.95	0.32	FAIL	
15625.00†	7044.25	-68.68	-7989.68	15711.56	7148.63	130.88	-7995.01	117.61	225.27	712.07	0.32	FAIL	
15725.00†	7043.60	-71.06	-8089.65	15811.56	7148.06	128.51	-8094.98	117.62	225.32	720.18	0.31	FAIL	
15825.00†	7042.96	-73.44	-8189.62	15911.56	7147.48	126.14	-8194.95	117.63	225.36	728.29	0.31	FAIL	
15925.00†	7042.31	-75.83	-8289.59	16011.56	7146.91	123.77	-8294.92	117.65	225.41	736.41	0.31	FAIL	
16025.00†	7041.67	-78.21	-8389.56	16111.56	7146.34	121.40	-8394.89	117.66	225.46	744.52	0.30	FAIL	
16125.00†	7041.03	-80.59	-8489.53	16211.56	7145.77	119.04	-8494.86	117.68	225.50	752.63	0.30	FAIL	
16225.00†	7040.38	-82.98	-8589.49	16311.56	7145.19	116.67	-8594.83	117.69	225.55	760.73	0.30	FAIL	
16325.00†	7039.74	-85.36	-8689.46	16411.56	7144.62	114.30	-8694.80	117.71	225.59	768.84	0.29	FAIL	
16425.00†	7039.09	-87.74	-8789.43	16511.56	7144.05	111.93	-8794.77	117.72	225.64	776.95	0.29	FAIL	
16525.00†	7038.45	-90.13	-8889.40	16611.56	7143.48	109.56	-8894.74	117.74	225.68	785.05	0.29	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
**DONN 4N-20C-L PWP (REV-B.0)**  
**Closest Approach**  
Page 23 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA - Offset Wellbore: DONN 4C-20-L PWB Offset Wellpath: DONN 4C-20-L PWP (REV-A.0)**

Facility: SEC.21-T06N-R66W Slot: SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21) Well: DONN 4C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
16625.00†	7037.81	-92.51	-8989.37	16711.56	7142.90	107.19	-8994.71	117.75	225.73	793.15	0.28	FAIL	
16725.00†	7037.16	-94.89	-9089.34	16811.56	7142.33	104.82	-9094.68	117.76	225.77	801.25	0.28	FAIL	
16825.00†	7036.52	-97.28	-9189.31	16911.56	7141.76	102.45	-9194.65	117.78	225.82	809.35	0.28	FAIL	
16925.00†	7035.87	-99.66	-9289.28	17011.56	7141.19	100.08	-9294.62	117.79	225.86	817.45	0.28	FAIL	
17025.00†	7035.23	-102.04	-9389.25	17111.56	7140.61	97.71	-9394.59	117.81	225.91	825.55	0.27	FAIL	
17125.00†	7034.59	-104.43	-9489.22	17211.56	7140.04	95.34	-9494.56	117.82	225.95	833.64	0.27	FAIL	
17225.00†	7033.94	-106.81	-9589.19	17311.56	7139.47	92.97	-9594.53	117.84	226.00	841.73	0.27	FAIL	
17325.00†	7033.30	-109.19	-9689.16	17411.56	7138.90	90.60	-9694.50	117.85	226.04	849.83	0.27	FAIL	
17425.00†	7032.65	-111.58	-9789.13	17511.56	7138.32	88.23	-9794.47	117.87	226.09	857.92	0.26	FAIL	
17525.00†	7032.01	-113.96	-9889.10	17611.56	7137.75	85.86	-9894.44	117.88	226.14	866.01	0.26	FAIL	
17625.00†	7031.37	-116.34	-9989.07	17711.56	7137.18	83.49	-9994.41	117.89	226.18	874.09	0.26	FAIL	
17725.00†	7030.72	-118.73	-10089.04	17811.56	7136.61	81.12	-10094.38	117.91	226.23	882.18	0.26	FAIL	
17825.00†	7030.08	-121.11	-10189.01	17911.56	7136.03	78.75	-10194.35	117.92	226.27	890.26	0.25	FAIL	
17836.95	7030.00	-121.39	-10200.95	17917.24	7136.00	78.62	-10200.04	117.92	226.36	890.62	0.25	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY - Offset Wellbore: DONN 4C-20-L PWB Offset Wellpath: DONN 4C-20-L PWP (REV-A.0)**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS - Offset Wellbore: DONN 4C-20-L PWB Offset Wellpath: DONN 4C-20-L PWP (REV-A.0)**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	25.00	1739.18	12.21	0.00	31.59	49.89
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1739.18	12.21	0.00	31.59	49.89
8.5in Open Hole	1750.00	17917.24	16167.24	1739.18	7136.00	31.59	49.89	30.07	-3108.97

**SURVEY PROGRAM - Offset Wellbore: DONN 4C-20-L PWB Offset Wellpath: DONN 4C-20-L PWP (REV-A.0)**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 4C-20-L PWB
1750.00	17917.24	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 4C-20-L PWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: DONN 4C-20-L PWB Offset Wellpath: DONN 4C-20-L PWP (REV-A.0)**

MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 24 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. HOOD 41-20AWB Offset Wellpath: EX. HOOD 41-20AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#03 EX. HOOD 41-20 (661'FNL & 661'FEL, PR, NB/CD) Well: EX. HOOD 41-20 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	8.00	25.00	33.09	-5726.39	-89.67	5726.48	50.18	116.32	PASS	
125.00†	125.00	0.00	0.00	108.00	125.00	33.09	-5726.39	-89.67	5726.48	50.45	115.70	PASS	
225.00†	225.00	0.00	0.00	208.00	225.00	33.09	-5726.39	-89.67	5726.48	51.45	113.41	PASS	
300.00	300.00	0.00	0.00	283.00	300.00	33.09	-5726.39	-89.67	5726.48	52.70	110.68	PASS	
325.00†	325.00	0.02	0.11	308.00	325.00	33.09	-5726.39	-170.00	5726.59	53.16	109.70	PASS	
425.00†	424.96	0.46	2.69	407.96	424.96	33.09	-5726.39	-170.00	5729.17	55.47	105.09	PASS	
525.00†	524.77	1.48	8.71	507.77	524.77	33.09	-5726.39	-169.99	5735.18	58.29	100.02	PASS	
625.00†	624.30	3.09	18.15	607.30	624.30	33.09	-5726.39	-169.97	5744.62	61.46	94.94	PASS	
660.88	659.93	3.81	22.38	642.93	659.93	33.09	-5726.39	-169.97	5748.84	62.68	93.13	PASS	
725.00†	723.54	5.16	30.32	706.54	723.54	33.09	-5726.39	-169.98	5756.77	64.85	90.09	PASS	
825.00†	822.75	7.27	42.70	805.75	822.75	33.09	-5726.39	-170.00	5769.15	68.44	85.49	PASS	
925.00†	921.95	9.38	55.09	904.95	921.95	33.09	-5726.39	-170.02	5781.52	72.18	81.17	PASS	
1025.00†	1021.16	11.49	67.48	1004.16	1021.16	33.09	-5726.39	-170.05	5793.90	76.06	77.14	PASS	
1125.00†	1120.37	13.60	79.86	1103.37	1120.37	33.09	-5726.39	-170.07	5806.28	80.03	73.42	PASS	
1225.00†	1219.58	15.71	92.25	1202.58	1219.58	33.09	-5726.39	-170.09	5818.66	84.09	69.99	PASS	
1325.00†	1318.78	17.82	104.63	1301.78	1318.78	33.09	-5726.39	-170.11	5831.04	88.21	66.82	PASS	
1425.00†	1417.99	19.93	117.02	1400.99	1417.99	33.09	-5726.39	-170.13	5843.42	92.39	63.90	PASS	
1525.00†	1517.20	22.04	129.40	1500.20	1517.20	33.09	-5726.39	-170.15	5855.80	96.61	61.21	PASS	
1625.00†	1616.41	24.15	141.79	1599.41	1616.41	33.09	-5726.39	-170.17	5868.18	100.88	58.72	PASS	
1725.00†	1715.61	26.25	154.17	1698.61	1715.61	33.09	-5726.39	-170.19	5880.56	105.18	56.42	PASS	
1825.00†	1814.82	28.36	166.56	1797.82	1814.82	33.09	-5726.39	-170.21	5892.95	109.21	54.30	PASS	
1925.00†	1914.03	30.47	178.95	1897.03	1914.03	33.09	-5726.39	-170.23	5905.33	113.49	52.35	PASS	
2025.00†	2013.24	32.58	191.33	1996.24	2013.24	33.09	-5726.39	-170.26	5917.72	117.80	50.53	PASS	
2125.00†	2112.44	34.69	203.72	2095.44	2112.44	33.09	-5726.39	-170.28	5930.10	122.14	48.83	PASS	
2225.00†	2211.65	36.80	216.10	2194.65	2211.65	33.09	-5726.39	-170.30	5942.49	126.50	47.23	PASS	
2325.00†	2310.86	38.91	228.49	2293.86	2310.86	33.09	-5726.39	-170.32	5954.88	130.89	45.74	PASS	
2425.00†	2410.07	41.02	240.87	2393.07	2410.07	33.09	-5726.39	-170.34	5967.26	135.30	44.33	PASS	
2525.00†	2509.28	43.13	253.26	2492.28	2509.28	33.09	-5726.39	-170.36	5979.65	139.73	43.01	PASS	
2625.00†	2608.48	45.24	265.64	2591.48	2608.48	33.09	-5726.39	-170.38	5992.04	144.17	41.76	PASS	
2725.00†	2707.69	47.35	278.03	2690.69	2707.69	33.09	-5726.39	-170.40	6004.43	148.64	40.59	PASS	
2825.00†	2806.90	49.46	290.41	2789.90	2806.90	33.09	-5726.39	-170.42	6016.82	153.12	39.47	PASS	
2925.00†	2906.11	51.56	302.80	2889.11	2906.11	33.09	-5726.39	-170.44	6029.21	157.62	38.42	PASS	
3025.00†	3005.31	53.67	315.19	2988.31	3005.31	33.09	-5726.39	-170.46	6041.61	162.14	37.42	PASS	
3125.00†	3104.52	55.78	327.57	3087.52	3104.52	33.09	-5726.39	-170.48	6054.00	166.67	36.47	PASS	
3225.00†	3203.73	57.89	339.96	3186.73	3203.73	33.09	-5726.39	-170.50	6066.39	171.21	35.58	PASS	
3325.00†	3302.94	60.00	352.34	3285.94	3302.94	33.09	-5726.39	-170.52	6078.79	175.77	34.72	PASS	
3425.00†	3402.14	62.11	364.73	3385.14	3402.14	33.09	-5726.39	-170.54	6091.18	180.34	33.90	PASS	
3525.00†	3501.35	64.22	377.11	3484.35	3501.35	33.09	-5726.39	-170.55	6103.58	184.93	33.13	PASS	
3625.00†	3600.56	66.33	389.50	3583.56	3600.56	33.09	-5726.39	-170.57	6115.97	189.53	32.39	PASS	
3725.00†	3699.77	68.44	401.88	3682.77	3699.77	33.09	-5726.39	-170.59	6128.37	194.14	31.68	PASS	
3825.00†	3798.97	70.55	414.27	3781.97	3798.97	33.09	-5726.39	-170.61	6140.77	198.76	31.00	PASS	
3925.00†	3898.18	72.66	426.65	3881.18	3898.18	33.09	-5726.39	-170.63	6153.17	203.39	30.36	PASS	
4025.00†	3997.39	74.76	439.04	3980.39	3997.39	33.09	-5726.39	-170.65	6165.57	208.03	29.74	PASS	
4125.00†	4096.60	76.87	451.43	4079.60	4096.60	33.09	-5726.39	-170.67	6177.97	212.69	29.14	PASS	
4225.00†	4195.80	78.98	463.81	4178.80	4195.80	33.09	-5726.39	-170.69	6190.37	217.35	28.57	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 25 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. HOOD 41-20AWB Offset Wellpath: EX. HOOD 41-20AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#03 EX. HOOD 41-20 (661'FNL & 661'FEL, PR, NB/CD) Well: EX. HOOD 41-20 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4278.01	4295.01	33.09	-5726.39	-170.71	6202.77	222.03	28.02	PASS	
4425.00†	4394.22	83.20	488.58	4377.22	4394.22	33.09	-5726.39	-170.73	6215.17	226.71	27.50	PASS	
4525.00†	4493.43	85.31	500.97	4476.43	4493.43	33.09	-5726.39	-170.74	6227.57	231.40	26.99	PASS	
4625.00†	4592.64	87.42	513.35	4575.64	4592.64	33.09	-5726.39	-170.76	6239.97	236.10	26.51	PASS	
4725.00†	4691.84	89.53	525.74	4674.84	4691.84	33.09	-5726.39	-170.78	6252.38	240.81	26.04	PASS	
4825.00†	4791.05	91.64	538.12	4774.05	4791.05	33.09	-5726.39	-170.80	6264.78	245.53	25.59	PASS	
4925.00†	4890.26	93.75	550.51	4873.26	4890.26	33.09	-5726.39	-170.82	6277.19	250.26	25.15	PASS	
5025.00†	4989.47	95.86	562.89	4972.47	4989.47	33.09	-5726.39	-170.84	6289.59	254.99	24.73	PASS	
5125.00†	5088.67	97.97	575.28	5071.67	5088.67	33.09	-5726.39	-170.85	6302.00	259.73	24.33	PASS	
5225.00†	5187.88	100.07	587.67	5170.88	5187.88	33.09	-5726.39	-170.87	6314.41	264.48	23.94	PASS	
5325.00†	5287.09	102.18	600.05	5270.09	5287.09	33.09	-5726.39	-170.89	6326.81	269.24	23.56	PASS	
5425.00†	5386.30	104.29	612.44	5369.30	5386.30	33.09	-5726.39	-170.91	6339.22	274.00	23.19	PASS	
5525.00†	5485.50	106.40	624.82	5468.50	5485.50	33.09	-5726.39	-170.93	6351.63	278.77	22.84	PASS	
5625.00†	5584.71	108.51	637.21	5567.71	5584.71	33.09	-5726.39	-170.94	6364.04	283.54	22.50	PASS	
5725.00†	5683.92	110.62	649.59	5666.92	5683.92	33.09	-5726.39	-170.96	6376.45	288.33	22.17	PASS	
5825.00†	5783.13	112.73	661.98	5766.13	5783.13	33.09	-5726.39	-170.98	6388.86	293.11	21.85	PASS	
5925.00†	5882.33	114.84	674.36	5865.33	5882.33	33.09	-5726.39	-171.00	6401.27	297.91	21.54	PASS	
6025.00†	5981.54	116.95	686.75	5964.54	5981.54	33.09	-5726.39	-171.02	6413.68	302.70	21.24	PASS	
6125.00†	6080.75	119.06	699.13	6063.75	6080.75	33.09	-5726.39	-171.03	6426.09	307.51	20.94	PASS	
6225.00†	6179.96	121.17	711.52	6162.96	6179.96	33.09	-5726.39	-171.05	6438.51	312.32	20.66	PASS	
6325.00†	6279.17	123.27	723.91	6262.17	6279.17	33.09	-5726.39	-171.07	6450.92	317.13	20.38	PASS	
6425.00†	6378.37	125.38	736.29	6361.37	6378.37	33.09	-5726.39	-171.08	6463.33	321.95	20.12	PASS	
6428.02	6381.37	125.45	736.66	6364.37	6381.37	33.09	-5726.39	-171.09	6463.71	322.09	20.11	PASS	
6525.00†	6478.12	127.33	741.32	6461.12	6478.12	33.09	-5726.39	-32.94	6468.39	326.79	19.83	PASS	
6625.00†	6577.44	128.90	730.68	6560.44	6577.44	33.09	-5726.39	-5.18	6457.78	331.81	19.50	PASS	
6725.00†	6673.88	130.05	704.65	6656.88	6673.88	33.09	-5726.39	-2.60	6431.76	337.22	19.11	PASS	
6825.00†	6765.06	130.75	663.85	6748.06	6765.06	33.09	-5726.39	-1.64	6390.98	342.23	18.71	PASS	
6925.00†	6848.75	130.99	609.29	6831.75	6848.75	33.09	-5726.39	-1.13	6336.44	346.74	18.31	PASS	
7025.00†	6922.87	130.76	542.32	6905.87	6922.87	33.09	-5726.39	-0.77	6269.47	350.65	17.91	PASS	
7125.00†	6985.61	130.07	464.59	6968.61	6985.61	33.09	-5726.39	-0.46	6191.73	353.89	17.53	PASS	
7225.00†	7035.42	128.94	378.00	7018.42	7035.42	33.09	-5726.39	-0.10	6105.14	356.39	17.16	PASS	
7325.00†	7071.07	127.38	284.70	7054.07	7071.07	33.09	-5726.39	0.52	6011.82	358.13	16.82	PASS	
7425.00†	7091.69	125.45	186.97	7074.69	7091.69	33.09	-5726.39	2.51	5914.08	359.11	16.50	PASS	
7511.52	7097.00	123.50	100.71	7080.00	7097.00	33.09	-5726.39	128.26	5827.79	359.36	16.25	PASS	
7525.00†	7096.91	123.18	87.23	7079.91	7096.91	33.09	-5726.39	128.19	5814.31	359.36	16.21	PASS	
7625.00†	7096.26	120.81	-12.74	7079.26	7096.26	33.09	-5726.39	127.71	5714.32	359.33	15.93	PASS	
7725.00†	7095.61	118.43	-112.71	7078.61	7095.61	33.09	-5726.39	127.22	5614.32	359.30	15.65	PASS	
7825.00†	7094.96	116.05	-212.68	7077.96	7094.96	33.09	-5726.39	126.73	5514.33	359.28	15.38	PASS	
7925.00†	7094.31	113.68	-312.65	7077.31	7094.31	33.09	-5726.39	126.22	5414.33	359.26	15.10	PASS	
8025.00†	7093.66	111.30	-412.62	7076.66	7093.66	33.09	-5726.39	125.72	5314.34	359.23	14.82	PASS	
8125.00†	7093.01	108.92	-512.59	7076.01	7093.01	33.09	-5726.39	125.20	5214.35	359.21	14.54	PASS	
8225.00†	7092.36	106.55	-612.56	7075.36	7092.36	33.09	-5726.39	124.68	5114.35	359.19	14.26	PASS	
8325.00†	7091.70	104.17	-712.53	7074.70	7091.70	33.09	-5726.39	124.15	5014.36	359.18	13.99	PASS	
8425.00†	7091.05	101.79	-812.50	7074.05	7091.05	33.09	-5726.39	123.62	4914.37	359.16	13.71	PASS	
8525.00†	7090.40	99.41	-912.47	7073.40	7090.40	33.09	-5726.39	123.08	4814.37	359.14	13.43	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 26 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. HOOD 41-20AWB Offset Wellpath: EX. HOOD 41-20AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#03 EX. HOOD 41-20 (661'FNL & 661'FEL, PR, NB/CD) Well: EX. HOOD 41-20 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7072.75	7089.75	33.09	-5726.39	122.53	4714.38	359.13	13.15	PASS	
8725.00†	7089.10	94.66	-1112.41	7072.10	7089.10	33.09	-5726.39	121.98	4614.39	359.12	12.87	PASS	
8825.00†	7088.45	92.28	-1212.38	7071.45	7088.45	33.09	-5726.39	121.42	4514.39	359.11	12.59	PASS	
8861.52	7088.21	91.42	-1248.88	7071.21	7088.21	33.09	-5726.39	121.21	4477.88	359.10	12.48	PASS	
8925.00†	7087.80	88.85	-1312.31	7070.80	7087.80	33.09	-5726.39	98.36	4414.43	359.10	12.32	PASS	
9025.00†	7087.14	80.54	-1411.95	7070.14	7087.14	33.09	-5726.39	93.79	4314.69	359.10	12.04	PASS	
9125.00†	7086.49	67.03	-1511.02	7069.49	7086.49	33.09	-5726.39	92.41	4215.50	359.13	11.76	PASS	
9216.11	7085.90	50.22	-1600.55	7068.90	7085.90	33.09	-5726.39	91.79	4125.87	359.19	11.51	PASS	
9225.00†	7085.84	48.37	-1609.25	7068.84	7085.84	33.09	-5726.39	91.79	4117.16	359.20	11.48	PASS	
9316.11	7085.25	29.43	-1698.37	7068.25	7085.25	33.09	-5726.39	91.75	4028.02	359.33	11.23	PASS	
9325.00†	7085.19	27.60	-1707.07	7068.19	7085.19	33.09	-5726.39	91.78	4019.32	359.34	11.21	PASS	
9425.00†	7084.53	9.84	-1805.47	7067.53	7084.53	33.09	-5726.39	92.34	3920.99	359.51	10.93	PASS	
9525.00†	7083.88	-2.75	-1904.66	7066.88	7083.88	33.09	-5726.39	93.41	3821.90	359.67	10.65	PASS	
9625.00†	7083.23	-10.13	-2004.37	7066.23	7083.23	33.09	-5726.39	96.27	3722.27	359.78	10.36	PASS	
9674.43	7082.91	-11.85	-2053.77	7065.91	7082.91	33.09	-5726.39	100.82	3672.89	359.82	10.23	PASS	
9725.00†	7082.58	-12.95	-2104.32	7065.58	7082.58	33.09	-5726.39	100.67	3622.35	359.84	10.08	PASS	
9825.00†	7081.93	-15.13	-2204.30	7064.93	7081.93	33.09	-5726.39	100.39	3522.42	359.90	9.80	PASS	
9925.00†	7081.27	-17.31	-2304.27	7064.27	7081.27	33.09	-5726.39	100.10	3422.48	359.96	9.52	PASS	
10025.00†	7080.62	-19.49	-2404.25	7063.62	7080.62	33.09	-5726.39	99.81	3322.55	360.03	9.24	PASS	
10125.00†	7079.97	-21.68	-2504.22	7062.97	7079.97	33.09	-5726.39	99.52	3222.63	360.11	8.96	PASS	
10225.00†	7079.32	-23.86	-2604.19	7062.32	7079.32	33.09	-5726.39	99.23	3122.71	360.20	8.68	PASS	
10325.00†	7078.67	-26.04	-2704.17	7061.67	7078.67	33.09	-5726.39	98.94	3022.79	360.29	8.40	PASS	
10425.00†	7078.02	-28.22	-2804.14	7061.02	7078.02	33.09	-5726.39	98.65	2922.89	360.40	8.12	PASS	
10525.00†	7077.37	-30.40	-2904.12	7060.37	7077.37	33.09	-5726.39	98.35	2822.98	360.52	7.84	PASS	
10625.00†	7076.72	-32.58	-3004.09	7059.72	7076.72	33.09	-5726.39	98.06	2723.09	360.65	7.56	PASS	
10725.00†	7076.07	-34.76	-3104.07	7059.07	7076.07	33.09	-5726.39	97.77	2623.20	360.80	7.28	PASS	
10825.00†	7075.42	-36.95	-3204.04	7058.42	7075.42	33.09	-5726.39	97.48	2523.32	360.97	7.00	PASS	
10925.00†	7074.76	-39.13	-3304.01	7057.76	7074.76	33.09	-5726.39	97.18	2423.45	361.16	6.72	PASS	
11025.00†	7074.11	-41.31	-3403.99	7057.11	7074.11	33.09	-5726.39	96.89	2323.59	361.37	6.44	PASS	
11125.00†	7073.46	-43.49	-3503.96	7056.46	7073.46	33.09	-5726.39	96.59	2223.74	361.61	6.16	PASS	
11174.43	7073.14	-44.57	-3553.38	7056.14	7073.14	33.09	-5726.39	96.45	2174.39	361.74	6.02	PASS	
11225.00†	7072.81	-46.34	-3603.92	7055.81	7072.81	33.09	-5726.39	94.33	2123.96	361.92	5.88	PASS	
11249.77	7072.65	-47.70	-3628.64	7055.65	7072.65	33.09	-5726.39	93.72	2099.30	362.03	5.81	PASS	
11325.00†	7072.16	-52.30	-3703.73	7055.16	7072.16	33.09	-5726.39	93.59	2024.45	362.43	5.59	PASS	
11425.00†	7071.51	-58.42	-3803.54	7054.51	7071.51	33.09	-5726.39	93.41	1925.02	363.05	5.31	PASS	
11525.00†	7070.86	-64.55	-3903.36	7053.86	7070.86	33.09	-5726.39	93.23	1825.64	363.78	5.03	PASS	
11625.00†	7070.21	-70.67	-4003.17	7053.21	7070.21	33.09	-5726.39	93.05	1726.34	364.66	4.74	PASS	
11725.00†	7069.56	-76.79	-4102.98	7052.56	7069.56	33.09	-5726.39	92.88	1627.12	365.71	4.46	PASS	
11825.00†	7068.91	-82.91	-4202.79	7051.91	7068.91	33.09	-5726.39	92.70	1528.01	366.99	4.17	PASS	
11925.00†	7068.25	-89.04	-4302.60	7051.25	7068.25	33.09	-5726.39	92.52	1429.02	368.54	3.88	PASS	
12025.00†	7067.60	-95.16	-4402.41	7050.60	7067.60	33.09	-5726.39	92.34	1330.18	370.43	3.60	PASS	
12125.00†	7066.95	-101.28	-4502.22	7049.95	7066.95	33.09	-5726.39	92.16	1231.52	372.78	3.31	PASS	
12225.00†	7066.30	-107.40	-4602.03	7049.30	7066.30	33.09	-5726.39	91.99	1133.10	375.69	3.02	PASS	
12325.00†	7065.65	-113.52	-4701.84	7048.65	7065.65	33.09	-5726.39	91.81	1034.98	379.37	2.73	PASS	
12425.00†	7065.00	-119.65	-4801.65	7048.00	7065.00	33.09	-5726.39	91.63	937.27	384.05	2.44	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 27 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. HOOD 41-20AWB Offset Wellpath: EX. HOOD 41-20AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#03 EX. HOOD 41-20 (661'FNL & 661'FEL, PR, NB/CD) Well: EX. HOOD 41-20 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	7047.35	7064.35	33.09	-5726.39	91.45	840.08	390.09	2.16	PASS	
12625.00†	7063.70	-131.89	-5001.27	7046.70	7063.70	33.09	-5726.39	91.27	743.65	398.01	1.87	PASS	
12725.00†	7063.05	-138.01	-5101.08	7046.05	7063.05	33.09	-5726.39	91.10	648.29	408.63	1.59	PASS	
12825.00†	7062.40	-144.13	-5200.89	7045.40	7062.40	33.09	-5726.39	90.92	554.58	423.18	1.31	PASS	
12925.00†	7061.74	-150.26	-5300.70	7044.74	7061.74	33.09	-5726.39	90.74	463.49	443.65	1.04	PASS	
12949.77	7061.58	-151.77	-5325.42	7044.58	7061.58	33.09	-5726.39	90.69	441.53	449.96	0.98	FAIL	
13025.00†	7061.09	-154.90	-5400.58	7044.09	7061.09	33.09	-5726.39	90.62	376.15	472.35	0.80	FAIL	
13125.00†	7060.44	-154.47	-5500.57	7043.44	7060.44	33.09	-5726.39	90.48	293.55	511.26	0.57	FAIL	
13225.00†	7059.78	-148.80	-5600.39	7042.78	7059.78	33.09	-5726.39	90.31	221.27	562.78	0.39	FAIL	
13325.00†	7059.12	-137.92	-5699.79	7042.12	7059.12	33.09	-5726.39	90.11	173.07	608.84	0.28	FAIL	
13369.09†	7058.83	-131.48	-5743.40	7041.83	7058.83	33.09	-5726.39	90.02	165.44	609.65	0.27	FAIL	
13379.06†	7058.77	-129.88	-5753.24	7041.81	7058.81	33.09	-5726.39	90.01	165.17	607.09	0.27	FAIL	
13425.00†	7058.47	-121.86	-5798.47	7041.47	7058.47	33.09	-5726.39	89.91	170.89	582.93	0.29	FAIL	
13506.75	7057.93	-104.90	-5878.44	7040.93	7057.93	33.09	-5726.39	89.74	205.33	514.35	0.40	FAIL	
13525.00†	7057.81	-100.73	-5896.20	7040.81	7057.81	33.09	-5726.39	89.70	216.21	499.08	0.43	FAIL	
13606.75	7057.28	-82.06	-5975.79	7040.28	7057.28	33.09	-5726.39	89.52	274.71	442.72	0.62	FAIL	
13625.00†	7057.16	-77.98	-5993.58	7040.16	7057.16	33.09	-5726.39	89.47	289.36	433.04	0.67	FAIL	
13725.00†	7056.51	-58.64	-6091.68	7039.51	7056.51	33.09	-5726.39	89.15	376.63	396.37	0.95	FAIL	
13825.00†	7055.86	-44.46	-6190.65	7038.86	7055.86	33.09	-5726.39	88.71	470.70	378.37	1.24	PASS	
13925.00†	7055.20	-35.48	-6290.24	7038.20	7055.20	33.09	-5726.39	88.00	568.00	370.05	1.54	PASS	
14025.00†	7054.55	-31.73	-6390.15	7037.55	7054.55	33.09	-5726.39	86.61	666.92	366.42	1.82	PASS	
14092.27	7054.12	-32.15	-6457.41	7037.12	7054.12	33.09	-5726.39	84.36	733.93	365.33	2.01	PASS	
14125.00†	7053.91	-32.93	-6490.13	7036.91	7053.91	33.09	-5726.39	84.11	766.60	364.99	2.10	PASS	
14225.00†	7053.26	-35.31	-6590.10	7036.26	7053.26	33.09	-5726.39	83.35	866.42	364.17	2.38	PASS	
14325.00†	7052.62	-37.69	-6690.07	7035.62	7052.62	33.09	-5726.39	82.59	966.28	363.59	2.66	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. HOOD 41-20AWB Offset Wellpath: EX. HOOD 41-20AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. HOOD 41-20AWB Offset Wellpath: EX. HOOD 41-20AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7351.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7351>	EX. HOOD 41-20AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. HOOD 41-20AWB Offset Wellpath: EX. HOOD 41-20AWP

MD Reference: Rig on SLOT#03 EX. HOOD 41-20 (661'FNL & 661'FEL, PR, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 28 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRTIZLER 11-21 AWB Offset Wellpath: EX. FRTIZLER 11-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#02 EX. FRTIZLER 11-21 (736'FNL & 695'FWL, PR, NB/CD) Well: EX. FRTIZLER 11-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	1.00	25.00	58.32	-4394.38	-89.24	4394.77	50.17	89.29	PASS	
125.00†	125.00	0.00	0.00	101.00	125.00	58.32	-4394.38	-89.24	4394.77	50.39	88.90	PASS	
225.00†	225.00	0.00	0.00	201.00	225.00	58.32	-4394.38	-89.24	4394.77	51.33	87.23	PASS	
300.00	300.00	0.00	0.00	276.00	300.00	58.32	-4394.38	-89.24	4394.77	52.58	85.12	PASS	
325.00†	325.00	0.02	0.11	301.00	325.00	58.32	-4394.38	-169.58	4394.87	53.00	84.44	PASS	
425.00†	424.96	0.46	2.69	400.96	424.96	58.32	-4394.38	-169.57	4397.45	55.28	80.94	PASS	
525.00†	524.77	1.48	8.71	500.77	524.77	58.32	-4394.38	-169.57	4403.45	58.08	77.08	PASS	
625.00†	624.30	3.09	18.15	600.30	624.30	58.32	-4394.38	-169.55	4412.88	61.23	73.21	PASS	
660.88	659.93	3.81	22.38	635.93	659.93	58.32	-4394.38	-169.55	4417.09	62.45	71.82	PASS	
725.00†	723.54	5.16	30.32	699.54	723.54	58.32	-4394.38	-169.57	4425.02	64.60	69.52	PASS	
825.00†	822.75	7.27	42.70	798.75	822.75	58.32	-4394.38	-169.60	4437.38	68.18	66.00	PASS	
925.00†	921.95	9.38	55.09	897.95	921.95	58.32	-4394.38	-169.63	4449.74	71.92	62.70	PASS	
1025.00†	1021.16	11.49	67.48	997.16	1021.16	58.32	-4394.38	-169.65	4462.10	75.78	59.63	PASS	
1125.00†	1120.37	13.60	79.86	1096.37	1120.37	58.32	-4394.38	-169.68	4474.46	79.75	56.78	PASS	
1225.00†	1219.58	15.71	92.25	1195.58	1219.58	58.32	-4394.38	-169.71	4486.83	83.80	54.15	PASS	
1325.00†	1318.78	17.82	104.63	1294.78	1318.78	58.32	-4394.38	-169.74	4499.19	87.92	51.73	PASS	
1425.00†	1417.99	19.93	117.02	1393.99	1417.99	58.32	-4394.38	-169.77	4511.56	92.10	49.49	PASS	
1525.00†	1517.20	22.04	129.40	1493.20	1517.20	58.32	-4394.38	-169.80	4523.93	96.32	47.43	PASS	
1625.00†	1616.41	24.15	141.79	1592.41	1616.41	58.32	-4394.38	-169.83	4536.30	100.58	45.53	PASS	
1725.00†	1715.61	26.25	154.17	1691.61	1715.61	58.32	-4394.38	-169.85	4548.67	104.88	43.76	PASS	
1825.00†	1814.82	28.36	166.56	1790.82	1814.82	58.32	-4394.38	-169.88	4561.04	108.91	42.15	PASS	
1925.00†	1914.03	30.47	178.95	1890.03	1914.03	58.32	-4394.38	-169.91	4573.41	113.19	40.65	PASS	
2025.00†	2013.24	32.58	191.33	1989.24	2013.24	58.32	-4394.38	-169.94	4585.78	117.50	39.26	PASS	
2125.00†	2112.44	34.69	203.72	2088.44	2112.44	58.32	-4394.38	-169.96	4598.16	121.84	37.95	PASS	
2225.00†	2211.65	36.80	216.10	2187.65	2211.65	58.32	-4394.38	-169.99	4610.53	126.20	36.73	PASS	
2325.00†	2310.86	38.91	228.49	2286.86	2310.86	58.32	-4394.38	-170.02	4622.91	130.58	35.59	PASS	
2425.00†	2410.07	41.02	240.87	2386.07	2410.07	58.32	-4394.38	-170.05	4635.28	134.99	34.51	PASS	
2525.00†	2509.28	43.13	253.26	2485.28	2509.28	58.32	-4394.38	-170.07	4647.66	139.42	33.50	PASS	
2625.00†	2608.48	45.24	265.64	2584.48	2608.48	58.32	-4394.38	-170.10	4660.04	143.87	32.55	PASS	
2725.00†	2707.69	47.35	278.03	2683.69	2707.69	58.32	-4394.38	-170.12	4672.42	148.33	31.65	PASS	
2825.00†	2806.90	49.46	290.41	2782.90	2806.90	58.32	-4394.38	-170.15	4684.80	152.81	30.80	PASS	
2925.00†	2906.11	51.56	302.80	2882.11	2906.11	58.32	-4394.38	-170.18	4697.18	157.31	29.99	PASS	
3025.00†	3005.31	53.67	315.19	2981.31	3005.31	58.32	-4394.38	-170.20	4709.57	161.83	29.23	PASS	
3125.00†	3104.52	55.78	327.57	3080.52	3104.52	58.32	-4394.38	-170.23	4721.95	166.36	28.50	PASS	
3225.00†	3203.73	57.89	339.96	3179.73	3203.73	58.32	-4394.38	-170.26	4734.33	170.90	27.81	PASS	
3325.00†	3302.94	60.00	352.34	3278.94	3302.94	58.32	-4394.38	-170.28	4746.72	175.46	27.16	PASS	
3425.00†	3402.14	62.11	364.73	3378.14	3402.14	58.32	-4394.38	-170.31	4759.11	180.03	26.54	PASS	
3525.00†	3501.35	64.22	377.11	3477.35	3501.35	58.32	-4394.38	-170.33	4771.49	184.62	25.94	PASS	
3625.00†	3600.56	66.33	389.50	3576.56	3600.56	58.32	-4394.38	-170.36	4783.88	189.21	25.37	PASS	
3725.00†	3699.77	68.44	401.88	3675.77	3699.77	58.32	-4394.38	-170.38	4796.27	193.82	24.83	PASS	
3825.00†	3798.97	70.55	414.27	3774.97	3798.97	58.32	-4394.38	-170.41	4808.66	198.45	24.31	PASS	
3925.00†	3898.18	72.66	426.65	3874.18	3898.18	58.32	-4394.38	-170.43	4821.05	203.08	23.82	PASS	
4025.00†	3997.39	74.76	439.04	3973.39	3997.39	58.32	-4394.38	-170.46	4833.45	207.72	23.34	PASS	
4125.00†	4096.60	76.87	451.43	4072.60	4096.60	58.32	-4394.38	-170.48	4845.84	212.38	22.89	PASS	
4225.00†	4195.80	78.98	463.81	4171.80	4195.80	58.32	-4394.38	-170.51	4858.23	217.04	22.45	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 29 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRTIZLER 11-21 AWB Offset Wellpath: EX. FRTIZLER 11-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#02 EX. FRTIZLER 11-21 (736'FNL & 695'FWL, PR, NB/CD) Well: EX. FRTIZLER 11-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4271.01	4295.01	58.32	-4394.38	-170.53	4870.63	221.71	22.04	PASS	
4425.00†	4394.22	83.20	488.58	4370.22	4394.22	58.32	-4394.38	-170.55	4883.02	226.40	21.63	PASS	
4525.00†	4493.43	85.31	500.97	4469.43	4493.43	58.32	-4394.38	-170.58	4895.42	231.09	21.25	PASS	
4625.00†	4592.64	87.42	513.35	4568.64	4592.64	58.32	-4394.38	-170.60	4907.82	235.79	20.87	PASS	
4725.00†	4691.84	89.53	525.74	4667.84	4691.84	58.32	-4394.38	-170.63	4920.22	240.50	20.52	PASS	
4825.00†	4791.05	91.64	538.12	4767.05	4791.05	58.32	-4394.38	-170.65	4932.61	245.22	20.17	PASS	
4925.00†	4890.26	93.75	550.51	4866.26	4890.26	58.32	-4394.38	-170.67	4945.01	249.95	19.84	PASS	
5025.00†	4989.47	95.86	562.89	4965.47	4989.47	58.32	-4394.38	-170.70	4957.41	254.68	19.52	PASS	
5125.00†	5088.67	97.97	575.28	5064.67	5088.67	58.32	-4394.38	-170.72	4969.82	259.42	19.21	PASS	
5225.00†	5187.88	100.07	587.67	5163.88	5187.88	58.32	-4394.38	-170.74	4982.22	264.17	18.91	PASS	
5325.00†	5287.09	102.18	600.05	5263.09	5287.09	58.32	-4394.38	-170.77	4994.62	268.93	18.62	PASS	
5425.00†	5386.30	104.29	612.44	5362.30	5386.30	58.32	-4394.38	-170.79	5007.03	273.69	18.34	PASS	
5525.00†	5485.50	106.40	624.82	5461.50	5485.50	58.32	-4394.38	-170.81	5019.43	278.46	18.07	PASS	
5625.00†	5584.71	108.51	637.21	5560.71	5584.71	58.32	-4394.38	-170.84	5031.84	283.23	17.81	PASS	
5725.00†	5683.92	110.62	649.59	5659.92	5683.92	58.32	-4394.38	-170.86	5044.24	288.01	17.55	PASS	
5825.00†	5783.13	112.73	661.98	5759.13	5783.13	58.32	-4394.38	-170.88	5056.65	292.80	17.31	PASS	
5925.00†	5882.33	114.84	674.36	5858.33	5882.33	58.32	-4394.38	-170.90	5069.06	297.59	17.07	PASS	
6025.00†	5981.54	116.95	686.75	5957.54	5981.54	58.32	-4394.38	-170.93	5081.47	302.39	16.84	PASS	
6125.00†	6080.75	119.06	699.13	6056.75	6080.75	58.32	-4394.38	-170.95	5093.87	307.19	16.62	PASS	
6225.00†	6179.96	121.17	711.52	6155.96	6179.96	58.32	-4394.38	-170.97	5106.29	312.00	16.40	PASS	
6325.00†	6279.17	123.27	723.91	6255.17	6279.17	58.32	-4394.38	-170.99	5118.70	316.82	16.19	PASS	
6425.00†	6378.37	125.38	736.29	6354.37	6378.37	58.32	-4394.38	-171.02	5131.11	321.64	15.99	PASS	
6428.02	6381.37	125.45	736.66	6357.37	6381.37	58.32	-4394.38	-171.02	5131.48	321.78	15.98	PASS	
6525.00†	6478.12	127.33	741.32	6454.12	6478.12	58.32	-4394.38	-32.88	5136.16	326.48	15.76	PASS	
6625.00†	6577.44	128.90	730.68	6553.44	6577.44	58.32	-4394.38	-5.11	5125.55	331.50	15.49	PASS	
6725.00†	6673.88	130.05	704.65	6649.88	6673.88	58.32	-4394.38	-2.54	5099.53	336.91	15.17	PASS	
6825.00†	6765.06	130.75	663.85	6741.06	6765.06	58.32	-4394.38	-1.58	5058.75	341.92	14.82	PASS	
6925.00†	6848.75	130.99	609.29	6824.75	6848.75	58.32	-4394.38	-1.06	5004.20	346.43	14.47	PASS	
7025.00†	6922.87	130.76	542.32	6898.87	6922.87	58.32	-4394.38	-0.70	4937.23	350.34	14.12	PASS	
7125.00†	6985.61	130.07	464.59	6961.61	6985.61	58.32	-4394.38	-0.37	4859.50	353.57	13.77	PASS	
7225.00†	7035.42	128.94	378.00	7011.42	7035.42	58.32	-4394.38	0.02	4772.90	356.07	13.43	PASS	
7325.00†	7071.07	127.38	284.70	7047.07	7071.07	58.32	-4394.38	0.71	4679.59	357.82	13.10	PASS	
7425.00†	7091.69	125.45	186.97	7067.69	7091.69	58.32	-4394.38	2.94	4581.84	358.80	12.79	PASS	
7511.52	7097.00	123.50	100.71	7073.00	7097.00	58.32	-4394.38	125.08	4495.56	359.05	12.54	PASS	
7525.00†	7096.91	123.18	87.23	7072.91	7096.91	58.32	-4394.38	125.00	4482.07	359.04	12.51	PASS	
7625.00†	7096.26	120.81	-12.74	7072.26	7096.26	58.32	-4394.38	124.39	4382.08	359.02	12.23	PASS	
7725.00†	7095.61	118.43	-112.71	7071.61	7095.61	58.32	-4394.38	123.78	4282.09	358.99	11.95	PASS	
7825.00†	7094.96	116.05	-212.68	7070.96	7094.96	58.32	-4394.38	123.15	4182.09	358.97	11.67	PASS	
7925.00†	7094.31	113.68	-312.65	7070.31	7094.31	58.32	-4394.38	122.52	4082.10	358.94	11.39	PASS	
8025.00†	7093.66	111.30	-412.62	7069.66	7093.66	58.32	-4394.38	121.88	3982.11	358.92	11.11	PASS	
8125.00†	7093.01	108.92	-512.59	7069.01	7093.01	58.32	-4394.38	121.23	3882.12	358.90	10.84	PASS	
8225.00†	7092.36	106.55	-612.56	7068.36	7092.36	58.32	-4394.38	120.57	3782.12	358.88	10.56	PASS	
8325.00†	7091.70	104.17	-712.53	7067.70	7091.70	58.32	-4394.38	119.90	3682.13	358.86	10.28	PASS	
8425.00†	7091.05	101.79	-812.50	7067.05	7091.05	58.32	-4394.38	119.23	3582.14	358.85	10.00	PASS	
8525.00†	7090.40	99.41	-912.47	7066.40	7090.40	58.32	-4394.38	118.54	3482.15	358.83	9.72	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 30 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRTIZLER 11-21 AWB Offset Wellpath: EX. FRTIZLER 11-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#02 EX. FRTIZLER 11-21 (736'FNL & 695'FWL, PR, NB/CD) Well: EX. FRTIZLER 11-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7065.75	7089.75	58.32	-4394.38	117.85	3382.16	358.82	9.44	PASS	
8725.00†	7089.10	94.66	-1112.41	7065.10	7089.10	58.32	-4394.38	117.14	3282.17	358.81	9.16	PASS	
8825.00†	7088.45	92.28	-1212.38	7064.45	7088.45	58.32	-4394.38	116.43	3182.18	358.80	8.88	PASS	
8861.52	7088.21	91.42	-1248.88	7064.21	7088.21	58.32	-4394.38	116.17	3145.67	358.79	8.78	PASS	
8925.00†	7087.80	88.85	-1312.31	7063.80	7087.80	58.32	-4394.38	97.88	3082.22	358.79	8.61	PASS	
9025.00†	7087.14	80.54	-1411.95	7063.14	7087.14	58.32	-4394.38	93.66	2982.51	358.80	8.33	PASS	
9125.00†	7086.49	67.03	-1511.02	7062.49	7086.49	58.32	-4394.38	92.34	2883.37	358.84	8.05	PASS	
9216.11	7085.90	50.22	-1600.55	7061.90	7085.90	58.32	-4394.38	91.73	2793.84	358.94	7.80	PASS	
9225.00†	7085.84	48.37	-1609.25	7061.84	7085.84	58.32	-4394.38	91.72	2785.14	358.96	7.77	PASS	
9316.11	7085.25	29.43	-1698.37	7061.25	7085.25	58.32	-4394.38	91.67	2696.17	359.14	7.52	PASS	
9325.00†	7085.19	27.60	-1707.07	7061.19	7085.19	58.32	-4394.38	91.70	2687.48	359.16	7.50	PASS	
9425.00†	7084.53	9.84	-1805.47	7060.53	7084.53	58.32	-4394.38	92.17	2589.37	359.42	7.22	PASS	
9525.00†	7083.88	-2.75	-1904.66	7059.88	7083.88	58.32	-4394.38	92.99	2490.47	359.68	6.94	PASS	
9625.00†	7083.23	-10.13	-2004.37	7059.23	7083.23	58.32	-4394.38	94.88	2390.99	359.89	6.65	PASS	
9674.43	7082.91	-11.85	-2053.77	7058.91	7082.91	58.32	-4394.38	97.16	2341.66	359.96	6.52	PASS	
9725.00†	7082.58	-12.95	-2104.32	7058.58	7082.58	58.32	-4394.38	97.01	2291.16	360.03	6.37	PASS	
9825.00†	7081.93	-15.13	-2204.30	7057.93	7081.93	58.32	-4394.38	96.70	2191.31	360.17	6.09	PASS	
9925.00†	7081.27	-17.31	-2304.27	7057.27	7081.27	58.32	-4394.38	96.40	2091.47	360.33	5.81	PASS	
10025.00†	7080.62	-19.49	-2404.25	7056.62	7080.62	58.32	-4394.38	96.10	1991.65	360.52	5.53	PASS	
10125.00†	7079.97	-21.68	-2504.22	7055.97	7079.97	58.32	-4394.38	95.79	1891.85	360.73	5.25	PASS	
10225.00†	7079.32	-23.86	-2604.19	7055.32	7079.32	58.32	-4394.38	95.49	1792.07	360.99	4.97	PASS	
10325.00†	7078.67	-26.04	-2704.17	7054.67	7078.67	58.32	-4394.38	95.18	1692.31	361.30	4.69	PASS	
10425.00†	7078.02	-28.22	-2804.14	7054.02	7078.02	58.32	-4394.38	94.88	1592.59	361.66	4.41	PASS	
10525.00†	7077.37	-30.40	-2904.12	7053.37	7077.37	58.32	-4394.38	94.57	1492.90	362.10	4.13	PASS	
10625.00†	7076.72	-32.58	-3004.09	7052.72	7076.72	58.32	-4394.38	94.26	1393.26	362.62	3.85	PASS	
10725.00†	7076.07	-34.76	-3104.07	7052.07	7076.07	58.32	-4394.38	93.96	1293.67	363.28	3.57	PASS	
10825.00†	7075.42	-36.95	-3204.04	7051.42	7075.42	58.32	-4394.38	93.65	1194.15	364.09	3.28	PASS	
10925.00†	7074.76	-39.13	-3304.01	7050.76	7074.76	58.32	-4394.38	93.34	1094.71	365.11	3.00	PASS	
11025.00†	7074.11	-41.31	-3403.99	7050.11	7074.11	58.32	-4394.38	93.04	995.39	366.43	2.72	PASS	
11125.00†	7073.46	-43.49	-3503.96	7049.46	7073.46	58.32	-4394.38	92.73	896.22	368.17	2.44	PASS	
11174.43	7073.14	-44.57	-3553.38	7049.14	7073.14	58.32	-4394.38	92.58	847.27	369.23	2.30	PASS	
11225.00†	7072.81	-46.34	-3603.92	7048.81	7072.81	58.32	-4394.38	92.05	797.36	370.61	2.15	PASS	
11249.77	7072.65	-47.70	-3628.64	7048.65	7072.65	58.32	-4394.38	91.85	773.04	371.47	2.08	PASS	
11325.00†	7072.16	-52.30	-3703.73	7048.16	7072.16	58.32	-4394.38	91.67	699.45	374.68	1.87	PASS	
11425.00†	7071.51	-58.42	-3803.54	7047.51	7071.51	58.32	-4394.38	91.42	602.26	380.60	1.58	PASS	
11525.00†	7070.86	-64.55	-3903.36	7046.86	7070.86	58.32	-4394.38	91.18	506.16	389.43	1.30	PASS	
11625.00†	7070.21	-70.67	-4003.17	7046.21	7070.21	58.32	-4394.38	90.93	411.93	403.10	1.02	PASS	
11725.00†	7069.56	-76.79	-4102.98	7045.56	7069.56	58.32	-4394.38	90.69	321.20	425.26	0.75	FAIL	
11825.00†	7068.91	-82.91	-4202.79	7044.91	7068.91	58.32	-4394.38	90.45	238.02	462.43	0.51	FAIL	
11925.00†	7068.25	-89.04	-4302.60	7044.25	7068.25	58.32	-4394.38	90.20	173.60	518.60	0.33	FAIL	
12007.78†	7067.72	-94.10	-4385.22	7043.65	7067.65	58.32	-4394.38	89.97	152.70	550.87	0.28	FAIL	
12009.68†	7067.70	-94.22	-4387.12	7043.70	7067.70	58.32	-4394.38	90.00	152.71	550.99	0.28	FAIL	
12025.00†	7067.60	-95.16	-4402.41	7043.60	7067.60	58.32	-4394.38	89.96	153.69	550.62	0.28	FAIL	
12125.00†	7066.95	-101.28	-4502.22	7042.95	7066.95	58.32	-4394.38	89.71	192.61	510.58	0.38	FAIL	
12225.00†	7066.30	-107.40	-4602.03	7042.30	7066.30	58.32	-4394.38	89.47	265.67	464.19	0.57	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 31 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: EX. FRTIZLER 11-21 AWB Offset Wellpath: EX. FRTIZLER 11-21 AWP

Facility: SEC.21-T06N-66W		Slot: SLOT#02 EX. FRTIZLER 11-21 (736'FNL & 695'FWL, PR, NB/CD)		Well: EX. FRTIZLER 11-21		Threshold Value=1.00 † = interpolated/extrapolated station							
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12325.00†	7065.65	-113.52	-4701.84	7041.65	7065.65	58.32	-4394.38	89.23	352.22	434.25	0.81	FAIL	
12425.00†	7065.00	-119.65	-4801.65	7041.00	7065.00	58.32	-4394.38	88.98	444.45	415.60	1.07	PASS	
12525.00†	7064.35	-125.77	-4901.46	7040.35	7064.35	58.32	-4394.38	88.74	539.46	403.42	1.34	PASS	
12625.00†	7063.70	-131.89	-5001.27	7039.70	7063.70	58.32	-4394.38	88.49	636.00	395.07	1.61	PASS	
12725.00†	7063.05	-138.01	-5101.08	7039.05	7063.05	58.32	-4394.38	88.25	733.46	389.09	1.89	PASS	
12825.00†	7062.40	-144.13	-5200.89	7038.40	7062.40	58.32	-4394.38	88.00	831.53	384.66	2.16	PASS	
12925.00†	7061.74	-150.26	-5300.70	7037.74	7061.74	58.32	-4394.38	87.76	930.01	381.28	2.44	PASS	
12949.77	7061.58	-151.77	-5325.42	7037.58	7061.58	58.32	-4394.38	87.70	954.45	380.57	2.51	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: EX. FRTIZLER 11-21 AWB Offset Wellpath: EX. FRTIZLER 11-21 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: EX. FRTIZLER 11-21 AWB Offset Wellpath: EX. FRTIZLER 11-21 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7340.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7340>	EX. FRTIZLER 11-21 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: EX. FRTIZLER 11-21 AWB Offset Wellpath: EX. FRTIZLER 11-21 AWP

MD Reference: Rig on SLOT#02 EX. FRTIZLER 11-21 (736'FNL & 695'FWL, PR, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 32 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20B-L PWB Offset Wellpath: DONN 30N-20B-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#14 DONN 30N-20B-L (758'FNL & 250'FEL, SEC.21) Well: DONN 30N-20B-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	26.00	25.00	40.07	0.28	0.40	40.08	1.57	65.01	PASS	
125.00†	125.00	0.00	0.00	126.00	125.00	40.07	0.28	0.40	40.08	1.88	42.48	PASS	
225.00†	225.00	0.00	0.00	226.00	225.00	40.07	0.28	0.40	40.08	2.45	26.30	PASS	
300.00	300.00	0.00	0.00	300.99	299.99	40.07	0.28	0.40	40.08	2.90	20.24	PASS	
325.00†	325.00	0.02	0.11	325.81	324.81	40.13	0.38	-79.95	40.12	3.04	18.82	PASS	
425.00†	424.96	0.46	2.69	425.08	424.04	41.49	2.62	-80.39	41.04	3.74	14.41	PASS	
525.00†	524.77	1.48	8.71	524.31	523.08	44.61	7.79	-81.40	43.17	4.61	11.57	PASS	
625.00†	624.30	3.09	18.15	623.49	621.80	49.50	15.90	-82.82	46.53	5.43	10.20	PASS	
660.88	659.93	3.81	22.38	659.06	657.12	51.69	19.52	-83.39	48.05	5.73	9.87	PASS	
725.00†	723.54	5.16	30.32	722.59	720.06	56.15	26.91	-83.72	51.22	6.30	9.42	PASS	
825.00†	822.75	7.27	42.70	822.44	818.83	63.73	39.46	-83.18	56.68	7.15	9.00	PASS	
925.00†	921.95	9.38	55.09	922.29	917.60	71.30	52.00	-82.74	62.15	8.06	8.64	PASS	
1025.00†	1021.16	11.49	67.48	1022.14	1016.37	78.87	64.55	-82.37	67.62	8.97	8.33	PASS	
1125.00†	1120.37	13.60	79.86	1121.99	1115.14	86.44	77.09	-82.06	73.09	9.91	8.07	PASS	
1225.00†	1219.58	15.71	92.25	1221.84	1213.90	94.02	89.64	-81.79	78.56	10.86	7.84	PASS	
1325.00†	1318.78	17.82	104.63	1321.69	1312.67	101.59	102.18	-81.56	84.03	11.82	7.65	PASS	
1425.00†	1417.99	19.93	117.02	1421.54	1411.44	109.16	114.72	-81.35	89.50	12.78	7.49	PASS	
1525.00†	1517.20	22.04	129.40	1521.39	1510.21	116.74	127.27	-81.17	94.98	13.75	7.35	PASS	
1625.00†	1616.41	24.15	141.79	1621.24	1608.98	124.31	139.81	-81.01	100.46	14.73	7.23	PASS	
1725.00†	1715.61	26.25	154.17	1721.09	1707.75	131.88	152.36	-80.86	105.93	15.70	7.12	PASS	
1825.00†	1814.82	28.36	166.56	1820.94	1806.52	139.45	164.90	-80.73	111.41	15.96	7.26	PASS	
1925.00†	1914.03	30.47	178.95	1920.79	1905.28	147.03	177.45	-80.61	116.89	16.06	7.57	PASS	
2025.00†	2013.24	32.58	191.33	2020.64	2004.05	154.60	189.99	-80.50	122.37	16.22	7.84	PASS	
2125.00†	2112.44	34.69	203.72	2120.49	2102.82	162.17	202.53	-80.40	127.85	16.47	8.07	PASS	
2225.00†	2211.65	36.80	216.10	2220.34	2201.59	169.74	215.08	-80.31	133.33	16.78	8.25	PASS	
2325.00†	2310.86	38.91	228.49	2320.18	2300.36	177.32	227.62	-80.23	138.81	17.16	8.39	PASS	
2425.00†	2410.07	41.02	240.87	2420.03	2399.13	184.89	240.17	-80.15	144.29	17.61	8.50	PASS	
2525.00†	2509.28	43.13	253.26	2519.88	2497.90	192.46	252.71	-80.08	149.77	18.11	8.57	PASS	
2625.00†	2608.48	45.24	265.64	2619.73	2596.66	200.03	265.26	-80.01	155.25	18.67	8.60	PASS	
2725.00†	2707.69	47.35	278.03	2719.58	2695.43	207.61	277.80	-79.95	160.73	19.28	8.62	PASS	
2825.00†	2806.90	49.46	290.41	2819.43	2794.20	215.18	290.35	-79.89	166.21	19.93	8.61	PASS	
2925.00†	2906.11	51.56	302.80	2919.28	2892.97	222.75	302.89	-79.84	171.69	20.62	8.59	PASS	
3025.00†	3005.31	53.67	315.19	3019.13	2991.74	230.33	315.43	-79.79	177.17	21.34	8.55	PASS	
3125.00†	3104.52	55.78	327.57	3118.98	3090.51	237.90	327.98	-79.74	182.65	22.10	8.50	PASS	
3225.00†	3203.73	57.89	339.96	3218.83	3189.27	245.47	340.52	-79.69	188.14	22.89	8.45	PASS	
3325.00†	3302.94	60.00	352.34	3318.68	3288.04	253.04	353.07	-79.65	193.62	23.70	8.39	PASS	
3425.00†	3402.14	62.11	364.73	3418.53	3386.81	260.62	365.61	-79.61	199.10	24.54	8.32	PASS	
3525.00†	3501.35	64.22	377.11	3518.38	3485.58	268.19	378.16	-79.57	204.58	25.40	8.26	PASS	
3625.00†	3600.56	66.33	389.50	3618.23	3584.35	275.76	390.70	-79.54	210.06	26.28	8.19	PASS	
3725.00†	3699.77	68.44	401.88	3718.08	3683.12	283.33	403.25	-79.50	215.54	27.17	8.12	PASS	
3825.00†	3798.97	70.55	414.27	3817.93	3781.89	290.91	415.79	-79.47	221.03	28.08	8.05	PASS	
3925.00†	3898.18	72.66	426.65	3917.78	3880.65	298.48	428.33	-79.44	226.51	29.00	7.98	PASS	
4025.00†	3997.39	74.76	439.04	4017.63	3979.42	306.05	440.88	-79.41	231.99	29.94	7.91	PASS	
4125.00†	4096.60	76.87	451.43	4117.48	4078.19	313.62	453.42	-79.38	237.47	30.88	7.85	PASS	
4225.00†	4195.80	78.98	463.81	4217.33	4176.96	321.20	465.97	-79.35	242.96	31.84	7.78	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 33 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20B-L PWB Offset Wellpath: DONN 30N-20B-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#14 DONN 30N-20B-L (758'FNL & 250'FEL, SEC.21) Well: DONN 30N-20B-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4317.18	4275.73	328.77	478.51	-79.33	248.44	32.81	7.72	PASS	
4425.00†	4394.22	83.20	488.58	4417.03	4374.50	336.34	491.06	-79.30	253.92	33.78	7.66	PASS	
4525.00†	4493.43	85.31	500.97	4516.87	4473.27	343.92	503.60	-79.28	259.40	34.76	7.60	PASS	
4625.00†	4592.64	87.42	513.35	4616.72	4572.03	351.49	516.14	-79.26	264.89	35.75	7.54	PASS	
4725.00†	4691.84	89.53	525.74	4716.57	4670.80	359.06	528.69	-79.24	270.37	36.75	7.48	PASS	
4825.00†	4791.05	91.64	538.12	4816.42	4769.57	366.63	541.23	-79.22	275.85	37.75	7.43	PASS	
4925.00†	4890.26	93.75	550.51	4916.27	4868.34	374.21	553.78	-79.19	281.33	38.76	7.37	PASS	
5025.00†	4989.47	95.86	562.89	5016.12	4967.11	381.78	566.32	-79.18	286.82	39.77	7.32	PASS	
5125.00†	5088.67	97.97	575.28	5115.97	5065.88	389.35	578.87	-79.16	292.30	40.79	7.27	PASS	
5225.00†	5187.88	100.07	587.67	5215.82	5164.65	396.92	591.41	-79.14	297.78	41.81	7.23	PASS	
5325.00†	5287.09	102.18	600.05	5315.67	5263.41	404.50	603.96	-79.12	303.26	42.84	7.18	PASS	
5425.00†	5386.30	104.29	612.44	5415.52	5362.18	412.07	616.50	-79.11	308.75	43.87	7.14	PASS	
5525.00†	5485.50	106.40	624.82	5515.37	5460.95	419.64	629.04	-79.09	314.23	44.90	7.09	PASS	
5625.00†	5584.71	108.51	637.21	5615.22	5559.72	427.21	641.59	-79.08	319.71	45.94	7.05	PASS	
5725.00†	5683.92	110.62	649.59	5715.07	5658.49	434.79	654.13	-79.06	325.20	46.98	7.01	PASS	
5825.00†	5783.13	112.73	661.98	5814.92	5757.26	442.36	666.68	-79.05	330.68	48.02	6.97	PASS	
5925.00†	5882.33	114.84	674.36	5914.77	5856.03	449.93	679.22	-79.03	336.16	49.07	6.94	PASS	
6025.00†	5981.54	116.95	686.75	6014.62	5954.79	457.51	691.77	-79.02	341.64	50.12	6.90	PASS	
6125.00†	6080.75	119.06	699.13	6114.47	6053.56	465.08	704.31	-79.01	347.13	51.17	6.87	PASS	
6225.00†	6179.96	121.17	711.52	6214.32	6152.33	472.65	716.85	-78.99	352.61	52.22	6.83	PASS	
6325.00†	6279.17	123.27	723.91	6314.17	6251.10	480.22	729.40	-78.98	358.09	53.27	6.80	PASS	
6425.00†	6378.37	125.38	736.29	6414.85	6350.83	487.84	740.81	-79.17	363.53	54.34	6.77	PASS	
6428.02	6381.37	125.45	736.66	6417.93	6353.89	488.07	740.99	-79.20	363.69	54.37	6.76	PASS	
6525.00†	6478.12	127.33	741.32	6516.04	6451.62	495.23	739.18	57.47	368.86	55.74	6.69	PASS	
6625.00†	6577.44	128.90	730.68	6616.16	6549.89	502.07	721.85	83.73	374.30	57.92	6.53	PASS	
6725.00†	6673.88	130.05	704.65	6715.27	6643.34	508.21	689.71	84.83	379.69	59.08	6.49	PASS	
6825.00†	6765.06	130.75	663.85	6813.43	6729.90	513.53	643.95	84.38	384.91	60.21	6.46	PASS	
6925.00†	6848.75	130.99	609.29	6910.70	6807.79	517.92	586.00	83.59	389.79	61.74	6.37	PASS	
7025.00†	6922.87	130.76	542.32	7007.19	6875.48	521.32	517.46	82.73	394.21	63.99	6.22	PASS	
7125.00†	6985.61	130.07	464.59	7102.97	6931.72	523.67	440.07	81.93	398.02	66.81	6.01	PASS	
7225.00†	7035.42	128.94	378.00	7198.17	6975.54	524.93	355.66	81.23	401.12	70.76	5.72	PASS	
7325.00†	7071.07	127.38	284.70	7292.89	7006.21	525.11	266.14	80.67	403.41	74.81	5.43	PASS	
7425.00†	7091.69	125.45	186.97	7387.22	7023.28	524.21	173.46	80.26	404.82	79.59	5.12	PASS	
7511.52	7097.00	123.50	100.71	7469.16	7026.95	522.58	91.67	80.05	405.28	83.94	4.86	PASS	
7525.00†	7096.91	123.18	87.23	7482.65	7026.86	522.26	78.19	80.05	405.28	84.66	4.82	PASS	
7625.00†	7096.26	120.81	-12.74	7582.65	7026.26	519.89	-21.78	80.05	405.28	90.31	4.52	PASS	
7725.00†	7095.61	118.43	-112.71	7682.65	7025.66	517.52	-121.75	80.06	405.28	96.49	4.22	PASS	
7825.00†	7094.96	116.05	-212.68	7782.65	7025.06	515.15	-221.72	80.07	405.28	103.10	3.95	PASS	
7925.00†	7094.31	113.68	-312.65	7882.65	7024.46	512.78	-321.69	80.08	405.27	110.08	3.70	PASS	
8025.00†	7093.66	111.30	-412.62	7982.65	7023.85	510.41	-421.66	80.08	405.27	117.35	3.47	PASS	
8125.00†	7093.01	108.92	-512.59	8082.65	7023.25	508.04	-521.63	80.09	405.27	124.86	3.26	PASS	
8225.00†	7092.36	106.55	-612.56	8182.65	7022.65	505.67	-621.60	80.10	405.27	132.58	3.07	PASS	
8325.00†	7091.70	104.17	-712.53	8282.65	7022.05	503.30	-721.57	80.10	405.27	140.47	2.89	PASS	
8425.00†	7091.05	101.79	-812.50	8382.65	7021.45	500.93	-821.54	80.11	405.27	148.49	2.74	PASS	
8525.00†	7090.40	99.41	-912.47	8482.65	7020.84	498.56	-921.51	80.12	405.26	156.64	2.59	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 34 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20B-L PWB Offset Wellpath: DONN 30N-20B-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#14 DONN 30N-20B-L (758'FNL & 250'FEL, SEC.21) Well: DONN 30N-20B-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	8582.65	7020.24	496.19	-1021.48	80.12	405.26	164.89	2.46	PASS	
8725.00†	7089.10	94.66	-1112.41	8682.65	7019.64	493.82	-1121.45	80.13	405.26	173.23	2.34	PASS	
8825.00†	7088.45	92.28	-1212.38	8782.65	7019.04	491.45	-1221.42	80.14	405.26	181.64	2.24	PASS	
8861.52	7088.21	91.42	-1248.88	8819.16	7018.82	490.59	-1257.93	80.14	405.26	184.73	2.20	PASS	
8925.00†	7087.80	88.85	-1312.31	8882.64	7018.43	489.08	-1321.38	80.15	406.30	190.12	2.14	PASS	
9025.00†	7087.14	80.54	-1411.95	8982.45	7017.83	486.72	-1421.16	80.25	412.15	198.67	2.08	PASS	
9125.00†	7086.49	67.03	-1511.02	9081.81	7017.24	484.36	-1520.50	80.44	423.14	207.25	2.05	PASS	
9216.11	7085.90	50.22	-1600.55	9171.72	7016.69	482.23	-1610.38	80.68	437.63	215.03	2.04	PASS	
9225.00†	7085.84	48.37	-1609.25	9180.46	7016.64	482.03	-1619.12	80.71	439.25	215.79	2.04	PASS	
9316.11	7085.25	29.43	-1698.37	9270.00	7016.10	479.90	-1708.63	81.06	455.86	223.54	2.04	PASS	
9325.00†	7085.19	27.60	-1707.07	9278.74	7016.05	479.70	-1717.37	81.10	457.46	224.30	2.04	PASS	
9425.00†	7084.53	9.84	-1805.47	9377.53	7015.45	477.35	-1816.13	81.48	472.71	232.90	2.03	PASS	
9525.00†	7083.88	-2.75	-1904.66	9477.00	7014.86	475.00	-1915.57	81.73	482.83	241.64	2.00	PASS	
9625.00†	7083.23	-10.13	-2004.37	9576.86	7014.25	472.63	-2015.40	81.86	487.79	250.45	1.95	PASS	
9674.43	7082.91	-11.85	-2053.77	9626.29	7013.96	471.46	-2064.81	81.88	488.32	254.81	1.92	PASS	
9725.00†	7082.58	-12.95	-2104.32	9676.86	7013.65	470.26	-2115.36	81.89	488.23	259.28	1.89	PASS	
9825.00†	7081.93	-15.13	-2204.30	9776.85	7013.05	467.89	-2215.33	81.89	488.03	268.12	1.82	PASS	
9925.00†	7081.27	-17.31	-2304.27	9876.85	7012.45	465.52	-2315.30	81.89	487.84	276.99	1.76	PASS	
10025.00†	7080.62	-19.49	-2404.25	9976.85	7011.85	463.15	-2415.27	81.89	487.65	285.87	1.71	PASS	
10125.00†	7079.97	-21.68	-2504.22	10076.85	7011.24	460.78	-2515.24	81.90	487.45	294.77	1.66	PASS	
10225.00†	7079.32	-23.86	-2604.19	10176.85	7010.64	458.41	-2615.21	81.90	487.26	303.69	1.61	PASS	
10325.00†	7078.67	-26.04	-2704.17	10276.85	7010.04	456.04	-2715.18	81.90	487.07	312.62	1.56	PASS	
10425.00†	7078.02	-28.22	-2804.14	10376.85	7009.44	453.67	-2815.15	81.90	486.87	321.56	1.52	PASS	
10525.00†	7077.37	-30.40	-2904.12	10476.85	7008.84	451.30	-2915.12	81.91	486.68	330.52	1.47	PASS	
10625.00†	7076.72	-32.58	-3004.09	10576.85	7008.23	448.93	-3015.09	81.91	486.49	339.48	1.43	PASS	
10725.00†	7076.07	-34.76	-3104.07	10676.85	7007.63	446.56	-3115.06	81.91	486.29	348.46	1.40	PASS	
10825.00†	7075.42	-36.95	-3204.04	10776.85	7007.03	444.19	-3215.03	81.91	486.10	357.45	1.36	PASS	
10925.00†	7074.76	-39.13	-3304.01	10876.85	7006.43	441.82	-3315.00	81.92	485.91	366.44	1.33	PASS	
11025.00†	7074.11	-41.31	-3403.99	10976.85	7005.82	439.45	-3414.97	81.92	485.71	375.44	1.29	PASS	
11125.00†	7073.46	-43.49	-3503.96	11076.85	7005.22	437.08	-3514.94	81.92	485.52	384.45	1.26	PASS	
11174.43	7073.14	-44.57	-3553.38	11126.29	7004.92	435.91	-3564.36	81.92	485.42	388.91	1.25	PASS	
11225.00†	7072.81	-46.34	-3603.92	11176.85	7004.62	434.71	-3614.91	81.92	485.99	393.47	1.24	PASS	
11249.77	7072.65	-47.70	-3628.64	11201.60	7004.47	434.13	-3639.65	81.93	486.75	395.71	1.23	PASS	
11325.00†	7072.16	-52.30	-3703.73	11276.78	7004.02	432.34	-3714.81	81.98	489.54	402.51	1.22	PASS	
11425.00†	7071.51	-58.42	-3803.54	11376.71	7003.42	429.98	-3814.71	82.05	493.25	411.56	1.20	PASS	
11525.00†	7070.86	-64.55	-3903.36	11476.64	7002.82	427.61	-3914.61	82.11	496.96	420.62	1.18	PASS	
11625.00†	7070.21	-70.67	-4003.17	11576.57	7002.21	425.24	-4014.51	82.18	500.68	429.68	1.17	PASS	
11725.00†	7069.56	-76.79	-4102.98	11676.50	7001.61	422.87	-4114.41	82.24	504.39	438.75	1.15	PASS	
11825.00†	7068.91	-82.91	-4202.79	11776.43	7001.01	420.50	-4214.31	82.30	508.11	447.83	1.13	PASS	
11925.00†	7068.25	-89.04	-4302.60	11876.36	7000.41	418.14	-4314.21	82.36	511.82	456.91	1.12	PASS	
12025.00†	7067.60	-95.16	-4402.41	11976.29	6999.81	415.77	-4414.11	82.42	515.54	465.99	1.11	PASS	
12125.00†	7066.95	-101.28	-4502.22	12076.22	6999.20	413.40	-4514.01	82.48	519.25	475.09	1.09	PASS	
12225.00†	7066.30	-107.40	-4602.03	12176.15	6998.60	411.03	-4613.91	82.54	522.97	484.18	1.08	PASS	
12325.00†	7065.65	-113.52	-4701.84	12276.08	6998.00	408.66	-4713.81	82.60	526.69	493.28	1.07	PASS	
12425.00†	7065.00	-119.65	-4801.65	12376.01	6997.40	406.29	-4813.71	82.66	530.40	502.39	1.06	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 35 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20B-L PWB Offset Wellpath: DONN 30N-20B-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#14 DONN 30N-20B-L (758'FNL & 250'FEL, SEC.21) Well: DONN 30N-20B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	12475.94	6996.80	403.93	-4913.61	82.72	534.12	511.50	1.04	PASS	
12625.00†	7063.70	-131.89	-5001.27	12575.87	6996.20	401.56	-5013.51	82.77	537.84	520.61	1.03	PASS	
12725.00†	7063.05	-138.01	-5101.08	12675.79	6995.59	399.19	-5113.41	82.83	541.56	529.73	1.02	PASS	
12825.00†	7062.40	-144.13	-5200.89	12775.72	6994.99	396.82	-5213.31	82.88	545.28	538.85	1.01	PASS	
12925.00†	7061.74	-150.26	-5300.70	12875.65	6994.39	394.45	-5313.21	82.93	549.00	547.97	1.00	PASS	
12949.77	7061.58	-151.77	-5325.42	12900.40	6994.24	393.87	-5337.95	82.95	549.92	550.23	1.00	FAIL	
13025.00†	7061.09	-154.90	-5400.58	12975.62	6993.79	392.08	-5413.14	82.99	551.25	557.09	0.99	FAIL	
13125.00†	7060.44	-154.47	-5500.57	13075.57	6993.19	389.72	-5513.06	82.97	548.46	566.18	0.97	FAIL	
13225.00†	7059.78	-148.80	-5600.39	13175.23	6992.59	387.35	-5612.70	82.86	540.49	575.20	0.94	FAIL	
13325.00†	7059.12	-137.92	-5699.79	13274.34	6991.99	385.00	-5711.78	82.65	527.36	584.09	0.90	FAIL	
13425.00†	7058.47	-121.86	-5798.47	13372.62	6991.40	382.68	-5810.03	82.34	509.10	592.80	0.86	FAIL	
13506.75	7057.93	-104.90	-5878.44	13452.17	6990.92	380.79	-5889.55	81.99	490.41	599.72	0.82	FAIL	
13525.00†	7057.81	-100.73	-5896.20	13469.83	6990.81	380.37	-5907.20	81.91	485.87	601.24	0.81	FAIL	
13606.75	7057.28	-82.06	-5975.79	13548.96	6990.34	378.50	-5986.31	81.56	465.52	608.01	0.77	FAIL	
13625.00†	7057.16	-77.98	-5993.58	13566.64	6990.23	378.08	-6003.99	81.49	461.06	609.51	0.76	FAIL	
13725.00†	7056.51	-58.64	-6091.68	13664.25	6989.64	375.76	-6101.57	81.16	439.63	617.85	0.71	FAIL	
13825.00†	7055.86	-44.46	-6190.65	13762.87	6989.05	373.43	-6200.16	80.88	423.30	626.36	0.68	FAIL	
13925.00†	7055.20	-35.48	-6290.24	13862.21	6988.45	371.07	-6299.47	80.68	412.10	635.05	0.65	FAIL	
14025.00†	7054.55	-31.73	-6390.15	13962.01	6987.85	368.71	-6399.24	80.55	406.05	643.93	0.63	FAIL	
14092.27	7054.12	-32.15	-6457.41	14029.27	6987.44	367.11	-6466.47	80.52	404.89	650.00	0.62	FAIL	
14125.00†	7053.91	-32.93	-6490.13	14062.00	6987.25	366.34	-6499.20	80.52	404.89	652.98	0.62	FAIL	
14225.00†	7053.26	-35.31	-6590.10	14162.00	6986.65	363.97	-6599.17	80.53	404.90	662.06	0.61	FAIL	
14325.00†	7052.62	-37.69	-6690.07	14262.00	6986.04	361.60	-6699.14	80.54	404.91	671.14	0.60	FAIL	
14425.00†	7051.98	-40.08	-6790.04	14362.00	6985.44	359.23	-6799.11	80.54	404.91	680.23	0.59	FAIL	
14525.00†	7051.33	-42.46	-6890.01	14462.00	6984.84	356.86	-6899.08	80.55	404.92	689.32	0.59	FAIL	
14625.00†	7050.69	-44.84	-6989.98	14562.00	6984.24	354.49	-6999.05	80.55	404.92	698.41	0.58	FAIL	
14725.00†	7050.04	-47.23	-7089.95	14662.00	6983.63	352.12	-7099.02	80.56	404.93	707.50	0.57	FAIL	
14825.00†	7049.40	-49.61	-7189.92	14762.00	6983.03	349.75	-7198.99	80.57	404.94	716.59	0.56	FAIL	
14925.00†	7048.76	-51.99	-7289.89	14862.00	6982.43	347.38	-7298.96	80.57	404.94	725.68	0.56	FAIL	
15025.00†	7048.11	-54.38	-7389.86	14962.00	6981.83	345.01	-7398.93	80.58	404.95	734.78	0.55	FAIL	
15125.00†	7047.47	-56.76	-7489.83	15062.00	6981.23	342.64	-7498.90	80.58	404.96	743.88	0.54	FAIL	
15225.00†	7046.82	-59.14	-7589.80	15162.00	6980.62	340.27	-7598.87	80.59	404.96	752.97	0.54	FAIL	
15325.00†	7046.18	-61.53	-7689.77	15262.00	6980.02	337.90	-7698.84	80.60	404.97	762.07	0.53	FAIL	
15425.00†	7045.54	-63.91	-7789.74	15362.00	6979.42	335.53	-7798.81	80.60	404.98	771.17	0.52	FAIL	
15525.00†	7044.89	-66.29	-7889.71	15462.00	6978.82	333.16	-7898.78	80.61	404.98	780.27	0.52	FAIL	
15625.00†	7044.25	-68.68	-7989.68	15562.00	6978.22	330.79	-7998.75	80.62	404.99	789.38	0.51	FAIL	
15725.00†	7043.60	-71.06	-8089.65	15662.00	6977.61	328.42	-8098.72	80.62	404.99	798.48	0.51	FAIL	
15825.00†	7042.96	-73.44	-8189.62	15762.00	6977.01	326.05	-8198.69	80.63	405.00	807.58	0.50	FAIL	
15925.00†	7042.31	-75.83	-8289.59	15862.00	6976.41	323.68	-8298.66	80.64	405.01	816.69	0.50	FAIL	
16025.00†	7041.67	-78.21	-8389.56	15962.00	6975.81	321.31	-8398.63	80.64	405.01	825.80	0.49	FAIL	
16125.00†	7041.03	-80.59	-8489.53	16062.00	6975.21	318.94	-8498.60	80.65	405.02	834.90	0.48	FAIL	
16225.00†	7040.38	-82.98	-8589.49	16162.00	6974.60	316.57	-8598.57	80.65	405.03	844.01	0.48	FAIL	
16325.00†	7039.74	-85.36	-8689.46	16262.00	6974.00	314.20	-8698.54	80.66	405.03	853.12	0.47	FAIL	
16425.00†	7039.09	-87.74	-8789.43	16362.00	6973.40	311.83	-8798.51	80.67	405.04	862.23	0.47	FAIL	
16525.00†	7038.45	-90.13	-8889.40	16462.00	6972.80	309.46	-8898.48	80.67	405.05	871.34	0.46	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 36 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **DONN 30N-20B-L PWB** Offset Wellpath: **DONN 30N-20B-L PWP (REV-B.0)**

Facility: SEC.21-T06N-R66W Slot: SLOT#14 DONN 30N-20B-L (758'FNL & 250'FEL, SEC.21) Well: DONN 30N-20B-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
16625.00†	7037.81	-92.51	-8989.37	16562.00	6972.19	307.09	-8998.45	80.68	405.05	880.45	0.46	FAIL	
16725.00†	7037.16	-94.89	-9089.34	16662.00	6971.59	304.72	-9098.42	80.68	405.06	889.57	0.45	FAIL	
16825.00†	7036.52	-97.28	-9189.31	16762.00	6970.99	302.35	-9198.39	80.69	405.07	898.68	0.45	FAIL	
16925.00†	7035.87	-99.66	-9289.28	16869.11	6970.35	299.51	-9305.46	80.69	404.84	907.93	0.45	FAIL	
17025.00†	7035.23	-102.04	-9389.25	16980.32	6969.68	292.52	-9416.45	80.60	400.89	916.46	0.44	FAIL	
17125.00†	7034.59	-104.43	-9489.22	17079.02	6969.08	285.64	-9514.90	80.49	396.36	925.34	0.43	FAIL	
17225.00†	7033.94	-106.81	-9589.19	17162.06	6968.58	281.90	-9597.85	80.46	394.27	934.44	0.42	FAIL	
17325.00†	7033.30	-109.19	-9689.16	17254.91	6968.03	281.13	-9690.69	80.50	395.74	943.18	0.42	FAIL	
17425.00†	7032.65	-111.58	-9789.13	17354.89	6967.43	280.63	-9790.67	80.55	397.60	952.41	0.42	FAIL	
17525.00†	7032.01	-113.96	-9889.10	17454.87	6966.84	280.14	-9890.65	80.60	399.46	961.65	0.41	FAIL	
17625.00†	7031.37	-116.34	-9989.07	17554.85	6966.24	279.65	-9990.63	80.65	401.32	970.89	0.41	FAIL	
17725.00†	7030.72	-118.73	-10089.04	17654.84	6965.65	279.16	-10090.61	80.70	403.17	980.13	0.41	FAIL	
17825.00†	7030.08	-121.11	-10189.01	17754.82	6965.05	278.67	-10190.59	80.75	405.03	989.37	0.41	FAIL	
17833.54†	7030.02	-121.31	-10197.54	17763.35	6965.00	278.63	-10199.12	80.76	405.19	990.16	0.41	FAIL	
17836.95	7030.00	-121.39	-10200.95	17763.35	6965.00	278.63	-10199.12	80.76	405.27	990.14	0.41	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **DONN 30N-20B-L PWB** Offset Wellpath: **DONN 30N-20B-L PWP (REV-B.0)**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **DONN 30N-20B-L PWB** Offset Wellpath: **DONN 30N-20B-L PWP (REV-B.0)**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	24.00	1736.35	24.43	0.17	53.08	47.63
9.625in Casing Surface	25.00	1750.00	1725.00	24.00	1736.35	24.43	0.17	53.08	47.63
8.5in Open Hole	1750.00	17763.35	16013.35	1736.35	6965.00	53.08	47.63	97.14	-3108.61

**SURVEY PROGRAM** - Offset Wellbore: **DONN 30N-20B-L PWB** Offset Wellpath: **DONN 30N-20B-L PWP (REV-B.0)**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 30N-20B-L PWB
1750.00	17763.35	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 30N-20B-L PWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **DONN 30N-20B-L PWB** Offset Wellpath: **DONN 30N-20B-L PWP (REV-B.0)**

MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 37 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31C-20-L PWB Offset Wellpath: DONN 31C-20-L PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#18 DONN 31C-20-L (838'FNL & 251'FEL, SEC.21) Well: DONN 31C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	25.00	25.00	-39.71	-0.56	-179.20	39.71	1.56	64.58	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	-39.71	-0.56	-179.20	39.71	1.88	42.29	PASS	
225.00†	225.00	0.00	0.00	225.00	225.00	-39.71	-0.56	-179.20	39.71	2.44	26.17	PASS	
300.00	300.00	0.00	0.00	300.00	300.00	-39.71	-0.56	-179.20	39.71	2.89	20.12	PASS	
325.00†	325.00	0.02	0.11	324.91	324.91	-39.74	-0.45	100.47	39.76	3.04	18.71	PASS	
425.00†	424.96	0.46	2.69	424.56	424.52	-40.41	2.06	100.51	40.88	3.68	14.72	PASS	
525.00†	524.77	1.48	8.71	524.17	523.94	-41.99	7.91	100.60	43.49	4.42	12.31	PASS	
625.00†	624.30	3.09	18.15	623.71	623.02	-44.46	17.08	100.71	47.58	5.21	10.98	PASS	
660.88	659.93	3.81	22.38	659.39	658.45	-45.56	21.18	100.75	49.41	5.50	10.67	PASS	
725.00†	723.54	5.16	30.32	723.41	721.96	-47.66	28.97	100.83	52.86	6.03	10.24	PASS	
825.00†	822.75	7.27	42.70	823.27	821.02	-50.93	41.11	100.94	58.25	6.90	9.65	PASS	
925.00†	921.95	9.38	55.09	923.12	920.08	-54.20	53.25	101.02	63.63	7.80	9.16	PASS	
1025.00†	1021.16	11.49	67.48	1022.98	1019.14	-57.47	65.40	101.10	69.02	8.73	8.76	PASS	
1125.00†	1120.37	13.60	79.86	1122.83	1118.20	-60.74	77.54	101.16	74.40	9.67	8.43	PASS	
1225.00†	1219.58	15.71	92.25	1222.69	1217.26	-64.01	89.68	101.21	79.79	10.62	8.16	PASS	
1325.00†	1318.78	17.82	104.63	1322.54	1316.32	-67.28	101.83	101.26	85.18	11.59	7.93	PASS	
1425.00†	1417.99	19.93	117.02	1422.40	1415.38	-70.55	113.97	101.30	90.56	12.55	7.74	PASS	
1525.00†	1517.20	22.04	129.40	1522.25	1514.44	-73.82	126.11	101.34	95.95	13.52	7.57	PASS	
1625.00†	1616.41	24.15	141.79	1622.11	1613.50	-77.08	138.28	101.37	101.33	14.49	7.42	PASS	
1725.00†	1715.61	26.25	154.17	1721.96	1712.56	-80.35	150.40	101.40	106.72	15.46	7.29	PASS	
1825.00†	1814.82	28.36	166.56	1821.82	1811.62	-83.62	162.54	101.43	112.10	15.72	7.42	PASS	
1925.00†	1914.03	30.47	178.95	1921.67	1910.68	-86.89	174.69	101.45	117.49	15.82	7.73	PASS	
2025.00†	2013.24	32.58	191.33	2021.53	2009.74	-90.16	186.83	101.47	122.88	15.99	8.00	PASS	
2125.00†	2112.44	34.69	203.72	2121.38	2108.80	-93.43	198.97	101.49	128.26	16.23	8.22	PASS	
2225.00†	2211.65	36.80	216.10	2221.23	2207.86	-96.70	211.12	101.51	133.65	16.55	8.39	PASS	
2325.00†	2310.86	38.91	228.49	2321.09	2306.92	-99.97	223.26	101.53	139.03	16.94	8.52	PASS	
2425.00†	2410.07	41.02	240.87	2420.94	2405.98	-103.24	235.40	101.54	144.42	17.39	8.62	PASS	
2525.00†	2509.28	43.13	253.26	2520.80	2505.04	-106.51	247.55	101.56	149.81	17.90	8.67	PASS	
2625.00†	2608.48	45.24	265.64	2620.65	2604.10	-109.78	259.69	101.57	155.19	18.46	8.70	PASS	
2725.00†	2707.69	47.35	278.03	2720.51	2703.16	-113.05	271.83	101.59	160.58	19.07	8.71	PASS	
2825.00†	2806.90	49.46	290.41	2820.36	2802.22	-116.32	283.98	101.60	165.96	19.72	8.69	PASS	
2925.00†	2906.11	51.56	302.80	2920.22	2901.28	-119.59	296.12	101.61	171.35	20.41	8.66	PASS	
3025.00†	3005.31	53.67	315.19	3020.07	3000.34	-122.86	308.26	101.62	176.74	21.14	8.61	PASS	
3125.00†	3104.52	55.78	327.57	3119.93	3099.40	-126.13	320.41	101.63	182.12	21.90	8.56	PASS	
3225.00†	3203.73	57.89	339.96	3219.78	3198.46	-129.40	332.55	101.64	187.51	22.69	8.50	PASS	
3325.00†	3302.94	60.00	352.34	3319.64	3297.52	-132.67	344.69	101.65	192.89	23.50	8.43	PASS	
3425.00†	3402.14	62.11	364.73	3419.49	3396.57	-135.93	356.84	101.66	198.28	24.34	8.36	PASS	
3525.00†	3501.35	64.22	377.11	3519.35	3495.63	-139.20	368.98	101.66	203.67	25.20	8.29	PASS	
3625.00†	3600.56	66.33	389.50	3619.20	3594.69	-142.47	381.12	101.67	209.05	26.07	8.21	PASS	
3725.00†	3699.77	68.44	401.88	3719.06	3693.75	-145.74	393.27	101.68	214.44	26.97	8.14	PASS	
3825.00†	3798.97	70.55	414.27	3818.91	3792.81	-149.01	405.41	101.69	219.82	27.87	8.07	PASS	
3925.00†	3898.18	72.66	426.65	3918.77	3891.87	-152.28	417.55	101.69	225.21	28.80	7.99	PASS	
4025.00†	3997.39	74.76	439.04	4018.62	3990.93	-155.55	429.70	101.70	230.60	29.73	7.92	PASS	
4125.00†	4096.60	76.87	451.43	4118.48	4089.99	-158.82	441.84	101.70	235.98	30.67	7.85	PASS	
4225.00†	4195.80	78.98	463.81	4218.33	4189.05	-162.09	453.98	101.71	241.37	31.63	7.78	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 38 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31C-20-L PWB Offset Wellpath: DONN 31C-20-L PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#18 DONN 31C-20-L (838'FNL & 251'FEL, SEC.21) Well: DONN 31C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4318.19	4288.11	-165.36	466.13	101.72	246.75	32.59	7.72	PASS	
4425.00†	4394.22	83.20	488.58	4418.04	4387.17	-168.63	478.27	101.72	252.14	33.56	7.65	PASS	
4525.00†	4493.43	85.31	500.97	4517.90	4486.23	-171.90	490.41	101.73	257.53	34.54	7.59	PASS	
4625.00†	4592.64	87.42	513.35	4617.75	4585.29	-175.17	502.55	101.73	262.91	35.53	7.53	PASS	
4725.00†	4691.84	89.53	525.74	4717.61	4684.35	-178.44	514.70	101.73	268.30	36.52	7.47	PASS	
4825.00†	4791.05	91.64	538.12	4817.46	4783.41	-181.71	526.84	101.74	273.68	37.52	7.42	PASS	
4925.00†	4890.26	93.75	550.51	4917.32	4882.47	-184.98	538.98	101.74	279.07	38.53	7.36	PASS	
5025.00†	4989.47	95.86	562.89	5017.17	4981.53	-188.25	551.13	101.75	284.46	39.53	7.31	PASS	
5125.00†	5088.67	97.97	575.28	5117.03	5080.59	-191.51	563.27	101.75	289.84	40.55	7.26	PASS	
5225.00†	5187.88	100.07	587.67	5216.88	5179.65	-194.78	575.41	101.75	295.23	41.57	7.21	PASS	
5325.00†	5287.09	102.18	600.05	5316.74	5278.71	-198.05	587.56	101.76	300.61	42.59	7.16	PASS	
5425.00†	5386.30	104.29	612.44	5416.59	5377.77	-201.32	599.70	101.76	306.00	43.62	7.12	PASS	
5525.00†	5485.50	106.40	624.82	5516.44	5476.83	-204.59	611.84	101.77	311.39	44.64	7.07	PASS	
5625.00†	5584.71	108.51	637.21	5616.30	5575.89	-207.86	623.99	101.77	316.77	45.68	7.03	PASS	
5725.00†	5683.92	110.62	649.59	5716.15	5674.95	-211.13	636.13	101.77	322.16	46.71	6.99	PASS	
5825.00†	5783.13	112.73	661.98	5816.01	5774.01	-214.40	648.27	101.77	327.54	47.75	6.95	PASS	
5925.00†	5882.33	114.84	674.36	5915.86	5873.07	-217.67	660.42	101.78	332.93	48.79	6.91	PASS	
6025.00†	5981.54	116.95	686.75	6015.72	5972.13	-220.94	672.56	101.78	338.32	49.84	6.87	PASS	
6125.00†	6080.75	119.06	699.13	6115.57	6071.19	-224.21	684.70	101.78	343.70	50.88	6.84	PASS	
6225.00†	6179.96	121.17	711.52	6215.43	6170.25	-227.48	696.85	101.79	349.09	51.93	6.80	PASS	
6325.00†	6279.17	123.27	723.91	6315.28	6269.31	-230.75	708.99	101.79	354.47	52.98	6.77	PASS	
6425.00†	6378.37	125.38	736.29	6415.14	6368.37	-234.02	721.13	101.79	359.86	54.03	6.74	PASS	
6428.02	6381.37	125.45	736.66	6418.16	6371.36	-234.12	721.50	101.79	360.02	54.06	6.73	PASS	
6525.00†	6478.12	127.33	741.32	6514.64	6467.08	-237.28	733.23	-120.76	364.86	55.20	6.68	PASS	
6625.00†	6577.44	128.90	730.68	6612.06	6564.17	-240.62	739.23	-95.09	369.85	56.82	6.58	PASS	
6725.00†	6673.88	130.05	704.65	6711.76	6663.27	-244.40	730.07	-94.61	375.46	58.49	6.49	PASS	
6825.00†	6765.06	130.75	663.85	6814.28	6762.38	-248.56	704.64	-95.70	381.51	59.92	6.43	PASS	
6925.00†	6848.75	130.99	609.29	6919.77	6858.74	-253.03	662.22	-97.14	387.78	61.27	6.39	PASS	
7025.00†	6922.87	130.76	542.32	7028.35	6949.19	-257.70	602.58	-98.60	393.99	63.04	6.31	PASS	
7125.00†	6985.61	130.07	464.59	7139.98	7030.24	-262.43	526.16	-99.97	399.80	65.53	6.16	PASS	
7225.00†	7035.42	128.94	378.00	7254.49	7098.19	-267.06	434.32	-101.17	404.88	68.84	5.93	PASS	
7325.00†	7071.07	127.38	284.70	7371.50	7149.51	-271.40	329.44	-102.12	408.88	73.04	5.64	PASS	
7425.00†	7091.69	125.45	186.97	7490.46	7181.15	-275.26	215.00	-102.81	411.52	78.01	5.31	PASS	
7511.52	7097.00	123.50	100.71	7594.41	7190.95	-278.07	111.67	-103.16	412.56	82.62	5.03	PASS	
7525.00†	7096.91	123.18	87.23	7609.81	7190.98	-278.44	96.28	-103.18	412.59	83.36	4.98	PASS	
7625.00†	7096.26	120.81	-12.74	7709.80	7190.51	-280.80	-3.69	-103.21	412.62	88.85	4.67	PASS	
7725.00†	7095.61	118.43	-112.71	7809.80	7190.05	-283.16	-103.66	-103.23	412.64	94.87	4.37	PASS	
7825.00†	7094.96	116.05	-212.68	7909.80	7189.58	-285.52	-203.64	-103.26	412.67	101.34	4.09	PASS	
7925.00†	7094.31	113.68	-312.65	8009.80	7189.12	-287.88	-303.61	-103.28	412.70	108.17	3.83	PASS	
8025.00†	7093.66	111.30	-412.62	8109.80	7188.65	-290.25	-403.58	-103.31	412.73	115.30	3.60	PASS	
8125.00†	7093.01	108.92	-512.59	8209.80	7188.19	-292.61	-503.55	-103.33	412.76	122.68	3.38	PASS	
8225.00†	7092.36	106.55	-612.56	8309.80	7187.72	-294.97	-603.52	-103.36	412.79	130.26	3.18	PASS	
8325.00†	7091.70	104.17	-712.53	8409.80	7187.25	-297.33	-703.49	-103.38	412.81	138.01	3.00	PASS	
8425.00†	7091.05	101.79	-812.50	8509.80	7186.79	-299.70	-803.46	-103.41	412.84	145.91	2.84	PASS	
8525.00†	7090.40	99.41	-912.47	8609.80	7186.32	-302.06	-903.43	-103.43	412.87	153.93	2.69	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 39 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31C-20-L PWB Offset Wellpath: DONN 31C-20-L PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#18 DONN 31C-20-L (838'FNL & 251'FEL, SEC.21) Well: DONN 31C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	8709.80	7185.86	-304.42	-1003.40	-103.46	412.90	162.04	2.55	PASS	
8725.00†	7089.10	94.66	-1112.41	8809.80	7185.39	-306.78	-1103.37	-103.49	412.93	170.25	2.43	PASS	
8825.00†	7088.45	92.28	-1212.38	8909.80	7184.93	-309.14	-1203.34	-103.51	412.96	178.52	2.32	PASS	
8861.52	7088.21	91.42	-1248.88	8946.32	7184.76	-310.01	-1239.85	-103.52	412.97	181.56	2.28	PASS	
8925.00†	7087.80	88.85	-1312.31	9009.79	7184.46	-311.51	-1303.30	-103.59	411.96	186.83	2.21	PASS	
9025.00†	7087.14	80.54	-1411.95	9109.60	7184.00	-313.86	-1403.08	-103.87	406.22	195.03	2.09	PASS	
9125.00†	7086.49	67.03	-1511.02	9208.96	7183.53	-316.21	-1502.42	-104.39	395.43	203.04	1.95	PASS	
9216.11	7085.90	50.22	-1600.55	9298.87	7183.11	-318.33	-1592.30	-105.09	381.25	210.07	1.82	PASS	
9225.00†	7085.84	48.37	-1609.25	9307.61	7183.07	-318.54	-1601.04	-105.16	379.67	210.74	1.80	PASS	
9316.11	7085.25	29.43	-1698.37	9397.15	7182.66	-320.66	-1690.55	-105.87	363.47	217.53	1.67	PASS	
9325.00†	7085.19	27.60	-1707.07	9405.89	7182.62	-320.86	-1699.29	-105.93	361.91	218.19	1.66	PASS	
9425.00†	7084.53	9.84	-1805.47	9504.68	7182.16	-323.20	-1798.05	-106.51	347.13	225.74	1.54	PASS	
9525.00†	7083.88	-2.75	-1904.66	9604.15	7181.69	-325.55	-1897.48	-106.93	337.37	233.58	1.45	PASS	
9625.00†	7083.23	-10.13	-2004.37	9704.01	7181.23	-327.90	-1997.32	-107.15	332.62	241.75	1.38	PASS	
9674.43	7082.91	-11.85	-2053.77	9753.44	7181.00	-329.07	-2046.73	-107.18	332.12	245.91	1.35	PASS	
9725.00†	7082.58	-12.95	-2104.32	9804.00	7180.76	-330.27	-2097.28	-107.19	332.23	250.22	1.33	PASS	
9825.00†	7081.93	-15.13	-2204.30	9904.00	7180.30	-332.63	-2197.25	-107.21	332.46	258.74	1.29	PASS	
9925.00†	7081.27	-17.31	-2304.27	10004.00	7179.83	-334.99	-2297.23	-107.23	332.69	267.28	1.25	PASS	
10025.00†	7080.62	-19.49	-2404.25	10104.00	7179.36	-337.35	-2397.20	-107.25	332.92	275.84	1.21	PASS	
10125.00†	7079.97	-21.68	-2504.22	10204.00	7178.90	-339.71	-2497.17	-107.27	333.14	284.41	1.17	PASS	
10225.00†	7079.32	-23.86	-2604.19	10304.00	7178.43	-342.08	-2597.14	-107.30	333.37	293.00	1.14	PASS	
10325.00†	7078.67	-26.04	-2704.17	10404.00	7177.97	-344.44	-2697.11	-107.32	333.60	301.60	1.11	PASS	
10425.00†	7078.02	-28.22	-2804.14	10504.00	7177.50	-346.80	-2797.08	-107.34	333.83	310.21	1.08	PASS	
10525.00†	7077.37	-30.40	-2904.12	10604.00	7177.04	-349.16	-2897.05	-107.36	334.05	318.83	1.05	PASS	
10625.00†	7076.72	-32.58	-3004.09	10704.00	7176.57	-351.53	-2997.02	-107.38	334.28	327.46	1.02	PASS	
10725.00†	7076.07	-34.76	-3104.07	10804.00	7176.10	-353.89	-3096.99	-107.40	334.51	336.10	1.00	FAIL	
10825.00†	7075.42	-36.95	-3204.04	10904.00	7175.64	-356.25	-3196.96	-107.42	334.74	344.74	0.97	FAIL	
10925.00†	7074.76	-39.13	-3304.01	11004.00	7175.17	-358.61	-3296.93	-107.44	334.97	353.39	0.95	FAIL	
11025.00†	7074.11	-41.31	-3403.99	11104.00	7174.71	-360.97	-3396.90	-107.46	335.19	362.05	0.93	FAIL	
11125.00†	7073.46	-43.49	-3503.96	11204.00	7174.24	-363.34	-3496.87	-107.48	335.42	370.71	0.90	FAIL	
11174.43	7073.14	-44.57	-3553.38	11253.43	7174.01	-364.50	-3546.29	-107.50	335.53	375.00	0.89	FAIL	
11225.00†	7072.81	-46.34	-3603.92	11303.99	7173.77	-365.70	-3596.84	-107.55	335.01	379.31	0.88	FAIL	
11249.77	7072.65	-47.70	-3628.64	11328.75	7173.66	-366.28	-3621.59	-107.61	334.29	381.37	0.88	FAIL	
11325.00†	7072.16	-52.30	-3703.73	11403.93	7173.31	-368.06	-3696.75	-107.78	331.63	387.57	0.86	FAIL	
11425.00†	7071.51	-58.42	-3803.54	11503.86	7172.84	-370.42	-3796.65	-108.02	328.11	395.78	0.83	FAIL	
11525.00†	7070.86	-64.55	-3903.36	11603.79	7172.38	-372.78	-3896.55	-108.25	324.59	403.96	0.80	FAIL	
11625.00†	7070.21	-70.67	-4003.17	11703.71	7171.91	-375.14	-3996.45	-108.49	321.08	412.10	0.78	FAIL	
11725.00†	7069.56	-76.79	-4102.98	11803.64	7171.45	-377.50	-4096.35	-108.74	317.57	420.21	0.76	FAIL	
11825.00†	7068.91	-82.91	-4202.79	11903.57	7170.98	-379.86	-4196.25	-108.99	314.07	428.29	0.73	FAIL	
11925.00†	7068.25	-89.04	-4302.60	12003.50	7170.52	-382.22	-4296.15	-109.25	310.58	436.32	0.71	FAIL	
12025.00†	7067.60	-95.16	-4402.41	12103.43	7170.05	-384.58	-4396.05	-109.52	307.09	444.30	0.69	FAIL	
12125.00†	7066.95	-101.28	-4502.22	12203.36	7169.59	-386.94	-4495.95	-109.79	303.60	452.25	0.67	FAIL	
12225.00†	7066.30	-107.40	-4602.03	12303.29	7169.12	-389.30	-4595.85	-110.06	300.13	460.14	0.65	FAIL	
12325.00†	7065.65	-113.52	-4701.84	12403.22	7168.66	-391.66	-4695.75	-110.34	296.66	467.98	0.63	FAIL	
12425.00†	7065.00	-119.65	-4801.65	12503.15	7168.19	-394.02	-4795.65	-110.63	293.20	475.77	0.62	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 40 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31C-20-L PWB Offset Wellpath: DONN 31C-20-L PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#18 DONN 31C-20-L (838'FNL & 251'FEL, SEC.21) Well: DONN 31C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	12603.08	7167.72	-396.38	-4895.55	-110.93	289.75	483.49	0.60	FAIL	
12625.00†	7063.70	-131.89	-5001.27	12703.00	7167.26	-398.74	-4995.45	-111.23	286.30	491.16	0.58	FAIL	
12725.00†	7063.05	-138.01	-5101.08	12802.93	7166.79	-401.10	-5095.35	-111.54	282.87	498.77	0.57	FAIL	
12825.00†	7062.40	-144.13	-5200.89	12902.86	7166.33	-403.47	-5195.25	-111.86	279.44	506.30	0.55	FAIL	
12925.00†	7061.74	-150.26	-5300.70	13002.79	7165.86	-405.83	-5295.15	-112.19	276.02	513.76	0.54	FAIL	
12949.77	7061.58	-151.77	-5325.42	13027.54	7165.75	-406.41	-5319.89	-112.27	275.17	515.60	0.53	FAIL	
13025.00†	7061.09	-154.90	-5400.58	13102.76	7165.40	-408.19	-5395.08	-112.38	273.98	521.56	0.52	FAIL	
13125.00†	7060.44	-154.47	-5500.57	13202.71	7164.93	-410.55	-5495.00	-112.20	276.64	530.74	0.52	FAIL	
13225.00†	7059.78	-148.80	-5600.39	13302.37	7164.47	-412.90	-5594.64	-111.69	284.15	541.27	0.52	FAIL	
13325.00†	7059.12	-137.92	-5699.79	13401.48	7164.01	-415.24	-5693.72	-110.90	296.55	552.88	0.54	FAIL	
13425.00†	7058.47	-121.86	-5798.47	13499.76	7163.55	-417.57	-5791.97	-109.89	313.89	565.17	0.55	FAIL	
13506.75	7057.93	-104.90	-5878.44	13579.31	7163.18	-419.44	-5871.50	-108.97	331.76	575.44	0.58	FAIL	
13525.00†	7057.81	-100.73	-5896.20	13596.97	7163.10	-419.86	-5889.15	-108.72	336.12	577.72	0.58	FAIL	
13606.75	7057.28	-82.06	-5975.79	13676.10	7162.73	-421.73	-5968.26	-107.69	355.74	587.66	0.60	FAIL	
13625.00†	7057.16	-77.98	-5993.58	13693.78	7162.64	-422.15	-5985.94	-107.44	360.05	589.82	0.61	FAIL	
13725.00†	7056.51	-58.64	-6091.68	13791.40	7162.19	-424.45	-6083.53	-106.33	380.66	601.07	0.63	FAIL	
13825.00†	7055.86	-44.46	-6190.65	13890.02	7161.73	-426.78	-6182.11	-105.57	396.80	611.58	0.65	FAIL	
13925.00†	7055.20	-35.48	-6290.24	13989.36	7161.27	-429.13	-6281.43	-105.10	407.78	621.52	0.66	FAIL	
14025.00†	7054.55	-31.73	-6390.15	14089.16	7160.80	-431.49	-6381.20	-104.88	413.73	630.96	0.66	FAIL	
14092.27	7054.12	-32.15	-6457.41	14156.41	7160.49	-433.08	-6448.43	-104.86	414.90	637.03	0.65	FAIL	
14125.00†	7053.91	-32.93	-6490.13	14189.15	7160.34	-433.85	-6481.16	-104.86	414.91	639.92	0.65	FAIL	
14225.00†	7053.26	-35.31	-6590.10	14289.15	7159.87	-436.21	-6581.13	-104.89	414.93	648.76	0.64	FAIL	
14325.00†	7052.62	-37.69	-6690.07	14389.15	7159.41	-438.57	-6681.10	-104.91	414.96	657.60	0.63	FAIL	
14425.00†	7051.98	-40.08	-6790.04	14489.15	7158.94	-440.94	-6781.07	-104.94	414.98	666.43	0.62	FAIL	
14525.00†	7051.33	-42.46	-6890.01	14589.15	7158.47	-443.30	-6881.04	-104.96	415.01	675.27	0.61	FAIL	
14625.00†	7050.69	-44.84	-6989.98	14689.15	7158.01	-445.66	-6981.01	-104.99	415.03	684.10	0.61	FAIL	
14725.00†	7050.04	-47.23	-7089.95	14789.15	7157.54	-448.02	-7080.98	-105.01	415.06	692.94	0.60	FAIL	
14825.00†	7049.40	-49.61	-7189.92	14889.15	7157.08	-450.38	-7180.95	-105.04	415.08	701.77	0.59	FAIL	
14925.00†	7048.76	-51.99	-7289.89	14989.15	7156.61	-452.75	-7280.92	-105.06	415.11	710.61	0.58	FAIL	
15025.00†	7048.11	-54.38	-7389.86	15089.15	7156.15	-455.11	-7380.90	-105.08	415.14	719.44	0.58	FAIL	
15125.00†	7047.47	-56.76	-7489.83	15189.15	7155.68	-457.47	-7480.87	-105.11	415.16	728.27	0.57	FAIL	
15225.00†	7046.82	-59.14	-7589.80	15289.15	7155.21	-459.83	-7580.84	-105.13	415.19	737.10	0.56	FAIL	
15325.00†	7046.18	-61.53	-7689.77	15389.15	7154.75	-462.19	-7680.81	-105.16	415.21	745.93	0.56	FAIL	
15425.00†	7045.54	-63.91	-7789.74	15489.15	7154.28	-464.56	-7780.78	-105.18	415.24	754.76	0.55	FAIL	
15525.00†	7044.89	-66.29	-7889.71	15589.15	7153.82	-466.92	-7880.75	-105.21	415.27	763.58	0.54	FAIL	
15625.00†	7044.25	-68.68	-7989.68	15689.14	7153.35	-469.28	-7980.72	-105.23	415.29	772.41	0.54	FAIL	
15725.00†	7043.60	-71.06	-8089.65	15789.14	7152.89	-471.64	-8080.69	-105.26	415.32	781.23	0.53	FAIL	
15825.00†	7042.96	-73.44	-8189.62	15889.14	7152.42	-474.01	-8180.66	-105.28	415.35	790.06	0.53	FAIL	
15925.00†	7042.31	-75.83	-8289.59	15989.14	7151.95	-476.37	-8280.63	-105.31	415.37	798.88	0.52	FAIL	
16025.00†	7041.67	-78.21	-8389.56	16089.14	7151.49	-478.73	-8380.60	-105.33	415.40	807.70	0.51	FAIL	
16125.00†	7041.03	-80.59	-8489.53	16189.14	7151.02	-481.09	-8480.57	-105.35	415.43	816.52	0.51	FAIL	
16225.00†	7040.38	-82.98	-8589.49	16289.14	7150.56	-483.45	-8580.55	-105.38	415.45	825.34	0.50	FAIL	
16325.00†	7039.74	-85.36	-8689.46	16389.14	7150.09	-485.82	-8680.52	-105.40	415.48	834.16	0.50	FAIL	
16425.00†	7039.09	-87.74	-8789.43	16489.14	7149.63	-488.18	-8780.49	-105.43	415.51	842.97	0.49	FAIL	
16525.00†	7038.45	-90.13	-8889.40	16589.14	7149.16	-490.54	-8880.46	-105.45	415.53	851.78	0.49	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 41 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **DONN 31C-20-L PWB** Offset Wellpath: **DONN 31C-20-L PWP (REV-A.0)**

Facility: SEC.21-T06N-R66W Slot: SLOT#18 DONN 31C-20-L (838'FNL & 251'FEL, SEC.21) Well: DONN 31C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
16625.00†	7037.81	-92.51	-8989.37	16689.14	7148.69	-492.90	-8980.43	-105.48	415.56	860.60	0.48	FAIL	
16725.00†	7037.16	-94.89	-9089.34	16789.14	7148.23	-495.26	-9080.40	-105.50	415.59	869.41	0.48	FAIL	
16825.00†	7036.52	-97.28	-9189.31	16889.14	7147.76	-497.63	-9180.37	-105.53	415.61	878.22	0.47	FAIL	
16925.00†	7035.87	-99.66	-9289.28	16989.14	7147.30	-499.99	-9280.34	-105.55	415.64	887.03	0.47	FAIL	
17025.00†	7035.23	-102.04	-9389.25	17089.14	7146.83	-502.35	-9380.31	-105.57	415.67	895.83	0.46	FAIL	
17125.00†	7034.59	-104.43	-9489.22	17189.14	7146.36	-504.71	-9480.28	-105.60	415.70	904.64	0.46	FAIL	
17225.00†	7033.94	-106.81	-9589.19	17289.14	7145.90	-507.08	-9580.25	-105.62	415.72	913.44	0.45	FAIL	
17325.00†	7033.30	-109.19	-9689.16	17389.14	7145.43	-509.44	-9680.22	-105.65	415.75	922.24	0.45	FAIL	
17425.00†	7032.65	-111.58	-9789.13	17489.14	7144.97	-511.80	-9780.20	-105.67	415.78	931.04	0.45	FAIL	
17525.00†	7032.01	-113.96	-9889.10	17589.14	7144.50	-514.16	-9880.17	-105.70	415.81	939.84	0.44	FAIL	
17625.00†	7031.37	-116.34	-9989.07	17689.14	7144.04	-516.52	-9980.14	-105.72	415.84	948.64	0.44	FAIL	
17725.00†	7030.72	-118.73	-10089.04	17789.14	7143.57	-518.89	-10080.11	-105.75	415.86	957.43	0.43	FAIL	
17825.00†	7030.08	-121.11	-10189.01	17889.14	7143.10	-521.25	-10180.08	-105.77	415.89	966.23	0.43	FAIL	
17836.95	7030.00	-121.39	-10200.95	17901.09	7143.05	-521.53	-10192.03	-105.77	415.89	967.28	0.43	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **DONN 31C-20-L PWB** Offset Wellpath: **DONN 31C-20-L PWP (REV-A.0)**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **DONN 31C-20-L PWB** Offset Wellpath: **DONN 31C-20-L PWP (REV-A.0)**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	25.00	1740.37	-24.21	-0.34	-36.88	46.71
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1740.37	-24.21	-0.34	-36.88	46.71
8.5in Open Hole	1750.00	17911.58	16161.58	1740.37	N/A	-36.88	46.71	N/A	N/A

**SURVEY PROGRAM** - Offset Wellbore: **DONN 31C-20-L PWB** Offset Wellpath: **DONN 31C-20-L PWP (REV-A.0)**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 31C-20-L PWB
1750.00	17911.58	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 31C-20-L PWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **DONN 31C-20-L PWB** Offset Wellpath: **DONN 31C-20-L PWP (REV-A.0)**

MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 42 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#19 DONN 31N-20C-L (858'FNL & 251'FEL, SEC.21) Well: DONN 31N-20C-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	25.00	25.00	-59.75	-0.56	-179.47	59.75	1.56	97.98	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	-59.75	-0.56	-179.47	59.75	1.88	64.09	PASS	
225.00†	225.00	0.00	0.00	224.78	224.78	-59.80	-0.46	-179.56	59.80	2.44	39.85	PASS	
300.00	300.00	0.00	0.00	299.07	299.05	-60.50	0.98	179.07	60.52	2.95	30.04	PASS	
325.00†	325.00	0.02	0.11	323.81	323.77	-60.92	1.85	98.02	60.98	3.12	27.83	PASS	
425.00†	424.96	0.46	2.69	422.68	422.45	-63.55	7.21	95.52	64.21	4.00	20.85	PASS	
525.00†	524.77	1.48	8.71	521.32	520.65	-67.65	15.62	93.68	69.60	4.87	17.57	PASS	
625.00†	624.30	3.09	18.15	620.12	618.64	-73.18	26.92	92.61	76.99	5.69	16.09	PASS	
660.88	659.93	3.81	22.38	655.89	654.08	-75.31	31.28	92.69	79.84	5.96	15.79	PASS	
725.00†	723.54	5.16	30.32	719.80	717.40	-79.12	39.06	93.19	84.95	6.45	15.30	PASS	
825.00†	822.75	7.27	42.70	819.48	816.16	-85.05	51.19	93.87	92.95	7.29	14.55	PASS	
925.00†	921.95	9.38	55.09	919.15	914.91	-90.98	63.33	94.43	100.95	8.16	13.89	PASS	
1025.00†	1021.16	11.49	67.48	1018.83	1013.67	-96.92	75.47	94.91	108.96	9.06	13.33	PASS	
1125.00†	1120.37	13.60	79.86	1118.50	1112.42	-102.85	87.60	95.33	116.98	9.98	12.86	PASS	
1225.00†	1219.58	15.71	92.25	1218.18	1211.18	-108.78	99.74	95.69	125.00	10.91	12.48	PASS	
1325.00†	1318.78	17.82	104.63	1317.85	1309.93	-114.72	111.87	96.01	133.03	11.87	12.11	PASS	
1425.00†	1417.99	19.93	117.02	1417.52	1408.69	-120.65	124.01	96.29	141.06	12.83	11.81	PASS	
1525.00†	1517.20	22.04	129.40	1517.20	1507.44	-126.58	136.14	96.54	149.09	13.79	11.55	PASS	
1625.00†	1616.41	24.15	141.79	1616.87	1606.20	-132.52	148.28	96.77	157.13	14.75	11.32	PASS	
1725.00†	1715.61	26.25	154.17	1716.55	1704.95	-138.45	160.42	96.97	165.17	15.73	11.12	PASS	
1825.00†	1814.82	28.36	166.56	1816.22	1803.71	-144.39	172.55	97.16	173.21	15.99	11.29	PASS	
1925.00†	1914.03	30.47	178.95	1915.90	1902.46	-150.32	184.69	97.33	181.25	16.11	11.73	PASS	
2025.00†	2013.24	32.58	191.33	2015.57	2001.22	-156.25	196.82	97.48	189.30	16.27	12.12	PASS	
2125.00†	2112.44	34.69	203.72	2115.25	2099.97	-162.19	208.96	97.62	197.34	16.52	12.44	PASS	
2225.00†	2211.65	36.80	216.10	2214.92	2198.73	-168.12	221.09	97.75	205.39	16.83	12.70	PASS	
2325.00†	2310.86	38.91	228.49	2314.60	2297.48	-174.05	233.23	97.88	213.43	17.21	12.89	PASS	
2425.00†	2410.07	41.02	240.87	2414.27	2396.24	-179.99	245.37	97.99	221.48	17.65	13.03	PASS	
2525.00†	2509.28	43.13	253.26	2513.95	2494.99	-185.92	257.50	98.09	229.53	18.15	13.12	PASS	
2625.00†	2608.48	45.24	265.64	2613.62	2593.75	-191.85	269.64	98.19	237.58	18.71	13.16	PASS	
2725.00†	2707.69	47.35	278.03	2713.30	2692.50	-197.79	281.77	98.28	245.63	19.31	13.17	PASS	
2825.00†	2806.90	49.46	290.41	2812.97	2791.26	-203.72	293.91	98.36	253.68	19.96	13.14	PASS	
2925.00†	2906.11	51.56	302.80	2912.65	2890.01	-209.65	306.04	98.44	261.73	20.64	13.10	PASS	
3025.00†	3005.31	53.67	315.19	3012.32	2988.77	-215.59	318.18	98.52	269.78	21.36	13.03	PASS	
3125.00†	3104.52	55.78	327.57	3111.99	3087.52	-221.52	330.31	98.59	277.84	22.12	12.95	PASS	
3225.00†	3203.73	57.89	339.96	3211.67	3186.28	-227.45	342.45	98.66	285.89	22.90	12.85	PASS	
3325.00†	3302.94	60.00	352.34	3311.34	3285.03	-233.39	354.59	98.72	293.94	23.70	12.75	PASS	
3425.00†	3402.14	62.11	364.73	3411.02	3383.79	-239.32	366.72	98.78	302.00	24.54	12.64	PASS	
3525.00†	3501.35	64.22	377.11	3510.69	3482.54	-245.25	378.86	98.84	310.05	25.39	12.53	PASS	
3625.00†	3600.56	66.33	389.50	3610.37	3581.30	-251.19	390.99	98.89	318.10	26.26	12.42	PASS	
3725.00†	3699.77	68.44	401.88	3710.04	3680.05	-257.12	403.13	98.94	326.16	27.15	12.31	PASS	
3825.00†	3798.97	70.55	414.27	3809.72	3778.81	-263.05	415.26	98.99	334.21	28.05	12.20	PASS	
3925.00†	3898.18	72.66	426.65	3909.39	3877.56	-268.99	427.40	99.04	342.27	28.97	12.09	PASS	
4025.00†	3997.39	74.76	439.04	4009.07	3976.32	-274.92	439.54	99.08	350.32	29.89	11.98	PASS	
4125.00†	4096.60	76.87	451.43	4108.74	4075.07	-280.85	451.67	99.12	358.38	30.83	11.87	PASS	
4225.00†	4195.80	78.98	463.81	4208.42	4173.83	-286.79	463.81	99.16	366.43	31.79	11.77	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 43 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#19 DONN 31N-20C-L (858'FNL & 251'FEL, SEC.21) Well: DONN 31N-20C-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4308.09	4272.58	-292.72	475.94	99.20	374.49	32.75	11.67	PASS	
4425.00†	4394.22	83.20	488.58	4407.77	4371.34	-298.66	488.08	99.24	382.54	33.71	11.57	PASS	
4525.00†	4493.43	85.31	500.97	4507.44	4470.09	-304.59	500.21	99.27	390.60	34.69	11.47	PASS	
4625.00†	4592.64	87.42	513.35	4607.12	4568.85	-310.52	512.35	99.31	398.65	35.68	11.38	PASS	
4725.00†	4691.84	89.53	525.74	4706.79	4667.60	-316.46	524.49	99.34	406.71	36.67	11.29	PASS	
4825.00†	4791.05	91.64	538.12	4806.47	4766.36	-322.39	536.62	99.37	414.77	37.66	11.20	PASS	
4925.00†	4890.26	93.75	550.51	4906.14	4865.11	-328.32	548.76	99.40	422.82	38.67	11.12	PASS	
5025.00†	4989.47	95.86	562.89	5005.81	4963.87	-334.26	560.89	99.43	430.88	39.67	11.04	PASS	
5125.00†	5088.67	97.97	575.28	5105.49	5062.62	-340.19	573.03	99.46	438.93	40.68	10.96	PASS	
5225.00†	5187.88	100.07	587.67	5205.16	5161.38	-346.12	585.16	99.49	446.99	41.70	10.89	PASS	
5325.00†	5287.09	102.18	600.05	5304.84	5260.13	-352.06	597.30	99.51	455.05	42.72	10.81	PASS	
5425.00†	5386.30	104.29	612.44	5404.51	5358.89	-357.99	609.44	99.54	463.10	43.75	10.74	PASS	
5525.00†	5485.50	106.40	624.82	5504.19	5457.65	-363.92	621.57	99.56	471.16	44.78	10.68	PASS	
5625.00†	5584.71	108.51	637.21	5603.86	5556.40	-369.86	633.71	99.59	479.22	45.81	10.61	PASS	
5725.00†	5683.92	110.62	649.59	5703.54	5655.16	-375.79	645.84	99.61	487.27	46.84	10.55	PASS	
5825.00†	5783.13	112.73	661.98	5803.21	5753.91	-381.72	657.98	99.63	495.33	47.88	10.49	PASS	
5925.00†	5882.33	114.84	674.36	5902.89	5852.67	-387.66	670.11	99.65	503.39	48.92	10.43	PASS	
6025.00†	5981.54	116.95	686.75	6002.56	5951.42	-393.59	682.25	99.67	511.45	49.96	10.37	PASS	
6125.00†	6080.75	119.06	699.13	6102.24	6050.18	-399.52	694.38	99.69	519.50	51.01	10.31	PASS	
6225.00†	6179.96	121.17	711.52	6201.91	6148.93	-405.46	706.52	99.71	527.56	52.05	10.26	PASS	
6325.00†	6279.17	123.27	723.91	6301.59	6247.69	-411.39	718.66	99.73	535.62	53.10	10.21	PASS	
6425.00†	6378.37	125.38	736.29	6401.26	6346.44	-417.32	730.79	99.75	543.67	54.15	10.16	PASS	
6428.02	6381.37	125.45	736.66	6404.27	6349.42	-417.50	731.16	99.75	543.92	54.19	10.16	PASS	
6525.00†	6478.12	127.33	741.32	6499.19	6443.75	-423.25	739.53	-121.79	551.65	55.35	10.08	PASS	
6625.00†	6577.44	128.90	730.68	6596.82	6540.93	-429.50	734.18	-93.83	559.60	57.02	9.92	PASS	
6725.00†	6673.88	130.05	704.65	6695.24	6636.90	-436.04	713.81	-91.11	567.37	58.85	9.75	PASS	
6825.00†	6765.06	130.75	663.85	6794.52	6729.34	-442.71	678.50	-90.08	574.76	59.97	9.69	PASS	
6925.00†	6848.75	130.99	609.29	6894.73	6815.93	-449.37	628.70	-89.55	581.61	61.39	9.57	PASS	
7025.00†	6922.87	130.76	542.32	6995.89	6894.32	-455.83	565.26	-89.26	587.73	63.42	9.36	PASS	
7125.00†	6985.61	130.07	464.59	7098.01	6962.26	-461.93	489.42	-89.13	592.98	66.11	9.06	PASS	
7225.00†	7035.42	128.94	378.00	7201.05	7017.66	-467.50	402.85	-89.12	597.22	69.68	8.65	PASS	
7325.00†	7071.07	127.38	284.70	7304.94	7058.66	-472.37	307.64	-89.19	600.32	74.17	8.16	PASS	
7425.00†	7091.69	125.45	186.97	7409.56	7083.78	-476.38	206.28	-89.33	602.19	79.04	7.68	PASS	
7511.52	7097.00	123.50	100.71	7500.56	7091.91	-479.07	115.76	-89.52	602.78	83.64	7.26	PASS	
7525.00†	7096.91	123.18	87.23	7514.78	7092.01	-479.41	101.55	-89.53	602.79	84.37	7.20	PASS	
7625.00†	7096.26	120.81	-12.74	7614.84	7091.41	-481.78	1.52	-89.54	602.77	90.04	6.74	PASS	
7725.00†	7095.61	118.43	-112.71	7714.84	7090.82	-484.14	-98.45	-89.55	602.76	96.25	6.30	PASS	
7825.00†	7094.96	116.05	-212.68	7814.84	7090.23	-486.50	-198.42	-89.55	602.74	102.92	5.89	PASS	
7925.00†	7094.31	113.68	-312.65	7914.84	7089.64	-488.86	-298.39	-89.56	602.72	109.97	5.51	PASS	
8025.00†	7093.66	111.30	-412.62	8014.84	7089.05	-491.22	-398.36	-89.56	602.71	117.32	5.16	PASS	
8125.00†	7093.01	108.92	-512.59	8114.84	7088.46	-493.58	-498.33	-89.57	602.69	124.93	4.85	PASS	
8225.00†	7092.36	106.55	-612.56	8214.84	7087.86	-495.94	-598.30	-89.57	602.67	132.74	4.56	PASS	
8325.00†	7091.70	104.17	-712.53	8314.84	7087.27	-498.31	-698.28	-89.58	602.66	140.73	4.30	PASS	
8425.00†	7091.05	101.79	-812.50	8414.84	7086.68	-500.67	-798.25	-89.58	602.64	148.86	4.06	PASS	
8525.00†	7090.40	99.41	-912.47	8514.84	7086.09	-503.03	-898.22	-89.59	602.63	157.11	3.85	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 44 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#19 DONN 31N-20C-L (858'FNL & 251'FEL, SEC.21) Well: DONN 31N-20C-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	8614.84	7085.50	-505.39	-998.19	-89.60	602.61	165.47	3.65	PASS	
8725.00†	7089.10	94.66	-1112.41	8714.84	7084.91	-507.75	-1098.16	-89.60	602.59	173.92	3.47	PASS	
8825.00†	7088.45	92.28	-1212.38	8814.84	7084.31	-510.11	-1198.13	-89.61	602.58	182.44	3.31	PASS	
8861.52	7088.21	91.42	-1248.88	8851.36	7084.10	-510.97	-1234.63	-89.61	602.57	185.57	3.26	PASS	
8925.00†	7087.80	88.85	-1312.31	8914.83	7083.72	-512.47	-1298.09	-89.62	601.51	191.02	3.16	PASS	
9025.00†	7087.14	80.54	-1411.95	9014.64	7083.13	-514.83	-1397.87	-89.65	595.55	199.61	2.99	PASS	
9125.00†	7086.49	67.03	-1511.02	9114.00	7082.54	-517.17	-1497.20	-89.66	584.38	208.17	2.81	PASS	
9216.11	7085.90	50.22	-1600.55	9203.91	7082.01	-519.30	-1587.08	-89.67	569.69	215.89	2.64	PASS	
9225.00†	7085.84	48.37	-1609.25	9212.65	7081.96	-519.50	-1595.82	-89.67	568.05	216.63	2.63	PASS	
9316.11	7085.25	29.43	-1698.37	9302.19	7081.43	-521.62	-1685.33	-89.67	551.22	224.30	2.46	PASS	
9325.00†	7085.19	27.60	-1707.07	9310.93	7081.38	-521.82	-1694.07	-89.67	549.59	225.05	2.45	PASS	
9425.00†	7084.53	9.84	-1805.47	9409.72	7080.79	-524.16	-1792.83	-89.64	534.16	233.59	2.29	PASS	
9525.00†	7083.88	-2.75	-1904.66	9509.18	7080.21	-526.51	-1892.26	-89.63	523.92	242.32	2.17	PASS	
9625.00†	7083.23	-10.13	-2004.37	9609.05	7079.62	-528.86	-1992.10	-89.61	518.89	251.16	2.07	PASS	
9674.43	7082.91	-11.85	-2053.77	9658.47	7079.32	-530.03	-2041.51	-89.60	518.34	255.56	2.03	PASS	
9725.00†	7082.58	-12.95	-2104.32	9709.04	7079.02	-531.22	-2092.06	-89.61	518.43	260.07	2.00	PASS	
9825.00†	7081.93	-15.13	-2204.30	9809.04	7078.43	-533.59	-2192.03	-89.61	518.61	268.99	1.93	PASS	
9925.00†	7081.27	-17.31	-2304.27	9909.04	7077.84	-535.95	-2292.00	-89.62	518.79	277.93	1.87	PASS	
10025.00†	7080.62	-19.49	-2404.25	10009.04	7077.25	-538.31	-2391.97	-89.63	518.97	286.90	1.81	PASS	
10125.00†	7079.97	-21.68	-2504.22	10109.04	7076.66	-540.67	-2491.94	-89.63	519.15	295.87	1.76	PASS	
10225.00†	7079.32	-23.86	-2604.19	10209.04	7076.07	-543.03	-2591.91	-89.64	519.33	304.87	1.71	PASS	
10325.00†	7078.67	-26.04	-2704.17	10309.04	7075.47	-545.39	-2691.88	-89.65	519.51	313.88	1.66	PASS	
10425.00†	7078.02	-28.22	-2804.14	10409.04	7074.88	-547.75	-2791.85	-89.65	519.69	322.90	1.61	PASS	
10525.00†	7077.37	-30.40	-2904.12	10509.04	7074.29	-550.11	-2891.82	-89.66	519.87	331.93	1.57	PASS	
10625.00†	7076.72	-32.58	-3004.09	10643.70	7073.49	-549.02	-3026.45	-89.67	516.93	341.59	1.51	PASS	
10725.00†	7076.07	-34.76	-3104.07	10779.65	7072.68	-538.31	-3161.95	-89.67	506.87	349.67	1.45	PASS	
10825.00†	7075.42	-36.95	-3204.04	10912.49	7071.90	-518.56	-3293.28	-89.66	489.82	356.01	1.38	PASS	
10925.00†	7074.76	-39.13	-3304.01	11010.39	7071.32	-500.71	-3389.54	-89.65	469.46	364.94	1.29	PASS	
11025.00†	7074.11	-41.31	-3403.99	11108.30	7070.74	-482.87	-3485.81	-89.64	449.09	373.88	1.20	PASS	
11125.00†	7073.46	-43.49	-3503.96	11188.70	7070.26	-469.78	-3565.13	-89.63	430.67	384.85	1.12	PASS	
11174.43	7073.14	-44.57	-3553.38	11228.63	7070.02	-464.52	-3604.71	-89.63	423.09	390.12	1.08	PASS	
11225.00†	7072.81	-46.34	-3603.92	11269.65	7069.78	-459.98	-3645.48	-89.63	415.73	395.36	1.05	PASS	
11249.77	7072.65	-47.70	-3628.64	11289.78	7069.66	-458.07	-3665.51	-89.64	412.04	397.87	1.04	PASS	
11325.00†	7072.16	-52.30	-3703.73	11351.24	7069.29	-453.56	-3726.80	-89.63	401.92	405.24	0.99	FAIL	
11425.00†	7071.51	-58.42	-3803.54	11433.64	7068.81	-450.60	-3809.14	-89.63	392.22	414.49	0.95	FAIL	
11525.00†	7070.86	-64.55	-3903.36	11527.84	7068.25	-450.40	-3903.34	-89.64	385.86	423.47	0.91	FAIL	
11625.00†	7070.21	-70.67	-4003.17	11627.65	7067.66	-450.40	-4003.15	-89.64	379.74	432.55	0.88	FAIL	
11725.00†	7069.56	-76.79	-4102.98	11727.46	7067.07	-450.40	-4102.96	-89.64	373.62	441.64	0.85	FAIL	
11825.00†	7068.91	-82.91	-4202.79	11827.28	7066.48	-450.40	-4202.77	-89.64	367.50	450.73	0.82	FAIL	
11925.00†	7068.25	-89.04	-4302.60	11927.09	7065.89	-450.40	-4302.58	-89.65	361.37	459.83	0.79	FAIL	
12025.00†	7067.60	-95.16	-4402.41	12026.90	7065.30	-450.40	-4402.39	-89.65	355.25	468.93	0.76	FAIL	
12125.00†	7066.95	-101.28	-4502.22	12126.71	7064.71	-450.40	-4502.20	-89.65	349.13	478.03	0.73	FAIL	
12225.00†	7066.30	-107.40	-4602.03	12226.53	7064.11	-450.40	-4602.01	-89.66	343.01	487.14	0.70	FAIL	
12325.00†	7065.65	-113.52	-4701.84	12326.34	7063.52	-450.40	-4701.83	-89.66	336.89	496.25	0.68	FAIL	
12425.00†	7065.00	-119.65	-4801.65	12426.15	7062.93	-450.40	-4801.64	-89.66	330.76	505.37	0.65	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 45 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#19 DONN 31N-20C-L (858'FNL & 251'FEL, SEC.21) Well: DONN 31N-20C-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	12525.96	7062.34	-450.40	-4901.45	-89.67	324.64	514.48	0.63	FAIL	
12625.00†	7063.70	-131.89	-5001.27	12625.78	7061.75	-450.40	-5001.26	-89.67	318.52	523.60	0.61	FAIL	
12725.00†	7063.05	-138.01	-5101.08	12725.59	7061.16	-450.40	-5101.07	-89.68	312.40	532.73	0.59	FAIL	
12825.00†	7062.40	-144.13	-5200.89	12825.40	7060.57	-450.40	-5200.88	-89.68	306.27	541.86	0.56	FAIL	
12925.00†	7061.74	-150.26	-5300.70	12925.21	7059.98	-450.40	-5300.69	-89.69	300.15	550.99	0.54	FAIL	
12949.77	7061.58	-151.77	-5325.42	12949.93	7059.83	-450.40	-5325.41	-89.69	298.63	553.25	0.54	FAIL	
13025.00†	7061.09	-154.90	-5400.58	13025.10	7059.39	-450.40	-5400.57	-89.68	295.51	560.13	0.53	FAIL	
13125.00†	7060.44	-154.47	-5500.57	13125.08	7058.80	-450.40	-5500.56	-89.67	295.94	569.33	0.52	FAIL	
13158.10†	7060.22	-153.17	-5533.64	13158.16	7058.60	-450.40	-5533.63	-89.67	297.23	572.39	0.52	FAIL	
13225.00†	7059.78	-148.80	-5600.39	13224.91	7058.21	-450.40	-5600.38	-89.67	301.60	578.55	0.52	FAIL	
13325.00†	7059.12	-137.92	-5699.79	13324.31	7057.62	-450.40	-5699.78	-89.67	312.48	587.73	0.53	FAIL	
13425.00†	7058.47	-121.86	-5798.47	13423.00	7057.04	-450.40	-5798.46	-89.68	328.55	596.85	0.55	FAIL	
13506.75	7057.93	-104.90	-5878.44	13502.96	7056.56	-450.40	-5878.43	-89.68	345.51	604.23	0.57	FAIL	
13525.00†	7057.81	-100.73	-5896.20	13520.73	7056.46	-450.40	-5896.20	-89.68	349.67	605.87	0.58	FAIL	
13606.75	7057.28	-82.06	-5975.79	13600.32	7055.99	-450.40	-5975.79	-89.71	368.34	613.20	0.60	FAIL	
13625.00†	7057.16	-77.98	-5993.58	13618.11	7055.88	-450.40	-5993.57	-89.71	372.42	614.84	0.61	FAIL	
13725.00†	7056.51	-58.64	-6091.68	13716.21	7055.30	-450.40	-6091.67	-89.76	391.76	623.89	0.63	FAIL	
13825.00†	7055.86	-44.46	-6190.65	13815.19	7054.72	-450.40	-6190.65	-89.79	405.94	633.04	0.64	FAIL	
13925.00†	7055.20	-35.48	-6290.24	13914.77	7054.13	-450.40	-6290.23	-89.83	414.92	642.25	0.65	FAIL	
14025.00†	7054.55	-31.73	-6390.15	14005.02	7053.59	-450.91	-6380.48	-89.86	419.30	651.01	0.64	FAIL	
14092.27	7054.12	-32.15	-6457.41	14067.29	7053.22	-452.95	-6442.71	-89.87	421.06	656.82	0.64	FAIL	
14125.00†	7053.91	-32.93	-6490.13	14100.02	7053.03	-454.09	-6475.42	-89.88	421.42	659.82	0.64	FAIL	
14225.00†	7053.26	-35.31	-6590.10	14200.02	7052.44	-457.58	-6575.35	-89.88	422.53	669.00	0.63	FAIL	
14325.00†	7052.62	-37.69	-6690.07	14300.01	7051.85	-461.07	-6675.28	-89.89	423.64	678.17	0.62	FAIL	
14425.00†	7051.98	-40.08	-6790.04	14400.01	7051.26	-464.56	-6775.22	-89.90	424.74	687.34	0.62	FAIL	
14525.00†	7051.33	-42.46	-6890.01	14500.00	7050.66	-468.05	-6875.15	-89.91	425.85	696.52	0.61	FAIL	
14625.00†	7050.69	-44.84	-6989.98	14599.99	7050.07	-471.54	-6975.08	-89.91	426.96	705.70	0.60	FAIL	
14725.00†	7050.04	-47.23	-7089.95	14699.99	7049.48	-475.03	-7075.01	-89.92	428.06	714.88	0.60	FAIL	
14825.00†	7049.40	-49.61	-7189.92	14799.98	7048.89	-478.52	-7174.94	-89.93	429.17	724.06	0.59	FAIL	
14925.00†	7048.76	-51.99	-7289.89	14899.98	7048.30	-482.01	-7274.87	-89.94	430.28	733.24	0.59	FAIL	
15025.00†	7048.11	-54.38	-7389.86	14999.97	7047.71	-485.50	-7374.80	-89.94	431.39	742.42	0.58	FAIL	
15125.00†	7047.47	-56.76	-7489.83	15099.96	7047.11	-488.99	-7474.73	-89.95	432.49	751.61	0.58	FAIL	
15225.00†	7046.82	-59.14	-7589.80	15199.96	7046.52	-492.48	-7574.67	-89.96	433.60	760.79	0.57	FAIL	
15325.00†	7046.18	-61.53	-7689.77	15299.95	7045.93	-495.97	-7674.60	-89.96	434.71	769.98	0.56	FAIL	
15425.00†	7045.54	-63.91	-7789.74	15399.94	7045.34	-499.46	-7774.53	-89.97	435.81	779.16	0.56	FAIL	
15525.00†	7044.89	-66.29	-7889.71	15499.94	7044.75	-502.95	-7874.46	-89.98	436.92	788.35	0.55	FAIL	
15625.00†	7044.25	-68.68	-7989.68	15599.93	7044.16	-506.44	-7974.39	-89.98	438.03	797.54	0.55	FAIL	
15725.00†	7043.60	-71.06	-8089.65	15699.93	7043.56	-509.93	-8074.32	-89.99	439.13	806.73	0.54	FAIL	
15825.00†	7042.96	-73.44	-8189.62	15799.92	7042.97	-513.42	-8174.25	-90.00	440.24	815.92	0.54	FAIL	
15925.00†	7042.31	-75.83	-8289.59	15899.91	7042.38	-516.91	-8274.18	-90.00	441.35	825.11	0.53	FAIL	
16025.00†	7041.67	-78.21	-8389.56	15999.91	7041.79	-520.40	-8374.12	-90.01	442.46	834.30	0.53	FAIL	
16125.00†	7041.03	-80.59	-8489.53	16086.26	7041.28	-524.31	-8460.38	-90.02	444.67	841.95	0.53	FAIL	
16225.00†	7040.38	-82.98	-8589.49	16167.12	7040.80	-531.31	-8540.92	-90.02	450.96	847.68	0.53	FAIL	
16325.00†	7039.74	-85.36	-8689.46	16263.63	7040.24	-542.32	-8636.80	-90.03	459.98	856.08	0.54	FAIL	
16425.00†	7039.09	-87.74	-8789.43	16363.22	7039.65	-553.72	-8735.73	-90.04	469.06	865.16	0.54	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft



**Clearance Report**  
**DONN 4N-20C-L PWP (REV-B.0)**  
**Closest Approach**  
Page 46 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-B.0)**

Facility: SEC.21-T06N-R66W Slot: SLOT#19 DONN 31N-20C-L (858'FNL & 251'FEL, SEC.21) Well: DONN 31N-20C-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
16525.00†	7038.45	-90.13	-8889.40	16462.81	7039.07	-565.12	-8834.66	-90.04	478.14	874.25	0.55	FAIL	
16625.00†	7037.81	-92.51	-8989.37	16562.39	7038.49	-576.53	-8933.59	-90.05	487.22	883.34	0.55	FAIL	
16725.00†	7037.16	-94.89	-9089.34	16661.98	7037.90	-587.93	-9032.52	-90.05	496.30	892.44	0.56	FAIL	
16825.00†	7036.52	-97.28	-9189.31	16761.57	7037.32	-599.33	-9131.45	-90.06	505.38	901.53	0.56	FAIL	
16925.00†	7035.87	-99.66	-9289.28	16861.15	7036.74	-610.73	-9230.38	-90.06	514.46	910.62	0.56	FAIL	
17025.00†	7035.23	-102.04	-9389.25	16960.74	7036.15	-622.14	-9329.31	-90.07	523.54	919.71	0.57	FAIL	
17125.00†	7034.59	-104.43	-9489.22	17060.33	7035.57	-633.54	-9428.24	-90.07	532.61	928.81	0.57	FAIL	
17225.00†	7033.94	-106.81	-9589.19	17159.91	7034.99	-644.94	-9527.17	-90.08	541.69	937.90	0.58	FAIL	
17325.00†	7033.30	-109.19	-9689.16	17259.50	7034.40	-656.34	-9626.10	-90.08	550.77	947.00	0.58	FAIL	
17425.00†	7032.65	-111.58	-9789.13	17359.09	7033.82	-667.74	-9725.04	-90.09	559.85	956.09	0.59	FAIL	
17525.00†	7032.01	-113.96	-9889.10	17458.68	7033.24	-679.15	-9823.97	-90.09	568.93	965.19	0.59	FAIL	
17625.00†	7031.37	-116.34	-9989.07	17558.26	7032.65	-690.55	-9922.90	-90.10	578.01	974.29	0.59	FAIL	
17725.00†	7030.72	-118.73	-10089.04	17657.85	7032.07	-701.95	-10021.83	-90.10	587.09	983.39	0.60	FAIL	
17825.00†	7030.08	-121.11	-10189.01	17757.44	7031.49	-713.35	-10120.76	-90.10	596.16	992.49	0.60	FAIL	
17836.95	7030.00	-121.39	-10200.95	17769.34	7031.42	-714.72	-10132.58	-90.10	597.25	993.57	0.60	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-B.0)**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-B.0)**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	25.00	1738.09	-36.42	-0.34	-61.02	49.97
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1738.09	-36.42	-0.34	-61.02	49.97
8.5in Open Hole	1750.00	17840.66	16090.66	1738.09	N/A	-61.02	49.97	N/A	N/A

**SURVEY PROGRAM - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-B.0)**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1775.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 31N-20C-L PWB
1775.00	17840.66	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 31N-20C-L PWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-B.0)**

MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 47 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798°FNL & 251°FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 1 #21-2 AWB Offset Wellpath: LEFFLER 1 #21-2 AWP

Facility: SEC.21-T06N-R66W				Slot: SLOT#04 EX:LEFFLER 1 #21-2 (660°FNL & 1880°FEL SEC.21,PR,7340°MD)				Well: LEFFLER 1 #21-2		Threshold Value=1.00		† = interpolated/extrapolated station	
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	4.48	24.48	106.44	-1648.03	-86.31	1651.46	50.13	33.55	PASS	
125.00†	125.00	0.00	0.00	93.98	113.98	107.03	-1648.30	-86.29	1651.81	50.13	33.55	PASS	
225.00†	225.00	0.00	0.00	190.91	210.89	108.64	-1648.95	-86.23	1652.59	50.14	33.56	PASS	
300.00	300.00	0.00	0.00	267.33	287.30	110.13	-1649.48	-86.18	1653.20	50.15	33.56	PASS	
325.00†	325.00	0.02	0.11	292.97	312.93	110.58	-1649.65	-166.50	1653.50	50.16	33.56	PASS	
425.00†	424.96	0.46	2.69	396.45	416.40	112.19	-1650.19	-166.45	1656.67	50.20	33.60	PASS	
525.00†	524.77	1.48	8.71	499.71	519.65	113.60	-1650.52	-166.43	1663.01	50.12	33.67	PASS	
625.00†	624.30	3.09	18.15	603.73	623.65	115.02	-1650.60	-166.41	1672.50	50.22	33.79	PASS	
660.88	659.93	3.81	22.38	639.77	659.69	115.51	-1650.58	-166.41	1676.68	50.25	33.86	PASS	
725.00†	723.54	5.16	30.32	704.12	724.04	116.24	-1650.52	-166.45	1684.51	50.28	33.99	PASS	
825.00†	822.75	7.27	42.70	803.99	823.90	117.30	-1650.40	-166.52	1696.68	50.33	34.20	PASS	
925.00†	921.95	9.38	55.09	900.24	920.15	118.27	-1650.35	-166.58	1708.92	50.40	34.41	PASS	
1025.00†	1021.16	11.49	67.48	998.15	1018.05	119.20	-1650.44	-166.64	1721.29	50.46	34.61	PASS	
1125.00†	1120.37	13.60	79.86	1100.24	1120.14	120.22	-1650.47	-166.71	1733.62	50.54	34.80	PASS	
1225.00†	1219.58	15.71	92.25	1195.06	1214.96	121.19	-1650.55	-166.77	1745.99	50.63	34.99	PASS	
1325.00†	1318.78	17.82	104.63	1293.99	1313.88	122.04	-1650.77	-166.83	1758.50	50.72	35.18	PASS	
1425.00†	1417.99	19.93	117.02	1393.53	1413.42	122.54	-1651.01	-166.91	1771.01	50.82	35.36	PASS	
1525.00†	1517.20	22.04	129.40	1494.11	1513.99	122.97	-1651.21	-166.99	1783.47	50.92	35.53	PASS	
1625.00†	1616.41	24.15	141.79	1596.53	1616.42	123.35	-1651.28	-167.07	1795.81	51.04	35.69	PASS	
1725.00†	1715.61	26.25	154.17	1694.70	1714.58	123.65	-1651.29	-167.15	1808.09	51.16	35.85	PASS	
1825.00†	1814.82	28.36	166.56	1794.67	1814.56	123.98	-1651.31	-167.23	1820.38	51.04	36.04	PASS	
1925.00†	1914.03	30.47	178.95	1887.86	1907.74	124.06	-1651.46	-167.31	1832.81	51.10	36.24	PASS	
2025.00†	2013.24	32.58	191.33	1983.03	2002.91	123.96	-1651.91	-167.39	1845.53	51.18	36.44	PASS	
2125.00†	2112.44	34.69	203.72	2082.45	2102.33	123.74	-1652.48	-167.48	1858.36	51.27	36.63	PASS	
2225.00†	2211.65	36.80	216.10	2179.53	2199.41	123.48	-1653.06	-167.58	1871.22	51.37	36.80	PASS	
2325.00†	2310.86	38.91	228.49	2275.68	2295.56	123.32	-1653.78	-167.66	1884.22	51.48	36.98	PASS	
2425.00†	2410.07	41.02	240.87	2374.09	2393.96	123.14	-1654.62	-167.75	1897.34	51.62	37.14	PASS	
2525.00†	2509.28	43.13	253.26	2472.49	2492.36	122.98	-1655.47	-167.83	1910.48	51.76	37.29	PASS	
2625.00†	2608.48	45.24	265.64	2566.94	2586.80	122.81	-1656.41	-167.92	1923.74	51.92	37.44	PASS	
2725.00†	2707.69	47.35	278.03	2661.17	2681.03	122.74	-1657.60	-167.99	1937.28	52.08	37.58	PASS	
2825.00†	2806.90	49.46	290.41	2757.68	2777.53	122.52	-1659.02	-168.08	1951.02	52.26	37.71	PASS	
2925.00†	2906.11	51.56	302.80	2857.12	2876.95	122.11	-1660.54	-168.17	1964.82	52.46	37.83	PASS	
3025.00†	3005.31	53.67	315.19	2954.69	2974.51	121.46	-1662.01	-168.26	1978.60	52.67	37.94	PASS	
3125.00†	3104.52	55.78	327.57	3054.07	3073.88	120.81	-1663.62	-168.35	1992.49	52.90	38.05	PASS	
3225.00†	3203.73	57.89	339.96	3169.71	3189.50	120.20	-1665.08	-168.46	2006.05	53.15	38.12	PASS	
3325.00†	3302.94	60.00	352.34	3270.58	3290.37	120.00	-1665.61	-168.54	2018.88	53.40	38.18	PASS	
3425.00†	3402.14	62.11	364.73	3370.74	3390.53	119.87	-1666.27	-168.61	2031.85	53.67	38.24	PASS	
3525.00†	3501.35	64.22	377.11	3472.00	3491.79	119.82	-1666.78	-168.68	2044.67	53.94	38.28	PASS	
3625.00†	3600.56	66.33	389.50	3563.37	3583.16	119.60	-1667.32	-168.75	2057.58	54.22	38.32	PASS	
3725.00†	3699.77	68.44	401.88	3652.14	3671.92	119.42	-1668.31	-168.82	2071.01	54.50	38.37	PASS	
3825.00†	3798.97	70.55	414.27	3744.91	3764.68	119.22	-1669.75	-168.89	2084.86	54.80	38.42	PASS	
3925.00†	3898.18	72.66	426.65	3843.34	3863.10	118.84	-1671.41	-168.97	2098.87	55.11	38.45	PASS	
4025.00†	3997.39	74.76	439.04	3939.17	3958.91	118.14	-1673.03	-169.05	2112.87	55.44	38.48	PASS	
4125.00†	4096.60	76.87	451.43	4030.46	4050.17	117.02	-1674.91	-169.14	2127.22	55.76	38.51	PASS	
4225.00†	4195.80	78.98	463.81	4124.45	4144.12	115.29	-1677.08	-169.25	2141.82	56.10	38.54	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 48 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 1 #21-2 AWB Offset Wellpath: LEFFLER 1 #21-2 AWP

Facility: SEC.21-T06N-R66W				Slot: SLO#04 EX:LEFFLER 1 #21-2 (660'FNL & 1880'FEL SEC.21,PR,7340'MD)			Well: LEFFLER 1 #21-2		Threshold Value=1.00		† = Interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status		
4325.00†	4295.01	81.09	476.20	4217.42	4237.03	113.10	-1679.54	-169.37	2156.75	56.45	38.57	PASS		
4425.00†	4394.22	83.20	488.58	4321.93	4341.49	110.84	-1682.21	-169.49	2171.61	56.83	38.57	PASS		
4525.00†	4493.43	85.31	500.97	4419.70	4439.21	109.21	-1684.62	-169.60	2186.39	57.20	38.58	PASS		
4625.00†	4592.64	87.42	513.35	4519.41	4538.88	107.99	-1687.16	-169.69	2201.26	57.59	38.58	PASS		
4725.00†	4691.84	89.53	525.74	4634.16	4653.61	106.86	-1689.50	-169.79	2215.63	58.02	38.54	PASS		
4825.00†	4791.05	91.64	538.12	4743.25	4762.68	106.16	-1691.18	-169.87	2229.53	58.44	38.50	PASS		
4925.00†	4890.26	93.75	550.51	4848.45	4867.87	105.49	-1692.28	-169.95	2242.93	58.87	38.44	PASS		
5025.00†	4989.47	95.86	562.89	4945.58	4964.99	104.94	-1693.30	-170.01	2256.35	59.29	38.40	PASS		
5125.00†	5088.67	97.97	575.28	5045.11	5064.51	104.65	-1694.39	-170.08	2269.81	59.73	38.34	PASS		
5225.00†	5187.88	100.07	587.67	5142.22	5161.62	104.66	-1695.41	-170.13	2283.24	60.16	38.29	PASS		
5325.00†	5287.09	102.18	600.05	5237.91	5257.30	105.06	-1696.63	-170.17	2296.88	60.61	38.23	PASS		
5425.00†	5386.30	104.29	612.44	5336.82	5356.20	105.60	-1697.88	-170.21	2310.51	61.06	38.17	PASS		
5525.00†	5485.50	106.40	624.82	5436.12	5455.49	105.81	-1699.24	-170.26	2324.26	61.53	38.10	PASS		
5625.00†	5584.71	108.51	637.21	5540.12	5559.48	106.26	-1700.41	-170.30	2337.75	62.01	38.02	PASS		
5725.00†	5683.92	110.62	649.59	5633.99	5653.35	106.14	-1701.49	-170.35	2351.28	62.48	37.96	PASS		
5825.00†	5783.13	112.73	661.98	5727.30	5746.64	105.88	-1702.87	-170.41	2365.14	62.95	37.89	PASS		
5925.00†	5882.33	114.84	674.36	5824.67	5844.01	105.45	-1704.32	-170.47	2379.01	63.44	37.82	PASS		
6025.00†	5981.54	116.95	686.75	5909.13	5928.45	105.21	-1705.96	-170.52	2393.32	63.90	37.77	PASS		
6125.00†	6080.75	119.06	699.13	6005.81	6025.10	105.15	-1708.16	-170.57	2407.98	64.40	37.70	PASS		
6225.00†	6179.96	121.17	711.52	6113.27	6132.54	104.98	-1710.37	-170.62	2422.40	64.93	37.61	PASS		
6325.00†	6279.17	123.27	723.91	6194.39	6213.64	105.00	-1712.25	-170.66	2437.11	65.40	37.57	PASS		
6425.00†	6378.37	125.38	736.29	6294.57	6313.78	104.90	-1714.94	-170.71	2452.17	65.93	37.49	PASS		
6428.02	6381.37	125.45	736.66	6297.64	6316.85	104.88	-1715.02	-170.71	2452.62	65.94	37.49	PASS		
6525.00†	6478.12	127.33	741.32	6390.06	6409.24	104.58	-1717.53	-32.61	2459.91	66.44	37.32	PASS		
6625.00†	6577.44	128.90	730.68	6488.55	6507.69	104.58	-1720.32	-4.86	2452.11	67.16	36.80	PASS		
6725.00†	6673.88	130.05	704.65	6592.93	6612.03	104.21	-1723.14	-2.31	2428.72	68.43	35.77	PASS		
6825.00†	6765.06	130.75	663.85	6669.08	6688.15	103.75	-1725.30	-1.36	2390.54	69.47	34.67	PASS		
6925.00†	6848.75	130.99	609.29	6737.87	6756.89	103.65	-1727.75	-0.83	2339.01	70.35	33.50	PASS		
7025.00†	6922.87	130.76	542.32	6799.71	6818.67	103.79	-1730.39	-0.44	2275.26	71.06	32.26	PASS		
7125.00†	6985.61	130.07	464.59	6857.68	6876.58	103.93	-1733.15	-0.07	2200.60	71.61	30.96	PASS		
7225.00†	7035.42	128.94	378.00	6904.82	6923.66	103.90	-1735.56	0.37	2116.66	71.99	29.62	PASS		
7325.00†	7071.07	127.38	284.70	6937.96	6956.74	103.78	-1737.37	1.12	2025.43	72.22	28.25	PASS		
7425.00†	7091.69	125.45	186.97	6959.49	6978.24	103.66	-1738.61	3.04	1929.04	72.33	26.86	PASS		
7511.52	7097.00	123.50	100.71	6968.11	6986.85	103.60	-1739.12	13.65	1843.23	72.36	25.66	PASS		
7525.00†	7096.91	123.18	87.23	6968.71	6987.45	103.60	-1739.16	13.73	1829.76	72.36	25.47	PASS		
7625.00†	7096.26	120.81	-12.74	6973.20	6991.92	103.56	-1739.42	14.34	1729.92	72.36	24.08	PASS		
7725.00†	7095.61	118.43	-112.71	6977.77	6996.49	103.53	-1739.70	15.03	1630.07	72.36	22.69	PASS		
7825.00†	7094.96	116.05	-212.68	6982.43	7001.14	103.49	-1739.98	15.81	1530.23	72.36	21.30	PASS		
7925.00†	7094.31	113.68	-312.65	6987.17	7005.87	103.45	-1740.28	16.68	1430.40	72.36	19.91	PASS		
8025.00†	7093.66	111.30	-412.62	6992.01	7010.70	103.41	-1740.58	17.67	1330.57	72.37	18.52	PASS		
8125.00†	7093.01	108.92	-512.59	6996.95	7015.63	103.36	-1740.89	18.81	1230.74	72.38	17.12	PASS		
8225.00†	7092.36	106.55	-612.56	7002.21	7020.88	103.31	-1741.22	20.20	1130.92	72.39	15.73	PASS		
8325.00†	7091.70	104.17	-712.53	7007.87	7026.53	103.25	-1741.57	21.93	1031.11	72.41	14.34	PASS		
8425.00†	7091.05	101.79	-812.50	7013.53	7032.18	103.19	-1741.93	23.98	931.30	72.43	12.95	PASS		
8525.00†	7090.40	99.41	-912.47	7019.21	7037.84	103.13	-1742.29	26.43	831.49	72.45	11.56	PASS		

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 49 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **LEFFLER 1 #21-2 AWB** Offset Wellpath: **LEFFLER 1 #21-2 AWP**

Facility: SEC.21-T06N-R66W Slot: SLOT#04 EX-LEFFLER 1 #21-2 (660'FNL & 1880'FEL SEC.21,PR,7340'MD) Well: LEFFLER 1 #21-2 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7024.89	7043.51	103.07	-1742.65	29.41	731.70	72.49	10.16	PASS	
8725.00†	7089.10	94.66	-1112.41	7030.58	7049.19	103.00	-1743.01	33.08	631.92	72.53	8.77	PASS	
8825.00†	7088.45	92.28	-1212.38	7036.27	7054.87	102.94	-1743.37	37.69	532.16	72.61	7.38	PASS	
8861.52	7088.21	91.42	-1248.88	7038.35	7056.95	102.91	-1743.50	39.66	495.74	72.64	6.87	PASS	
8925.00†	7087.80	88.85	-1312.31	7041.98	7060.57	102.87	-1743.73	57.66	432.51	72.76	5.98	PASS	
9025.00†	7087.14	80.54	-1411.95	7047.74	7066.32	102.80	-1744.10	72.25	333.54	73.38	4.57	PASS	
9125.00†	7086.49	67.03	-1511.02	7053.54	7072.11	102.72	-1744.47	79.94	236.60	76.17	3.12	PASS	
9216.11	7085.90	50.22	-1600.55	7058.86	7077.41	102.66	-1744.80	84.63	153.72	87.65	1.76	PASS	
9225.00†	7085.84	48.37	-1609.25	7059.37	7077.93	102.65	-1744.84	84.99	146.26	89.92	1.63	PASS	
9316.11	7085.25	29.43	-1698.37	7064.71	7083.25	102.58	-1745.18	88.73	86.87	132.50	0.65	FAIL	
9325.00†	7085.19	27.60	-1707.07	7065.23	7083.77	102.57	-1745.21	89.10	84.12	137.29	0.61	FAIL	
9348.16†	7085.04	23.03	-1729.77	7066.54	7085.08	102.55	-1745.29	90.03	81.02	146.09	0.55	FAIL	
9354.30†	7085.00	21.87	-1735.80	7066.94	7085.48	102.55	-1745.32	90.32	81.24	147.18	0.55	FAIL	
9425.00†	7084.53	9.84	-1805.47	7071.09	7089.62	102.49	-1745.58	93.20	110.44	130.91	0.84	FAIL	
9525.00†	7083.88	-2.75	-1904.66	7076.95	7095.47	102.41	-1745.95	96.73	190.73	103.35	1.85	PASS	
9625.00†	7083.23	-10.13	-2004.37	7082.78	7101.28	102.33	-1746.32	99.28	282.06	90.47	3.13	PASS	
9674.43	7082.91	-11.85	-2053.77	7085.65	7104.14	102.29	-1746.51	100.15	328.47	86.62	3.81	PASS	
9725.00†	7082.58	-12.95	-2104.32	7088.58	7107.06	102.25	-1746.69	101.65	376.52	83.73	4.52	PASS	
9825.00†	7081.93	-15.13	-2204.30	7094.37	7112.84	102.16	-1747.06	104.59	473.05	80.13	5.94	PASS	
9925.00†	7081.27	-17.31	-2304.27	7100.14	7118.61	102.07	-1747.43	107.45	570.72	78.06	7.36	PASS	
10025.00†	7080.62	-19.49	-2404.25	7105.00	7123.46	102.00	-1747.73	109.79	669.03	76.90	8.75	PASS	
10125.00†	7079.97	-21.68	-2504.22	7109.65	7128.09	101.93	-1748.02	111.96	767.74	76.18	10.14	PASS	
10225.00†	7079.32	-23.86	-2604.19	7114.09	7132.53	101.87	-1748.29	113.99	866.72	75.72	11.52	PASS	
10325.00†	7078.67	-26.04	-2704.17	7118.35	7136.78	101.81	-1748.54	115.87	965.89	75.41	12.89	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **LEFFLER 1 #21-2 AWB** Offset Wellpath: **LEFFLER 1 #21-2 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **LEFFLER 1 #21-2 AWB** Offset Wellpath: **LEFFLER 1 #21-2 AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	0.00	452.00	452.00	-5.00	446.94	64.92	-1004.64	66.91	-1005.36
8.625in Casing Surface	0.00	452.00	452.00	-5.00	446.94	64.92	-1004.64	66.91	-1005.36
7.875in Open Hole	452.00	7316.00	6864.00	446.94	7309.29	66.91	-1005.36	63.04	-1037.24
4.5in Casing Production	0.00	7316.00	7316.00	-5.00	7309.29	64.92	-1004.64	63.04	-1037.24

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 50 of 190



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

WELLPATH COMPOSITION - Offset Wellbore: LEFFLER 1 #21-2 AWB Offset Wellpath: LEFFLER 1 #21-2 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7100.00	VESSI GyroFlex v4	VES GYRO SURVEYS FROM SRC (ADJ FROM GRID TO TRUE, +.47 AZI)<100-7100>	LEFFLER 1 #21-2 AWB
7100.00	7340.00	Drift Indicator - Inclination Only (Actual Survey)	DRIFT INDICATOR TO TD (7340' FROM CO WEBSITE)	LEFFLER 1 #21-2 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: LEFFLER 1 #21-2 AWB Offset Wellpath: LEFFLER 1 #21-2 AWP	
MD Reference: Rig on SLOT#04 EX:LEFFLER 1 #21-2 (660'FNL & 1880'FEL SEC.21,PR,7340'MD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 51 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20A-L PWB Offset Wellpath: DONN 30N-20A-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#13 DONN 30N-20A-L (738'FNL & 250'FEL, SEC.21) Well: DONN 30N 20A-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	26.00	25.00	60.11	0.28	0.27	60.11	1.57	98.31	PASS	
125.00†	125.00	0.00	0.00	126.00	125.00	60.11	0.28	0.27	60.11	1.89	64.17	PASS	
225.00†	225.00	0.00	0.00	225.66	224.66	60.19	0.37	0.35	60.19	2.45	39.92	PASS	
300.00	300.00	0.00	0.00	299.63	298.61	61.21	1.62	1.51	61.25	3.02	29.38	PASS	
325.00†	325.00	0.02	0.11	324.26	323.22	61.82	2.36	-78.23	61.87	3.21	27.11	PASS	
425.00†	424.96	0.46	2.69	422.71	421.49	65.60	6.97	-76.46	65.37	4.25	19.59	PASS	
525.00†	524.77	1.48	8.71	520.97	519.30	71.50	14.17	-75.58	70.44	5.23	16.28	PASS	
625.00†	624.30	3.09	18.15	619.00	616.51	79.50	23.93	-75.46	77.03	6.17	14.61	PASS	
660.88	659.93	3.81	22.38	654.11	651.21	82.88	28.05	-75.57	79.75	6.47	14.30	PASS	
725.00†	723.54	5.16	30.32	717.70	713.96	89.44	36.05	-75.76	85.01	6.95	14.03	PASS	
825.00†	822.75	7.27	42.70	817.36	812.28	99.76	48.64	-75.97	93.27	7.73	13.65	PASS	
925.00†	921.95	9.38	55.09	917.02	910.60	110.08	61.23	-76.16	101.52	8.55	13.25	PASS	
1025.00†	1021.16	11.49	67.48	1016.68	1008.92	120.40	73.82	-76.32	109.78	9.42	12.87	PASS	
1125.00†	1120.37	13.60	79.86	1116.34	1107.24	130.72	86.41	-76.45	118.03	10.29	12.56	PASS	
1225.00†	1219.58	15.71	92.25	1216.00	1205.56	141.04	99.00	-76.57	126.29	11.24	12.20	PASS	
1325.00†	1318.78	17.82	104.63	1315.65	1303.88	151.36	111.59	-76.67	134.55	12.14	11.95	PASS	
1425.00†	1417.99	19.93	117.02	1415.31	1402.20	161.68	124.18	-76.76	142.81	13.08	11.70	PASS	
1525.00†	1517.20	22.04	129.40	1514.97	1500.52	172.00	136.77	-76.84	151.06	14.03	11.49	PASS	
1625.00†	1616.41	24.15	141.79	1614.63	1598.84	182.32	149.35	-76.91	159.32	14.99	11.29	PASS	
1725.00†	1715.61	26.25	154.17	1714.29	1697.16	192.64	161.94	-76.98	167.58	15.95	11.12	PASS	
1825.00†	1814.82	28.36	166.56	1813.94	1795.48	202.96	174.53	-77.04	175.84	16.22	11.29	PASS	
1925.00†	1914.03	30.47	178.95	1913.60	1893.80	213.27	187.12	-77.09	184.10	16.33	11.74	PASS	
2025.00†	2013.24	32.58	191.33	2013.26	1992.12	223.59	199.71	-77.14	192.36	16.50	12.14	PASS	
2125.00†	2112.44	34.69	203.72	2112.92	2090.44	233.91	212.30	-77.19	200.62	16.74	12.47	PASS	
2225.00†	2211.65	36.80	216.10	2212.58	2188.76	244.23	224.89	-77.23	208.88	17.05	12.74	PASS	
2325.00†	2310.86	38.91	228.49	2312.24	2287.08	254.55	237.48	-77.27	217.14	17.43	12.95	PASS	
2425.00†	2410.07	41.02	240.87	2411.89	2385.39	264.87	250.07	-77.30	225.40	17.87	13.09	PASS	
2525.00†	2509.28	43.13	253.26	2511.55	2483.71	275.19	262.65	-77.34	233.66	18.37	13.19	PASS	
2625.00†	2608.48	45.24	265.64	2611.21	2582.03	285.51	275.24	-77.37	241.92	18.92	13.24	PASS	
2725.00†	2707.69	47.35	278.03	2710.87	2680.35	295.83	287.83	-77.40	250.18	19.52	13.26	PASS	
2825.00†	2806.90	49.46	290.41	2810.53	2778.67	306.15	300.42	-77.42	258.44	20.17	13.24	PASS	
2925.00†	2906.11	51.56	302.80	2910.19	2876.99	316.47	313.01	-77.45	266.70	20.86	13.20	PASS	
3025.00†	3005.31	53.67	315.19	3009.84	2975.31	326.79	325.60	-77.47	274.96	21.58	13.14	PASS	
3125.00†	3104.52	55.78	327.57	3109.50	3073.63	337.11	338.19	-77.49	283.22	22.33	13.06	PASS	
3225.00†	3203.73	57.89	339.96	3209.16	3171.95	347.43	350.78	-77.52	291.48	23.12	12.98	PASS	
3325.00†	3302.94	60.00	352.34	3308.82	3270.27	357.75	363.37	-77.54	299.74	23.93	12.88	PASS	
3425.00†	3402.14	62.11	364.73	3408.48	3368.59	368.07	375.95	-77.55	308.00	24.76	12.78	PASS	
3525.00†	3501.35	64.22	377.11	3508.13	3466.91	378.39	388.54	-77.57	316.26	25.61	12.67	PASS	
3625.00†	3600.56	66.33	389.50	3607.79	3565.23	388.71	401.13	-77.59	324.52	26.49	12.56	PASS	
3725.00†	3699.77	68.44	401.88	3707.45	3663.55	399.03	413.72	-77.61	332.78	27.38	12.45	PASS	
3825.00†	3798.97	70.55	414.27	3807.11	3761.87	409.35	426.31	-77.62	341.04	28.28	12.34	PASS	
3925.00†	3898.18	72.66	426.65	3906.77	3860.19	419.67	438.90	-77.64	349.30	29.21	12.23	PASS	
4025.00†	3997.39	74.76	439.04	4006.43	3958.51	429.99	451.49	-77.65	357.56	30.14	12.13	PASS	
4125.00†	4096.60	76.87	451.43	4106.08	4056.83	440.31	464.08	-77.66	365.82	31.08	12.02	PASS	
4225.00†	4195.80	78.98	463.81	4205.74	4155.15	450.63	476.67	-77.68	374.08	32.04	11.92	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 52 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20A-L PWB Offset Wellpath: DONN 30N-20A-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLO#13 DONN 30N-20A-L (738'FNL & 250'FEL, SEC.21) Well: DONN 30N 20A-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4305.40	4253.47	460.95	489.26	-77.69	382.34	33.00	11.82	PASS	
4425.00†	4394.22	83.20	488.58	4405.06	4351.79	471.27	501.84	-77.70	390.60	33.98	11.72	PASS	
4525.00†	4493.43	85.31	500.97	4504.72	4450.11	481.58	514.43	-77.71	398.86	34.96	11.62	PASS	
4625.00†	4592.64	87.42	513.35	4604.37	4548.43	491.90	527.02	-77.72	407.12	35.93	11.53	PASS	
4725.00†	4691.84	89.53	525.74	4704.03	4646.75	502.22	539.61	-77.73	415.38	36.95	11.44	PASS	
4825.00†	4791.05	91.64	538.12	4803.69	4745.07	512.54	552.20	-77.74	423.64	37.95	11.36	PASS	
4925.00†	4890.26	93.75	550.51	4903.35	4843.39	522.86	564.79	-77.75	431.90	38.96	11.27	PASS	
5025.00†	4989.47	95.86	562.89	5003.01	4941.71	533.18	577.38	-77.76	440.16	39.97	11.19	PASS	
5125.00†	5088.67	97.97	575.28	5102.67	5040.03	543.50	589.97	-77.77	448.43	40.99	11.12	PASS	
5225.00†	5187.88	100.07	587.67	5202.32	5138.35	553.82	602.56	-77.78	456.69	42.01	11.04	PASS	
5325.00†	5287.09	102.18	600.05	5301.98	5236.67	564.14	615.14	-77.79	464.95	43.04	10.97	PASS	
5425.00†	5386.30	104.29	612.44	5401.64	5334.99	574.46	627.73	-77.79	473.21	44.07	10.90	PASS	
5525.00†	5485.50	106.40	624.82	5501.30	5433.31	584.78	640.32	-77.80	481.47	45.10	10.83	PASS	
5625.00†	5584.71	108.51	637.21	5600.96	5531.63	595.10	652.91	-77.81	489.73	46.14	10.76	PASS	
5725.00†	5683.92	110.62	649.59	5700.62	5629.95	605.42	665.50	-77.82	497.99	47.18	10.70	PASS	
5825.00†	5783.13	112.73	661.98	5800.27	5728.27	615.74	678.09	-77.82	506.25	48.23	10.64	PASS	
5925.00†	5882.33	114.84	674.36	5899.93	5826.59	626.06	690.68	-77.83	514.51	49.27	10.58	PASS	
6025.00†	5981.54	116.95	686.75	5999.59	5924.91	636.38	703.27	-77.84	522.77	50.32	10.52	PASS	
6125.00†	6080.75	119.06	699.13	6099.25	6023.23	646.70	715.86	-77.84	531.03	51.37	10.47	PASS	
6225.00†	6179.96	121.17	711.52	6198.91	6121.55	657.02	728.44	-77.85	539.29	52.43	10.41	PASS	
6325.00†	6279.17	123.27	723.91	6300.39	6221.81	667.51	740.01	-77.99	547.49	53.50	10.36	PASS	
6425.00†	6378.37	125.38	736.29	6402.68	6323.45	677.84	738.33	-79.50	555.19	54.68	10.27	PASS	
6428.02	6381.37	125.45	736.66	6405.69	6326.43	678.14	738.03	-79.57	555.42	54.73	10.27	PASS	
6525.00†	6478.12	127.33	741.32	6500.46	6419.21	687.22	721.45	55.72	563.34	55.99	10.18	PASS	
6625.00†	6577.44	128.90	730.68	6595.13	6508.45	695.64	691.28	80.66	572.28	57.76	10.02	PASS	
6725.00†	6673.88	130.05	704.65	6687.11	6590.00	703.00	649.56	80.56	581.67	58.81	10.00	PASS	
6825.00†	6765.06	130.75	663.85	6776.78	6662.97	709.26	597.94	79.05	591.13	59.96	9.96	PASS	
6925.00†	6848.75	130.99	609.29	6864.52	6726.72	714.38	537.98	77.34	600.27	61.17	9.92	PASS	
7025.00†	6922.87	130.76	542.32	6950.66	6780.78	718.36	471.12	75.73	608.72	63.60	9.67	PASS	
7125.00†	6985.61	130.07	464.59	7035.50	6824.78	721.19	398.71	74.31	616.14	66.21	9.40	PASS	
7225.00†	7035.42	128.94	378.00	7119.31	6858.48	722.87	322.06	73.16	622.25	69.77	9.00	PASS	
7325.00†	7071.07	127.38	284.70	7202.35	6881.72	723.41	242.40	72.29	626.81	73.67	8.58	PASS	
7425.00†	7091.69	125.45	186.97	7284.86	6894.41	722.83	160.94	71.73	629.66	78.00	8.14	PASS	
7511.52	7097.00	123.50	100.71	7358.33	6896.95	721.40	87.56	71.50	630.62	82.01	7.75	PASS	
7525.00†	7096.91	123.18	87.23	7371.81	6896.89	721.09	74.07	71.51	630.61	82.71	7.68	PASS	
7625.00†	7096.26	120.81	-12.74	7471.81	6896.47	718.75	-25.90	71.53	630.58	88.16	7.20	PASS	
7725.00†	7095.61	118.43	-112.71	7571.81	6896.05	716.41	-125.87	71.55	630.54	94.13	6.74	PASS	
7825.00†	7094.96	116.05	-212.68	7671.81	6895.64	714.07	-225.84	71.57	630.50	100.52	6.31	PASS	
7925.00†	7094.31	113.68	-312.65	7771.81	6895.22	711.74	-325.81	71.59	630.46	107.25	5.91	PASS	
8025.00†	7093.66	111.30	-412.62	7871.81	6894.80	709.40	-425.78	71.61	630.43	114.28	5.54	PASS	
8125.00†	7093.01	108.92	-512.59	7971.81	6894.39	707.06	-525.75	71.63	630.39	121.54	5.21	PASS	
8225.00†	7092.36	106.55	-612.56	8071.81	6893.97	704.72	-625.73	71.66	630.35	129.00	4.91	PASS	
8325.00†	7091.70	104.17	-712.53	8171.81	6893.55	702.38	-725.70	71.68	630.31	136.62	4.63	PASS	
8425.00†	7091.05	101.79	-812.50	8271.81	6893.13	700.04	-825.67	71.70	630.28	144.38	4.38	PASS	
8525.00†	7090.40	99.41	-912.47	8371.81	6892.72	697.70	-925.64	71.72	630.24	152.26	4.19	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 53 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20A-L PWB Offset Wellpath: DONN 30N-20A-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#13 DONN 30N-20A-L (738'FNL & 250'FEL, SEC.21) Well: DONN 30N 20A-L Threshold Value=1.00 † = Interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8625.00†	7089.75	97.04	-1012.44	8471.81	6892.30	695.37	-1025.61	71.74	630.20	160.24	3.95	PASS
8725.00†	7089.10	94.66	-1112.41	8571.81	6891.88	693.03	-1125.58	71.76	630.17	168.31	3.76	PASS
8825.00†	7088.45	92.28	-1212.38	8671.81	6891.47	690.69	-1225.56	71.78	630.13	176.46	3.58	PASS
8861.52	7088.21	91.42	-1248.88	8708.32	6891.31	689.84	-1262.06	71.79	630.12	179.44	3.52	PASS
8925.00†	7087.80	88.85	-1312.31	8771.80	6891.05	688.35	-1325.51	71.81	631.10	184.68	3.43	PASS
9025.00†	7087.14	80.54	-1411.95	8871.61	6890.63	686.02	-1425.30	71.93	636.70	193.04	3.31	PASS
9125.00†	7086.49	67.03	-1511.02	8970.97	6890.22	683.69	-1524.63	72.14	647.29	201.52	3.22	PASS
9216.11	7085.90	50.22	-1600.55	9060.87	6889.84	681.59	-1614.51	72.40	661.25	209.29	3.17	PASS
9225.00†	7085.84	48.37	-1609.25	9069.61	6889.81	681.39	-1623.24	72.44	662.82	210.04	3.16	PASS
9316.11	7085.25	29.43	-1698.37	9159.14	6889.43	679.29	-1712.75	72.89	678.87	217.82	3.12	PASS
9325.00†	7085.19	27.60	-1707.07	9167.89	6889.40	679.09	-1721.49	72.95	680.42	218.58	3.12	PASS
9425.00†	7084.53	9.84	-1805.47	9266.67	6888.98	676.78	-1820.25	73.49	695.17	227.18	3.07	PASS
9525.00†	7083.88	-2.75	-1904.66	9366.13	6888.57	674.45	-1919.68	73.84	704.96	235.84	3.00	PASS
9625.00†	7083.23	-10.13	-2004.37	9465.99	6888.15	672.12	-2019.51	74.03	709.75	244.50	2.91	PASS
9674.43	7082.91	-11.85	-2053.77	9515.42	6887.95	670.96	-2068.93	74.07	710.26	248.77	2.86	PASS
9725.00†	7082.58	-12.95	-2104.32	9565.99	6887.74	669.78	-2119.48	74.08	710.15	253.12	2.81	PASS
9825.00†	7081.93	-15.13	-2204.30	9665.99	6887.32	667.44	-2219.45	74.09	709.93	261.75	2.72	PASS
9925.00†	7081.27	-17.31	-2304.27	9765.99	6886.90	665.10	-2319.42	74.11	709.72	270.39	2.63	PASS
10025.00†	7080.62	-19.49	-2404.25	9865.99	6886.48	662.76	-2419.40	74.12	709.50	279.06	2.55	PASS
10125.00†	7079.97	-21.68	-2504.22	9965.99	6886.07	660.42	-2519.37	74.14	709.23	287.74	2.47	PASS
10225.00†	7079.32	-23.86	-2604.19	10065.99	6885.65	658.09	-2619.34	74.15	709.07	296.44	2.40	PASS
10325.00†	7078.67	-26.04	-2704.17	10165.99	6885.23	655.75	-2719.31	74.16	708.86	305.16	2.33	PASS
10425.00†	7078.02	-28.22	-2804.14	10265.98	6884.82	653.41	-2819.28	74.18	708.64	313.89	2.26	PASS
10525.00†	7077.37	-30.40	-2904.12	10365.98	6884.40	651.07	-2919.25	74.19	708.43	322.63	2.20	PASS
10625.00†	7076.72	-32.58	-3004.09	10465.98	6883.98	648.73	-3019.22	74.21	708.21	331.38	2.14	PASS
10725.00†	7076.07	-34.76	-3104.07	10565.98	6883.56	646.39	-3138.80	74.17	705.82	340.83	2.07	PASS
10825.00†	7075.42	-36.95	-3204.04	10665.98	6883.07	643.16	-3238.62	74.12	702.82	349.48	2.01	PASS
10925.00†	7074.76	-39.13	-3304.01	10818.21	6882.51	628.98	-3370.85	74.00	698.42	358.71	1.95	PASS
11025.00†	7074.11	-41.31	-3403.99	10970.64	6881.88	607.59	-3521.73	73.61	686.94	366.12	1.88	PASS
11125.00†	7073.46	-43.49	-3503.96	11076.63	6881.43	587.49	-3625.79	73.19	670.71	373.65	1.80	PASS
11174.43	7073.14	-44.57	-3553.38	11117.08	6881.26	579.93	-3665.53	73.03	662.86	377.86	1.76	PASS
11225.00†	7072.81	-46.34	-3603.92	11154.74	6881.11	573.59	-3702.65	72.96	656.36	382.34	1.72	PASS
11249.77	7072.65	-47.70	-3628.64	11173.30	6881.03	570.74	-3720.99	72.93	653.99	384.52	1.70	PASS
11325.00†	7072.16	-52.30	-3703.73	11229.88	6880.79	563.14	-3777.06	72.83	648.66	391.05	1.66	PASS
11425.00†	7071.51	-58.42	-3803.54	11305.39	6880.48	555.59	-3852.18	72.77	644.88	399.45	1.62	PASS
11525.00†	7070.86	-64.55	-3903.36	11381.01	6880.16	551.02	-3927.65	72.79	644.88	407.49	1.58	PASS
11625.00†	7070.21	-70.67	-4003.17	11456.50	6879.84	549.43	-4003.13	72.88	648.66	415.12	1.56	PASS
11725.00†	7069.56	-76.79	-4102.98	11555.56	6879.43	549.43	-4102.18	73.06	654.45	424.15	1.54	PASS
11825.00†	7068.91	-82.91	-4202.79	11655.37	6879.01	549.43	-4201.99	73.23	660.24	433.24	1.52	PASS
11925.00†	7068.25	-89.04	-4302.60	11755.18	6878.60	549.43	-4301.81	73.40	666.04	442.34	1.51	PASS
12025.00†	7067.60	-95.16	-4402.41	11854.99	6878.18	549.43	-4401.62	73.57	671.85	451.44	1.49	PASS
12125.00†	7066.95	-101.28	-4502.22	11954.81	6877.77	549.43	-4501.43	73.74	677.66	460.56	1.47	PASS
12225.00†	7066.30	-107.40	-4602.03	12054.62	6877.35	549.43	-4601.24	73.90	683.47	469.68	1.46	PASS
12325.00†	7065.65	-113.52	-4701.84	12154.43	6876.93	549.43	-4701.05	74.06	689.29	478.81	1.44	PASS
12425.00†	7065.00	-119.65	-4801.65	12254.24	6876.52	549.43	-4800.86	74.22	695.12	487.95	1.43	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 54 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20A-L PWB Offset Wellpath: DONN 30N-20A-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#13 DONN 30N-20A-L (738'FNL & 250'FEL, SEC.21) Well: DONN 30N 20A-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	12354.05	6876.10	549.43	-4900.67	74.37	700.95	497.09	1.41	PASS	
12625.00†	7063.70	-131.89	-5001.27	12453.87	6875.68	549.43	-5000.48	74.52	706.79	506.24	1.40	PASS	
12725.00†	7063.05	-138.01	-5101.08	12553.68	6875.27	549.43	-5100.30	74.67	712.63	515.40	1.38	PASS	
12825.00†	7062.40	-144.13	-5200.89	12653.49	6874.85	549.43	-5200.11	74.82	718.48	524.56	1.37	PASS	
12925.00†	7061.74	-150.26	-5300.70	12753.30	6874.43	549.43	-5299.92	74.96	724.33	533.72	1.36	PASS	
12949.77	7061.58	-151.77	-5325.42	12778.02	6874.33	549.43	-5324.64	75.00	725.78	535.99	1.35	PASS	
13025.00†	7061.09	-154.90	-5400.58	12853.19	6874.02	549.43	-5399.80	75.11	728.75	542.85	1.34	PASS	
13125.00†	7060.44	-154.47	-5500.57	12953.17	6873.60	549.43	-5499.79	75.14	728.27	551.79	1.32	PASS	
13225.00†	7059.78	-148.80	-5600.39	13053.00	6873.18	549.43	-5599.61	75.02	722.74	560.50	1.29	PASS	
13325.00†	7059.12	-137.92	-5699.79	13152.40	6872.77	549.43	-5699.01	74.75	712.17	568.91	1.25	PASS	
13425.00†	7058.47	-121.86	-5798.47	13251.08	6872.36	549.43	-5797.70	74.31	696.61	576.94	1.21	PASS	
13506.75	7057.93	-104.90	-5878.44	13331.05	6872.02	549.43	-5877.66	73.82	680.23	583.15	1.17	PASS	
13525.00†	7057.81	-100.73	-5896.20	13348.82	6871.95	549.43	-5895.43	73.72	676.21	584.49	1.16	PASS	
13606.75	7057.28	-82.06	-5975.79	13428.41	6871.62	549.43	-5975.02	73.28	658.22	590.42	1.11	PASS	
13625.00†	7057.16	-77.98	-5993.58	13446.20	6871.54	549.43	-5992.80	73.21	654.29	591.74	1.11	PASS	
13725.00†	7056.51	-58.64	-6091.68	13544.30	6871.13	549.43	-6090.90	72.88	635.70	599.12	1.06	PASS	
13825.00†	7055.86	-44.46	-6190.65	13643.27	6870.72	549.43	-6189.88	72.62	622.08	606.87	1.03	PASS	
13925.00†	7055.20	-35.48	-6290.24	13742.86	6870.31	549.43	-6289.46	72.45	613.44	615.01	1.00	FAIL	
14025.00†	7054.55	-31.73	-6390.15	13842.78	6869.89	549.43	-6389.38	72.38	609.79	623.58	0.98	FAIL	
14092.27	7054.12	-32.15	-6457.41	13910.04	6869.61	549.43	-6456.64	72.39	610.15	629.59	0.97	FAIL	
14125.00†	7053.91	-32.93	-6490.13	13942.76	6869.47	549.43	-6489.37	72.41	610.87	632.56	0.97	FAIL	
14225.00†	7053.26	-35.31	-6590.10	14042.73	6869.06	549.43	-6589.34	72.50	613.07	641.65	0.96	FAIL	
14325.00†	7052.62	-37.69	-6690.07	14142.70	6868.64	549.43	-6689.31	72.59	615.28	650.73	0.95	FAIL	
14425.00†	7051.98	-40.08	-6790.04	14242.67	6868.22	549.43	-6789.28	72.67	617.48	659.83	0.94	FAIL	
14525.00†	7051.33	-42.46	-6890.01	14342.65	6867.80	549.43	-6889.25	72.76	619.69	668.92	0.93	FAIL	
14625.00†	7050.69	-44.84	-6989.98	14455.06	6867.34	547.83	-7001.64	72.81	620.50	678.58	0.91	FAIL	
14725.00†	7050.04	-47.23	-7089.95	14555.06	6866.92	545.74	-7101.62	72.84	620.71	687.49	0.90	FAIL	
14825.00†	7049.40	-49.61	-7189.92	14655.06	6866.50	543.64	-7201.60	72.87	620.92	696.41	0.89	FAIL	
14925.00†	7048.76	-51.99	-7289.89	14755.06	6866.08	541.55	-7301.57	72.90	621.12	705.32	0.88	FAIL	
15025.00†	7048.11	-54.38	-7389.86	14855.05	6865.67	539.45	-7401.55	72.92	621.33	714.25	0.87	FAIL	
15125.00†	7047.47	-56.76	-7489.83	14955.05	6865.25	537.35	-7501.53	72.95	621.54	723.17	0.86	FAIL	
15225.00†	7046.82	-59.14	-7589.80	15055.05	6864.83	535.26	-7601.50	72.98	621.75	732.10	0.85	FAIL	
15325.00†	7046.18	-61.53	-7689.77	15155.05	6864.42	533.16	-7701.48	73.01	621.96	741.03	0.84	FAIL	
15425.00†	7045.54	-63.91	-7789.74	15255.05	6864.00	531.07	-7801.45	73.03	622.17	749.96	0.83	FAIL	
15525.00†	7044.89	-66.29	-7889.71	15355.05	6863.58	528.97	-7901.43	73.06	622.37	758.90	0.82	FAIL	
15625.00†	7044.25	-68.68	-7989.68	15455.05	6863.16	526.87	-8001.41	73.09	622.58	767.84	0.81	FAIL	
15725.00†	7043.60	-71.06	-8089.65	15555.05	6862.75	524.78	-8101.38	73.12	622.79	776.78	0.80	FAIL	
15825.00†	7042.96	-73.44	-8189.62	15655.05	6862.33	522.68	-8201.36	73.15	623.00	785.73	0.79	FAIL	
15925.00†	7042.31	-75.83	-8289.59	15755.05	6861.91	520.59	-8301.34	73.17	623.21	794.67	0.78	FAIL	
16025.00†	7041.67	-78.21	-8389.56	15855.05	6861.50	518.49	-8401.31	73.20	623.42	803.62	0.78	FAIL	
16125.00†	7041.03	-80.59	-8489.53	15955.05	6861.08	516.39	-8501.29	73.23	623.63	812.58	0.77	FAIL	
16225.00†	7040.38	-82.98	-8589.49	16055.05	6860.66	514.30	-8601.27	73.26	623.84	821.54	0.76	FAIL	
16325.00†	7039.74	-85.36	-8689.46	16155.05	6860.25	512.20	-8701.24	73.28	624.05	830.49	0.75	FAIL	
16425.00†	7039.09	-87.74	-8789.43	16255.05	6859.83	510.11	-8801.22	73.31	624.26	839.46	0.74	FAIL	
16525.00†	7038.45	-90.13	-8889.40	16355.04	6859.41	508.01	-8901.20	73.34	624.47	848.42	0.74	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 55 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **DONN 30N-20A-L PWB** Offset Wellpath: **DONN 30N-20A-L PWP (REV-B.0)**

Facility: SEC.21-T06N-R66W Slot: SLOT#13 DONN 30N-20A-L (738'FNL & 250'FEL, SEC.21) Well: DONN 30N 20A-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
16625.00†	7037.81	-92.51	-8989.37	16455.04	6858.99	505.92	-9001.17	73.36	624.68	857.39	0.73	FAIL	
16725.00†	7037.16	-94.89	-9089.34	16555.04	6858.58	503.82	-9101.15	73.39	624.89	866.36	0.72	FAIL	
16825.00†	7036.52	-97.28	-9189.31	16655.04	6858.16	501.72	-9201.13	73.42	625.10	875.33	0.71	FAIL	
16925.00†	7035.87	-99.66	-9289.28	16755.04	6857.74	499.63	-9301.10	73.45	625.31	884.31	0.71	FAIL	
17025.00†	7035.23	-102.04	-9389.25	16855.04	6857.33	497.53	-9401.08	73.47	625.52	893.29	0.70	FAIL	
17125.00†	7034.59	-104.43	-9489.22	16955.04	6856.91	495.44	-9501.05	73.50	625.73	902.27	0.69	FAIL	
17225.00†	7033.94	-106.81	-9589.19	17055.04	6856.49	493.34	-9601.03	73.53	625.95	911.25	0.69	FAIL	
17325.00†	7033.30	-109.19	-9689.16	17155.04	6856.07	491.24	-9701.01	73.56	626.16	920.24	0.68	FAIL	
17425.00†	7032.65	-111.58	-9789.13	17255.04	6855.66	489.15	-9800.98	73.58	626.37	929.22	0.67	FAIL	
17525.00†	7032.01	-113.96	-9889.10	17355.04	6855.24	487.05	-9900.96	73.61	626.58	938.22	0.67	FAIL	
17625.00†	7031.37	-116.34	-9989.07	17455.04	6854.82	484.96	-10000.94	73.64	626.79	947.21	0.66	FAIL	
17725.00†	7030.72	-118.73	-10089.04	17555.04	6854.41	482.86	-10100.91	73.67	627.00	956.20	0.66	FAIL	
17825.00†	7030.08	-121.11	-10189.01	17652.35	6854.00	480.82	-10198.20	73.69	627.22	965.07	0.65	FAIL	
17836.95	7030.00	-121.39	-10200.95	17652.35	6854.00	480.82	-10198.20	73.69	627.41	965.36	0.65	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **DONN 30N-20A-L PWB** Offset Wellpath: **DONN 30N-20A-L PWP (REV-B.0)**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **DONN 30N-20A-L PWB** Offset Wellpath: **DONN 30N-20A-L PWP (REV-B.0)**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	24.00	1732.39	36.64	0.17	78.16	50.82
9.625in Casing Surface	25.00	1750.00	1725.00	24.00	1732.39	36.64	0.17	78.16	50.82
8.5in Open Hole	1750.00	17652.35	15902.35	1732.39	6854.00	78.16	50.82	164.88	-3108.33

**SURVEY PROGRAM** - Offset Wellbore: **DONN 30N-20A-L PWB** Offset Wellpath: **DONN 30N-20A-L PWP (REV-B.0)**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 30N-20A-L PWB
1750.00	17652.35	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 30N-20A-L PWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **DONN 30N-20A-L PWB** Offset Wellpath: **DONN 30N-20A-L PWP (REV-B.0)**

MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 56 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. BATES 20-22 AWB Offset Wellpath: EX. BATES 20-22 AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#06 EX. BATES 20-22 (471'FNL & 663'FWL, PR, CODL) Well: EX. BATES 20-22 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	28.00	25.00	357.11	-9691.94	-87.89	9698.52	25.57	394.18	PASS	
125.00†	125.00	0.00	0.00	128.00	125.00	357.11	-9691.94	-87.89	9698.52	25.57	394.14	PASS	
225.00†	225.00	0.00	0.00	228.00	225.00	357.11	-9691.94	-87.89	9698.52	25.58	394.02	PASS	
300.00	300.00	0.00	0.00	303.00	300.00	357.11	-9691.94	-87.89	9698.52	25.58	393.90	PASS	
325.00†	325.00	0.02	0.11	328.00	325.00	357.11	-9691.94	-168.23	9698.63	25.59	393.85	PASS	
425.00†	424.96	0.46	2.69	427.96	424.96	357.11	-9691.94	-168.22	9701.19	25.62	393.46	PASS	
525.00†	524.77	1.48	8.71	527.77	524.77	357.11	-9691.94	-168.20	9707.16	25.70	392.44	PASS	
625.00†	624.30	3.09	18.15	627.30	624.30	357.11	-9691.94	-168.17	9716.55	25.78	391.49	PASS	
660.88	659.93	3.81	22.38	662.93	659.93	357.11	-9691.94	-168.16	9720.74	25.80	391.29	PASS	
725.00†	723.54	5.16	30.32	726.54	723.54	357.11	-9691.94	-168.17	9728.63	25.82	391.29	PASS	
825.00†	822.75	7.27	42.70	825.75	822.75	357.11	-9691.94	-168.19	9740.93	25.86	391.26	PASS	
925.00†	921.95	9.38	55.09	924.95	921.95	357.11	-9691.94	-168.20	9753.23	25.90	391.15	PASS	
1025.00†	1021.16	11.49	67.48	1024.16	1021.16	357.11	-9691.94	-168.22	9765.54	25.94	390.97	PASS	
1125.00†	1120.37	13.60	79.86	1123.37	1120.37	357.11	-9691.94	-168.23	9777.84	25.99	390.72	PASS	
1225.00†	1219.58	15.71	92.25	1222.58	1219.58	357.11	-9691.94	-168.25	9790.14	26.04	390.39	PASS	
1325.00†	1318.78	17.82	104.63	1321.78	1318.78	357.11	-9691.94	-168.26	9802.45	26.10	389.99	PASS	
1425.00†	1417.99	19.93	117.02	1420.99	1417.99	357.11	-9691.94	-168.28	9814.75	26.16	389.52	PASS	
1525.00†	1517.20	22.04	129.40	1520.20	1517.20	357.11	-9691.94	-168.29	9827.06	26.22	388.98	PASS	
1625.00†	1616.41	24.15	141.79	1619.41	1616.41	357.11	-9691.94	-168.31	9839.37	26.30	388.37	PASS	
1725.00†	1715.61	26.25	154.17	1718.61	1715.61	357.11	-9691.94	-168.32	9851.67	26.37	387.70	PASS	
1825.00†	1814.82	28.36	166.56	1817.82	1814.82	357.11	-9691.94	-168.34	9863.98	26.16	387.53	PASS	
1925.00†	1914.03	30.47	178.95	1917.03	1914.03	357.11	-9691.94	-168.35	9876.29	26.17	387.83	PASS	
2025.00†	2013.24	32.58	191.33	2016.24	2013.24	357.11	-9691.94	-168.37	9888.60	26.20	387.95	PASS	
2125.00†	2112.44	34.69	203.72	2115.44	2112.44	357.11	-9691.94	-168.38	9900.91	26.23	387.90	PASS	
2225.00†	2211.65	36.80	216.10	2214.65	2211.65	357.11	-9691.94	-168.40	9913.22	26.28	387.67	PASS	
2325.00†	2310.86	38.91	228.49	2313.86	2310.86	357.11	-9691.94	-168.41	9925.53	26.34	387.28	PASS	
2425.00†	2410.07	41.02	240.87	2413.07	2410.07	357.11	-9691.94	-168.42	9937.84	26.40	386.72	PASS	
2525.00†	2509.28	43.13	253.26	2512.28	2509.28	357.11	-9691.94	-168.44	9950.15	26.48	386.00	PASS	
2625.00†	2608.48	45.24	265.64	2611.48	2608.48	357.11	-9691.94	-168.45	9962.47	26.57	385.12	PASS	
2725.00†	2707.69	47.35	278.03	2710.69	2707.69	357.11	-9691.94	-168.47	9974.78	26.68	384.09	PASS	
2825.00†	2806.90	49.46	290.41	2809.90	2806.90	357.11	-9691.94	-168.48	9987.10	26.79	382.91	PASS	
2925.00†	2906.11	51.56	302.80	2909.11	2906.11	357.11	-9691.94	-168.50	9999.41	26.91	381.58	PASS	
3025.00†	3005.31	53.67	315.19	3008.31	3005.31	357.11	-9691.94	-168.51	10011.73	27.05	380.11	PASS	
3125.00†	3104.52	55.78	327.57	3107.52	3104.52	357.11	-9691.94	-168.53	10024.04	27.19	378.51	PASS	
3225.00†	3203.73	57.89	339.96	3206.73	3203.73	357.11	-9691.94	-168.54	10036.36	27.34	376.79	PASS	
3325.00†	3302.94	60.00	352.34	3305.94	3302.94	357.11	-9691.94	-168.55	10048.68	27.51	374.95	PASS	
3425.00†	3402.14	62.11	364.73	3405.14	3402.14	357.11	-9691.94	-168.57	10060.99	27.68	372.99	PASS	
3525.00†	3501.35	64.22	377.11	3504.35	3501.35	357.11	-9691.94	-168.58	10073.31	27.86	370.93	PASS	
3625.00†	3600.56	66.33	389.50	3603.56	3600.56	357.11	-9691.94	-168.60	10085.63	28.06	368.77	PASS	
3725.00†	3699.77	68.44	401.88	3702.77	3699.77	357.11	-9691.94	-168.61	10097.95	28.26	366.52	PASS	
3825.00†	3798.97	70.55	414.27	3801.97	3798.97	357.11	-9691.94	-168.62	10110.27	28.47	364.18	PASS	
3925.00†	3898.18	72.66	426.65	3901.18	3898.18	357.11	-9691.94	-168.64	10122.59	28.69	361.76	PASS	
4025.00†	3997.39	74.76	439.04	4000.39	3997.39	357.11	-9691.94	-168.65	10134.92	28.92	359.27	PASS	
4125.00†	4096.60	76.87	451.43	4099.60	4096.60	357.11	-9691.94	-168.67	10147.24	29.15	356.72	PASS	
4225.00†	4195.80	78.98	463.81	4198.81	4195.81	357.11	-9691.94	-168.68	10159.56	29.40	354.11	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 57 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. BATES 20-22 AWB Offset Wellpath: EX. BATES 20-22 AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#06 EX. BATES 20-22 (471'FNL & 663'FWL, PR, CODL) Well: EX. BATES 20-22 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4298.01	4295.01	357.11	-9691.94	-168.69	10171.88	29.65	351.44	PASS	
4425.00†	4394.22	83.20	488.58	4397.22	4394.22	357.11	-9691.94	-168.71	10184.21	29.91	348.73	PASS	
4525.00†	4493.43	85.31	500.97	4496.43	4493.43	357.11	-9691.94	-168.72	10196.53	30.18	345.98	PASS	
4625.00†	4592.64	87.42	513.35	4595.64	4592.64	357.11	-9691.94	-168.74	10208.86	30.45	343.19	PASS	
4725.00†	4691.84	89.53	525.74	4694.84	4691.84	357.11	-9691.94	-168.75	10221.18	30.74	340.37	PASS	
4825.00†	4791.05	91.64	538.12	4794.05	4791.05	357.11	-9691.94	-168.76	10233.51	54.17	191.42	PASS	
4925.00†	4890.26	93.75	550.51	4893.26	4890.26	357.11	-9691.94	-168.78	10245.84	56.38	184.02	PASS	
5025.00†	4989.47	95.86	562.89	4992.47	4989.47	357.11	-9691.94	-168.79	10258.16	57.88	179.42	PASS	
5125.00†	5088.67	97.97	575.28	5091.67	5088.67	357.11	-9691.94	-168.80	10270.49	60.05	173.07	PASS	
5225.00†	5187.88	100.07	587.67	5190.88	5187.88	357.11	-9691.94	-168.82	10282.82	62.76	165.70	PASS	
5325.00†	5287.09	102.18	600.05	5290.09	5287.09	357.11	-9691.94	-168.83	10295.15	65.91	157.89	PASS	
5425.00†	5386.30	104.29	612.44	5389.30	5386.30	357.11	-9691.94	-168.84	10307.48	69.39	150.07	PASS	
5525.00†	5485.50	106.40	624.82	5488.50	5485.50	357.11	-9691.94	-168.86	10319.81	73.13	142.49	PASS	
5625.00†	5584.71	108.51	637.21	5587.71	5584.71	357.11	-9691.94	-168.87	10332.14	77.06	135.31	PASS	
5725.00†	5683.92	110.62	649.59	5686.92	5683.92	357.11	-9691.94	-168.88	10344.47	81.15	128.59	PASS	
5825.00†	5783.13	112.73	661.98	5786.13	5783.13	357.11	-9691.94	-168.90	10356.80	85.35	122.35	PASS	
5925.00†	5882.33	114.84	674.36	5885.33	5882.33	357.11	-9691.94	-168.91	10369.14	89.66	116.57	PASS	
6025.00†	5981.54	116.95	686.75	5984.54	5981.54	357.11	-9691.94	-168.93	10381.47	94.04	111.23	PASS	
6125.00†	6080.75	119.06	699.13	6083.75	6080.75	357.11	-9691.94	-168.94	10393.80	98.48	106.30	PASS	
6225.00†	6179.96	121.17	711.52	6182.96	6179.96	357.11	-9691.94	-168.95	10406.14	102.98	101.76	PASS	
6325.00†	6279.17	123.27	723.91	6282.17	6279.17	357.11	-9691.94	-168.96	10418.47	107.52	97.54	PASS	
6425.00†	6378.37	125.38	736.29	6381.37	6378.37	357.11	-9691.94	-168.98	10430.81	112.09	93.64	PASS	
6428.02	6381.37	125.45	736.66	6384.37	6381.37	357.11	-9691.94	-168.98	10431.18	112.23	93.53	PASS	
6525.00†	6478.12	127.33	741.32	6481.12	6478.12	357.11	-9691.94	-30.85	10435.79	116.72	89.95	PASS	
6625.00†	6577.44	128.90	730.68	6580.44	6577.44	357.11	-9691.94	-3.03	10425.12	121.55	86.26	PASS	
6725.00†	6673.88	130.05	704.65	6676.88	6673.88	357.11	-9691.94	-0.36	10399.07	126.78	82.48	PASS	
6825.00†	6765.06	130.75	663.85	6768.06	6765.06	357.11	-9691.94	0.78	10358.27	131.64	79.10	PASS	
6925.00†	6848.75	130.99	609.29	6851.75	6848.75	357.11	-9691.94	1.58	10303.72	136.03	76.14	PASS	
7025.00†	6922.87	130.76	542.32	6925.87	6922.87	357.11	-9691.94	2.37	10236.77	139.85	73.57	PASS	
7125.00†	6985.61	130.07	464.59	6988.61	6985.61	357.11	-9691.94	3.39	10159.07	143.00	71.39	PASS	
7225.00†	7035.42	128.94	378.00	7038.42	7035.42	357.11	-9691.94	5.01	10072.53	145.45	69.59	PASS	
7325.00†	7071.07	127.38	284.70	7074.07	7071.07	357.11	-9691.94	8.32	9979.28	147.15	68.14	PASS	
7425.00†	7091.69	125.45	186.97	7094.69	7091.69	357.11	-9691.94	19.13	9881.63	148.12	67.03	PASS	
7511.52	7097.00	123.50	100.71	7100.00	7097.00	357.11	-9691.94	97.78	9795.43	148.36	66.34	PASS	
7525.00†	7096.91	123.18	87.23	7099.91	7096.91	357.11	-9691.94	97.77	9781.97	148.36	66.24	PASS	
7625.00†	7096.26	120.81	-12.74	7099.26	7096.26	357.11	-9691.94	97.69	9682.08	148.34	65.58	PASS	
7725.00†	7095.61	118.43	-112.71	7098.61	7095.61	357.11	-9691.94	97.61	9582.20	148.32	64.91	PASS	
7825.00†	7094.96	116.05	-212.68	7097.96	7094.96	357.11	-9691.94	97.53	9482.32	148.31	64.24	PASS	
7925.00†	7094.31	113.68	-312.65	7097.31	7094.31	357.11	-9691.94	97.45	9382.45	148.30	63.57	PASS	
8025.00†	7093.66	111.30	-412.62	7096.66	7093.66	357.11	-9691.94	97.38	9282.57	148.29	62.89	PASS	
8125.00†	7093.01	108.92	-512.59	7096.01	7093.01	357.11	-9691.94	97.30	9182.70	148.28	62.22	PASS	
8225.00†	7092.36	106.55	-612.56	7095.36	7092.36	357.11	-9691.94	97.22	9082.84	148.28	61.54	PASS	
8325.00†	7091.70	104.17	-712.53	7094.70	7091.70	357.11	-9691.94	97.14	8982.97	148.28	60.87	PASS	
8425.00†	7091.05	101.79	-812.50	7094.05	7091.05	357.11	-9691.94	97.06	8883.11	148.29	60.19	PASS	
8525.00†	7090.40	99.41	-912.47	7093.40	7090.40	357.11	-9691.94	96.98	8783.25	148.30	59.51	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 58 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. BATES 20-22 AWB Offset Wellpath: EX. BATES 20-22 AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#06 EX. BATES 20-22 (471'FNL & 663'FWL, PR, CODL)						Well: EX. BATES 20-22		Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8625.00†	7089.75	97.04	-1012.44	7092.75	7089.75	357.11	-9691.94	96.90	8683.40	148.31	58.83	PASS
8725.00†	7089.10	94.66	-1112.41	7092.10	7089.10	357.11	-9691.94	96.82	8583.55	148.32	58.14	PASS
8825.00†	7088.45	92.28	-1212.38	7091.45	7088.45	357.11	-9691.94	96.75	8483.70	148.35	57.46	PASS
8861.52	7088.21	91.42	-1248.88	7091.21	7088.21	357.11	-9691.94	96.72	8447.24	148.35	57.21	PASS
8925.00†	7087.80	88.85	-1312.31	7090.80	7087.80	357.11	-9691.94	94.18	8383.92	148.38	56.77	PASS
9025.00†	7087.14	80.54	-1411.95	7090.14	7087.14	357.11	-9691.94	92.60	8284.61	148.45	56.07	PASS
9125.00†	7086.49	67.03	-1511.02	7089.49	7086.49	357.11	-9691.94	91.87	8186.06	148.58	55.36	PASS
9216.11	7085.90	50.22	-1600.55	7088.90	7085.90	357.11	-9691.94	91.48	8097.20	148.76	54.69	PASS
9225.00†	7085.84	48.37	-1609.25	7088.84	7085.84	357.11	-9691.94	91.48	8088.58	148.78	54.62	PASS
9316.11	7085.25	29.43	-1698.37	7088.25	7085.25	357.11	-9691.94	91.46	8000.29	149.03	53.93	PASS
9325.00†	7085.19	27.60	-1707.07	7088.19	7085.19	357.11	-9691.94	91.49	7991.67	149.06	53.87	PASS
9425.00†	7084.53	9.84	-1805.47	7087.53	7084.53	357.11	-9691.94	91.88	7894.12	149.35	53.10	PASS
9525.00†	7083.88	-2.75	-1904.66	7086.88	7083.88	357.11	-9691.94	92.54	7795.60	149.61	52.35	PASS
9625.00†	7083.23	-10.13	-2004.37	7086.23	7083.23	357.11	-9691.94	93.90	7696.34	149.81	51.61	PASS
9674.43	7082.91	-11.85	-2053.77	7085.91	7082.91	357.11	-9691.94	95.30	7647.08	149.89	51.26	PASS
9725.00†	7082.58	-12.95	-2104.32	7085.58	7082.58	357.11	-9691.94	95.26	7596.64	149.95	50.90	PASS
9825.00†	7081.93	-15.13	-2204.30	7084.93	7081.93	357.11	-9691.94	95.19	7496.89	150.08	50.18	PASS
9925.00†	7081.27	-17.31	-2304.27	7084.27	7081.27	357.11	-9691.94	95.13	7397.15	150.23	49.47	PASS
10025.00†	7080.62	-19.49	-2404.25	7083.62	7080.62	357.11	-9691.94	95.06	7297.42	150.38	48.75	PASS
10125.00†	7079.97	-21.68	-2504.22	7082.97	7079.97	357.11	-9691.94	94.99	7197.70	150.54	48.03	PASS
10225.00†	7079.32	-23.86	-2604.19	7082.32	7079.32	357.11	-9691.94	94.92	7097.98	150.71	47.31	PASS
10325.00†	7078.67	-26.04	-2704.17	7081.67	7078.67	357.11	-9691.94	94.85	6998.27	150.89	46.59	PASS
10425.00†	7078.02	-28.22	-2804.14	7081.02	7078.02	357.11	-9691.94	94.78	6898.57	151.09	45.87	PASS
10525.00†	7077.37	-30.40	-2904.12	7080.37	7077.37	357.11	-9691.94	94.71	6798.88	151.29	45.15	PASS
10625.00†	7076.72	-32.58	-3004.09	7079.72	7076.72	357.11	-9691.94	94.64	6699.19	151.51	44.42	PASS
10725.00†	7076.07	-34.76	-3104.07	7079.07	7076.07	357.11	-9691.94	94.57	6599.52	151.74	43.69	PASS
10825.00†	7075.42	-36.95	-3204.04	7078.42	7075.42	357.11	-9691.94	94.50	6499.86	151.99	42.96	PASS
10925.00†	7074.76	-39.13	-3304.01	7077.76	7074.76	357.11	-9691.94	94.43	6400.21	152.25	42.23	PASS
11025.00†	7074.11	-41.31	-3403.99	7077.11	7074.11	357.11	-9691.94	94.36	6300.56	152.53	41.50	PASS
11125.00†	7073.46	-43.49	-3503.96	7076.46	7073.46	357.11	-9691.94	94.30	6200.93	152.82	40.76	PASS
11174.43	7073.14	-44.57	-3553.38	7076.14	7073.14	357.11	-9691.94	94.26	6151.69	152.97	40.40	PASS
11225.00†	7072.81	-46.34	-3603.92	7075.81	7072.81	357.11	-9691.94	93.24	6101.38	153.15	40.02	PASS
11249.77	7072.65	-47.70	-3628.64	7075.65	7072.65	357.11	-9691.94	92.90	6076.80	153.26	39.83	PASS
11325.00†	7072.16	-52.30	-3703.73	7075.16	7072.16	357.11	-9691.94	92.86	6002.19	153.62	39.25	PASS
11425.00†	7071.51	-58.42	-3803.54	7074.51	7071.51	357.11	-9691.94	92.81	5903.04	154.12	38.47	PASS
11525.00†	7070.86	-64.55	-3903.36	7073.86	7070.86	357.11	-9691.94	92.77	5803.92	154.66	37.70	PASS
11625.00†	7070.21	-70.67	-4003.17	7073.21	7070.21	357.11	-9691.94	92.72	5704.84	155.23	36.91	PASS
11725.00†	7069.56	-76.79	-4102.98	7072.56	7069.56	357.11	-9691.94	92.67	5605.78	155.85	36.13	PASS
11825.00†	7068.91	-82.91	-4202.79	7071.91	7068.91	357.11	-9691.94	92.62	5506.76	156.50	35.34	PASS
11925.00†	7068.25	-89.04	-4302.60	7071.25	7068.25	357.11	-9691.94	92.57	5407.78	157.20	34.55	PASS
12025.00†	7067.60	-95.16	-4402.41	7070.60	7067.60	357.11	-9691.94	92.53	5308.84	157.95	33.76	PASS
12125.00†	7066.95	-101.28	-4502.22	7069.95	7066.95	357.11	-9691.94	92.48	5209.93	158.74	32.96	PASS
12225.00†	7066.30	-107.40	-4602.03	7069.30	7066.30	357.11	-9691.94	92.43	5111.07	159.59	32.17	PASS
12325.00†	7065.65	-113.52	-4701.84	7068.65	7065.65	357.11	-9691.94	92.38	5012.25	160.49	31.36	PASS
12425.00†	7065.00	-119.65	-4801.65	7068.00	7065.00	357.11	-9691.94	92.33	4913.48	161.45	30.56	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 59 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. BATES 20-22 AWB Offset Wellpath: EX. BATES 20-22 AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#06 EX. BATES 20-22 (471'FNL & 663'FWL, PR, CODL) Well: EX. BATES 20-22 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	7067.35	7064.35	357.11	-9691.94	92.29	4814.76	162.47	29.76	PASS	
12625.00†	7063.70	-131.89	-5001.27	7066.70	7063.70	357.11	-9691.94	92.24	4716.09	163.56	28.95	PASS	
12725.00†	7063.05	-138.01	-5101.08	7066.05	7063.05	357.11	-9691.94	92.19	4617.49	164.73	28.15	PASS	
12825.00†	7062.40	-144.13	-5200.89	7065.40	7062.40	357.11	-9691.94	92.14	4518.94	165.96	27.34	PASS	
12925.00†	7061.74	-150.26	-5300.70	7064.74	7061.74	357.11	-9691.94	92.09	4420.46	167.28	26.53	PASS	
12949.77	7061.58	-151.77	-5325.42	7064.58	7061.58	357.11	-9691.94	92.08	4396.08	167.62	26.33	PASS	
13025.00†	7061.09	-154.90	-5400.58	7064.09	7061.09	357.11	-9691.94	92.65	4321.80	168.57	25.74	PASS	
13125.00†	7060.44	-154.47	-5500.57	7063.44	7060.44	357.11	-9691.94	94.12	4222.48	169.52	25.01	PASS	
13225.00†	7059.78	-148.80	-5600.39	7062.78	7059.78	357.11	-9691.94	99.30	4122.71	170.09	24.34	PASS	
13325.00†	7059.12	-137.92	-5699.79	7062.12	7059.12	357.11	-9691.94	-119.02	4022.73	170.24	23.72	PASS	
13425.00†	7058.47	-121.86	-5798.47	7061.47	7058.47	357.11	-9691.94	-95.73	3922.82	169.92	23.18	PASS	
13506.75	7057.93	-104.90	-5878.44	7060.93	7057.93	357.11	-9691.94	-93.38	3841.39	169.29	22.78	PASS	
13525.00†	7057.81	-100.73	-5896.20	7060.81	7057.81	357.11	-9691.94	-93.36	3823.25	169.11	22.70	PASS	
13606.75	7057.28	-82.06	-5975.79	7060.28	7057.28	357.11	-9691.94	-93.29	3742.01	168.30	22.32	PASS	
13625.00†	7057.16	-77.98	-5993.58	7060.16	7057.16	357.11	-9691.94	-93.58	3723.87	168.13	22.24	PASS	
13725.00†	7056.51	-58.64	-6091.68	7059.51	7056.51	357.11	-9691.94	-96.96	3624.19	167.43	21.73	PASS	
13825.00†	7055.86	-44.46	-6190.65	7058.86	7055.86	357.11	-9691.94	-163.68	3524.24	167.20	21.16	PASS	
13925.00†	7055.20	-35.48	-6290.24	7058.20	7055.20	357.11	-9691.94	97.25	3424.29	167.46	20.53	PASS	
14025.00†	7054.55	-31.73	-6390.19	7057.55	7054.55	357.11	-9691.94	93.49	3324.61	168.27	19.84	PASS	
14092.27	7054.12	-32.15	-6457.41	7057.12	7054.12	357.11	-9691.94	92.55	3257.87	169.16	19.34	PASS	
14125.00†	7053.91	-32.93	-6490.13	7056.91	7053.91	357.11	-9691.94	92.53	3225.48	169.67	19.09	PASS	
14225.00†	7053.26	-35.31	-6590.10	7056.26	7053.26	357.11	-9691.94	92.45	3126.56	171.31	18.32	PASS	
14325.00†	7052.62	-37.69	-6690.07	7055.62	7052.62	357.11	-9691.94	92.37	3027.72	173.09	17.56	PASS	
14425.00†	7051.98	-40.08	-6790.04	7054.98	7051.98	357.11	-9691.94	92.29	2928.95	175.02	16.80	PASS	
14525.00†	7051.33	-42.46	-6890.01	7054.33	7051.33	357.11	-9691.94	92.21	2830.28	177.11	16.04	PASS	
14625.00†	7050.69	-44.84	-6989.98	7053.69	7050.69	357.11	-9691.94	92.13	2731.69	179.40	15.28	PASS	
14725.00†	7050.04	-47.23	-7089.95	7053.04	7050.04	357.11	-9691.94	92.05	2633.22	181.89	14.53	PASS	
14825.00†	7049.40	-49.61	-7189.92	7052.40	7049.40	357.11	-9691.94	91.97	2534.86	184.62	13.78	PASS	
14925.00†	7048.76	-51.99	-7289.89	7051.76	7048.76	357.11	-9691.94	91.89	2436.64	187.60	13.03	PASS	
15025.00†	7048.11	-54.38	-7389.86	7051.11	7048.11	357.11	-9691.94	91.81	2338.57	190.88	12.29	PASS	
15125.00†	7047.47	-56.76	-7489.83	7050.47	7047.47	357.11	-9691.94	91.73	2240.67	194.49	11.56	PASS	
15225.00†	7046.82	-59.14	-7589.80	7049.82	7046.82	357.11	-9691.94	91.66	2142.96	198.47	10.83	PASS	
15325.00†	7046.18	-61.53	-7689.77	7049.18	7046.18	357.11	-9691.94	91.58	2045.47	202.87	10.11	PASS	
15425.00†	7045.54	-63.91	-7789.74	7048.54	7045.54	357.11	-9691.94	91.50	1948.24	207.76	9.41	PASS	
15525.00†	7044.89	-66.29	-7889.71	7047.89	7044.89	357.11	-9691.94	91.42	1851.30	213.22	8.71	PASS	
15625.00†	7044.25	-68.68	-7989.68	7047.25	7044.25	357.11	-9691.94	91.34	1754.71	219.31	8.02	PASS	
15725.00†	7043.60	-71.06	-8089.65	7046.60	7043.60	357.11	-9691.94	91.26	1658.52	226.16	7.35	PASS	
15825.00†	7042.96	-73.44	-8189.62	7045.96	7042.96	357.11	-9691.94	91.18	1562.80	233.89	6.70	PASS	
15925.00†	7042.31	-75.83	-8289.59	7045.31	7042.31	357.11	-9691.94	91.10	1467.66	242.65	6.06	PASS	
16025.00†	7041.67	-78.21	-8389.56	7044.67	7041.67	357.11	-9691.94	91.02	1373.21	252.64	5.45	PASS	
16125.00†	7041.03	-80.59	-8489.53	7044.03	7041.03	357.11	-9691.94	90.94	1279.61	264.08	4.86	PASS	
16225.00†	7040.38	-82.98	-8589.49	7043.38	7040.38	357.11	-9691.94	90.86	1187.04	277.29	4.29	PASS	
16325.00†	7039.74	-85.36	-8689.46	7042.74	7039.74	357.11	-9691.94	90.79	1095.78	292.60	3.75	PASS	
16425.00†	7039.09	-87.74	-8789.43	7042.09	7039.09	357.11	-9691.94	90.71	1006.19	310.48	3.25	PASS	
16525.00†	7038.45	-90.13	-8889.40	7041.45	7038.45	357.11	-9691.94	90.63	918.74	331.44	2.78	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 60 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83, TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: EX. BATES 20-22 AWB Offset Wellpath: EX. BATES 20-22 AWP

Facility: SEC.20-T06N-R66W				Slot: SLOT#06 EX. BATES 20-22 (471'FNL & 663'FWL, PR, CODL)		Well: EX. BATES 20-22		Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
16625.00†	7037.81	-92.51	-8989.37	7040.81	7037.81	357.11	-9691.94	90.55	834.12	356.09	2.35	PASS
16725.00†	7037.16	-94.89	-9089.34	7040.16	7037.16	357.11	-9691.94	90.47	753.28	385.05	1.96	PASS
16825.00†	7036.52	-97.28	-9189.31	7039.52	7036.52	357.11	-9691.94	90.39	677.57	418.74	1.62	PASS
16925.00†	7035.87	-99.66	-9289.28	7038.87	7035.87	357.11	-9691.94	90.31	608.91	456.97	1.33	PASS
17025.00†	7035.23	-102.04	-9389.25	7038.23	7035.23	357.11	-9691.94	90.23	549.95	498.05	1.10	PASS
17125.00†	7034.59	-104.43	-9489.22	7037.59	7034.59	357.11	-9691.94	90.15	504.10	537.66	0.94	FAIL
17225.00†	7033.94	-106.81	-9589.19	7036.94	7033.94	357.11	-9691.94	90.07	475.17	568.30	0.84	FAIL
17315.59†	7033.36	-108.97	-9679.75	7036.48	7033.48	357.11	-9691.94	90.02	466.24	581.31	0.80	FAIL
17325.00†	7033.30	-109.19	-9689.16	7036.30	7033.30	357.11	-9691.94	89.99	466.31	581.67	0.80	FAIL
17425.00†	7032.65	-111.58	-9789.13	7035.65	7032.65	357.11	-9691.94	89.91	478.66	574.03	0.83	FAIL
17525.00†	7032.01	-113.96	-9889.10	7035.01	7032.01	357.11	-9691.94	89.84	510.67	549.16	0.93	FAIL
17625.00†	7031.37	-116.34	-9989.07	7034.37	7031.37	357.11	-9691.94	89.76	558.97	515.08	1.09	PASS
17725.00†	7030.72	-118.73	-10089.04	7033.72	7030.72	357.11	-9691.94	89.68	619.76	478.87	1.29	PASS
17825.00†	7030.08	-121.11	-10189.01	7033.08	7030.08	357.11	-9691.94	89.60	689.76	444.65	1.55	PASS
17836.95	7030.00	-121.39	-10200.95	7033.00	7030.00	357.11	-9691.94	89.59	698.61	440.80	1.59	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: EX. BATES 20-22 AWB Offset Wellpath: EX. BATES 20-22 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: EX. BATES 20-22 AWB Offset Wellpath: EX. BATES 20-22 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7365.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7365>	EX. BATES 20-22 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: EX. BATES 20-22 AWB Offset Wellpath: EX. BATES 20-22 AWP

MD Reference: Rig on SLOT#06 BATES 20-22 (471'FNL & 663'FWL, PR, CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4780.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 61 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31C-20-L2 PWB Offset Wellpath: DONN 31C-20-L2 PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#20 DONN 31C-20-L2 (878'FNL & 251'FEL, SEC.21) Well: DONN 31C-20-L2 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	25.00	25.00	-79.79	-0.83	-179.40	79.79	1.56	131.38	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	-79.79	-0.83	-179.40	79.79	1.88	85.83	PASS	
225.00†	225.00	0.00	0.00	225.00	225.00	-79.79	-0.83	-179.40	79.79	2.45	53.09	PASS	
300.00	300.00	0.00	0.00	300.00	300.00	-79.79	-0.83	-179.40	79.79	2.89	40.83	PASS	
325.00†	325.00	0.02	0.11	324.61	324.61	-79.85	-0.75	100.28	79.87	3.04	37.98	PASS	
425.00†	424.96	0.46	2.69	423.02	422.98	-81.31	1.32	100.55	81.80	3.76	28.95	PASS	
525.00†	524.77	1.48	8.71	521.30	521.08	-84.72	6.14	101.15	86.32	4.68	23.00	PASS	
625.00†	624.30	3.09	18.15	619.35	618.69	-90.05	13.68	101.95	93.42	5.56	20.11	PASS	
660.88	659.93	3.81	22.38	654.46	653.56	-92.43	17.05	102.27	96.60	5.88	19.45	PASS	
725.00†	723.54	5.16	30.32	717.10	715.63	-97.28	23.91	102.60	102.95	6.45	18.58	PASS	
825.00†	822.75	7.27	42.70	816.31	813.73	-105.81	35.97	102.41	113.64	7.27	17.88	PASS	
925.00†	921.95	9.38	55.09	915.73	912.05	-114.37	48.07	102.25	124.34	8.12	17.24	PASS	
1025.00†	1021.16	11.49	67.48	1015.16	1010.36	-122.92	60.17	102.11	135.04	9.01	16.67	PASS	
1125.00†	1120.37	13.60	79.86	1114.59	1108.68	-131.48	72.28	101.99	145.75	9.91	16.18	PASS	
1225.00†	1219.58	15.71	92.25	1214.01	1206.99	-140.04	84.38	101.89	156.45	10.86	15.71	PASS	
1325.00†	1318.78	17.82	104.63	1313.44	1305.30	-148.59	96.48	101.80	167.16	11.76	15.39	PASS	
1425.00†	1417.99	19.93	117.02	1412.86	1403.62	-157.15	108.58	101.73	177.86	12.73	15.04	PASS	
1525.00†	1517.20	22.04	129.40	1512.29	1501.93	-165.71	120.68	101.66	188.57	13.69	14.75	PASS	
1625.00†	1616.41	24.15	141.79	1611.71	1600.25	-174.26	132.78	101.59	199.27	14.65	14.49	PASS	
1725.00†	1715.61	26.25	154.17	1711.14	1698.56	-182.82	144.89	101.54	209.98	15.62	14.27	PASS	
1825.00†	1814.82	28.36	166.56	1810.56	1796.87	-191.38	156.99	101.49	220.68	15.89	14.49	PASS	
1925.00†	1914.03	30.47	178.95	1909.99	1895.19	-199.94	169.09	101.44	231.39	16.02	15.07	PASS	
2025.00†	2013.24	32.58	191.33	2009.41	1993.50	-208.49	181.19	101.40	242.09	16.18	15.60	PASS	
2125.00†	2112.44	34.69	203.72	2108.84	2091.82	-217.05	193.29	101.36	252.80	16.42	16.04	PASS	
2225.00†	2211.65	36.80	216.10	2208.26	2190.13	-225.61	205.40	101.33	263.50	16.74	16.40	PASS	
2325.00†	2310.86	38.91	228.49	2307.69	2288.45	-234.16	217.50	101.30	274.21	17.12	16.67	PASS	
2425.00†	2410.07	41.02	240.87	2407.11	2386.76	-242.72	229.60	101.27	284.92	17.56	16.87	PASS	
2525.00†	2509.28	43.13	253.26	2506.54	2485.07	-251.28	241.70	101.24	295.62	18.06	16.99	PASS	
2625.00†	2608.48	45.24	265.64	2605.96	2583.39	-259.83	253.80	101.22	306.33	18.62	17.06	PASS	
2725.00†	2707.69	47.35	278.03	2705.39	2681.70	-268.39	265.90	101.19	317.04	19.22	17.09	PASS	
2825.00†	2806.90	49.46	290.41	2804.81	2780.02	-276.95	278.01	101.17	327.74	19.87	17.07	PASS	
2925.00†	2906.11	51.56	302.80	2904.24	2878.33	-285.50	290.11	101.15	338.45	20.56	17.01	PASS	
3025.00†	3005.31	53.67	315.19	3003.66	2976.65	-294.06	302.21	101.13	349.16	21.29	16.93	PASS	
3125.00†	3104.52	55.78	327.57	3103.09	3074.96	-302.62	314.31	101.11	359.86	22.04	16.83	PASS	
3225.00†	3203.73	57.89	339.96	3202.51	3173.27	-311.17	326.41	101.09	370.57	22.83	16.72	PASS	
3325.00†	3302.94	60.00	352.34	3301.94	3271.59	-319.73	338.51	101.08	381.27	23.64	16.60	PASS	
3425.00†	3402.14	62.11	364.73	3401.36	3369.90	-328.29	350.62	101.06	391.98	24.47	16.46	PASS	
3525.00†	3501.35	64.22	377.11	3500.79	3468.22	-336.85	362.72	101.05	402.69	25.33	16.33	PASS	
3625.00†	3600.56	66.33	389.50	3600.21	3566.53	-345.40	374.82	101.03	413.39	26.20	16.19	PASS	
3725.00†	3699.77	68.44	401.88	3699.64	3664.84	-353.96	386.92	101.02	424.10	27.10	16.05	PASS	
3825.00†	3798.97	70.55	414.27	3799.06	3763.16	-362.52	399.02	101.01	434.81	28.00	15.90	PASS	
3925.00†	3898.18	72.66	426.65	3898.49	3861.47	-371.07	411.13	100.99	445.51	28.92	15.77	PASS	
4025.00†	3997.39	74.76	439.04	3997.91	3959.79	-379.63	423.23	100.98	456.22	29.86	15.63	PASS	
4125.00†	4096.60	76.87	451.43	4097.34	4058.10	-388.19	435.33	100.97	466.93	30.80	15.49	PASS	
4225.00†	4195.80	78.98	463.81	4196.76	4156.42	-396.74	447.43	100.96	477.64	31.75	15.36	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 62 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31C-20-L2 PWB Offset Wellpath: DONN 31C-20-L2 PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLO#20 DONN 31C-20-L2 (878'FNL & 251'FEL, SEC.21) Well: DONN 31C-20-L2 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4296.19	4254.73	-405.30	459.53	100.95	488.34	32.72	15.23	PASS	
4425.00†	4394.22	83.20	488.58	4395.61	4353.04	-413.86	471.63	100.94	499.05	33.69	15.11	PASS	
4525.00†	4493.43	85.31	500.97	4495.04	4451.36	-422.41	483.74	100.93	509.76	34.67	14.99	PASS	
4625.00†	4592.64	87.42	513.35	4594.46	4549.67	-430.97	495.84	100.92	520.46	35.66	14.87	PASS	
4725.00†	4691.84	89.53	525.74	4693.89	4647.99	-439.53	507.94	100.92	531.17	36.65	14.76	PASS	
4825.00†	4791.05	91.64	538.12	4793.32	4746.30	-448.08	520.04	100.91	541.88	37.65	14.65	PASS	
4925.00†	4890.26	93.75	550.51	4892.74	4844.62	-456.64	532.14	100.90	552.58	38.66	14.54	PASS	
5025.00†	4989.47	95.86	562.89	4992.17	4942.93	-465.20	544.24	100.89	563.29	39.67	14.44	PASS	
5125.00†	5088.67	97.97	575.28	5091.59	5041.24	-473.76	556.35	100.89	574.00	40.68	14.34	PASS	
5225.00†	5187.88	100.07	587.67	5191.02	5139.56	-482.31	568.45	100.88	584.70	41.70	14.25	PASS	
5325.00†	5287.09	102.18	600.05	5290.44	5237.87	-490.87	580.55	100.87	595.41	42.73	14.15	PASS	
5425.00†	5386.30	104.29	612.44	5389.87	5336.19	-499.43	592.65	100.87	606.12	43.76	14.06	PASS	
5525.00†	5485.50	106.40	624.82	5489.29	5434.50	-507.98	604.75	100.86	616.82	44.79	13.98	PASS	
5625.00†	5584.71	108.51	637.21	5588.72	5532.81	-516.54	616.86	100.85	627.53	45.82	13.89	PASS	
5725.00†	5683.92	110.62	649.59	5688.14	5631.13	-525.10	628.96	100.85	638.24	46.86	13.81	PASS	
5825.00†	5783.13	112.73	661.98	5787.57	5729.44	-533.65	641.06	100.84	648.95	47.90	13.74	PASS	
5925.00†	5882.33	114.84	674.36	5886.99	5827.76	-542.21	653.16	100.84	659.65	48.94	13.66	PASS	
6025.00†	5981.54	116.95	686.75	5986.42	5926.07	-550.77	665.26	100.83	670.36	49.99	13.59	PASS	
6125.00†	6080.75	119.06	699.13	6085.84	6024.39	-559.32	677.36	100.83	681.07	51.04	13.52	PASS	
6225.00†	6179.96	121.17	711.52	6185.27	6122.70	-567.88	689.47	100.82	691.77	52.09	13.45	PASS	
6325.00†	6279.17	123.27	723.91	6284.69	6221.01	-576.44	701.57	100.82	702.48	53.14	13.38	PASS	
6425.00†	6378.37	125.38	736.29	6384.12	6319.33	-584.99	713.67	100.81	713.19	54.20	13.32	PASS	
6428.02	6381.37	125.45	736.66	6387.12	6322.30	-585.25	714.03	100.81	713.51	54.23	13.32	PASS	
6525.00†	6478.12	127.33	741.32	6483.20	6417.30	-593.52	725.73	-120.70	723.58	55.36	13.23	PASS	
6625.00†	6577.44	128.90	730.68	6579.37	6512.50	-601.83	736.49	-93.67	733.63	56.83	13.06	PASS	
6725.00†	6673.88	130.05	704.65	6675.77	6608.42	-610.48	735.71	-92.06	744.06	58.05	12.96	PASS	
6825.00†	6765.06	130.75	663.85	6776.15	6706.93	-619.72	719.46	-92.10	754.77	59.31	12.87	PASS	
6925.00†	6848.75	130.99	609.29	6881.05	6805.79	-629.40	686.12	-92.62	765.47	61.16	12.65	PASS	
7025.00†	6922.87	130.76	542.32	6990.97	6902.02	-639.28	634.21	-93.32	775.79	62.96	12.45	PASS	
7125.00†	6985.61	130.07	464.59	7106.27	6991.79	-649.05	562.76	-94.08	785.31	65.42	12.12	PASS	
7225.00†	7035.42	128.94	378.00	7227.05	7070.42	-658.27	471.80	-94.84	793.55	68.68	11.66	PASS	
7325.00†	7071.07	127.38	284.70	7352.98	7132.63	-666.44	362.84	-95.53	800.03	72.63	11.11	PASS	
7425.00†	7091.69	125.45	186.97	7483.28	7173.22	-673.01	239.45	-96.10	804.33	78.28	10.36	PASS	
7511.52	7097.00	123.50	100.71	7598.48	7187.61	-677.00	125.37	-96.45	806.00	83.32	9.75	PASS	
7525.00†	7096.91	123.18	87.23	7616.57	7187.99	-677.47	107.29	-96.49	806.06	84.13	9.65	PASS	
7625.00†	7096.26	120.81	-12.74	7718.32	7187.64	-679.84	5.57	-96.51	806.05	89.75	9.04	PASS	
7725.00†	7095.61	118.43	-112.71	7818.32	7187.26	-682.17	-94.40	-96.53	806.04	95.89	8.46	PASS	
7825.00†	7094.96	116.05	-212.68	7918.32	7186.88	-684.50	-194.37	-96.55	806.02	102.48	7.91	PASS	
7925.00†	7094.31	113.68	-312.65	8018.32	7186.51	-686.83	-294.35	-96.57	806.01	109.45	7.41	PASS	
8025.00†	7093.66	111.30	-412.62	8118.32	7186.13	-689.16	-394.32	-96.59	805.99	116.73	6.94	PASS	
8125.00†	7093.01	108.92	-512.59	8218.32	7185.75	-691.49	-494.29	-96.61	805.97	124.26	6.52	PASS	
8225.00†	7092.36	106.55	-612.56	8318.32	7185.37	-693.82	-594.26	-96.63	805.96	132.00	6.13	PASS	
8325.00†	7091.70	104.17	-712.53	8418.32	7184.99	-696.15	-694.23	-96.65	805.94	139.92	5.78	PASS	
8425.00†	7091.05	101.79	-812.50	8518.32	7184.61	-698.48	-794.20	-96.67	805.93	147.98	5.47	PASS	
8525.00†	7090.40	99.41	-912.47	8618.32	7184.24	-700.81	-894.18	-96.69	805.91	156.16	5.18	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 63 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31C-20-L2 PWB Offset Wellpath: DONN 31C-20-L2 PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#20 DONN 31C-20-L2 (878'FNL & 251'FEL, SEC.21) Well: DONN 31C-20-L2 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	8718.32	7183.86	-703.14	-994.15	-96.71	805.90	164.45	4.82	PASS	
8725.00†	7089.10	94.66	-1112.41	8818.32	7183.48	-705.47	-1094.12	-96.73	805.88	172.82	4.68	PASS	
8825.00†	7088.45	92.28	-1212.38	8918.32	7183.10	-707.80	-1194.09	-96.75	805.87	181.28	4.46	PASS	
8861.52	7088.21	91.42	-1248.88	8954.83	7182.96	-708.65	-1230.60	-96.75	805.86	184.38	4.38	PASS	
8925.00†	7087.80	88.85	-1312.31	9018.30	7182.72	-710.13	-1294.05	-96.79	804.81	189.78	4.25	PASS	
9025.00†	7087.14	80.54	-1411.95	9118.11	7182.34	-712.45	-1393.83	-96.90	798.90	198.29	4.04	PASS	
9125.00†	7086.49	67.03	-1511.02	9217.47	7181.97	-714.77	-1493.16	-97.08	787.81	206.74	3.82	PASS	
9216.11	7085.90	50.22	-1600.55	9307.37	7181.63	-716.86	-1583.04	-97.31	773.24	214.34	3.62	PASS	
9225.00†	7085.84	48.37	-1609.25	9316.11	7181.60	-717.07	-1591.78	-97.32	771.61	215.07	3.60	PASS	
9316.11	7085.25	29.43	-1698.37	9405.65	7181.26	-719.15	-1681.28	-97.50	754.91	222.60	3.40	PASS	
9325.00†	7085.19	27.60	-1707.07	9414.39	7181.22	-719.36	-1690.02	-97.51	753.30	223.34	3.38	PASS	
9425.00†	7084.53	9.84	-1805.47	9513.17	7180.85	-721.66	-1788.78	-97.61	738.00	231.73	3.19	PASS	
9525.00†	7083.88	-2.75	-1904.66	9612.63	7180.47	-723.98	-1888.21	-97.68	727.85	240.32	3.03	PASS	
9625.00†	7083.23	-10.13	-2004.37	9712.49	7180.10	-726.30	-1988.05	-97.71	722.88	249.06	2.91	PASS	
9674.43	7082.91	-11.85	-2053.77	9761.92	7179.91	-727.45	-2037.46	-97.72	722.34	253.41	2.86	PASS	
9725.00†	7082.58	-12.95	-2104.32	9812.49	7179.72	-728.63	-2088.01	-97.73	722.43	257.87	2.81	PASS	
9825.00†	7081.93	-15.13	-2204.30	9912.49	7179.34	-730.96	-2187.98	-97.75	722.61	266.70	2.71	PASS	
9925.00†	7081.27	-17.31	-2304.27	10012.49	7178.96	-733.29	-2287.96	-97.77	722.80	275.56	2.63	PASS	
10025.00†	7080.62	-19.49	-2404.25	10112.49	7178.58	-735.62	-2387.93	-97.79	722.98	284.43	2.55	PASS	
10125.00†	7079.97	-21.68	-2504.22	10212.49	7178.20	-737.95	-2487.90	-97.81	723.17	293.32	2.47	PASS	
10225.00†	7079.32	-23.86	-2604.19	10312.48	7177.83	-740.28	-2587.87	-97.83	723.35	302.22	2.40	PASS	
10325.00†	7078.67	-26.04	-2704.17	10412.48	7177.45	-742.61	-2687.84	-97.85	723.53	311.14	2.33	PASS	
10425.00†	7078.02	-28.22	-2804.14	10512.48	7177.07	-744.94	-2787.81	-97.87	723.72	320.07	2.26	PASS	
10525.00†	7077.37	-30.40	-2904.12	10612.48	7176.69	-747.27	-2887.79	-97.89	723.90	329.01	2.20	PASS	
10625.00†	7076.72	-32.58	-3004.09	10712.48	7176.31	-749.60	-2987.76	-97.91	724.09	337.96	2.14	PASS	
10725.00†	7076.07	-34.76	-3104.07	10812.48	7175.93	-751.93	-3087.73	-97.93	724.27	346.92	2.09	PASS	
10825.00†	7075.42	-36.95	-3204.04	10912.48	7175.56	-754.26	-3187.70	-97.95	724.46	355.89	2.04	PASS	
10925.00†	7074.76	-39.13	-3304.01	11012.48	7175.18	-756.59	-3287.67	-97.97	724.64	364.86	1.99	PASS	
11025.00†	7074.11	-41.31	-3403.99	11112.48	7174.80	-758.92	-3387.64	-97.98	724.83	373.85	1.94	PASS	
11125.00†	7073.46	-43.49	-3503.96	11212.48	7174.42	-761.25	-3487.62	-98.00	725.01	382.84	1.90	PASS	
11174.43	7073.14	-44.57	-3553.38	11261.91	7174.23	-762.40	-3537.04	-98.01	725.10	387.29	1.87	PASS	
11225.00†	7072.81	-46.34	-3603.92	11312.48	7174.04	-763.58	-3587.58	-98.04	724.53	391.82	1.85	PASS	
11249.77	7072.65	-47.70	-3628.64	11337.23	7173.95	-764.16	-3612.33	-98.07	723.77	394.04	1.84	PASS	
11325.00†	7072.16	-52.30	-3703.73	11412.41	7173.66	-765.91	-3687.49	-98.11	720.97	400.75	1.80	PASS	
11425.00†	7071.51	-58.42	-3803.54	11512.34	7173.29	-768.24	-3787.39	-98.18	717.25	409.68	1.75	PASS	
11525.00†	7070.86	-64.55	-3903.36	11612.26	7172.91	-770.57	-3887.29	-98.24	713.54	418.61	1.71	PASS	
11625.00†	7070.21	-70.67	-4003.17	11712.19	7172.53	-772.89	-3987.19	-98.31	709.82	427.55	1.66	PASS	
11725.00†	7069.56	-76.79	-4102.98	11812.12	7172.15	-775.22	-4087.09	-98.38	706.11	436.48	1.62	PASS	
11825.00†	7068.91	-82.91	-4202.79	11912.05	7171.77	-777.55	-4186.99	-98.44	702.39	445.41	1.58	PASS	
11925.00†	7068.25	-89.04	-4302.60	12011.97	7171.40	-779.88	-4286.89	-98.51	698.68	454.35	1.54	PASS	
12025.00†	7067.60	-95.16	-4402.41	12111.90	7171.02	-782.21	-4386.79	-98.58	694.96	463.29	1.50	PASS	
12125.00†	7066.95	-101.28	-4502.22	12211.83	7170.64	-784.54	-4486.69	-98.65	691.25	472.22	1.46	PASS	
12225.00†	7066.30	-107.40	-4602.03	12311.76	7170.26	-786.86	-4586.59	-98.72	687.54	481.15	1.43	PASS	
12325.00†	7065.65	-113.52	-4701.84	12411.68	7169.88	-789.19	-4686.49	-98.79	683.83	490.09	1.40	PASS	
12425.00†	7065.00	-119.65	-4801.65	12511.61	7169.51	-791.52	-4786.38	-98.86	680.12	499.02	1.36	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 64 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31C-20-L2 PWB Offset Wellpath: DONN 31C-20-L2 PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#20 DONN 31C-20-L2 (878'FNL & 251'FEL, SEC.21) Well: DONN 31C-20-L2 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	12611.54	7169.13	-793.85	-4886.28	-98.93	676.42	507.95	1.33	PASS	
12625.00†	7063.70	-131.89	-5001.27	12711.47	7168.75	-796.18	-4986.18	-99.01	672.71	516.88	1.30	PASS	
12725.00†	7063.05	-138.01	-5101.08	12811.39	7168.37	-798.51	-5086.08	-99.08	669.01	525.80	1.27	PASS	
12825.00†	7062.40	-144.13	-5200.89	12911.32	7167.99	-800.83	-5185.98	-99.15	665.30	534.73	1.24	PASS	
12925.00†	7061.74	-150.26	-5300.70	13011.25	7167.61	-803.16	-5285.88	-99.23	661.60	543.65	1.22	PASS	
12949.77	7061.58	-151.77	-5325.42	13036.00	7167.52	-803.74	-5310.62	-99.25	660.68	545.86	1.21	PASS	
13025.00†	7061.09	-154.90	-5400.58	13111.21	7167.24	-805.49	-5385.82	-99.26	659.36	552.61	1.19	PASS	
13125.00†	7060.44	-154.47	-5500.57	13211.16	7166.86	-807.82	-5485.74	-99.24	662.13	561.71	1.18	PASS	
13225.00†	7059.78	-148.80	-5600.39	13310.83	7166.48	-810.14	-5585.38	-99.17	670.06	570.91	1.17	PASS	
13325.00†	7059.12	-137.92	-5699.79	13409.95	7166.11	-812.45	-5684.47	-99.06	683.13	580.18	1.18	PASS	
13425.00†	7058.47	-121.86	-5798.47	13508.23	7165.73	-814.74	-5782.73	-98.92	701.32	589.46	1.19	PASS	
13506.75	7057.93	-104.90	-5878.44	13587.79	7165.43	-816.59	-5862.26	-98.77	719.95	597.02	1.21	PASS	
13525.00†	7057.81	-100.73	-5896.20	13605.45	7165.37	-817.01	-5879.92	-98.72	724.49	598.70	1.21	PASS	
13606.75	7057.28	-82.06	-5975.79	13684.58	7165.07	-818.85	-5959.03	-98.50	744.82	606.21	1.23	PASS	
13625.00†	7057.16	-77.98	-5993.58	13702.27	7165.00	-819.26	-5976.71	-98.43	749.27	607.89	1.23	PASS	
13725.00†	7056.51	-58.64	-6091.68	13799.89	7164.63	-821.54	-6074.31	-98.14	770.71	617.10	1.25	PASS	
13825.00†	7055.86	-44.46	-6190.65	13898.51	7164.26	-823.83	-6172.90	-97.94	787.07	626.33	1.26	PASS	
13925.00†	7055.20	-35.48	-6290.24	13997.86	7163.88	-826.15	-6272.22	-97.82	798.30	635.55	1.26	PASS	
14025.00†	7054.55	-31.73	-6390.15	14097.66	7163.50	-828.47	-6371.99	-97.78	804.37	644.74	1.25	PASS	
14092.27	7054.12	-32.15	-6457.41	14164.92	7163.25	-830.04	-6439.23	-97.79	805.53	650.87	1.24	PASS	
14125.00†	7053.91	-32.93	-6490.13	14197.65	7163.13	-830.80	-6471.95	-97.79	805.52	653.84	1.23	PASS	
14225.00†	7053.26	-35.31	-6590.10	14297.65	7162.75	-833.13	-6571.92	-97.81	805.51	662.92	1.22	PASS	
14325.00†	7052.62	-37.69	-6690.07	14397.65	7162.37	-835.46	-6671.90	-97.83	805.49	672.00	1.20	PASS	
14425.00†	7051.98	-40.08	-6790.04	14497.65	7161.99	-837.79	-6771.87	-97.85	805.47	681.08	1.18	PASS	
14525.00†	7051.33	-42.46	-6890.01	14597.65	7161.61	-840.12	-6871.84	-97.87	805.46	690.17	1.17	PASS	
14625.00†	7050.69	-44.84	-6989.98	14697.65	7161.23	-842.45	-6971.81	-97.89	805.44	699.25	1.15	PASS	
14725.00†	7050.04	-47.23	-7089.95	14797.65	7160.86	-844.78	-7071.78	-97.91	805.42	708.33	1.14	PASS	
14825.00†	7049.40	-49.61	-7189.92	14897.65	7160.48	-847.11	-7171.76	-97.93	805.41	717.42	1.12	PASS	
14925.00†	7048.76	-51.99	-7289.89	14997.65	7160.10	-849.44	-7271.73	-97.95	805.39	726.50	1.11	PASS	
15025.00†	7048.11	-54.38	-7389.86	15097.65	7159.72	-851.77	-7371.70	-97.97	805.37	735.58	1.09	PASS	
15125.00†	7047.47	-56.76	-7489.83	15197.65	7159.34	-854.10	-7471.67	-97.99	805.36	744.67	1.08	PASS	
15225.00†	7046.82	-59.14	-7589.80	15297.65	7158.96	-856.43	-7571.64	-98.00	805.34	753.75	1.07	PASS	
15325.00†	7046.18	-61.53	-7689.77	15397.65	7158.59	-858.76	-7671.61	-98.02	805.33	762.84	1.06	PASS	
15425.00†	7045.54	-63.91	-7789.74	15497.64	7158.21	-861.09	-7771.59	-98.04	805.31	771.92	1.04	PASS	
15525.00†	7044.89	-66.29	-7889.71	15597.64	7157.83	-863.42	-7871.56	-98.06	805.29	781.00	1.03	PASS	
15625.00†	7044.25	-68.68	-7989.68	15697.64	7157.45	-865.75	-7971.53	-98.08	805.28	790.09	1.02	PASS	
15725.00†	7043.60	-71.06	-8089.65	15797.64	7157.07	-868.08	-8071.50	-98.10	805.26	799.17	1.01	PASS	
15825.00†	7042.96	-73.44	-8189.62	15897.64	7156.69	-870.41	-8171.47	-98.12	805.25	808.26	1.00	FAIL	
15925.00†	7042.31	-75.83	-8289.59	15997.64	7156.32	-872.74	-8271.45	-98.14	805.23	817.34	0.99	FAIL	
16025.00†	7041.67	-78.21	-8389.56	16097.64	7155.94	-875.07	-8371.42	-98.16	805.22	826.42	0.97	FAIL	
16125.00†	7041.03	-80.59	-8489.53	16197.64	7155.56	-877.40	-8471.39	-98.18	805.20	835.51	0.96	FAIL	
16225.00†	7040.38	-82.98	-8589.49	16297.64	7155.18	-879.73	-8571.36	-98.20	805.19	844.59	0.95	FAIL	
16325.00†	7039.74	-85.36	-8689.46	16397.64	7154.80	-882.06	-8671.33	-98.22	805.17	853.67	0.94	FAIL	
16425.00†	7039.09	-87.74	-8789.43	16497.64	7154.42	-884.39	-8771.30	-98.24	805.16	862.76	0.93	FAIL	
16525.00†	7038.45	-90.13	-8889.40	16597.64	7154.05	-886.72	-8871.28	-98.26	805.14	871.84	0.92	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 65 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA - Offset Wellbore: DONN 31C-20-L2 PWB Offset Wellpath: DONN 31C-20-L2 PWP (REV-A.0)**

Facility: SEC.21-T06N-R66W Slot: SLOT#20 DONN 31C-20-L2 (878'FNL & 251'FEL, SEC.21) Well: DONN 31C-20-L2 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
16625.00†	7037.81	-92.51	-8989.37	16697.64	7153.67	-889.05	-8971.25	-98.27	805.13	880.92	0.91	FAIL	
16725.00†	7037.16	-94.89	-9089.34	16797.64	7153.29	-891.38	-9071.22	-98.29	805.11	890.01	0.90	FAIL	
16825.00†	7036.52	-97.28	-9189.31	16897.64	7152.91	-893.71	-9171.19	-98.31	805.10	899.09	0.90	FAIL	
16925.00†	7035.87	-99.66	-9289.28	16997.64	7152.53	-896.04	-9271.16	-98.33	805.08	908.17	0.89	FAIL	
17025.00†	7035.23	-102.04	-9389.25	17097.64	7152.15	-898.37	-9371.13	-98.35	805.07	917.25	0.88	FAIL	
17125.00†	7034.59	-104.43	-9489.22	17197.64	7151.78	-900.70	-9471.11	-98.37	805.06	926.33	0.87	FAIL	
17225.00†	7033.94	-106.81	-9589.19	17297.64	7151.40	-903.03	-9571.08	-98.39	805.04	935.41	0.86	FAIL	
17325.00†	7033.30	-109.19	-9689.16	17397.64	7151.02	-905.36	-9671.05	-98.41	805.03	944.49	0.85	FAIL	
17425.00†	7032.65	-111.58	-9789.13	17497.64	7150.64	-907.69	-9771.02	-98.43	805.01	953.57	0.84	FAIL	
17525.00†	7032.01	-113.96	-9889.10	17597.64	7150.26	-910.02	-9870.99	-98.45	805.00	962.65	0.84	FAIL	
17625.00†	7031.37	-116.34	-9989.07	17697.64	7149.88	-912.35	-9970.97	-98.47	804.98	971.73	0.83	FAIL	
17725.00†	7030.72	-118.73	-10089.04	17797.64	7149.50	-914.68	-10070.94	-98.49	804.97	980.81	0.82	FAIL	
17825.00†	7030.08	-121.11	-10189.01	17897.64	7149.13	-917.01	-10170.91	-98.51	804.96	989.88	0.81	FAIL	
17836.95	7030.00	-121.39	-10200.95	17909.58	7149.08	-917.29	-10182.86	-98.51	804.96	990.97	0.81	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY - Offset Wellbore: DONN 31C-20-L2 PWB Offset Wellpath: DONN 31C-20-L2 PWP (REV-A.0)**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS - Offset Wellbore: DONN 31C-20-L2 PWB Offset Wellpath: DONN 31C-20-L2 PWP (REV-A.0)**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	25.00	1736.99	-48.64	-0.51	-81.06	45.35
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1736.99	-48.64	-0.51	-81.06	45.35
8.5in Open Hole	1750.00	17931.08	16181.08	1736.99	7149.00	-81.06	45.35	-304.06	-3110.54

**SURVEY PROGRAM - Offset Wellbore: DONN 31C-20-L2 PWB Offset Wellpath: DONN 31C-20-L2 PWP (REV-A.0)**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 31C-20-L2 PWB
1750.00	17931.08	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 31C-20-L2 PWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: DONN 31C-20-L2 PWB Offset Wellpath: DONN 31C-20-L2 PWP (REV-A.0)**

MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 66 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 5N-20B-L PWB Offset Wellpath: DONN 5N-20B-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#21 DONN 5N-20B-L (898'FNL & 251'FEL, SEC.21) Well: DONN 5N-20B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	25.00	25.00	-99.82	-0.83	-179.52	99.83	1.56	164.77	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	-99.82	-0.83	-179.52	99.83	1.88	107.53	PASS	
225.00†	225.00	0.00	0.00	225.00	225.00	-99.82	-0.83	-179.52	99.83	2.45	66.49	PASS	
300.00	300.00	0.00	0.00	300.00	300.00	-99.82	-0.83	-179.52	99.83	2.90	51.15	PASS	
325.00†	325.00	0.02	0.11	324.43	324.43	-99.89	-0.76	100.16	99.92	3.04	47.59	PASS	
425.00†	424.96	0.46	2.69	422.10	422.06	-101.59	1.08	100.49	102.10	3.79	35.76	PASS	
525.00†	524.77	1.48	8.71	519.61	519.39	-105.52	5.35	101.20	107.19	4.78	27.81	PASS	
625.00†	624.30	3.09	18.15	616.81	616.17	-111.68	12.04	102.19	115.22	5.71	24.06	PASS	
660.88	659.93	3.81	22.38	651.59	650.71	-114.42	15.01	102.58	118.82	6.04	23.22	PASS	
725.00†	723.54	5.16	30.32	713.63	712.19	-120.02	21.09	103.14	126.03	6.62	22.11	PASS	
825.00†	822.75	7.27	42.70	810.57	807.88	-130.52	32.49	103.04	138.97	7.50	21.10	PASS	
925.00†	921.95	9.38	55.09	909.63	905.50	-141.97	44.92	102.64	152.58	8.33	20.57	PASS	
1025.00†	1021.16	11.49	67.48	1008.70	1003.11	-153.42	57.35	102.31	166.20	9.20	20.06	PASS	
1125.00†	1120.37	13.60	79.86	1107.76	1100.72	-164.87	69.78	102.02	179.83	10.09	19.59	PASS	
1225.00†	1219.58	15.71	92.25	1206.83	1198.33	-176.32	82.21	101.78	193.46	10.97	19.24	PASS	
1325.00†	1318.78	17.82	104.63	1305.89	1295.94	-187.77	94.64	101.57	207.09	11.91	18.83	PASS	
1425.00†	1417.99	19.93	117.02	1404.95	1393.55	-199.22	107.07	101.38	220.73	12.89	18.43	PASS	
1525.00†	1517.20	22.04	129.40	1504.02	1491.17	-210.67	119.50	101.22	234.36	13.84	18.12	PASS	
1625.00†	1616.41	24.15	141.79	1603.08	1588.78	-222.12	131.93	101.07	248.00	14.80	17.85	PASS	
1725.00†	1715.61	26.25	154.17	1702.14	1686.39	-233.56	144.36	100.94	261.64	15.77	17.61	PASS	
1825.00†	1814.82	28.36	166.56	1801.21	1784.00	-245.01	156.79	100.82	275.28	16.07	17.87	PASS	
1925.00†	1914.03	30.47	178.95	1900.27	1881.61	-256.46	169.22	100.72	288.92	16.21	18.59	PASS	
2025.00†	2013.24	32.58	191.33	1999.34	1979.22	-267.91	181.65	100.62	302.57	16.37	19.27	PASS	
2125.00†	2112.44	34.69	203.72	2098.40	2076.84	-279.36	194.08	100.53	316.21	16.61	19.84	PASS	
2225.00†	2211.65	36.80	216.10	2197.46	2174.45	-290.81	206.51	100.45	329.86	16.92	20.31	PASS	
2325.00†	2310.86	38.91	228.49	2296.53	2272.06	-302.26	218.94	100.37	343.50	17.29	20.67	PASS	
2425.00†	2410.07	41.02	240.87	2395.59	2369.67	-313.71	231.37	100.31	357.15	17.73	20.94	PASS	
2525.00†	2509.28	43.13	253.26	2494.65	2467.28	-325.16	243.80	100.24	370.79	18.23	21.12	PASS	
2625.00†	2608.48	45.24	265.64	2593.72	2564.89	-336.61	256.23	100.18	384.44	18.78	21.23	PASS	
2725.00†	2707.69	47.35	278.03	2692.78	2662.51	-348.06	268.66	100.13	398.09	19.38	21.28	PASS	
2825.00†	2806.90	49.46	290.41	2791.85	2760.12	-359.51	281.09	100.07	411.73	20.03	21.27	PASS	
2925.00†	2906.11	51.56	302.80	2890.91	2857.73	-370.95	293.52	100.03	425.38	20.72	21.22	PASS	
3025.00†	3005.31	53.67	315.19	2989.97	2955.34	-382.40	305.95	99.98	439.03	21.44	21.14	PASS	
3125.00†	3104.52	55.78	327.57	3089.04	3052.95	-393.85	318.38	99.94	452.68	22.19	21.03	PASS	
3225.00†	3203.73	57.89	339.96	3188.10	3150.56	-405.30	330.81	99.90	466.32	22.98	20.91	PASS	
3325.00†	3302.94	60.00	352.34	3287.16	3248.18	-416.75	343.24	99.86	479.97	23.79	20.76	PASS	
3425.00†	3402.14	62.11	364.73	3386.23	3345.79	-428.20	355.67	99.82	493.62	24.62	20.61	PASS	
3525.00†	3501.35	64.22	377.11	3485.29	3443.40	-439.65	368.10	99.79	507.27	25.48	20.45	PASS	
3625.00†	3600.56	66.33	389.50	3584.36	3541.01	-451.10	380.53	99.76	520.92	26.36	20.28	PASS	
3725.00†	3699.77	68.44	401.88	3683.42	3638.62	-462.55	392.96	99.73	534.57	27.25	20.12	PASS	
3825.00†	3798.97	70.55	414.27	3782.48	3736.23	-474.00	405.39	99.70	548.22	28.15	19.95	PASS	
3925.00†	3898.18	72.66	426.65	3881.55	3833.85	-485.45	417.82	99.67	561.87	29.08	19.78	PASS	
4025.00†	3997.39	74.76	439.04	3980.61	3931.46	-496.90	430.25	99.65	575.52	30.01	19.62	PASS	
4125.00†	4096.60	76.87	451.43	4079.67	4029.07	-508.34	442.68	99.62	589.17	30.96	19.45	PASS	
4225.00†	4195.80	78.98	463.81	4178.74	4126.68	-519.79	455.11	99.60	602.82	31.91	19.30	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 67 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 5N-20B-L PWB Offset Wellpath: DONN 5N-20B-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#21 DONN 5N-20B-L (898'FNL & 251'FEL, SEC.21) Well: DONN 5N-20B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4277.80	4224.29	-531.24	467.54	99.57	616.47	32.88	19.14	PASS	
4425.00†	4394.22	83.20	488.58	4376.87	4321.90	-542.69	479.97	99.55	630.12	33.85	18.99	PASS	
4525.00†	4493.43	85.31	500.97	4475.93	4419.52	-554.14	492.40	99.53	643.77	34.84	18.84	PASS	
4625.00†	4592.64	87.42	513.35	4574.99	4517.13	-565.59	504.83	99.51	657.42	35.83	18.70	PASS	
4725.00†	4691.84	89.53	525.74	4674.06	4614.74	-577.04	517.26	99.49	671.07	36.82	18.56	PASS	
4825.00†	4791.05	91.64	538.12	4773.12	4712.35	-588.49	529.69	99.47	684.72	37.83	18.43	PASS	
4925.00†	4890.26	93.75	550.51	4872.18	4809.96	-599.94	542.12	99.46	698.37	38.83	18.30	PASS	
5025.00†	4989.47	95.86	562.89	4971.25	4907.57	-611.39	554.55	99.44	712.02	39.85	18.17	PASS	
5125.00†	5088.67	97.97	575.28	5070.31	5005.19	-622.84	566.98	99.42	725.67	40.87	18.05	PASS	
5225.00†	5187.88	100.07	587.67	5169.38	5102.80	-634.29	579.41	99.41	739.32	41.89	17.94	PASS	
5325.00†	5287.09	102.18	600.05	5268.44	5200.41	-645.73	591.84	99.39	752.97	42.92	17.82	PASS	
5425.00†	5386.30	104.29	612.44	5367.50	5298.02	-657.18	604.27	99.38	766.62	43.95	17.71	PASS	
5525.00†	5485.50	106.40	624.82	5466.57	5395.63	-668.63	616.70	99.36	780.27	44.98	17.61	PASS	
5625.00†	5584.71	108.51	637.21	5565.63	5493.24	-680.08	629.13	99.35	793.92	46.02	17.51	PASS	
5725.00†	5683.92	110.62	649.59	5664.69	5590.86	-691.53	641.56	99.33	807.57	47.06	17.41	PASS	
5825.00†	5783.13	112.73	661.98	5763.76	5688.47	-702.98	653.99	99.32	821.22	48.11	17.31	PASS	
5925.00†	5882.33	114.84	674.36	5862.82	5786.08	-714.43	666.42	99.31	834.87	49.15	17.22	PASS	
6025.00†	5981.54	116.95	686.75	5961.89	5883.69	-725.88	678.85	99.30	848.52	50.20	17.13	PASS	
6125.00†	6080.75	119.06	699.13	6060.95	5981.30	-737.33	691.28	99.29	862.17	51.26	17.04	PASS	
6225.00†	6179.96	121.17	711.52	6160.01	6078.91	-748.78	703.71	99.27	875.83	52.31	16.96	PASS	
6325.00†	6279.17	123.27	723.91	6259.08	6176.53	-760.23	716.14	99.26	889.48	53.37	16.88	PASS	
6425.00†	6378.37	125.38	736.29	6358.14	6274.14	-771.68	728.57	99.25	903.13	54.43	16.80	PASS	
6428.02	6381.37	125.45	736.66	6361.13	6277.09	-772.02	728.94	99.25	903.54	54.46	16.80	PASS	
6525.00†	6478.12	127.33	741.32	6454.83	6369.61	-782.93	738.53	-121.71	916.71	55.58	16.69	PASS	
6625.00†	6577.44	128.90	730.68	6550.40	6464.36	-794.41	735.47	-93.16	930.22	57.07	16.49	PASS	
6725.00†	6673.88	130.05	704.65	6647.08	6558.60	-806.18	717.89	-89.89	943.39	58.53	16.30	PASS	
6825.00†	6765.06	130.75	663.85	6745.05	6650.24	-818.00	685.64	-88.33	955.93	59.76	16.18	PASS	
6925.00†	6848.75	130.99	609.29	6844.44	6737.04	-829.60	638.85	-87.34	967.51	61.18	15.99	PASS	
7025.00†	6922.87	130.76	542.32	6945.38	6816.67	-840.67	577.98	-86.65	977.87	63.10	15.66	PASS	
7125.00†	6985.61	130.07	464.59	7047.91	6886.71	-850.91	503.96	-86.18	986.74	65.80	15.15	PASS	
7225.00†	7035.42	128.94	378.00	7152.04	6944.80	-859.99	418.17	-85.90	993.88	68.91	14.56	PASS	
7325.00†	7071.07	127.38	284.70	7257.65	6988.73	-867.61	322.55	-85.78	999.11	73.67	13.68	PASS	
7425.00†	7091.69	125.45	186.97	7364.61	7016.59	-873.48	219.59	-85.82	1002.28	78.67	12.85	PASS	
7511.52	7097.00	123.50	100.71	7458.03	7026.62	-876.95	126.85	-85.98	1003.27	83.32	12.14	PASS	
7525.00†	7096.91	123.18	87.23	7472.66	7026.97	-877.35	112.24	-86.00	1003.28	84.06	12.03	PASS	
7625.00†	7096.26	120.81	-12.74	7573.59	7026.43	-879.74	11.34	-86.01	1003.27	89.74	11.26	PASS	
7725.00†	7095.61	118.43	-112.71	7673.59	7025.79	-882.10	-88.63	-86.01	1003.26	95.93	10.53	PASS	
7825.00†	7094.96	116.05	-212.68	7773.59	7025.15	-884.47	-188.60	-86.01	1003.24	102.57	9.84	PASS	
7925.00†	7094.31	113.68	-312.65	7873.59	7024.51	-886.83	-288.57	-86.01	1003.22	109.59	9.21	PASS	
8025.00†	7093.66	111.30	-412.62	7973.59	7023.87	-889.19	-388.54	-86.01	1003.21	116.91	8.63	PASS	
8125.00†	7093.01	108.92	-512.59	8073.59	7023.23	-891.55	-488.51	-86.01	1003.19	124.49	8.10	PASS	
8225.00†	7092.36	106.55	-612.56	8173.59	7022.59	-893.91	-588.48	-86.01	1003.17	132.27	7.62	PASS	
8325.00†	7091.70	104.17	-712.53	8273.59	7021.95	-896.27	-688.46	-86.01	1003.16	140.23	7.18	PASS	
8425.00†	7091.05	101.79	-812.50	8373.59	7021.30	-898.63	-788.43	-86.01	1003.14	148.34	6.79	PASS	
8525.00†	7090.40	99.41	-912.47	8473.59	7020.66	-900.99	-888.40	-86.01	1003.13	156.57	6.43	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 68 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 5N-20B-L PWB Offset Wellpath: DONN 5N-20B-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#21 DONN 5N-20B-L (898'FNL & 251'FEL, SEC.21) Well: DONN 5N-20B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	8573.59	7020.02	-903.36	-988.37	-86.01	1003.11	164.90	6.11	PASS	
8725.00†	7089.10	94.66	-1112.41	8673.59	7019.38	-905.72	-1088.34	-86.02	1003.09	173.32	5.81	PASS	
8825.00†	7088.45	92.28	-1212.38	8773.59	7018.74	-908.08	-1188.31	-86.02	1003.08	181.82	5.53	PASS	
8861.52	7088.21	91.42	-1248.88	8810.11	7018.51	-908.94	-1224.81	-86.02	1003.07	184.94	5.44	PASS	
8925.00†	7087.80	88.85	-1312.31	8873.58	7018.10	-910.44	-1288.26	-86.02	1002.01	190.37	5.28	PASS	
9025.00†	7087.14	80.54	-1411.95	8973.39	7017.46	-912.80	-1388.04	-86.01	996.07	198.93	5.02	PASS	
9125.00†	7086.49	67.03	-1511.02	9072.75	7016.83	-915.14	-1487.38	-85.96	984.92	207.46	4.76	PASS	
9216.11	7085.90	50.22	-1600.55	9162.66	7016.25	-917.26	-1577.26	-85.88	970.27	215.14	4.52	PASS	
9225.00†	7085.84	48.37	-1609.25	9171.40	7016.19	-917.47	-1585.99	-85.88	968.63	215.89	4.50	PASS	
9316.11	7085.25	29.43	-1698.37	9260.94	7015.62	-919.58	-1675.51	-85.80	951.84	223.51	4.27	PASS	
9325.00†	7085.19	27.60	-1707.07	9269.68	7015.57	-919.79	-1684.25	-85.80	950.22	224.26	4.25	PASS	
9425.00†	7084.53	9.84	-1805.47	9368.47	7014.93	-922.12	-1783.01	-85.74	934.83	232.76	4.03	PASS	
9525.00†	7083.88	-2.75	-1904.66	9467.93	7014.30	-924.47	-1882.44	-85.70	924.61	241.45	3.84	PASS	
9625.00†	7083.23	-10.13	-2004.37	9567.80	7013.66	-926.83	-1982.27	-85.67	919.60	250.26	3.68	PASS	
9674.43	7082.91	-11.85	-2053.77	9617.22	7013.34	-928.00	-2031.69	-85.66	919.05	254.64	3.62	PASS	
9725.00†	7082.58	-12.95	-2104.32	9667.79	7013.02	-929.19	-2082.24	-85.66	919.14	259.14	3.55	PASS	
9825.00†	7081.93	-15.13	-2204.30	9767.79	7012.37	-931.55	-2182.21	-85.66	919.32	268.03	3.44	PASS	
9925.00†	7081.27	-17.31	-2304.27	9867.79	7011.73	-933.91	-2282.18	-85.66	919.50	276.95	3.33	PASS	
10025.00†	7080.62	-19.49	-2404.25	9967.79	7011.09	-936.27	-2382.15	-85.66	919.68	285.88	3.22	PASS	
10125.00†	7079.97	-21.68	-2504.22	10067.79	7010.45	-938.64	-2482.12	-85.67	919.86	294.83	3.13	PASS	
10225.00†	7079.32	-23.86	-2604.19	10167.79	7009.81	-941.00	-2582.09	-85.67	920.04	303.80	3.03	PASS	
10325.00†	7078.67	-26.04	-2704.17	10267.79	7009.17	-943.36	-2682.06	-85.67	920.21	312.78	2.95	PASS	
10425.00†	7078.02	-28.22	-2804.14	10367.79	7008.53	-945.72	-2782.03	-85.67	920.39	321.78	2.86	PASS	
10525.00†	7077.37	-30.40	-2904.12	10467.79	7007.89	-948.08	-2882.00	-85.67	920.57	330.78	2.79	PASS	
10625.00†	7076.72	-32.58	-3004.09	10567.79	7007.25	-950.44	-2981.97	-85.67	920.75	339.80	2.71	PASS	
10725.00†	7076.07	-34.76	-3104.07	10667.79	7006.61	-952.80	-3081.94	-85.67	920.93	348.83	2.64	PASS	
10825.00†	7075.42	-36.95	-3204.04	10767.79	7005.97	-955.16	-3181.91	-85.68	921.11	357.86	2.58	PASS	
10925.00†	7074.76	-39.13	-3304.01	10867.79	7005.33	-957.53	-3281.88	-85.68	921.28	366.91	2.51	PASS	
11025.00†	7074.11	-41.31	-3403.99	10967.79	7004.69	-959.89	-3381.85	-85.68	921.46	375.96	2.45	PASS	
11125.00†	7073.46	-43.49	-3503.96	11067.79	7004.05	-962.25	-3481.82	-85.68	921.64	385.01	2.38	PASS	
11174.43	7073.14	-44.57	-3553.38	11238.85	7002.94	-949.36	-3652.47	-85.60	912.90	391.30	2.34	PASS	
11225.00†	7072.81	-46.34	-3603.92	11333.68	7002.33	-936.65	-3746.43	-85.51	904.40	394.77	2.29	PASS	
11249.77	7072.65	-47.70	-3628.64	11379.27	7002.04	-928.88	-3791.36	-85.45	898.86	396.09	2.27	PASS	
11325.00†	7072.16	-52.30	-3703.73	11475.37	7001.42	-909.56	-3885.49	-85.32	879.16	401.42	2.19	PASS	
11425.00†	7071.51	-58.42	-3803.54	11571.72	7000.81	-889.52	-3979.74	-85.17	852.50	410.10	2.08	PASS	
11525.00†	7070.86	-64.55	-3903.36	11656.48	7000.26	-872.09	-4062.68	-85.03	826.13	419.56	1.97	PASS	
11625.00†	7070.21	-70.67	-4003.17	11724.68	6999.82	-860.05	-4129.80	-84.93	802.56	429.96	1.87	PASS	
11725.00†	7069.56	-76.79	-4102.98	11793.98	6999.37	-850.27	-4198.41	-84.84	782.50	440.00	1.78	PASS	
11825.00†	7068.91	-82.91	-4202.79	11864.24	6998.91	-842.91	-4268.28	-84.76	766.02	449.62	1.70	PASS	
11925.00†	7068.25	-89.04	-4302.60	11935.28	6998.45	-838.09	-4339.14	-84.69	753.19	458.76	1.64	PASS	
12025.00†	7067.60	-95.16	-4402.41	12006.91	6997.98	-835.90	-4410.73	-84.64	744.05	467.35	1.59	PASS	
12125.00†	7066.95	-101.28	-4502.22	12078.93	6997.50	-836.40	-4482.75	-84.62	738.65	475.34	1.55	PASS	
12225.00†	7066.30	-107.40	-4602.03	12151.15	6997.02	-839.63	-4554.88	-84.61	737.01	482.70	1.53	PASS	
12325.00†	7065.65	-113.52	-4701.84	12223.35	6996.55	-845.59	-4626.84	-84.62	739.13	489.39	1.51	PASS	
12425.00†	7065.00	-119.65	-4801.65	12295.34	6996.07	-854.23	-4698.30	-84.65	745.01	495.36	1.50	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
**DONN 4N-20C-L PWP (REV-B.0)**  
**Closest Approach**  
Page 69 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA - Offset Wellbore: DONN 5N-20B-L PWB Offset Wellpath: DONN 5N-20B-L PWP (REV-B.0)**

Facility: SEC.21-T06N-R66W Slot: SLOT#21 DONN 5N-20B-L (898'FNL & 251'FEL, SEC.21) Well: DONN 5N-20B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	12366.90	6995.61	-865.48	-4768.96	-84.70	754.62	500.61	1.51	PASS	
12625.00†	7063.70	-131.89	-5001.27	12437.85	6995.14	-879.24	-4838.56	-84.76	767.93	505.12	1.52	PASS	
12725.00†	7063.05	-138.01	-5101.08	12508.00	6994.69	-895.38	-4906.82	-84.84	784.87	508.90	1.54	PASS	
12825.00†	7062.40	-144.13	-5200.89	12583.18	6994.21	-915.34	-4979.29	-84.94	805.30	513.16	1.57	PASS	
12925.00†	7061.74	-150.26	-5300.70	12694.42	6993.49	-945.75	-5086.30	-85.09	826.71	524.49	1.58	PASS	
12949.77	7061.58	-151.77	-5325.42	12737.28	6993.22	-956.42	-5127.80	-85.14	831.37	530.05	1.57	PASS	
13025.00†	7061.09	-154.90	-5400.58	12869.14	6992.37	-983.36	-5256.86	-85.22	843.63	545.61	1.55	PASS	
13125.00†	7060.44	-154.47	-5500.57	13047.43	6991.23	-1005.50	-5433.70	-85.30	856.46	562.79	1.52	PASS	
13225.00†	7059.78	-148.80	-5600.39	13193.45	6990.30	-1011.76	-5579.56	-85.33	866.00	574.56	1.51	PASS	
13325.00†	7059.12	-137.92	-5699.79	13292.56	6989.67	-1014.10	-5678.64	-85.35	879.18	583.73	1.51	PASS	
13425.00†	7058.47	-121.86	-5798.47	13390.84	6989.05	-1016.42	-5776.89	-85.38	897.52	592.84	1.51	PASS	
13506.75	7057.93	-104.90	-5878.44	13470.39	6988.55	-1018.30	-5856.41	-85.42	916.30	600.21	1.53	PASS	
13525.00†	7057.81	-100.73	-5896.20	13488.03	6988.44	-1018.72	-5874.07	-85.44	920.87	601.85	1.53	PASS	
13606.75	7057.28	-82.06	-5975.79	13567.18	6987.93	-1020.59	-5953.17	-85.54	941.36	609.18	1.55	PASS	
13625.00†	7057.16	-77.98	-5993.58	13584.86	6987.82	-1021.01	-5970.85	-85.57	945.84	610.81	1.55	PASS	
13725.00†	7056.51	-58.64	-6091.68	13682.48	6987.20	-1023.31	-6068.44	-85.74	967.44	619.85	1.56	PASS	
13825.00†	7055.86	-44.46	-6190.65	13781.09	6986.58	-1025.64	-6167.02	-85.87	983.91	628.98	1.56	PASS	
13925.00†	7055.20	-35.48	-6290.24	13880.44	6985.95	-1027.99	-6266.34	-85.96	995.21	638.17	1.56	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY - Offset Wellbore: DONN 5N-20B-L PWB Offset Wellpath: DONN 5N-20B-L PWP (REV-B.0)**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS - Offset Wellbore: DONN 5N-20B-L PWB Offset Wellpath: DONN 5N-20B-L PWP (REV-B.0)**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	25.00	1733.54	-60.85	-0.51	-103.30	45.58
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1733.54	-60.85	-0.51	-103.30	45.58
8.5in Open Hole	1750.00	17820.26	16070.26	1733.54	6961.00	-103.30	45.58	-372.13	-3110.73

**SURVEY PROGRAM - Offset Wellbore: DONN 5N-20B-L PWB Offset Wellpath: DONN 5N-20B-L PWP (REV-B.0)**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 5N-20B-L PWB
1750.00	17820.26	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 5N-20B-L PWB

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 70 of 190



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: DONN 5N-20B-L PWB    Offset Wellpath: DONN 5N-20B-L PWP (REV-B.0)	
MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 71 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LINDBLAD 20-25X AWB Offset Wellpath: EX. LINDBLAD 20-25X AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#08 EX. LINDBLAD 20-25X (1304'FNL & 1398'FWL, PR, NB/CD) Well: EX. LINDBLAD 20-25X Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	19.00	25.00	-662.16	-8953.71	-94.23	8978.16	25.57	364.90	PASS	
125.00†	125.00	0.00	0.00	119.00	125.00	-662.16	-8953.71	-94.23	8978.16	25.57	364.86	PASS	
225.00†	225.00	0.00	0.00	219.00	225.00	-662.16	-8953.71	-94.23	8978.16	25.58	364.76	PASS	
300.00	300.00	0.00	0.00	294.00	300.00	-662.16	-8953.71	-94.23	8978.16	25.58	364.64	PASS	
325.00†	325.00	0.02	0.11	319.00	325.00	-662.16	-8953.71	-174.57	8978.27	25.59	364.60	PASS	
425.00†	424.96	0.46	2.69	418.96	424.96	-662.16	-8953.71	-174.56	8980.88	25.62	364.23	PASS	
525.00†	524.77	1.48	8.71	518.77	524.77	-662.16	-8953.71	-174.55	8986.95	25.70	363.28	PASS	
625.00†	624.30	3.09	18.15	618.30	624.30	-662.16	-8953.71	-174.54	8996.50	25.79	362.41	PASS	
660.88	659.93	3.81	22.38	653.93	659.93	-662.16	-8953.71	-174.54	9000.76	25.81	362.23	PASS	
725.00†	723.54	5.16	30.32	717.54	723.54	-662.16	-8953.71	-174.54	9008.78	25.83	362.26	PASS	
825.00†	822.75	7.27	42.70	816.75	822.75	-662.16	-8953.71	-174.55	9021.29	25.86	362.29	PASS	
925.00†	921.95	9.38	55.09	915.95	921.95	-662.16	-8953.71	-174.56	9033.80	25.90	362.24	PASS	
1025.00†	1021.16	11.49	67.48	1015.16	1021.16	-662.16	-8953.71	-174.56	9046.30	25.94	362.13	PASS	
1125.00†	1120.37	13.60	79.86	1114.37	1120.37	-662.16	-8953.71	-174.57	9058.81	25.99	361.96	PASS	
1225.00†	1219.58	15.71	92.25	1213.58	1219.58	-662.16	-8953.71	-174.58	9071.32	26.04	361.71	PASS	
1325.00†	1318.78	17.82	104.63	1312.78	1318.78	-662.16	-8953.71	-174.59	9083.83	26.10	361.40	PASS	
1425.00†	1417.99	19.93	117.02	1411.99	1417.99	-662.16	-8953.71	-174.59	9096.34	26.16	361.03	PASS	
1525.00†	1517.20	22.04	129.40	1511.20	1517.20	-662.16	-8953.71	-174.60	9108.85	26.22	360.60	PASS	
1625.00†	1616.41	24.15	141.79	1610.41	1616.41	-662.16	-8953.71	-174.61	9121.36	26.29	360.10	PASS	
1725.00†	1715.61	26.25	154.17	1709.61	1715.61	-662.16	-8953.71	-174.62	9133.86	26.36	359.54	PASS	
1825.00†	1814.82	28.36	166.56	1808.82	1814.82	-662.16	-8953.71	-174.62	9146.37	26.15	359.45	PASS	
1925.00†	1914.03	30.47	178.95	1908.03	1914.03	-662.16	-8953.71	-174.63	9158.88	26.16	359.77	PASS	
2025.00†	2013.24	32.58	191.33	2007.24	2013.24	-662.16	-8953.71	-174.64	9171.39	26.19	359.92	PASS	
2125.00†	2112.44	34.69	203.72	2106.44	2112.44	-662.16	-8953.71	-174.65	9183.90	26.22	359.91	PASS	
2225.00†	2211.65	36.80	216.10	2205.65	2211.65	-662.16	-8953.71	-174.65	9196.41	26.27	359.75	PASS	
2325.00†	2310.86	38.91	228.49	2304.86	2310.86	-662.16	-8953.71	-174.66	9208.92	26.33	359.43	PASS	
2425.00†	2410.07	41.02	240.87	2404.07	2410.07	-662.16	-8953.71	-174.67	9221.43	26.40	358.95	PASS	
2525.00†	2509.28	43.13	253.26	2503.28	2509.28	-662.16	-8953.71	-174.67	9233.94	26.48	358.32	PASS	
2625.00†	2608.48	45.24	265.64	2602.48	2608.48	-662.16	-8953.71	-174.68	9246.45	26.57	357.55	PASS	
2725.00†	2707.69	47.35	278.03	2701.69	2707.69	-662.16	-8953.71	-174.69	9258.96	26.67	356.63	PASS	
2825.00†	2806.90	49.46	290.41	2800.90	2806.90	-662.16	-8953.71	-174.70	9271.47	26.78	355.57	PASS	
2925.00†	2906.11	51.56	302.80	2900.11	2906.11	-662.16	-8953.71	-174.70	9283.99	26.90	354.38	PASS	
3025.00†	3005.31	53.67	315.19	2999.31	3005.31	-662.16	-8953.71	-174.71	9296.50	27.04	353.06	PASS	
3125.00†	3104.52	55.78	327.57	3098.52	3104.52	-662.16	-8953.71	-174.72	9309.01	27.18	351.62	PASS	
3225.00†	3203.73	57.89	339.96	3197.73	3203.73	-662.16	-8953.71	-174.72	9321.52	27.33	350.06	PASS	
3325.00†	3302.94	60.00	352.34	3296.94	3302.94	-662.16	-8953.71	-174.73	9334.03	27.50	348.38	PASS	
3425.00†	3402.14	62.11	364.73	3396.14	3402.14	-662.16	-8953.71	-174.74	9346.54	27.67	346.61	PASS	
3525.00†	3501.35	64.22	377.11	3495.35	3501.35	-662.16	-8953.71	-174.75	9359.05	27.86	344.73	PASS	
3625.00†	3600.56	66.33	389.50	3594.56	3600.56	-662.16	-8953.71	-174.75	9371.57	28.05	342.76	PASS	
3725.00†	3699.77	68.44	401.88	3693.77	3699.77	-662.16	-8953.71	-174.76	9384.08	28.25	340.70	PASS	
3825.00†	3798.97	70.55	414.27	3792.97	3798.97	-662.16	-8953.71	-174.77	9396.59	28.46	338.57	PASS	
3925.00†	3898.18	72.66	426.65	3892.18	3898.18	-662.16	-8953.71	-174.77	9409.10	28.68	336.36	PASS	
4025.00†	3997.39	74.76	439.04	3991.39	3997.39	-662.16	-8953.71	-174.78	9421.61	28.91	334.08	PASS	
4125.00†	4096.60	76.87	451.43	4090.60	4096.60	-662.16	-8953.71	-174.79	9434.13	29.14	331.75	PASS	
4225.00†	4195.80	78.98	463.81	4189.80	4195.80	-662.16	-8953.71	-174.80	9446.64	29.39	329.36	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 72 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LINDBLAD 20-25X AWB Offset Wellpath: EX. LINDBLAD 20-25X AWP

Facility: SEC.20-T06N-R66W				Slot: SLOT#08 EX. LINDBLAD 20-25X (1304'FNL & 1398'FWL, PR, NB/CD)				Well: EX. LINDBLAD 20-25X		Threshold Value=1.00 † = Interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status		
4325.00†	4295.01	81.09	476.20	4289.01	4295.01	-662.16	-8953.71	-174.80	9459.15	29.64	326.91	PASS		
4425.00†	4394.22	83.20	488.58	4388.22	4394.22	-662.16	-8953.71	-174.81	9471.67	29.90	324.43	PASS		
4525.00†	4493.43	85.31	500.97	4487.43	4493.43	-662.16	-8953.71	-174.82	9484.18	30.17	321.90	PASS		
4625.00†	4592.64	87.42	513.35	4586.64	4592.64	-662.16	-8953.71	-174.82	9496.69	30.44	319.34	PASS		
4725.00†	4691.84	89.53	525.74	4685.84	4691.84	-662.16	-8953.71	-174.83	9509.21	30.73	316.76	PASS		
4825.00†	4791.05	91.64	538.12	4785.05	4791.05	-662.16	-8953.71	-174.84	9521.72	51.95	185.82	PASS		
4925.00†	4890.26	93.75	550.51	4884.26	4890.26	-662.16	-8953.71	-174.84	9534.23	56.36	171.30	PASS		
5025.00†	4989.47	95.86	562.89	4983.47	4989.47	-662.16	-8953.71	-174.85	9546.75	57.82	167.13	PASS		
5125.00†	5088.67	97.97	575.28	5082.67	5088.67	-662.16	-8953.71	-174.86	9559.26	59.96	161.32	PASS		
5225.00†	5187.88	100.07	587.67	5181.88	5187.88	-662.16	-8953.71	-174.86	9571.77	62.65	154.52	PASS		
5325.00†	5287.09	102.18	600.05	5281.09	5287.09	-662.16	-8953.71	-174.87	9584.29	65.77	147.29	PASS		
5425.00†	5386.30	104.29	612.44	5380.30	5386.30	-662.16	-8953.71	-174.88	9596.80	69.24	140.02	PASS		
5525.00†	5485.50	106.40	624.82	5479.50	5485.50	-662.16	-8953.71	-174.88	9609.32	72.96	132.98	PASS		
5625.00†	5584.71	108.51	637.21	5578.71	5584.71	-662.16	-8953.71	-174.89	9621.83	76.89	126.30	PASS		
5725.00†	5683.92	110.62	649.59	5677.92	5683.92	-662.16	-8953.71	-174.90	9634.35	80.97	120.03	PASS		
5825.00†	5783.13	112.73	661.98	5777.13	5783.13	-662.16	-8953.71	-174.90	9646.86	85.17	114.21	PASS		
5925.00†	5882.33	114.84	674.36	5876.33	5882.33	-662.16	-8953.71	-174.91	9659.38	89.47	108.82	PASS		
6025.00†	5981.54	116.95	686.75	5975.54	5981.54	-662.16	-8953.71	-174.92	9671.89	93.84	103.84	PASS		
6125.00†	6080.75	119.06	699.13	6074.75	6080.75	-662.16	-8953.71	-174.92	9684.41	98.28	99.24	PASS		
6225.00†	6179.96	121.17	711.52	6173.96	6179.96	-662.16	-8953.71	-174.93	9696.92	102.78	95.00	PASS		
6325.00†	6279.17	123.27	723.91	6273.17	6279.17	-662.16	-8953.71	-174.94	9709.44	107.32	91.07	PASS		
6425.00†	6378.37	125.38	736.29	6372.37	6378.37	-662.16	-8953.71	-174.94	9721.95	111.89	87.43	PASS		
6428.02	6381.37	125.45	736.66	6375.37	6381.37	-662.16	-8953.71	-174.94	9722.33	112.03	87.33	PASS		
6525.00†	6478.12	127.33	741.32	6472.12	6478.12	-662.16	-8953.71	-36.76	9727.12	116.51	83.99	PASS		
6625.00†	6577.44	128.90	730.68	6571.44	6577.44	-662.16	-8953.71	-9.06	9716.65	121.34	80.54	PASS		
6725.00†	6673.88	130.05	704.65	6667.88	6673.88	-662.16	-8953.71	-6.66	9690.79	126.63	76.95	PASS		
6825.00†	6765.06	130.75	663.85	6759.06	6765.06	-662.16	-8953.71	-6.01	9650.19	131.50	73.78	PASS		
6925.00†	6848.75	130.99	609.29	6842.75	6848.75	-662.16	-8953.71	-5.98	9595.84	135.89	70.98	PASS		
7025.00†	6922.87	130.76	542.32	6916.87	6922.87	-662.16	-8953.71	-6.40	9529.08	139.70	68.55	PASS		
7125.00†	6985.61	130.07	464.59	6979.61	6985.61	-662.16	-8953.71	-7.35	9451.56	142.86	66.48	PASS		
7225.00†	7035.42	128.94	378.00	7029.42	7035.42	-662.16	-8953.71	-9.23	9365.19	145.31	64.76	PASS		
7325.00†	7071.07	127.38	284.70	7065.07	7071.07	-662.16	-8953.71	-13.36	9272.09	147.02	63.37	PASS		
7425.00†	7091.69	125.45	186.97	7085.69	7091.69	-662.16	-8953.71	-26.66	9174.55	147.99	62.29	PASS		
7511.52	7097.00	123.50	100.71	7091.00	7097.00	-662.16	-8953.71	-95.91	9088.44	148.24	61.60	PASS		
7525.00†	7096.91	123.18	87.23	7090.91	7096.91	-662.16	-8953.71	-95.90	9074.98	148.24	61.51	PASS		
7625.00†	7096.26	120.81	-12.74	7090.26	7096.26	-662.16	-8953.71	-95.84	8975.18	148.23	60.83	PASS		
7725.00†	7095.61	118.43	-112.71	7089.61	7095.61	-662.16	-8953.71	-95.77	8875.39	148.22	60.16	PASS		
7825.00†	7094.96	116.05	-212.68	7088.96	7094.96	-662.16	-8953.71	-95.71	8775.60	148.22	59.49	PASS		
7925.00†	7094.31	113.68	-312.65	7088.31	7094.31	-662.16	-8953.71	-95.64	8675.82	148.22	58.81	PASS		
8025.00†	7093.66	111.30	-412.62	7087.66	7093.66	-662.16	-8953.71	-95.58	8576.04	148.22	58.13	PASS		
8125.00†	7093.01	108.92	-512.59	7087.01	7093.01	-662.16	-8953.71	-95.52	8476.26	148.23	57.45	PASS		
8225.00†	7092.36	106.55	-612.56	7086.36	7092.36	-662.16	-8953.71	-95.45	8376.50	148.25	56.77	PASS		
8325.00†	7091.70	104.17	-712.53	7085.70	7091.70	-662.16	-8953.71	-95.39	8276.73	148.27	56.09	PASS		
8425.00†	7091.05	101.79	-812.50	7085.05	7091.05	-662.16	-8953.71	-95.32	8176.98	148.30	55.40	PASS		
8525.00†	7090.40	99.41	-912.47	7084.40	7090.40	-662.16	-8953.71	-95.26	8077.22	148.33	54.71	PASS		

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 73 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LINDBLAD 20-25X AWP Offset Wellpath: EX. LINDBLAD 20-25X AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#08 EX. LINDBLAD 20-25X (1304'FNL & 1398'FWL, PR, NB/CD) Well: EX. LINDBLAD 20-25X Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7083.75	7089.75	-662.16	-8953.71	-95.19	7977.48	148.36	54.02	PASS	
8725.00†	7089.10	94.66	-1112.41	7083.10	7089.10	-662.16	-8953.71	-95.13	7877.74	148.41	53.33	PASS	
8825.00†	7088.45	92.28	-1212.38	7082.45	7088.45	-662.16	-8953.71	-95.06	7778.01	148.46	52.64	PASS	
8861.52	7088.21	91.42	-1248.88	7082.21	7088.21	-662.16	-8953.71	-95.04	7741.59	148.48	52.38	PASS	
8925.00†	7087.80	88.85	-1312.31	7081.80	7087.80	-662.16	-8953.71	-99.05	7678.22	148.51	51.95	PASS	
9025.00†	7087.14	80.54	-1411.95	7081.14	7087.14	-662.16	-8953.71	120.25	7578.24	148.51	51.27	PASS	
9125.00†	7086.49	67.03	-1511.02	7080.49	7086.49	-662.16	-8953.71	95.81	7478.32	148.47	50.61	PASS	
9216.11	7085.90	50.22	-1600.55	7079.90	7085.90	-662.16	-8953.71	93.29	7387.58	148.39	50.02	PASS	
9225.00†	7085.84	48.37	-1609.25	7079.84	7085.84	-662.16	-8953.71	93.28	7378.75	148.38	49.96	PASS	
9316.11	7085.25	29.43	-1698.37	7079.25	7085.25	-662.16	-8953.71	93.24	7288.23	148.29	49.38	PASS	
9325.00†	7085.19	27.60	-1707.07	7079.19	7085.19	-662.16	-8953.71	93.38	7279.39	148.28	49.32	PASS	
9425.00†	7084.53	9.84	-1805.47	7078.53	7084.53	-662.16	-8953.71	96.35	7179.76	148.22	48.67	PASS	
9525.00†	7083.88	-2.75	-1904.66	7077.88	7083.88	-662.16	-8953.71	133.93	7079.83	148.19	48.00	PASS	
9625.00†	7083.23	-10.13	-2004.37	7077.23	7083.23	-662.16	-8953.71	-98.09	6979.86	148.21	47.32	PASS	
9674.43	7082.91	-11.85	-2053.77	7076.91	7082.91	-662.16	-8953.71	-95.15	6930.52	148.23	46.97	PASS	
9725.00†	7082.58	-12.95	-2104.32	7076.58	7082.58	-662.16	-8953.71	-95.11	6880.09	148.26	46.62	PASS	
9825.00†	7081.93	-15.13	-2204.30	7075.93	7081.93	-662.16	-8953.71	-95.04	6780.36	148.32	45.93	PASS	
9925.00†	7081.27	-17.31	-2304.27	7075.27	7081.27	-662.16	-8953.71	-94.96	6680.63	148.40	45.23	PASS	
10025.00†	7080.62	-19.49	-2404.25	7074.62	7080.62	-662.16	-8953.71	-94.89	6580.92	148.48	44.53	PASS	
10125.00†	7079.97	-21.68	-2504.22	7073.97	7079.97	-662.16	-8953.71	-94.81	6481.21	148.57	43.83	PASS	
10225.00†	7079.32	-23.86	-2604.19	7073.32	7079.32	-662.16	-8953.71	-94.74	6381.52	148.67	43.12	PASS	
10325.00†	7078.67	-26.04	-2704.17	7072.67	7078.67	-662.16	-8953.71	-94.66	6281.83	148.79	42.42	PASS	
10425.00†	7078.02	-28.22	-2804.14	7072.02	7078.02	-662.16	-8953.71	-94.59	6182.16	148.91	41.71	PASS	
10525.00†	7077.37	-30.40	-2904.12	7071.37	7077.37	-662.16	-8953.71	-94.52	6082.49	149.05	41.00	PASS	
10625.00†	7076.72	-32.58	-3004.09	7070.72	7076.72	-662.16	-8953.71	-94.44	5982.84	149.20	40.29	PASS	
10725.00†	7076.07	-34.76	-3104.07	7070.07	7076.07	-662.16	-8953.71	-94.37	5883.19	149.36	39.57	PASS	
10825.00†	7075.42	-36.95	-3204.04	7069.42	7075.42	-662.16	-8953.71	-94.29	5783.56	149.54	38.85	PASS	
10925.00†	7074.76	-39.13	-3304.01	7068.76	7074.76	-662.16	-8953.71	-94.22	5683.95	149.74	38.13	PASS	
11025.00†	7074.11	-41.31	-3403.99	7068.11	7074.11	-662.16	-8953.71	-94.15	5584.34	149.95	37.41	PASS	
11125.00†	7073.46	-43.49	-3503.96	7067.46	7073.46	-662.16	-8953.71	-94.07	5484.75	150.19	36.69	PASS	
11174.43	7073.14	-44.57	-3553.38	7067.14	7073.14	-662.16	-8953.71	-94.03	5435.53	150.31	36.33	PASS	
11225.00†	7072.81	-46.34	-3603.92	7066.81	7072.81	-662.16	-8953.71	-95.60	5385.12	150.42	35.97	PASS	
11249.77	7072.65	-47.70	-3628.64	7066.65	7072.65	-662.16	-8953.71	-96.92	5360.40	150.46	35.79	PASS	
11325.00†	7072.16	-52.30	-3703.73	7066.16	7072.16	-662.16	-8953.71	-96.82	5285.28	150.59	35.26	PASS	
11425.00†	7071.51	-58.42	-3803.54	7065.51	7071.51	-662.16	-8953.71	-96.69	5185.43	150.76	34.55	PASS	
11525.00†	7070.86	-64.55	-3903.36	7064.86	7070.86	-662.16	-8953.71	-96.56	5085.59	150.94	33.85	PASS	
11625.00†	7070.21	-70.67	-4003.17	7064.21	7070.21	-662.16	-8953.71	-96.44	4985.76	151.14	33.14	PASS	
11725.00†	7069.56	-76.79	-4102.98	7063.56	7069.56	-662.16	-8953.71	-96.31	4885.93	151.35	32.43	PASS	
11825.00†	7068.91	-82.91	-4202.79	7062.91	7068.91	-662.16	-8953.71	-96.18	4786.11	151.58	31.72	PASS	
11925.00†	7068.25	-89.04	-4302.60	7062.25	7068.25	-662.16	-8953.71	-96.05	4686.29	151.81	31.01	PASS	
12025.00†	7067.60	-95.16	-4402.41	7061.60	7067.60	-662.16	-8953.71	-95.92	4586.49	152.07	30.30	PASS	
12125.00†	7066.95	-101.28	-4502.22	7060.95	7066.95	-662.16	-8953.71	-95.79	4486.69	152.34	29.58	PASS	
12225.00†	7066.30	-107.40	-4602.03	7060.30	7066.30	-662.16	-8953.71	-95.67	4386.90	152.63	28.87	PASS	
12325.00†	7065.65	-113.52	-4701.84	7059.65	7065.65	-662.16	-8953.71	-95.54	4287.12	152.95	28.16	PASS	
12425.00†	7065.00	-119.65	-4801.65	7059.00	7065.00	-662.16	-8953.71	-95.41	4187.36	153.28	27.44	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 74 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. LINDBLAD 20-25X AWB Offset Wellpath: EX. LINDBLAD 20-25X AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#08 EX. LINDBLAD 20-25X (1304'FNL & 1398'FWL, PR, NB/CD) Well: EX. LINDBLAD 20-25X Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	7058.35	7064.35	-662.16	-8953.71	-95.28	4087.60	153.64	26.72	PASS	
12625.00†	7063.70	-131.89	-5001.27	7057.70	7063.70	-662.16	-8953.71	-95.15	3987.86	154.02	26.01	PASS	
12725.00†	7063.05	-138.01	-5101.08	7057.05	7063.05	-662.16	-8953.71	-95.02	3888.12	154.44	25.29	PASS	
12825.00†	7062.40	-144.13	-5200.89	7056.40	7062.40	-662.16	-8953.71	-94.89	3788.41	154.88	24.57	PASS	
12925.00†	7061.74	-150.26	-5300.70	7055.74	7061.74	-662.16	-8953.71	-94.76	3688.70	155.37	23.85	PASS	
12949.77	7061.58	-151.77	-5325.42	7055.58	7061.58	-662.16	-8953.71	-94.73	3664.02	155.49	23.67	PASS	
13025.00†	7061.09	-154.90	-5400.58	7055.09	7061.09	-662.16	-8953.71	-93.11	3589.16	155.98	23.11	PASS	
13125.00†	7060.44	-154.47	-5500.57	7054.44	7060.44	-662.16	-8953.71	-92.11	3490.27	156.99	22.33	PASS	
13225.00†	7059.78	-148.80	-5600.39	7053.78	7059.78	-662.16	-8953.71	-91.58	3392.39	158.50	21.50	PASS	
13325.00†	7059.12	-137.92	-5699.79	7053.12	7059.12	-662.16	-8953.71	-91.24	3295.89	160.60	20.61	PASS	
13425.00†	7058.47	-121.86	-5798.47	7052.47	7058.47	-662.16	-8953.71	-91.01	3201.17	163.43	19.67	PASS	
13506.75	7057.93	-104.90	-5878.44	7051.93	7057.93	-662.16	-8953.71	-90.86	3125.35	166.37	18.86	PASS	
13525.00†	7057.81	-100.73	-5896.20	7051.81	7057.81	-662.16	-8953.71	-90.85	3108.63	167.10	18.68	PASS	
13606.75	7057.28	-82.06	-5975.79	7051.28	7057.28	-662.16	-8953.71	-90.83	3033.89	170.58	17.86	PASS	
13625.00†	7057.16	-77.98	-5993.58	7051.16	7057.16	-662.16	-8953.71	-90.85	3017.23	171.40	17.67	PASS	
13725.00†	7056.51	-58.64	-6091.68	7050.51	7056.51	-662.16	-8953.71	-90.95	2924.97	175.82	16.70	PASS	
13825.00†	7055.86	-44.46	-6190.65	7049.86	7055.86	-662.16	-8953.71	-91.07	2831.26	180.10	15.78	PASS	
13925.00†	7055.20	-35.48	-6290.24	7049.20	7055.20	-662.16	-8953.71	-91.23	2736.21	184.15	14.91	PASS	
14025.00†	7054.55	-31.73	-6390.15	7048.55	7054.55	-662.16	-8953.71	-91.44	2639.94	187.87	14.10	PASS	
14092.27	7054.12	-32.15	-6457.41	7048.12	7054.12	-662.16	-8953.71	-91.62	2574.57	190.14	13.59	PASS	
14125.00†	7053.91	-32.93	-6490.13	7047.91	7053.91	-662.16	-8953.71	-91.60	2542.66	191.21	13.34	PASS	
14225.00†	7053.26	-35.31	-6590.10	7047.26	7053.26	-662.16	-8953.71	-91.54	2445.32	194.68	12.60	PASS	
14325.00†	7052.62	-37.69	-6690.07	7046.62	7052.62	-662.16	-8953.71	-91.47	2348.19	198.48	11.87	PASS	
14425.00†	7051.98	-40.08	-6790.04	7045.98	7051.98	-662.16	-8953.71	-91.41	2251.32	202.65	11.15	PASS	
14525.00†	7051.33	-42.46	-6890.01	7045.33	7051.33	-662.16	-8953.71	-91.34	2154.73	207.22	10.43	PASS	
14625.00†	7050.69	-44.84	-6989.98	7044.69	7050.69	-662.16	-8953.71	-91.28	2058.47	212.26	9.73	PASS	
14725.00†	7050.04	-47.23	-7089.95	7044.04	7050.04	-662.16	-8953.71	-91.22	1962.59	217.83	9.04	PASS	
14825.00†	7049.40	-49.61	-7189.92	7043.40	7049.40	-662.16	-8953.71	-91.15	1867.13	224.01	8.36	PASS	
14925.00†	7048.76	-51.99	-7289.89	7042.76	7048.76	-662.16	-8953.71	-91.09	1772.17	230.87	7.70	PASS	
15025.00†	7048.11	-54.38	-7389.86	7042.11	7048.11	-662.16	-8953.71	-91.02	1677.81	238.53	7.05	PASS	
15125.00†	7047.47	-56.76	-7489.83	7041.47	7047.47	-662.16	-8953.71	-90.96	1584.13	247.11	6.43	PASS	
15225.00†	7046.82	-59.14	-7589.80	7040.82	7046.82	-662.16	-8953.71	-90.89	1491.27	256.76	5.82	PASS	
15325.00†	7046.18	-61.53	-7689.77	7040.18	7046.18	-662.16	-8953.71	-90.83	1399.40	267.65	5.24	PASS	
15425.00†	7045.54	-63.91	-7789.74	7039.54	7045.54	-662.16	-8953.71	-90.76	1308.72	279.99	4.68	PASS	
15525.00†	7044.89	-66.29	-7889.71	7038.89	7044.89	-662.16	-8953.71	-90.70	1219.49	294.03	4.16	PASS	
15625.00†	7044.25	-68.68	-7989.68	7038.25	7044.25	-662.16	-8953.71	-90.63	1132.07	310.05	3.66	PASS	
15725.00†	7043.60	-71.06	-8089.65	7037.60	7043.60	-662.16	-8953.71	-90.57	1046.90	328.37	3.19	PASS	
15825.00†	7042.96	-73.44	-8189.62	7036.96	7042.96	-662.16	-8953.71	-90.50	964.59	349.31	2.76	PASS	
15925.00†	7042.31	-75.83	-8289.59	7036.31	7042.31	-662.16	-8953.71	-90.44	885.92	373.16	2.38	PASS	
16025.00†	7041.67	-78.21	-8389.56	7035.67	7041.67	-662.16	-8953.71	-90.37	811.95	400.07	2.03	PASS	
16125.00†	7041.03	-80.59	-8489.53	7035.03	7041.03	-662.16	-8953.71	-90.31	744.10	429.80	1.73	PASS	
16225.00†	7040.38	-82.98	-8589.49	7034.38	7040.38	-662.16	-8953.71	-90.25	684.18	461.46	1.48	PASS	
16325.00†	7039.74	-85.36	-8689.46	7033.74	7039.74	-662.16	-8953.71	-90.18	634.45	493.01	1.29	PASS	
16425.00†	7039.09	-87.74	-8789.43	7033.09	7039.09	-662.16	-8953.71	-90.12	597.45	521.01	1.15	PASS	
16525.00†	7038.45	-90.13	-8889.40	7032.45	7038.45	-662.16	-8953.71	-90.05	575.64	541.04	1.06	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 75 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: EX. LINDBLAD 20-25X AWB Offset Wellpath: EX. LINDBLAD 20-25X AWP

Facility: SEC.20-T06N-R66W		Slot: SLOT#08 EX. LINDBLAD 20-25X (1304'FNL & 1398'FWL, PR, NB/CD)				Well: EX. LINDBLAD 20-25X		Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
16601.25†	7037.96	-91.94	-8965.63	7033.13	7039.12	-662.16	-8953.71	-90.12	570.34	548.53	1.04	PASS
16617.70†	7037.85	-92.34	-8982.08	7031.85	7037.85	-662.16	-8953.71	-89.99	570.53	549.07	1.04	PASS
16625.00†	7037.81	-92.51	-8989.37	7031.81	7037.81	-662.16	-8953.71	-89.99	570.77	549.21	1.04	PASS
16725.00†	7037.16	-94.89	-9089.34	7031.16	7037.16	-662.16	-8953.71	-89.92	583.26	544.19	1.07	PASS
16825.00†	7036.52	-97.28	-9189.31	7030.52	7036.52	-662.16	-8953.71	-89.86	612.05	527.93	1.16	PASS
16925.00†	7035.87	-99.66	-9289.28	7029.87	7035.87	-662.16	-8953.71	-89.79	654.99	504.42	1.30	PASS
17025.00†	7035.23	-102.04	-9389.25	7029.23	7035.23	-662.16	-8953.71	-89.73	709.53	477.72	1.49	PASS
17125.00†	7034.59	-104.43	-9489.22	7028.59	7034.59	-662.16	-8953.71	-89.66	773.20	450.78	1.72	PASS
17225.00†	7033.94	-106.81	-9589.19	7027.94	7033.94	-662.16	-8953.71	-89.60	843.95	425.32	1.99	PASS
17325.00†	7033.30	-109.19	-9689.16	7027.30	7033.30	-662.16	-8953.71	-89.53	920.14	402.11	2.29	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: EX. LINDBLAD 20-25X AWB Offset Wellpath: EX. LINDBLAD 20-25X AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: EX. LINDBLAD 20-25X AWB Offset Wellpath: EX. LINDBLAD 20-25X AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7350.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7350>	EX. LINDBLAD 20-25X AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: EX. LINDBLAD 20-25X AWB Offset Wellpath: EX. LINDBLAD 20-25X AWP

MD Reference: Rig on SLOT#08 LINDBLAD 20-25X (1304'FNL & 1398'FWL, PR, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4771.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 76 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. ENGLISH 31-20 AWB Offset Wellpath: EX. ENGLISH 31-20 AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#01 EX. ENGLISH 31-20 (200'FNL & 2440'FEL, SI, CODL) Well: EX. ENGLISH 31-20 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	4.00	25.00	461.64	-7497.81	-86.48	7512.01	25.57	305.30	PASS	
125.00†	125.00	0.00	0.00	104.00	125.00	461.64	-7497.81	-86.48	7512.01	25.57	305.27	PASS	
225.00†	225.00	0.00	0.00	204.00	225.00	461.64	-7497.81	-86.48	7512.01	25.58	305.18	PASS	
300.00	300.00	0.00	0.00	279.00	300.00	461.64	-7497.81	-86.48	7512.01	25.58	305.09	PASS	
325.00†	325.00	0.02	0.11	304.00	325.00	461.64	-7497.81	-166.81	7512.11	25.59	305.05	PASS	
425.00†	424.96	0.46	2.69	403.96	424.96	461.64	-7497.81	-166.81	7514.66	25.62	304.77	PASS	
525.00†	524.77	1.48	8.71	503.77	524.77	461.64	-7497.81	-166.79	7520.60	25.70	304.04	PASS	
625.00†	624.30	3.09	18.15	603.30	624.30	461.64	-7497.81	-166.76	7529.94	25.78	303.40	PASS	
660.88	659.93	3.81	22.38	638.93	659.93	461.64	-7497.81	-166.75	7534.11	25.80	303.28	PASS	
725.00†	723.54	5.16	30.32	702.54	723.54	461.64	-7497.81	-166.77	7541.95	25.82	303.35	PASS	
825.00†	822.75	7.27	42.70	801.75	822.75	461.64	-7497.81	-166.79	7554.19	25.86	303.43	PASS	
925.00†	921.95	9.38	55.09	900.95	921.95	461.64	-7497.81	-166.81	7566.43	25.89	303.46	PASS	
1025.00†	1021.16	11.49	67.48	1000.16	1021.16	461.64	-7497.81	-166.83	7578.66	25.94	303.42	PASS	
1125.00†	1120.37	13.60	79.86	1099.37	1120.37	461.64	-7497.81	-166.85	7590.90	25.99	303.33	PASS	
1225.00†	1219.58	15.71	92.25	1198.58	1219.58	461.64	-7497.81	-166.87	7603.14	26.04	303.18	PASS	
1325.00†	1318.78	17.82	104.63	1297.78	1318.78	461.64	-7497.81	-166.89	7615.38	26.10	302.97	PASS	
1425.00†	1417.99	19.93	117.02	1396.99	1417.99	461.64	-7497.81	-166.92	7627.63	26.16	302.70	PASS	
1525.00†	1517.20	22.04	129.40	1496.20	1517.20	461.64	-7497.81	-166.94	7639.87	26.23	302.38	PASS	
1625.00†	1616.41	24.15	141.79	1595.41	1616.41	461.64	-7497.81	-166.96	7652.11	26.30	302.01	PASS	
1725.00†	1715.61	26.25	154.17	1694.61	1715.61	461.64	-7497.81	-166.98	7664.36	26.37	301.58	PASS	
1825.00†	1814.82	28.36	166.56	1793.82	1814.82	461.64	-7497.81	-167.00	7676.60	26.16	301.56	PASS	
1925.00†	1914.03	30.47	178.95	1893.03	1914.03	461.64	-7497.81	-167.02	7688.85	26.17	301.89	PASS	
2025.00†	2013.24	32.58	191.33	1992.24	2013.24	461.64	-7497.81	-167.04	7701.10	26.20	302.09	PASS	
2125.00†	2112.44	34.69	203.72	2091.44	2112.44	461.64	-7497.81	-167.06	7713.35	26.23	302.16	PASS	
2225.00†	2211.65	36.80	216.10	2190.65	2211.65	461.64	-7497.81	-167.08	7725.60	26.28	302.09	PASS	
2325.00†	2310.86	38.91	228.49	2289.86	2310.86	461.64	-7497.81	-167.11	7737.85	26.34	301.89	PASS	
2425.00†	2410.07	41.02	240.87	2389.07	2410.07	461.64	-7497.81	-167.13	7750.10	26.41	301.55	PASS	
2525.00†	2509.28	43.13	253.26	2488.28	2509.28	461.64	-7497.81	-167.15	7762.36	26.49	301.09	PASS	
2625.00†	2608.48	45.24	265.64	2587.48	2608.48	461.64	-7497.81	-167.17	7774.61	26.58	300.51	PASS	
2725.00†	2707.69	47.35	278.03	2686.69	2707.69	461.64	-7497.81	-167.19	7786.86	26.68	299.81	PASS	
2825.00†	2806.90	49.46	290.41	2785.90	2806.90	461.64	-7497.81	-167.21	7799.12	26.79	298.98	PASS	
2925.00†	2906.11	51.56	302.80	2885.11	2906.11	461.64	-7497.81	-167.23	7811.38	26.91	298.05	PASS	
3025.00†	3005.31	53.67	315.19	2984.31	3005.31	461.64	-7497.81	-167.25	7823.64	27.05	297.00	PASS	
3125.00†	3104.52	55.78	327.57	3083.52	3104.52	461.64	-7497.81	-167.27	7835.90	27.19	295.85	PASS	
3225.00†	3203.73	57.89	339.96	3182.73	3203.73	461.64	-7497.81	-167.29	7848.16	27.35	294.61	PASS	
3325.00†	3302.94	60.00	352.34	3281.94	3302.94	461.64	-7497.81	-167.31	7860.42	27.51	293.26	PASS	
3425.00†	3402.14	62.11	364.73	3381.14	3402.14	461.64	-7497.81	-167.33	7872.68	27.68	291.83	PASS	
3525.00†	3501.35	64.22	377.11	3480.35	3501.35	461.64	-7497.81	-167.35	7884.94	27.87	290.31	PASS	
3625.00†	3600.56	66.33	389.50	3579.56	3600.56	461.64	-7497.81	-167.37	7897.21	28.06	288.72	PASS	
3725.00†	3699.77	68.44	401.88	3678.77	3699.77	461.64	-7497.81	-167.39	7909.47	28.26	287.05	PASS	
3825.00†	3798.97	70.55	414.27	3777.97	3798.97	461.64	-7497.81	-167.41	7921.74	28.47	285.31	PASS	
3925.00†	3898.18	72.66	426.65	3877.18	3898.18	461.64	-7497.81	-167.43	7934.00	28.69	283.51	PASS	
4025.00†	3997.39	74.76	439.04	3976.39	3997.39	461.64	-7497.81	-167.45	7946.27	28.92	281.66	PASS	
4125.00†	4096.60	76.87	451.43	4075.60	4096.60	461.64	-7497.81	-167.47	7958.54	29.15	279.75	PASS	
4225.00†	4195.80	78.98	463.81	4174.80	4195.80	461.64	-7497.81	-167.49	7970.81	29.40	277.79	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 77 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. ENGLISH 31-20 AWB Offset Wellpath: EX. ENGLISH 31-20 AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#01 EX. ENGLISH 31-20 (200'FNL & 2440'FEL, SI, CODL) Well: EX. ENGLISH 31-20 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4274.01	4295.01	461.64	-7497.81	-167.51	7983.08	29.65	275.79	PASS	
4425.00†	4394.22	83.20	488.58	4373.22	4394.22	461.64	-7497.81	-167.53	7995.35	29.91	273.75	PASS	
4525.00†	4493.43	85.31	500.97	4472.43	4493.43	461.64	-7497.81	-167.55	8007.62	30.18	271.68	PASS	
4625.00†	4592.64	87.42	513.35	4571.64	4592.64	461.64	-7497.81	-167.57	8019.89	30.46	269.57	PASS	
4725.00†	4691.84	89.53	525.74	4670.84	4691.84	461.64	-7497.81	-167.59	8032.17	30.74	267.45	PASS	
4825.00†	4791.05	91.64	538.12	4770.05	4791.05	461.64	-7497.81	-167.60	8044.44	48.28	169.10	PASS	
4925.00†	4890.26	93.75	550.51	4869.26	4890.26	461.64	-7497.81	-167.62	8056.72	56.35	144.78	PASS	
5025.00†	4989.47	95.86	562.89	4968.47	4989.47	461.64	-7497.81	-167.64	8069.00	57.75	141.44	PASS	
5125.00†	5088.67	97.97	575.28	5067.67	5088.67	461.64	-7497.81	-167.66	8081.27	59.83	136.67	PASS	
5225.00†	5187.88	100.07	587.67	5166.88	5187.88	461.64	-7497.81	-167.68	8093.55	62.48	131.01	PASS	
5325.00†	5287.09	102.18	600.05	5266.09	5287.09	461.64	-7497.81	-167.70	8105.83	65.57	124.95	PASS	
5425.00†	5386.30	104.29	612.44	5365.30	5386.30	461.64	-7497.81	-167.72	8118.11	69.01	118.84	PASS	
5525.00†	5485.50	106.40	624.82	5464.50	5485.50	461.64	-7497.81	-167.74	8130.39	72.72	112.90	PASS	
5625.00†	5584.71	108.51	637.21	5563.71	5584.71	461.64	-7497.81	-167.76	8142.67	76.63	107.24	PASS	
5725.00†	5683.92	110.62	649.59	5662.92	5683.92	461.64	-7497.81	-167.78	8154.96	80.70	101.94	PASS	
5825.00†	5783.13	112.73	661.98	5762.13	5783.13	461.64	-7497.81	-167.79	8167.24	84.89	97.01	PASS	
5925.00†	5882.33	114.84	674.36	5861.33	5882.33	461.64	-7497.81	-167.81	8179.53	89.18	92.45	PASS	
6025.00†	5981.54	116.95	686.75	5960.54	5981.54	461.64	-7497.81	-167.83	8191.81	93.55	88.22	PASS	
6125.00†	6080.75	119.06	699.13	6059.75	6080.75	461.64	-7497.81	-167.85	8204.10	97.99	84.33	PASS	
6225.00†	6179.96	121.17	711.52	6158.96	6179.96	461.64	-7497.81	-167.87	8216.38	102.48	80.73	PASS	
6325.00†	6279.17	123.27	723.91	6258.17	6279.17	461.64	-7497.81	-167.89	8228.67	107.01	77.40	PASS	
6425.00†	6378.37	125.38	736.29	6357.37	6378.37	461.64	-7497.81	-167.90	8240.96	111.59	74.32	PASS	
6428.02	6381.37	125.45	736.66	6360.37	6381.37	461.64	-7497.81	-167.91	8241.33	111.73	74.23	PASS	
6525.00†	6478.12	127.33	741.32	6457.12	6478.12	461.64	-7497.81	-29.78	8245.90	116.21	71.38	PASS	
6625.00†	6577.44	128.90	730.68	6556.44	6577.44	461.64	-7497.81	-1.95	8235.22	121.04	68.43	PASS	
6725.00†	6673.88	130.05	704.65	6652.88	6673.88	461.64	-7497.81	0.77	8209.15	126.25	65.38	PASS	
6825.00†	6765.06	130.75	663.85	6744.06	6765.06	461.64	-7497.81	2.00	8168.36	131.11	62.63	PASS	
6925.00†	6848.75	130.99	609.29	6827.75	6848.75	461.64	-7497.81	2.94	8113.84	135.50	60.19	PASS	
7025.00†	6922.87	130.76	542.32	6901.87	6922.87	461.64	-7497.81	3.96	8046.94	139.31	58.05	PASS	
7125.00†	6985.61	130.07	464.59	6964.61	6985.61	461.64	-7497.81	5.34	7969.30	142.47	56.21	PASS	
7225.00†	7035.42	128.94	378.00	7014.42	7035.42	461.64	-7497.81	7.60	7882.83	144.92	54.66	PASS	
7325.00†	7071.07	127.38	284.70	7050.07	7071.07	461.64	-7497.81	12.24	7789.68	146.63	53.38	PASS	
7425.00†	7091.69	125.45	186.97	7070.69	7091.69	461.64	-7497.81	26.77	7692.13	147.59	52.36	PASS	
7511.52	7097.00	123.50	100.71	7076.00	7097.00	461.64	-7497.81	95.44	7606.03	147.85	51.69	PASS	
7525.00†	7096.91	123.18	87.23	7075.91	7096.91	461.64	-7497.81	95.43	7592.58	147.85	51.60	PASS	
7625.00†	7096.26	120.81	-12.74	7075.26	7096.26	461.64	-7497.81	95.36	7492.82	147.83	50.92	PASS	
7725.00†	7095.61	118.43	-112.71	7074.61	7095.61	461.64	-7497.81	95.29	7393.06	147.82	50.25	PASS	
7825.00†	7094.96	116.05	-212.68	7073.96	7094.96	461.64	-7497.81	95.22	7293.32	147.82	49.57	PASS	
7925.00†	7094.31	113.68	-312.65	7073.31	7094.31	461.64	-7497.81	95.15	7193.58	147.82	48.89	PASS	
8025.00†	7093.66	111.30	-412.62	7072.66	7093.66	461.64	-7497.81	95.08	7093.84	147.83	48.21	PASS	
8125.00†	7093.01	108.92	-512.59	7072.01	7093.01	461.64	-7497.81	95.00	6994.11	147.84	47.53	PASS	
8225.00†	7092.36	106.55	-612.56	7071.36	7092.36	461.64	-7497.81	94.93	6894.40	147.86	46.85	PASS	
8325.00†	7091.70	104.17	-712.53	7070.70	7091.70	461.64	-7497.81	94.86	6794.69	147.89	46.16	PASS	
8425.00†	7091.05	101.79	-812.50	7070.05	7091.05	461.64	-7497.81	94.79	6694.98	147.92	45.47	PASS	
8525.00†	7090.40	99.41	-912.47	7069.40	7090.40	461.64	-7497.81	94.72	6595.29	147.96	44.78	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 78 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. ENGLISH 31-20 AWB Offset Wellpath: EX. ENGLISH 31-20 AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#01 EX. ENGLISH 31-20 (200'FNL & 2440'FEL, SI, CODL) Well: EX. ENGLISH 31-20 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7068.75	7089.75	461.64	-7497.81	94.65	6495.61	148.01	44.09	PASS	
8725.00†	7089.10	94.66	-1112.41	7068.10	7089.10	461.64	-7497.81	94.58	6395.93	148.06	43.40	PASS	
8825.00†	7088.45	92.28	-1212.38	7067.45	7088.45	461.64	-7497.81	94.50	6296.27	148.13	42.71	PASS	
8861.52	7088.21	91.42	-1248.88	7067.21	7088.21	461.64	-7497.81	94.48	6259.88	148.15	42.45	PASS	
8925.00†	7087.80	88.85	-1312.31	7066.80	7087.80	461.64	-7497.81	93.17	6196.72	148.21	42.01	PASS	
9025.00†	7087.14	80.54	-1411.95	7066.14	7087.14	461.64	-7497.81	92.16	6097.77	148.36	41.29	PASS	
9125.00†	7086.49	67.03	-1511.02	7065.49	7086.49	461.64	-7497.81	91.62	5999.78	148.61	40.56	PASS	
9216.11	7085.90	50.22	-1600.55	7064.90	7085.90	461.64	-7497.81	91.30	5911.59	148.93	39.88	PASS	
9225.00†	7085.84	48.37	-1609.25	7064.84	7085.84	461.64	-7497.81	91.30	5903.04	148.97	39.81	PASS	
9316.11	7085.25	29.43	-1698.37	7064.25	7085.25	461.64	-7497.81	91.28	5815.52	149.39	39.11	PASS	
9325.00†	7085.19	27.60	-1707.07	7064.19	7085.19	461.64	-7497.81	91.30	5806.98	149.44	39.04	PASS	
9425.00†	7084.53	9.84	-1805.47	7063.53	7084.53	461.64	-7497.81	91.59	5710.24	149.93	38.26	PASS	
9525.00†	7083.88	-2.75	-1904.66	7062.88	7083.88	461.64	-7497.81	92.02	5612.40	150.39	37.49	PASS	
9625.00†	7083.23	-10.13	-2004.37	7062.23	7083.23	461.64	-7497.81	92.78	5513.66	150.78	36.74	PASS	
9674.43	7082.91	-11.85	-2053.77	7061.91	7082.91	461.64	-7497.81	93.42	5464.59	150.93	36.37	PASS	
9725.00†	7082.58	-12.95	-2104.32	7061.58	7082.58	461.64	-7497.81	93.39	5414.32	151.08	36.00	PASS	
9825.00†	7081.93	-15.13	-2204.30	7060.93	7081.93	461.64	-7497.81	93.32	5314.94	151.38	35.27	PASS	
9925.00†	7081.27	-17.31	-2304.27	7060.27	7081.27	461.64	-7497.81	93.26	5215.57	151.71	34.54	PASS	
10025.00†	7080.62	-19.49	-2404.25	7059.62	7080.62	461.64	-7497.81	93.20	5116.23	152.06	33.80	PASS	
10125.00†	7079.97	-21.68	-2504.22	7058.97	7079.97	461.64	-7497.81	93.14	5016.92	152.44	33.06	PASS	
10225.00†	7079.32	-23.86	-2604.19	7058.32	7079.32	461.64	-7497.81	93.07	4917.64	152.86	32.32	PASS	
10325.00†	7078.67	-26.04	-2704.17	7057.67	7078.67	461.64	-7497.81	93.01	4818.38	153.30	31.57	PASS	
10425.00†	7078.02	-28.22	-2804.14	7057.02	7078.02	461.64	-7497.81	92.95	4719.16	153.77	30.83	PASS	
10525.00†	7077.37	-30.40	-2904.12	7056.37	7077.37	461.64	-7497.81	92.88	4619.97	154.29	30.08	PASS	
10625.00†	7076.72	-32.58	-3004.09	7055.72	7076.72	461.64	-7497.81	92.82	4520.81	154.84	29.33	PASS	
10725.00†	7076.07	-34.76	-3104.07	7055.07	7076.07	461.64	-7497.81	92.76	4421.69	155.44	28.57	PASS	
10825.00†	7075.42	-36.95	-3204.04	7054.42	7075.42	461.64	-7497.81	92.70	4322.62	156.08	27.82	PASS	
10925.00†	7074.76	-39.13	-3304.01	7053.76	7074.76	461.64	-7497.81	92.63	4223.58	156.77	27.06	PASS	
11025.00†	7074.11	-41.31	-3403.99	7053.11	7074.11	461.64	-7497.81	92.57	4124.60	157.51	26.30	PASS	
11125.00†	7073.46	-43.49	-3503.96	7052.46	7073.46	461.64	-7497.81	92.51	4025.66	158.31	25.54	PASS	
11174.43	7073.14	-44.57	-3553.38	7052.14	7073.14	461.64	-7497.81	92.48	3976.77	158.73	25.16	PASS	
11225.00†	7072.81	-46.34	-3603.92	7051.81	7072.81	461.64	-7497.81	92.07	3926.89	159.21	24.77	PASS	
11249.77	7072.65	-47.70	-3628.64	7051.65	7072.65	461.64	-7497.81	91.92	3902.54	159.48	24.57	PASS	
11325.00†	7072.16	-52.30	-3703.73	7051.16	7072.16	461.64	-7497.81	91.88	3828.72	160.37	23.98	PASS	
11425.00†	7071.51	-58.42	-3803.54	7050.51	7071.51	461.64	-7497.81	91.83	3730.69	161.64	23.18	PASS	
11525.00†	7070.86	-64.55	-3903.36	7049.86	7070.86	461.64	-7497.81	91.78	3632.76	163.02	22.38	PASS	
11625.00†	7070.21	-70.67	-4003.17	7049.21	7070.21	461.64	-7497.81	91.73	3534.95	164.51	21.58	PASS	
11725.00†	7069.56	-76.79	-4102.98	7048.56	7069.56	461.64	-7497.81	91.68	3437.26	166.13	20.77	PASS	
11825.00†	7068.91	-82.91	-4202.79	7047.91	7068.91	461.64	-7497.81	91.63	3339.72	167.88	19.97	PASS	
11925.00†	7068.25	-89.04	-4302.60	7047.25	7068.25	461.64	-7497.81	91.58	3242.32	169.79	19.17	PASS	
12025.00†	7067.60	-95.16	-4402.41	7046.60	7067.60	461.64	-7497.81	91.53	3145.08	171.85	18.37	PASS	
12125.00†	7066.95	-101.28	-4502.22	7045.95	7066.95	461.64	-7497.81	91.48	3048.02	174.10	17.58	PASS	
12225.00†	7066.30	-107.40	-4602.03	7045.30	7066.30	461.64	-7497.81	91.43	2951.16	176.53	16.78	PASS	
12325.00†	7065.65	-113.52	-4701.84	7044.65	7065.65	461.64	-7497.81	91.38	2854.51	179.18	15.99	PASS	
12425.00†	7065.00	-119.65	-4801.65	7044.00	7065.00	461.64	-7497.81	91.33	2758.11	182.05	15.21	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 79 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. ENGLISH 31-20 AWB Offset Wellpath: EX. ENGLISH 31-20 AWP

Facility: SEC.20-T06N-R66W		Slot: SLOT#01 EX. ENGLISH 31-20 (200'FNL & 2440'FEL, SI, CODL)		Well: EX. ENGLISH 31-20		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
12525.00†	7064.35	-125.77	-4901.46	7043.35	7064.35	461.64	-7497.81	91.28	2661.97	185.19	14.43	PASS
12625.00†	7063.70	-131.89	-5001.27	7042.70	7063.70	461.64	-7497.81	91.23	2566.12	188.60	13.65	PASS
12725.00†	7063.05	-138.01	-5101.08	7042.05	7063.05	461.64	-7497.81	91.18	2470.60	192.32	12.89	PASS
12825.00†	7062.40	-144.13	-5200.89	7041.40	7062.40	461.64	-7497.81	91.13	2375.46	196.38	12.14	PASS
12925.00†	7061.74	-150.26	-5300.70	7040.74	7061.74	461.64	-7497.81	91.08	2280.72	200.83	11.39	PASS
12949.77	7061.58	-151.77	-5325.42	7040.58	7061.58	461.64	-7497.81	91.07	2257.33	202.00	11.21	PASS
13025.00†	7061.09	-154.90	-5400.58	7040.09	7061.09	461.64	-7497.81	91.18	2185.97	205.50	10.67	PASS
13125.00†	7060.44	-154.47	-5500.57	7039.44	7060.44	461.64	-7497.81	91.37	2090.11	209.87	9.99	PASS
13225.00†	7059.78	-148.80	-5600.39	7038.78	7059.78	461.64	-7497.81	91.62	1993.19	213.86	9.35	PASS
13325.00†	7059.12	-137.92	-5699.79	7038.12	7059.12	461.64	-7497.81	91.99	1895.35	217.37	8.74	PASS
13425.00†	7058.47	-121.86	-5798.47	7037.47	7058.47	461.64	-7497.81	92.60	1796.72	220.33	8.18	PASS
13506.75	7057.93	-104.90	-5878.44	7036.93	7057.93	461.64	-7497.81	93.50	1715.61	222.26	7.74	PASS
13525.00†	7057.81	-100.73	-5896.20	7036.81	7057.81	461.64	-7497.81	93.46	1697.47	222.63	7.65	PASS
13606.75	7057.28	-82.06	-5975.79	7036.28	7057.28	461.64	-7497.81	93.29	1616.21	224.44	7.22	PASS
13625.00†	7057.16	-77.98	-5993.58	7036.16	7057.16	461.64	-7497.81	93.00	1598.09	224.88	7.13	PASS
13725.00†	7056.51	-58.64	-6091.68	7035.51	7056.51	461.64	-7497.81	91.99	1499.30	228.19	6.59	PASS
13825.00†	7055.86	-44.46	-6190.65	7034.86	7055.86	461.64	-7497.81	91.45	1401.71	233.20	6.03	PASS
13925.00†	7055.20	-35.48	-6290.24	7034.20	7055.20	461.64	-7497.81	91.10	1305.89	240.24	5.45	PASS
14025.00†	7054.55	-31.73	-6390.15	7033.55	7054.55	461.64	-7497.81	90.86	1212.56	249.71	4.87	PASS
14092.27	7054.12	-32.15	-6457.41	7033.12	7054.12	461.64	-7497.81	90.73	1151.63	257.68	4.48	PASS
14125.00†	7053.91	-32.93	-6490.13	7032.91	7053.91	461.64	-7497.81	90.71	1122.50	262.00	4.29	PASS
14225.00†	7053.26	-35.31	-6590.10	7032.26	7053.26	461.64	-7497.81	90.64	1034.83	276.57	3.75	PASS
14325.00†	7052.62	-37.69	-6690.07	7031.62	7052.62	461.64	-7497.81	90.57	949.61	293.49	3.24	PASS
14425.00†	7051.98	-40.08	-6790.04	7030.98	7051.98	461.64	-7497.81	90.50	867.55	313.13	2.77	PASS
14525.00†	7051.33	-42.46	-6890.01	7030.33	7051.33	461.64	-7497.81	90.42	789.64	335.80	2.35	PASS
14625.00†	7050.69	-44.84	-6989.98	7029.69	7050.69	461.64	-7497.81	90.35	717.22	361.64	1.99	PASS
14725.00†	7050.04	-47.23	-7089.95	7029.04	7050.04	461.64	-7497.81	90.28	652.14	390.21	1.67	PASS
14825.00†	7049.40	-49.61	-7189.92	7028.40	7049.40	461.64	-7497.81	90.21	596.80	420.08	1.42	PASS
14925.00†	7048.76	-51.99	-7289.89	7027.76	7048.76	461.64	-7497.81	90.14	554.12	448.24	1.24	PASS
15025.00†	7048.11	-54.38	-7389.86	7027.11	7048.11	461.64	-7497.81	90.07	527.18	470.07	1.12	PASS
15119.84†	7047.50	-56.64	-7484.68	7026.72	7047.50	461.64	-7497.81	90.03	518.44	480.55	1.08	PASS
15125.00†	7047.47	-56.76	-7489.83	7026.47	7047.47	461.64	-7497.81	90.00	518.46	480.77	1.08	PASS
15135.28†	7047.40	-57.01	-7500.11	7026.40	7047.40	461.64	-7497.81	89.99	518.65	481.12	1.08	PASS
15225.00†	7046.82	-59.14	-7589.80	7025.82	7046.82	461.64	-7497.81	89.93	528.84	478.05	1.11	PASS
15325.00†	7046.18	-61.53	-7689.77	7025.18	7046.18	461.64	-7497.81	89.86	557.27	463.60	1.20	PASS
15425.00†	7045.54	-63.91	-7789.74	7024.54	7045.54	461.64	-7497.81	89.78	601.18	441.80	1.36	PASS
15525.00†	7044.89	-66.29	-7889.71	7023.89	7044.89	461.64	-7497.81	89.71	657.49	417.11	1.58	PASS
15625.00†	7044.25	-68.68	-7989.68	7023.25	7044.25	461.64	-7497.81	89.64	723.30	392.61	1.84	PASS
15725.00†	7043.60	-71.06	-8089.65	7022.60	7043.60	461.64	-7497.81	89.57	796.27	369.90	2.15	PASS
15825.00†	7042.96	-73.44	-8189.62	7021.96	7042.96	461.64	-7497.81	89.50	874.59	349.58	2.50	PASS
15925.00†	7042.31	-75.83	-8289.59	7021.31	7042.31	461.64	-7497.81	89.43	956.96	331.72	2.89	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 80 of 190



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. ENGLISH 31-20 AWB Offset Wellpath: EX. ENGLISH 31-20 AWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. ENGLISH 31-20 AWB Offset Wellpath: EX. ENGLISH 31-20 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7289.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7289>	EX. ENGLISH 31-20 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. ENGLISH 31-20 AWB Offset Wellpath: EX. ENGLISH 31-20 AWP	
MD Reference: Rig on SLOT#01 ENGLISH 31-20 (200'FNL & 2440'FEL, SI, CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4756.00ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 81 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 5N-20C-L PWB Offset Wellpath: DONN 5N-20C-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#22 DONN 5N-20C-L (918'FNL & 252'FEL, SEC.21) Well: DONN 5N-20C-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	25.00	25.00	-119.86	-1.11	-179.47	119.87	1.56	198.17	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	-119.86	-1.11	-179.47	119.87	1.88	129.21	PASS	
225.00†	225.00	0.00	0.00	225.00	225.00	-119.86	-1.11	-179.47	119.87	2.45	79.89	PASS	
300.00	300.00	0.00	0.00	300.00	300.00	-119.86	-1.11	-179.47	119.87	2.90	61.46	PASS	
325.00†	325.00	0.02	0.11	324.24	324.24	-119.94	-1.05	100.21	119.96	3.04	57.19	PASS	
425.00†	424.96	0.46	2.69	421.16	421.13	-121.79	0.58	100.57	122.32	3.82	42.51	PASS	
525.00†	524.77	1.48	8.71	517.89	517.68	-126.09	4.35	101.34	127.84	4.86	32.56	PASS	
625.00†	624.30	3.09	18.15	614.25	613.62	-132.81	10.24	102.42	136.55	5.81	28.00	PASS	
660.88	659.93	3.81	22.38	648.71	647.85	-135.80	12.86	102.86	140.46	6.13	26.99	PASS	
725.00†	723.54	5.16	30.32	710.15	708.75	-141.90	18.21	103.56	148.30	6.69	25.72	PASS	
825.00†	822.75	7.27	42.70	805.53	802.91	-153.32	28.21	103.85	162.46	7.57	24.46	PASS	
925.00†	921.95	9.38	55.09	902.74	898.42	-166.91	40.12	103.48	178.48	8.33	24.11	PASS	
1025.00†	1021.16	11.49	67.48	1001.41	995.33	-180.88	52.37	103.11	194.69	9.05	23.96	PASS	
1125.00†	1120.37	13.60	79.86	1100.08	1092.23	-194.86	64.62	102.80	210.90	9.80	23.77	PASS	
1225.00†	1219.58	15.71	92.25	1198.75	1189.14	-208.83	76.87	102.53	227.12	10.56	23.56	PASS	
1325.00†	1318.78	17.82	104.63	1297.42	1286.04	-222.81	89.11	102.30	243.34	11.34	23.35	PASS	
1425.00†	1417.99	19.93	117.02	1396.09	1382.95	-236.78	101.36	102.09	259.57	12.13	23.15	PASS	
1525.00†	1517.20	22.04	129.40	1494.76	1479.85	-250.76	113.61	101.92	275.79	12.93	22.97	PASS	
1625.00†	1616.41	24.15	141.79	1593.43	1576.76	-264.74	125.86	101.76	292.02	13.72	22.81	PASS	
1725.00†	1715.61	26.25	154.17	1692.10	1673.66	-278.71	138.11	101.61	308.26	14.55	22.62	PASS	
1825.00†	1814.82	28.36	166.56	1790.77	1770.57	-292.69	150.36	101.49	324.49	14.79	23.00	PASS	
1925.00†	1914.03	30.47	178.95	1889.45	1867.47	-306.66	162.61	101.37	340.73	14.96	23.86	PASS	
2025.00†	2013.24	32.58	191.33	1988.12	1964.38	-320.64	174.85	101.26	356.96	15.17	24.64	PASS	
2125.00†	2112.44	34.69	203.72	2086.79	2061.28	-334.61	187.10	101.17	373.20	15.45	25.26	PASS	
2225.00†	2211.65	36.80	216.10	2185.46	2158.19	-348.59	199.35	101.08	389.44	15.82	25.73	PASS	
2325.00†	2310.86	38.91	228.49	2284.13	2255.09	-362.57	211.60	101.00	405.68	16.25	26.06	PASS	
2425.00†	2410.07	41.02	240.87	2382.80	2352.00	-376.54	223.85	100.92	421.92	16.75	26.26	PASS	
2525.00†	2509.28	43.13	253.26	2481.47	2448.90	-390.52	236.10	100.86	438.16	17.30	26.36	PASS	
2625.00†	2608.48	45.24	265.64	2580.14	2545.81	-404.49	248.35	100.79	454.40	17.91	26.38	PASS	
2725.00†	2707.69	47.35	278.03	2678.81	2642.71	-418.47	260.59	100.73	470.65	18.56	26.32	PASS	
2825.00†	2806.90	49.46	290.41	2777.48	2739.62	-432.44	272.84	100.68	486.89	19.26	26.20	PASS	
2925.00†	2906.11	51.56	302.80	2876.16	2836.52	-446.42	285.09	100.62	503.13	20.00	26.04	PASS	
3025.00†	3005.31	53.67	315.19	2974.83	2933.43	-460.40	297.34	100.57	519.38	20.78	25.84	PASS	
3125.00†	3104.52	55.78	327.57	3073.50	3030.34	-474.37	309.59	100.53	535.62	21.58	25.63	PASS	
3225.00†	3203.73	57.89	339.96	3172.17	3127.24	-488.35	321.84	100.48	551.87	22.41	25.40	PASS	
3325.00†	3302.94	60.00	352.34	3270.84	3224.15	-502.32	334.09	100.44	568.11	23.26	25.16	PASS	
3425.00†	3402.14	62.11	364.73	3369.51	3321.05	-516.30	346.33	100.41	584.35	24.13	24.91	PASS	
3525.00†	3501.35	64.22	377.11	3468.18	3417.96	-530.27	358.58	100.37	600.60	25.03	24.67	PASS	
3625.00†	3600.56	66.33	389.50	3566.85	3514.86	-544.25	370.83	100.33	616.84	25.94	24.42	PASS	
3725.00†	3699.77	68.44	401.88	3665.52	3611.77	-558.23	383.08	100.30	633.09	26.86	24.18	PASS	
3825.00†	3798.97	70.55	414.27	3764.19	3708.67	-572.20	395.33	100.27	649.34	27.80	23.94	PASS	
3925.00†	3898.18	72.66	426.65	3862.86	3805.58	-586.18	407.58	100.24	665.58	28.75	23.71	PASS	
4025.00†	3997.39	74.76	439.04	3961.54	3902.48	-600.15	419.83	100.21	681.83	29.71	23.48	PASS	
4125.00†	4096.60	76.87	451.43	4060.21	3999.39	-614.13	432.07	100.19	698.07	30.68	23.26	PASS	
4225.00†	4195.80	78.98	463.81	4158.88	4096.29	-628.10	444.32	100.16	714.32	31.67	23.05	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
**DONN 4N-20C-L PWP (REV-B.0)**  
**Closest Approach**  
Page 82 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA - Offset Wellbore: DONN 5N-20C-L PWB Offset Wellpath: DONN 5N-20C-L PWP (REV-B.0)**

Facility: SEC.21-T06N-R66W Slot: SLOT#22 DONN 5N-20C-L (918'FNL & 252'FEL, SEC.21) Well: DONN 5N-20C-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4257.55	4193.20	-642.08	456.57	100.13	730.57	32.66	22.85	PASS	
4425.00†	4394.22	83.20	488.58	4356.22	4290.10	-656.05	468.82	100.11	746.81	33.65	22.65	PASS	
4525.00†	4493.43	85.31	500.97	4454.89	4387.01	-670.03	481.07	100.09	763.06	34.66	22.46	PASS	
4625.00†	4592.64	87.42	513.35	4553.56	4483.91	-684.01	493.32	100.07	779.31	35.67	22.27	PASS	
4725.00†	4691.84	89.53	525.74	4652.23	4580.82	-697.98	505.57	100.05	795.55	36.68	22.10	PASS	
4825.00†	4791.05	91.64	538.12	4750.90	4677.72	-711.96	517.81	100.03	811.80	37.70	21.92	PASS	
4925.00†	4890.26	93.75	550.51	4849.57	4774.63	-725.93	530.06	100.01	828.05	38.73	21.76	PASS	
5025.00†	4989.47	95.86	562.89	4948.25	4871.53	-739.91	542.31	99.99	844.30	39.76	21.60	PASS	
5125.00†	5088.67	97.97	575.28	5046.92	4968.44	-753.88	554.56	99.97	860.54	40.79	21.45	PASS	
5225.00†	5187.88	100.07	587.67	5145.59	5065.34	-767.86	566.81	99.95	876.79	41.83	21.30	PASS	
5325.00†	5287.09	102.18	600.05	5244.26	5162.25	-781.84	579.06	99.94	893.04	42.88	21.16	PASS	
5425.00†	5386.30	104.29	612.44	5342.93	5259.15	-795.81	591.31	99.92	909.28	43.92	21.03	PASS	
5525.00†	5485.50	106.40	624.82	5441.60	5356.06	-809.79	603.55	99.91	925.53	44.97	20.89	PASS	
5625.00†	5584.71	108.51	637.21	5540.27	5452.96	-823.76	615.80	99.89	941.78	46.02	20.77	PASS	
5725.00†	5683.92	110.62	649.59	5638.94	5549.87	-837.74	628.05	99.88	958.03	47.08	20.65	PASS	
5825.00†	5783.13	112.73	661.98	5737.61	5646.77	-851.71	640.30	99.86	974.28	48.13	20.53	PASS	
5925.00†	5882.33	114.84	674.36	5836.28	5743.68	-865.69	652.55	99.85	990.52	49.19	20.42	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY - Offset Wellbore: DONN 5N-20C-L PWB Offset Wellpath: DONN 5N-20C-L PWP (REV-B.0)**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS - Offset Wellbore: DONN 5N-20C-L PWB Offset Wellpath: DONN 5N-20C-L PWP (REV-B.0)**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	25.00	1730.52	-73.07	-0.68	-123.98	43.95
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1730.52	-73.07	-0.68	-123.98	43.95
8.5in Open Hole	1750.00	17876.07	16126.07	1730.52	N/A	-123.98	43.95	N/A	N/A

**SURVEY PROGRAM - Offset Wellbore: DONN 5N-20C-L PWB Offset Wellpath: DONN 5N-20C-L PWP (REV-B.0)**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (IFR1, Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 5N-20C-L PWB
1750.00	17876.07	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 5N-20C-L PWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: DONN 5N-20C-L PWB Offset Wellpath: DONN 5N-20C-L PWP (REV-B.0)**

MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 83 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 2-2-21 AWP Offset Wellpath: EX. FRITZLER 2-2-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#04 EX. FRITZLER 2-2-21(1707'FNL & 569'FWL, PR, NB/CD) Well: EX. FRITZLER 2-2-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	-6.00	25.00	-990.90	-4486.93	-102.45	4595.04	25.57	186.74	PASS	
125.00†	125.00	0.00	0.00	954.74	978.42	-946.11	-4398.07	-102.14	4578.92	79.19	58.52	PASS	
225.00†	225.00	0.00	0.00	1067.35	1089.02	-937.10	-4378.86	-102.08	4560.60	84.42	54.64	PASS	
300.00	300.00	0.00	0.00	1128.14	1148.63	-932.06	-4368.05	-102.05	4546.30	87.32	52.63	PASS	
325.00†	325.00	0.02	0.11	1139.12	1159.41	-931.18	-4366.17	177.63	4541.77	87.87	52.25	PASS	
425.00†	424.96	0.46	2.69	1183.30	1202.85	-927.80	-4358.86	177.67	4526.58	90.10	50.77	PASS	
525.00†	524.77	1.48	8.71	1302.85	1320.47	-918.91	-4339.40	177.74	4515.12	95.91	47.55	PASS	
625.00†	624.30	3.09	18.15	1353.76	1370.60	-915.28	-4331.28	177.77	4507.54	98.54	46.18	PASS	
660.88	659.93	3.81	22.38	1372.07	1388.65	-914.05	-4328.48	177.78	4505.94	99.48	45.73	PASS	
725.00†	723.54	5.16	30.32	1424.84	1440.71	-910.41	-4320.63	177.81	4503.71	102.07	44.53	PASS	
825.00†	822.75	7.27	42.70	1501.79	1516.59	-904.14	-4309.55	177.86	4500.47	105.83	42.91	PASS	
925.00†	921.95	9.38	55.09	1560.54	1574.58	-898.97	-4301.66	177.91	4498.04	108.69	41.74	PASS	
1025.00†	1021.16	11.49	67.48	1778.22	1788.86	-877.79	-4269.81	178.10	4493.57	118.93	38.08	PASS	
1125.00†	1120.37	13.60	79.86	1819.69	1829.65	-873.39	-4263.76	178.15	4489.65	121.01	37.39	PASS	
1225.00†	1219.58	15.71	92.25	1965.72	1973.31	-858.00	-4242.64	178.29	4485.84	127.90	35.33	PASS	
1325.00†	1318.78	17.82	104.63	1989.91	1997.14	-855.76	-4239.16	178.31	4482.39	129.22	34.94	PASS	
1425.00†	1417.99	19.93	117.02	2014.14	2021.09	-853.77	-4236.03	178.33	4480.64	130.51	34.58	PASS	
1525.00†	1517.20	22.04	129.40	2038.40	2045.13	-852.04	-4233.26	178.35	4480.57	131.77	34.25	PASS	
1625.00†	1616.41	24.15	141.79	2179.14	2184.70	-842.89	-4217.63	178.43	4480.99	138.71	32.52	PASS	
1725.00†	1715.61	26.25	154.17	2265.43	2270.18	-836.77	-4207.62	178.48	4480.81	143.00	31.54	PASS	
1825.00†	1814.82	28.36	166.56	2321.59	2325.92	-833.55	-4201.46	178.51	4481.48	145.55	30.94	PASS	
1925.00†	1914.03	30.47	178.95	2442.02	2445.50	-827.62	-4188.53	178.56	4482.59	151.59	29.70	PASS	
2025.00†	2013.24	32.58	191.33	2825.76	2824.02	-799.67	-4132.80	178.79	4477.52	170.55	26.36	PASS	
2125.00†	2112.44	34.69	203.72	2856.94	2854.68	-797.04	-4127.81	178.81	4472.67	172.26	26.07	PASS	
2225.00†	2211.65	36.80	216.10	2888.16	2885.47	-794.56	-4123.25	178.83	4469.36	173.94	25.80	PASS	
2325.00†	2310.86	38.91	228.49	3076.72	3071.49	-780.74	-4095.66	178.95	4466.39	183.34	24.45	PASS	
2425.00†	2410.07	41.02	240.87	3131.63	3125.59	-776.71	-4087.20	178.98	4462.38	186.25	24.05	PASS	
2525.00†	2509.28	43.13	253.26	3190.21	3183.42	-773.09	-4078.63	179.01	4459.36	189.34	23.64	PASS	
2625.00†	2608.48	45.24	265.64	3257.07	3249.51	-768.97	-4069.38	179.04	4457.15	192.84	23.19	PASS	
2725.00†	2707.69	47.35	278.03	3486.49	3475.91	-752.55	-4036.19	179.17	4454.49	204.33	21.87	PASS	
2825.00†	2806.90	49.46	290.41	3698.88	3684.43	-734.87	-4000.10	179.32	4449.02	214.89	20.77	PASS	
2925.00†	2906.11	51.56	302.80	3781.09	3764.93	-727.26	-3985.24	179.38	4442.00	219.20	20.33	PASS	
3025.00†	3005.31	53.67	315.19	3870.21	3852.23	-718.89	-3969.38	179.45	4435.27	223.83	19.88	PASS	
3125.00†	3104.52	55.78	327.57	3950.37	3930.78	-711.23	-3955.35	179.52	4428.82	228.02	19.48	PASS	
3225.00†	3203.73	57.89	339.96	4016.01	3995.18	-704.99	-3944.31	179.57	4423.04	231.51	19.16	PASS	
3325.00†	3302.94	60.00	352.34	4095.21	4072.97	-697.44	-3931.48	179.64	4417.90	235.62	18.80	PASS	
3425.00†	3402.14	62.11	364.73	4182.79	4159.04	-689.04	-3917.64	179.72	4413.14	240.12	18.43	PASS	
3525.00†	3501.35	64.22	377.11	4323.09	4296.82	-675.87	-3894.73	179.84	4407.85	247.16	17.88	PASS	
3625.00†	3600.56	66.33	389.50	4365.90	4338.89	-671.80	-3887.89	179.88	4402.95	249.55	17.69	PASS	
3725.00†	3699.77	68.44	401.88	4446.01	4417.76	-664.15	-3876.12	179.95	4399.27	253.68	17.39	PASS	
3825.00†	3798.97	70.55	414.27	4562.42	4532.26	-653.03	-3858.31	-179.95	4395.02	259.55	16.98	PASS	
3925.00†	3898.18	72.66	426.65	4627.60	4596.41	-646.87	-3848.53	-179.89	4391.18	262.96	16.74	PASS	
4025.00†	3997.39	74.76	439.04	4683.44	4651.45	-641.56	-3840.72	-179.84	4388.31	265.89	16.55	PASS	
4125.00†	4096.60	76.87	451.43	4756.17	4723.21	-634.78	-3831.12	-179.77	4386.26	269.59	16.31	PASS	
4225.00†	4195.80	78.98	463.81	4808.34	4774.77	-630.11	-3824.58	-179.73	4385.01	272.26	16.15	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 84 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 2-2-21 AWB Offset Wellpath: EX. FRITZLER 2-2-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#04 EX. FRITZLER 2-2-21(1707'FNL & 569'FWL, PR, NB/CD) Well: EX. FRITZLER 2-2-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4853.30	4819.27	-626.26	-3819.50	-179.69	4384.99	274.54	16.01	PASS	
4425.00†	4394.22	83.20	488.58	4902.72	4868.27	-622.25	-3814.48	-179.65	4386.20	276.97	15.87	PASS	
4525.00†	4493.43	85.31	500.97	4954.30	4919.49	-618.40	-3809.76	-179.61	4388.52	279.46	15.74	PASS	
4625.00†	4592.64	87.42	513.35	4999.60	4964.54	-615.37	-3806.08	-179.58	4392.00	281.60	15.63	PASS	
4725.00†	4691.84	89.53	525.74	5043.44	5008.19	-612.82	-3803.01	-179.55	4396.76	283.62	15.54	PASS	
4825.00†	4791.05	91.64	538.12	5082.13	5046.77	-610.91	-3800.76	-179.53	4402.82	285.29	15.47	PASS	
4925.00†	4890.26	93.75	550.51	5117.96	5082.53	-609.46	-3799.15	-179.52	4410.33	286.75	15.42	PASS	
5025.00†	4989.47	95.86	562.89	5154.18	5118.72	-608.30	-3798.00	-179.51	4419.27	288.12	15.37	PASS	
5125.00†	5088.67	97.97	575.28	5196.14	5160.66	-607.37	-3797.19	-179.50	4429.58	289.06	15.36	PASS	
5225.00†	5187.88	100.07	587.67	5237.99	5202.51	-606.85	-3796.86	-179.49	4441.17	289.96	15.35	PASS	
5325.00†	5287.09	102.18	600.05	5301.25	5265.76	-606.62	-3796.99	-179.49	4453.85	289.06	15.44	PASS	
5425.00†	5386.30	104.29	612.44	5369.61	5334.12	-606.67	-3797.55	-179.49	4467.23	286.90	15.61	PASS	
5525.00†	5485.50	106.40	624.82	5438.01	5402.51	-607.15	-3798.52	-179.49	4481.29	283.63	15.84	PASS	
5625.00†	5584.71	108.51	637.21	5506.26	5470.74	-608.06	-3799.89	-179.50	4496.03	280.42	16.07	PASS	
5725.00†	5683.92	110.62	649.59	5590.87	5555.32	-609.58	-3802.02	-179.52	4511.33	276.64	16.35	PASS	
5825.00†	5783.13	112.73	661.98	5684.86	5649.26	-611.10	-3804.54	-179.54	4526.77	272.55	16.65	PASS	
5925.00†	5882.33	114.84	674.36	5804.10	5768.44	-612.55	-3807.71	-179.55	4542.14	267.37	17.03	PASS	
6025.00†	5981.54	116.95	686.75	5930.24	5894.55	-613.09	-3810.37	-179.55	4556.82	261.91	17.44	PASS	
6125.00†	6080.75	119.06	699.13	6030.10	5994.40	-612.94	-3812.32	-179.55	4571.26	257.63	17.79	PASS	
6225.00†	6179.96	121.17	711.52	6132.72	6097.00	-612.38	-3814.35	-179.54	4585.68	253.58	18.13	PASS	
6325.00†	6279.17	123.27	723.91	6240.27	6204.52	-611.55	-3816.35	-179.52	4599.94	249.90	18.46	PASS	
6425.00†	6378.37	125.38	736.29	6347.87	6312.10	-610.52	-3818.19	-179.51	4614.02	246.19	18.79	PASS	
6428.02	6381.37	125.45	736.66	6351.12	6315.35	-610.49	-3818.24	-179.51	4614.44	246.08	18.80	PASS	
6525.00†	6478.12	127.33	741.32	6453.27	6417.49	-609.35	-3819.83	-41.27	4620.66	243.35	19.04	PASS	
6625.00†	6577.44	128.90	730.68	6557.48	6521.67	-608.09	-3821.37	-13.63	4611.66	240.97	19.19	PASS	
6725.00†	6673.88	130.05	704.65	6658.69	6622.87	-606.75	-3822.77	-11.44	4587.27	239.23	19.23	PASS	
6825.00†	6765.06	130.75	663.85	6735.45	6699.61	-605.76	-3823.93	-11.14	4548.28	237.66	19.19	PASS	
6925.00†	6848.75	130.99	609.29	6806.35	6770.50	-604.95	-3825.20	-11.68	4495.83	236.14	19.09	PASS	
7025.00†	6922.87	130.76	542.32	6869.71	6833.84	-604.30	-3826.52	-12.98	4431.14	234.73	18.93	PASS	
7125.00†	6985.61	130.07	464.59	6923.98	6888.09	-603.81	-3827.77	-15.29	4355.74	233.52	18.71	PASS	
7225.00†	7035.42	128.94	378.00	6981.76	6945.85	-603.36	-3829.15	-19.49	4271.35	232.26	18.44	PASS	
7325.00†	7071.07	127.38	284.70	7030.53	6994.61	-603.02	-3830.19	-27.86	4179.90	231.28	18.13	PASS	
7425.00†	7091.69	125.45	186.97	7059.44	7023.52	-602.84	-3830.73	-47.55	4083.75	230.84	17.74	PASS	
7511.52	7097.00	123.50	100.71	7068.18	7032.25	-602.78	-3830.89	-86.47	3998.64	230.95	17.36	PASS	
7525.00†	7096.91	123.18	87.23	7068.37	7032.44	-602.78	-3830.89	-86.49	3985.33	231.00	17.30	PASS	
7625.00†	7096.26	120.81	-12.74	7069.74	7033.81	-602.77	-3830.91	-86.61	3886.63	231.42	16.84	PASS	
7725.00†	7095.61	118.43	-112.71	7071.10	7035.17	-602.77	-3830.94	-86.73	3788.00	231.87	16.38	PASS	
7825.00†	7094.96	116.05	-212.68	7072.43	7036.51	-602.76	-3830.96	-86.85	3689.45	232.38	15.92	PASS	
7925.00†	7094.31	113.68	-312.65	7073.75	7037.82	-602.75	-3830.98	-86.97	3590.98	232.94	15.46	PASS	
8025.00†	7093.66	111.30	-412.62	7075.05	7039.12	-602.74	-3831.01	-87.09	3492.59	233.55	15.00	PASS	
8125.00†	7093.01	108.92	-512.59	7076.33	7040.40	-602.74	-3831.03	-87.20	3394.30	234.24	14.53	PASS	
8225.00†	7092.36	106.55	-612.56	7077.59	7041.66	-602.73	-3831.05	-87.32	3296.10	234.99	14.07	PASS	
8325.00†	7091.70	104.17	-712.53	7078.84	7042.91	-602.72	-3831.07	-87.43	3198.03	235.82	13.60	PASS	
8425.00†	7091.05	101.79	-812.50	7080.07	7044.14	-602.71	-3831.09	-87.54	3100.07	236.75	13.13	PASS	
8525.00†	7090.40	99.41	-912.47	7081.28	7045.35	-602.71	-3831.11	-87.65	3002.25	237.77	12.66	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 85 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 2-2-21 AWB Offset Wellpath: EX. FRITZLER 2-2-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#04 EX. FRITZLER 2-2-21(1707'FNL & 569'FWL, PR, NB/CD) Well: EX. FRITZLER 2-2-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7082.47	7046.54	-602.70	-3831.13	-87.76	2904.57	238.90	12.19	PASS	
8725.00†	7089.10	94.66	-1112.41	7083.65	7047.72	-602.69	-3831.15	-87.87	2807.06	240.16	11.72	PASS	
8825.00†	7088.45	92.28	-1212.38	7084.81	7048.88	-602.69	-3831.17	-87.97	2709.73	241.56	11.25	PASS	
8861.52	7088.21	91.42	-1248.88	7085.23	7049.30	-602.69	-3831.18	-88.01	2674.24	242.11	11.07	PASS	
8925.00†	7087.80	88.85	-1312.31	7085.95	7050.02	-602.68	-3831.19	-87.79	2612.35	243.05	10.78	PASS	
9025.00†	7087.14	80.54	-1411.95	7087.04	7051.11	-602.68	-3831.21	-87.27	2514.14	244.36	10.32	PASS	
9125.00†	7086.49	67.03	-1511.02	7088.07	7052.13	-602.67	-3831.22	-86.28	2415.17	245.41	9.87	PASS	
9216.11	7085.90	50.22	-1600.55	7088.95	7053.02	-602.67	-3831.24	-84.19	2324.50	246.09	9.47	PASS	
9225.00†	7085.84	48.37	-1609.25	7089.04	7053.10	-602.67	-3831.24	-84.22	2315.63	246.15	9.43	PASS	
9316.11	7085.25	29.43	-1698.37	7089.89	7053.96	-602.66	-3831.25	-84.50	2224.80	246.71	9.04	PASS	
9325.00†	7085.19	27.60	-1707.07	7089.97	7054.04	-602.66	-3831.26	-84.83	2215.94	246.77	9.00	PASS	
9425.00†	7084.53	9.84	-1805.47	7090.93	7055.00	-602.65	-3831.27	-86.95	2116.58	247.75	8.56	PASS	
9525.00†	7083.88	-2.75	-1904.66	7091.92	7055.98	-602.65	-3831.29	-87.88	2018.06	249.33	8.11	PASS	
9625.00†	7083.23	-10.13	-2004.37	7092.93	7057.00	-602.64	-3831.30	-88.40	1920.79	251.66	7.65	PASS	
9674.43	7082.91	-11.85	-2053.77	7093.44	7057.51	-602.64	-3831.31	-88.57	1873.32	253.13	7.42	PASS	
9725.00†	7082.58	-12.95	-2104.32	7093.97	7058.04	-602.64	-3831.32	-88.63	1825.06	254.80	7.18	PASS	
9825.00†	7081.93	-15.13	-2204.30	7095.00	7059.06	-602.63	-3831.34	-88.74	1730.01	258.46	6.71	PASS	
9925.00†	7081.27	-17.31	-2304.27	7096.01	7060.08	-602.63	-3831.35	-88.84	1635.55	262.64	6.24	PASS	
10025.00†	7080.62	-19.49	-2404.25	7097.01	7061.08	-602.62	-3831.37	-88.94	1541.78	267.42	5.78	PASS	
10125.00†	7079.97	-21.68	-2504.22	7098.00	7062.07	-602.62	-3831.38	-89.05	1448.85	272.90	5.32	PASS	
10225.00†	7079.32	-23.86	-2604.19	7098.98	7063.05	-602.61	-3831.40	-89.15	1356.93	279.20	4.87	PASS	
10325.00†	7078.67	-26.04	-2704.17	7099.95	7064.01	-602.61	-3831.42	-89.25	1266.23	286.42	4.43	PASS	
10425.00†	7078.02	-28.22	-2804.14	7100.90	7064.97	-602.60	-3831.43	-89.35	1177.03	294.71	4.00	PASS	
10525.00†	7077.37	-30.40	-2904.12	7101.84	7065.91	-602.60	-3831.45	-89.45	1089.71	304.23	3.59	PASS	
10625.00†	7076.72	-32.58	-3004.09	7102.78	7066.84	-602.59	-3831.46	-89.54	1004.76	315.09	3.19	PASS	
10725.00†	7076.07	-34.76	-3104.07	7103.70	7067.76	-602.59	-3831.47	-89.64	922.83	327.41	2.82	PASS	
10825.00†	7075.42	-36.95	-3204.04	7104.61	7068.68	-602.58	-3831.49	-89.73	844.80	341.18	2.48	PASS	
10925.00†	7074.76	-39.13	-3304.01	7105.51	7069.57	-602.58	-3831.50	-89.83	771.85	356.16	2.17	PASS	
11025.00†	7074.11	-41.31	-3403.99	7106.40	7070.46	-602.57	-3831.52	-89.92	705.56	371.71	1.90	PASS	
11125.00†	7073.46	-43.49	-3503.96	7107.27	7071.34	-602.57	-3831.53	-90.01	647.98	386.51	1.68	PASS	
11174.43	7073.14	-44.57	-3553.38	7107.70	7071.77	-602.57	-3831.54	-90.05	623.48	392.89	1.59	PASS	
11225.00†	7072.81	-46.34	-3603.92	7108.14	7072.20	-602.56	-3831.54	-90.11	601.00	398.28	1.51	PASS	
11249.77	7072.65	-47.70	-3628.64	7108.35	7072.41	-602.56	-3831.55	-90.14	590.80	400.39	1.48	PASS	
11325.00†	7072.16	-52.30	-3703.73	7108.97	7073.04	-602.56	-3831.55	-90.20	564.91	404.14	1.40	PASS	
11425.00†	7071.51	-58.42	-3803.54	7109.80	7073.86	-602.56	-3831.57	-90.29	544.86	401.50	1.36	PASS	
11486.48†	7071.11	-62.19	-3864.91	7110.83	7074.89	-602.55	-3831.58	-90.40	541.40	395.11	1.37	PASS	
11525.00†	7070.86	-64.55	-3903.36	7110.62	7074.68	-602.55	-3831.58	-90.38	542.78	389.28	1.40	PASS	
11625.00†	7070.21	-70.67	-4003.17	7111.42	7075.49	-602.55	-3831.59	-90.46	558.89	369.48	1.51	PASS	
11725.00†	7069.56	-76.79	-4102.98	7112.22	7076.29	-602.54	-3831.60	-90.55	591.69	346.45	1.71	PASS	
11825.00†	7068.91	-82.91	-4202.79	7113.01	7077.08	-602.54	-3831.62	-90.63	638.63	324.42	1.97	PASS	
11925.00†	7068.25	-89.04	-4302.60	7113.79	7077.86	-602.53	-3831.63	-90.71	696.84	305.81	2.28	PASS	
12025.00†	7067.60	-95.16	-4402.41	7114.56	7078.63	-602.53	-3831.64	-90.80	763.76	291.14	2.63	PASS	
12125.00†	7066.95	-101.28	-4502.22	7115.33	7079.39	-602.53	-3831.65	-90.88	837.30	279.89	3.00	PASS	
12225.00†	7066.30	-107.40	-4602.03	7116.08	7080.15	-602.52	-3831.66	-90.96	915.86	271.27	3.38	PASS	
12325.00†	7065.65	-113.52	-4701.84	7116.83	7080.89	-602.52	-3831.67	-91.04	998.27	264.58	3.78	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 86 of 190



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. FRITZLER 2-2-21 AWB Offset Wellpath: EX. FRITZLER 2-2-21 AWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. FRITZLER 2-2-21 AWB Offset Wellpath: EX. FRITZLER 2-2-21 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7404.00	BHI Unknown Tool (Standard)	MS ENERGY SERVICES DIRECTIONAL SURVEY FROM COGCC <80-7404>	EX. FRITZLER 2-2-21 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. FRITZLER 2-2-21 AWB Offset Wellpath: EX. FRITZLER 2-2-21 AWP	
MD Reference: Rig on SLOT#04 EX. FRITZLER 2-2-21(1707'FNL & 569'FWL, PR, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 87 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 5C-20-L PWB Offset Wellpath: DONN 5C-20-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#23 DONN 5C-20-L (938'FNL & 252'FEL, SEC.21) Well: DONN 5C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	24.00	25.00	-139.90	-1.11	-179.54	139.90	1.26	463.13	PASS	
125.00†	125.00	0.00	0.00	124.00	125.00	-139.90	-1.11	-179.54	139.90	1.88	151.13	PASS	
225.00†	225.00	0.00	0.00	224.00	225.00	-139.90	-1.11	-179.54	139.90	2.45	93.45	PASS	
300.00	300.00	0.00	0.00	299.00	300.00	-139.90	-1.11	-179.54	139.90	2.90	71.88	PASS	
325.00†	325.00	0.02	0.11	323.09	324.09	-139.97	-1.06	100.14	140.00	3.04	66.87	PASS	
425.00†	424.96	0.46	2.69	419.27	420.23	-141.90	0.35	100.51	142.46	3.83	49.28	PASS	
525.00†	524.77	1.48	8.71	515.21	516.01	-146.42	3.66	101.32	148.25	4.92	37.26	PASS	
625.00†	624.30	3.09	18.15	610.75	611.14	-153.48	8.83	102.46	157.40	5.90	31.71	PASS	
660.88	659.93	3.81	22.38	644.90	645.07	-156.63	11.14	102.92	161.52	6.23	30.47	PASS	
725.00†	723.54	5.16	30.32	705.76	705.40	-163.05	15.83	103.73	169.80	6.80	28.91	PASS	
825.00†	822.75	7.27	42.70	800.22	798.68	-175.05	24.62	104.30	184.79	7.69	27.34	PASS	
925.00†	921.95	9.38	55.09	893.94	890.69	-189.40	35.12	104.19	202.21	8.54	26.56	PASS	
1025.00†	1021.16	11.49	67.48	992.11	986.75	-205.74	47.08	103.81	220.88	9.26	26.50	PASS	
1125.00†	1120.37	13.60	79.86	1090.34	1082.87	-222.09	59.05	103.49	239.56	9.99	26.43	PASS	
1225.00†	1219.58	15.71	92.25	1188.57	1178.99	-238.44	71.02	103.21	258.24	10.74	26.30	PASS	
1325.00†	1318.78	17.82	104.63	1286.80	1275.11	-254.79	82.99	102.98	276.93	11.51	26.16	PASS	
1425.00†	1417.99	19.93	117.02	1385.04	1371.23	-271.14	94.96	102.77	295.62	12.29	26.01	PASS	
1525.00†	1517.20	22.04	129.40	1483.27	1467.35	-287.49	106.93	102.58	314.32	13.10	25.82	PASS	
1625.00†	1616.41	24.15	141.79	1581.50	1563.47	-303.84	118.89	102.42	333.01	13.89	25.70	PASS	
1725.00†	1715.61	26.25	154.17	1679.73	1659.59	-320.19	130.86	102.28	351.71	14.69	25.55	PASS	
1825.00†	1814.82	28.36	166.56	1777.96	1755.71	-336.54	142.83	102.15	370.42	14.95	25.97	PASS	
1925.00†	1914.03	30.47	178.95	1876.20	1851.83	-352.88	154.80	102.03	389.12	15.13	26.92	PASS	
2025.00†	2013.24	32.58	191.33	1974.43	1947.95	-369.23	166.77	101.92	407.83	15.33	27.84	PASS	
2125.00†	2112.44	34.69	203.72	2072.66	2044.07	-385.58	178.73	101.82	426.53	15.61	28.57	PASS	
2225.00†	2211.65	36.80	216.10	2170.89	2140.19	-401.93	190.70	101.73	445.24	15.97	29.14	PASS	
2325.00†	2310.86	38.91	228.49	2269.13	2236.31	-418.28	202.67	101.65	463.95	16.39	29.54	PASS	
2425.00†	2410.07	41.02	240.87	2367.36	2332.43	-434.63	214.64	101.57	482.66	16.88	29.80	PASS	
2525.00†	2509.28	43.13	253.26	2465.59	2428.55	-450.98	226.61	101.50	501.37	17.43	29.95	PASS	
2625.00†	2608.48	45.24	265.64	2563.82	2524.67	-467.33	238.58	101.44	520.08	18.03	29.99	PASS	
2725.00†	2707.69	47.35	278.03	2662.05	2620.79	-483.68	250.54	101.38	538.79	18.68	29.95	PASS	
2825.00†	2806.90	49.46	290.41	2760.29	2716.91	-500.03	262.51	101.32	557.50	19.37	29.83	PASS	
2925.00†	2906.11	51.56	302.80	2858.52	2813.03	-516.38	274.48	101.27	576.22	20.11	29.67	PASS	
3025.00†	3005.31	53.67	315.19	2956.75	2909.15	-532.73	286.45	101.22	594.93	20.88	29.46	PASS	
3125.00†	3104.52	55.78	327.57	3054.98	3005.27	-549.08	298.42	101.17	613.64	21.67	29.24	PASS	
3225.00†	3203.73	57.89	339.96	3153.22	3101.39	-565.43	310.38	101.13	632.36	22.50	28.99	PASS	
3325.00†	3302.94	60.00	352.34	3251.45	3197.51	-581.78	322.35	101.09	651.07	23.35	28.73	PASS	
3425.00†	3402.14	62.11	364.73	3349.68	3293.63	-598.13	334.32	101.05	669.79	24.22	28.46	PASS	
3525.00†	3501.35	64.22	377.11	3447.91	3389.75	-614.48	346.29	101.01	688.50	25.11	28.19	PASS	
3625.00†	3600.56	66.33	389.50	3546.14	3485.87	-630.83	358.26	100.97	707.22	26.02	27.92	PASS	
3725.00†	3699.77	68.44	401.88	3644.38	3581.99	-647.18	370.23	100.94	725.93	26.94	27.65	PASS	
3825.00†	3798.97	70.55	414.27	3742.61	3678.11	-663.53	382.19	100.91	744.65	27.88	27.38	PASS	
3925.00†	3898.18	72.66	426.65	3840.84	3774.23	-679.88	394.16	100.88	763.36	28.83	27.12	PASS	
4025.00†	3997.39	74.76	439.04	3939.07	3870.35	-696.22	406.13	100.85	782.08	29.79	26.87	PASS	
4125.00†	4096.60	76.87	451.43	4037.31	3966.47	-712.57	418.10	100.82	800.80	30.76	26.62	PASS	
4225.00†	4195.80	78.98	463.81	4135.54	4062.59	-728.92	430.07	100.80	819.51	31.74	26.39	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 88 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA - Offset Wellbore: DONN 5C-20-L PWB Offset Wellpath: DONN 5C-20-L PWP (REV-B.0)**

Facility: SEC.21-T06N-R66W Slot: SLOT#23 DONN 5C-20-L (938'FNL & 252'FEL, SEC.21) Well: DONN 5C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4233.77	4158.71	-745.27	442.03	100.77	838.23	32.73	26.16	PASS	
4425.00†	4394.22	83.20	488.58	4332.00	4254.83	-761.62	454.00	100.75	856.94	33.73	25.93	PASS	
4525.00†	4493.43	85.31	500.97	4430.23	4350.95	-777.97	465.97	100.73	875.66	34.73	25.72	PASS	
4625.00†	4592.64	87.42	513.35	4528.47	4447.06	-794.32	477.94	100.71	894.38	35.74	25.51	PASS	
4725.00†	4691.84	89.53	525.74	4626.70	4543.18	-810.67	489.91	100.68	913.10	36.76	25.31	PASS	
4825.00†	4791.05	91.64	538.12	4724.93	4639.30	-827.02	501.88	100.66	931.81	37.78	25.12	PASS	
4925.00†	4890.26	93.75	550.51	4823.16	4735.42	-843.37	513.84	100.65	950.53	38.81	24.93	PASS	
5025.00†	4989.47	95.86	562.89	4921.40	4831.54	-859.72	525.81	100.63	969.25	39.84	24.75	PASS	
5125.00†	5088.67	97.97	575.28	5019.63	4927.66	-876.07	537.78	100.61	987.96	40.87	24.58	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY - Offset Wellbore: DONN 5C-20-L PWB Offset Wellpath: DONN 5C-20-L PWP (REV-B.0)**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS - Offset Wellbore: DONN 5C-20-L PWB Offset Wellpath: DONN 5C-20-L PWP (REV-B.0)**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	26.00	1728.35	-85.28	-0.68	-143.80	42.16
9.625in Casing Surface	25.00	1750.00	1725.00	26.00	1728.35	-85.28	-0.68	-143.80	42.16
8.5in Open Hole	1750.00	18000.13	16250.13	1728.35	7151.00	-143.80	42.16	-506.95	-3111.38

**SURVEY PROGRAM - Offset Wellbore: DONN 5C-20-L PWB Offset Wellpath: DONN 5C-20-L PWP (REV-B.0)**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (IFR1, Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 5C-20-L PWB
1750.00	18000.13	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 5C-20-L PWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: DONN 5C-20-L PWB Offset Wellpath: DONN 5C-20-L PWP (REV-B.0)**

MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 89 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. HOOD #6-2-20 AWB Offset Wellpath: EX. HOOD #6-2-20 AWP

Facility: SEC.17-T06N-R66W Slot: SLOT#04 EX. HOOD #6-2-20 (659'FSL & 653'FEL, PR, NB/CD) Well: EX. HOOD #6-2-20 Threshold Value=1.00 † = interpolated/extrapolated station														
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status		
25.00	25.00	0.00	0.00	16.51	22.51	1355.62	-5705.20	-76.63	5864.05	50.17	119.16	PASS		
125.00†	125.00	0.00	0.00	782.70	785.30	1347.60	-5657.57	-76.60	5853.22	50.26	118.72	PASS		
225.00†	225.00	0.00	0.00	823.09	825.05	1341.05	-5654.68	-76.66	5842.42	50.35	118.28	PASS		
300.00	300.00	0.00	0.00	842.52	844.14	1337.60	-5653.56	-76.69	5835.07	50.41	117.98	PASS		
325.00†	325.00	0.02	0.11	849.00	850.51	1336.43	-5653.24	-157.05	5832.88	50.44	117.88	PASS		
425.00†	424.96	0.46	2.69	874.88	875.92	1331.65	-5652.17	-157.15	5826.91	50.54	117.52	PASS		
525.00†	524.77	1.48	8.71	900.65	901.20	1326.72	-5651.48	-157.21	5825.43	50.67	117.17	PASS		
625.00†	624.30	3.09	18.15	922.87	922.99	1322.36	-5651.18	-157.23	5828.47	50.81	116.92	PASS		
660.88	659.93	3.81	22.38	929.85	929.83	1320.99	-5651.16	-157.23	5830.68	50.85	116.87	PASS		
725.00†	723.54	5.16	30.32	942.29	942.03	1318.55	-5651.20	-157.26	5835.44	50.90	116.84	PASS		
825.00†	822.75	7.27	42.70	961.64	961.01	1314.79	-5651.47	-157.31	5844.00	50.97	116.84	PASS		
925.00†	921.95	9.38	55.09	980.93	979.93	1311.06	-5652.00	-157.35	5853.94	51.05	116.87	PASS		
1025.00†	1021.16	11.49	67.48	1000.14	998.77	1307.37	-5652.78	-157.40	5865.25	51.12	116.93	PASS		
1125.00†	1120.37	13.60	79.86	1020.80	1019.01	1303.45	-5653.88	-157.45	5877.91	51.19	117.01	PASS		
1225.00†	1219.58	15.71	92.25	1042.06	1039.87	1299.53	-5655.27	-157.50	5891.90	51.26	117.13	PASS		
1325.00†	1318.78	17.82	104.63	1063.28	1060.68	1295.74	-5656.91	-157.55	5907.20	51.33	117.27	PASS		
1425.00†	1417.99	19.93	117.02	1084.43	1081.43	1292.07	-5658.79	-157.60	5923.81	51.39	117.45	PASS		
1525.00†	1517.20	22.04	129.40	1108.29	1104.83	1288.06	-5661.20	-157.65	5941.72	51.46	117.64	PASS		
1625.00†	1616.41	24.15	141.79	1142.04	1137.83	1282.16	-5665.02	-157.73	5960.76	51.55	117.80	PASS		
1725.00†	1715.61	26.25	154.17	1175.39	1170.32	1275.92	-5669.23	-157.82	5980.89	51.65	117.93	PASS		
1825.00†	1814.82	28.36	166.56	1209.22	1203.14	1269.18	-5673.92	-157.91	6002.09	51.45	118.28	PASS		
1925.00†	1914.03	30.47	178.95	1244.33	1237.05	1261.81	-5679.22	-158.00	6024.33	51.47	118.66	PASS		
2025.00†	2013.24	32.58	191.33	1278.99	1270.39	1254.16	-5684.85	-158.10	6047.61	51.51	119.04	PASS		
2125.00†	2112.44	34.69	203.72	1313.29	1303.23	1246.24	-5690.82	-158.21	6071.92	51.55	119.41	PASS		
2225.00†	2211.65	36.80	216.10	1347.20	1335.52	1238.06	-5697.09	-158.31	6097.26	51.61	119.78	PASS		
2325.00†	2310.86	38.91	228.49	1380.63	1367.21	1229.66	-5703.66	-158.42	6123.62	51.67	120.15	PASS		
2425.00†	2410.07	41.02	240.87	1488.61	1468.99	1201.00	-5725.52	-158.78	6150.53	52.01	119.87	PASS		
2525.00†	2509.28	43.13	253.26	1697.16	1663.46	1138.37	-5767.24	-159.53	6177.49	52.87	118.42	PASS		
2625.00†	2608.48	45.24	265.64	2443.85	2336.89	836.00	-5871.64	-162.77	6193.97	57.53	108.99	PASS		
2725.00†	2707.69	47.35	278.03	2478.67	2368.29	821.36	-5875.06	-162.92	6210.86	57.86	108.67	PASS		
2825.00†	2806.90	49.46	290.41	2513.42	2399.62	806.78	-5878.77	-163.07	6228.83	58.19	108.36	PASS		
2925.00†	2906.11	51.56	302.80	2553.40	2435.66	790.08	-5883.35	-163.25	6247.82	58.57	107.97	PASS		
3025.00†	3005.31	53.67	315.19	2593.36	2471.70	773.54	-5888.22	-163.42	6267.79	58.96	107.59	PASS		
3125.00†	3104.52	55.78	327.57	2644.95	2518.23	752.27	-5894.87	-163.64	6288.69	59.45	107.04	PASS		
3225.00†	3203.73	57.89	339.96	2702.89	2570.35	728.16	-5902.61	-163.88	6310.32	60.01	106.40	PASS		
3325.00†	3302.94	60.00	352.34	2745.25	2608.26	710.23	-5908.53	-164.07	6332.76	60.47	105.96	PASS		
3425.00†	3402.14	62.11	364.73	2786.90	2645.29	692.19	-5914.66	-164.25	6356.14	60.92	105.56	PASS		
3525.00†	3501.35	64.22	377.11	2998.10	2831.31	597.06	-5945.44	-165.21	6380.25	63.01	102.40	PASS		
3625.00†	3600.56	66.33	389.50	3047.82	2875.79	575.87	-5952.09	-165.43	6403.17	63.58	101.83	PASS		
3725.00†	3699.77	68.44	401.88	3101.77	2924.41	553.73	-5959.58	-165.65	6426.89	64.20	101.22	PASS		
3825.00†	3798.97	70.55	414.27	3162.30	2978.67	528.32	-5968.25	-165.90	6451.28	64.89	100.51	PASS		
3925.00†	3898.18	72.66	426.65	3429.06	3216.66	412.83	-6002.52	-167.04	6474.14	67.68	96.65	PASS		
4025.00†	3997.39	74.76	439.04	3504.95	3284.45	379.87	-6011.44	-167.36	6496.93	68.60	95.69	PASS		
4125.00†	4096.60	76.87	451.43	3564.12	3337.22	354.11	-6018.60	-167.61	6520.33	69.34	94.99	PASS		
4225.00†	4195.80	78.98	463.81	3614.06	3381.75	332.38	-6024.89	-167.82	6544.48	70.01	94.43	PASS		

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 90 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. HOOD #6-2-20 AWP Offset Wellpath: EX. HOOD #6-2-20 AWP

Facility: SEC.17-T06N-R66W Slot: SLOT#04 EX. HOOD #6-2-20 (659'FSL & 653'FEL, PR, NB/CD) Well: EX. HOOD #6-2-20 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	3778.19	3529.63	264.06	-6044.81	-168.47	6568.32	71.85	92.32	PASS	
4425.00†	4394.22	83.20	488.58	3819.35	3566.94	247.43	-6049.80	-168.63	6592.56	72.42	91.92	PASS	
4525.00†	4493.43	85.31	500.97	3876.38	3618.50	224.16	-6057.07	-168.85	6617.60	73.17	91.32	PASS	
4625.00†	4592.64	87.42	513.35	3933.38	3669.86	200.60	-6064.52	-169.07	6643.25	73.92	90.73	PASS	
4725.00†	4691.84	89.53	525.74	3969.49	3702.11	185.11	-6069.45	-169.22	6669.72	74.47	90.41	PASS	
4825.00†	4791.05	91.64	538.12	4004.66	3733.15	169.37	-6074.47	-169.37	6697.13	75.01	90.12	PASS	
4925.00†	4890.26	93.75	550.51	4106.45	3821.43	120.89	-6089.20	-169.82	6725.24	76.37	88.87	PASS	
5025.00†	4989.47	95.86	562.89	4512.08	4174.05	-73.37	-6137.35	-171.59	6751.80	81.41	83.65	PASS	
5125.00†	5088.67	97.97	575.28	4541.47	4200.23	-86.39	-6140.33	-171.71	6776.63	81.93	83.42	PASS	
5225.00†	5187.88	100.07	587.67	4570.72	4226.25	-99.35	-6143.54	-171.82	6802.47	82.45	83.21	PASS	
5325.00†	5287.09	102.18	600.05	4597.36	4249.93	-111.15	-6146.68	-171.93	6829.32	82.93	83.05	PASS	
5425.00†	5386.30	104.29	612.44	4620.26	4270.25	-121.31	-6149.59	-172.02	6857.22	83.37	82.95	PASS	
5525.00†	5485.50	106.40	624.82	4643.02	4290.40	-131.40	-6152.69	-172.11	6886.18	83.80	82.86	PASS	
5625.00†	5584.71	108.51	637.21	4665.63	4310.40	-141.45	-6155.96	-172.20	6916.18	84.23	82.80	PASS	
5725.00†	5683.92	110.62	649.59	4695.40	4336.64	-154.72	-6160.55	-172.32	6947.20	84.75	82.66	PASS	
5825.00†	5783.13	112.73	661.98	6073.46	5633.37	-562.32	-6272.50	-175.85	6968.66	97.19	72.22	PASS	
5925.00†	5882.33	114.84	674.36	6267.67	5826.96	-577.59	-6273.54	-175.99	6982.55	98.30	71.54	PASS	
6025.00†	5981.54	116.95	686.75	6353.98	5913.15	-582.18	-6273.85	-176.04	6995.96	98.97	71.19	PASS	
6125.00†	6080.75	119.06	699.13	6440.40	5999.50	-585.44	-6274.45	-176.07	7009.55	99.64	70.84	PASS	
6225.00†	6179.96	121.17	711.52	6554.05	6113.12	-588.14	-6275.45	-176.10	7023.20	100.37	70.46	PASS	
6325.00†	6279.17	123.27	723.91	6683.53	6242.57	-590.46	-6276.18	-176.12	7036.47	101.15	70.05	PASS	
6425.00†	6378.37	125.38	736.29	6784.76	6343.79	-591.81	-6276.44	-176.14	7049.40	101.84	69.70	PASS	
6428.02	6381.37	125.45	736.66	6786.82	6345.86	-591.84	-6276.45	-176.14	7049.79	101.86	69.69	PASS	
6525.00†	6478.12	127.33	741.32	6853.55	6412.58	-592.86	-6276.83	-37.96	7055.30	102.42	69.36	PASS	
6625.00†	6577.44	128.90	730.68	6922.13	6481.14	-594.12	-6277.49	-10.27	7046.03	103.21	68.73	PASS	
6725.00†	6673.88	130.05	704.65	6988.93	6547.92	-595.57	-6278.40	-7.93	7021.78	104.57	67.60	PASS	
6825.00†	6765.06	130.75	663.85	7059.12	6618.08	-597.29	-6279.63	-7.37	6983.09	105.72	66.49	PASS	
6925.00†	6848.75	130.99	609.29	7143.13	6702.05	-599.20	-6281.21	-7.51	6930.64	106.78	65.35	PASS	
7025.00†	6922.87	130.76	542.32	7217.95	6776.85	-600.67	-6282.65	-8.16	6865.61	107.60	64.23	PASS	
7125.00†	6985.61	130.07	464.59	7281.76	6840.63	-601.75	-6283.90	-9.47	6789.60	108.23	63.14	PASS	
7225.00†	7035.42	128.94	378.00	7331.63	6890.49	-602.47	-6284.90	-11.91	6704.49	108.67	62.09	PASS	
7325.00†	7071.07	127.38	284.70	7365.48	6924.32	-602.91	-6285.59	-16.96	6612.38	108.93	61.09	PASS	
7425.00†	7091.69	125.45	186.97	7385.95	6944.79	-603.16	-6286.03	-31.02	6515.53	109.06	60.12	PASS	
7511.52	7097.00	123.50	100.71	7392.44	6951.27	-603.24	-6286.17	-79.74	6429.74	109.10	59.31	PASS	
7525.00†	7096.91	123.18	87.23	7392.62	6951.46	-603.24	-6286.17	-79.76	6416.31	109.10	59.19	PASS	
7625.00†	7096.26	120.81	-12.74	7394.00	6952.84	-603.26	-6286.20	-79.88	6316.73	109.11	58.26	PASS	
7725.00†	7095.61	118.43	-112.71	7395.39	6954.23	-603.27	-6286.23	-80.03	6217.17	109.13	57.33	PASS	
7825.00†	7094.96	116.05	-212.68	7396.78	6955.62	-603.29	-6286.26	-80.16	6117.61	109.16	56.40	PASS	
7925.00†	7094.31	113.68	-312.65	7398.18	6957.01	-603.31	-6286.29	-80.30	6018.08	109.19	55.47	PASS	
8025.00†	7093.66	111.30	-412.62	7399.58	6958.41	-603.32	-6286.32	-80.43	5918.55	109.24	54.53	PASS	
8125.00†	7093.01	108.92	-512.59	7400.98	6959.82	-603.34	-6286.35	-80.57	5819.05	109.29	53.59	PASS	
8225.00†	7092.36	106.55	-612.56	7402.40	6961.23	-603.35	-6286.38	-80.71	5719.56	109.35	52.64	PASS	
8325.00†	7091.70	104.17	-712.53	7403.81	6962.65	-603.37	-6286.41	-80.84	5620.09	109.42	51.69	PASS	
8425.00†	7091.05	101.79	-812.50	7405.23	6964.07	-603.39	-6286.44	-80.98	5520.64	109.50	50.74	PASS	
8525.00†	7090.40	99.41	-912.47	7406.66	6965.49	-603.40	-6286.47	-81.12	5421.20	109.60	49.78	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 91 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. HOOD #6-2-20 AWP Offset Wellpath: EX. HOOD #6-2-20 AWP

Facility: SEC.17-T06N-R66W Slot: SLOT#04 EX. HOOD #6-2-20 (659'FSL & 653'FEL, PR, NB/CD) Well: EX. HOOD #6-2-20 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7408.09	6966.92	-603.42	-6286.50	-81.26	5321.79	109.71	48.82	PASS	
8725.00†	7089.10	94.66	-1112.41	7409.53	6968.36	-603.43	-6286.54	-81.60	5222.40	109.83	47.85	PASS	
8825.00†	7088.45	92.28	-1212.38	7410.97	6969.80	-603.45	-6286.57	-81.54	5123.04	109.97	46.88	PASS	
8861.52	7088.21	91.42	-1248.88	7411.50	6970.33	-603.46	-6286.58	-81.59	5086.76	110.03	46.52	PASS	
8925.00†	7087.80	88.85	-1312.31	7412.43	6971.26	-603.47	-6286.60	-78.38	5023.59	110.12	45.91	PASS	
9025.00†	7087.14	80.54	-1411.95	7413.93	6972.76	-603.48	-6286.63	-60.92	4923.77	110.21	44.96	PASS	
9125.00†	7086.49	67.03	-1511.02	7415.48	6974.31	-603.50	-6286.67	53.04	4823.79	110.24	44.04	PASS	
9216.11	7085.90	50.22	-1600.55	7416.93	6975.76	-603.52	-6286.70	76.66	4732.80	110.20	43.22	PASS	
9225.00†	7085.84	48.37	-1609.25	7417.07	6975.90	-603.52	-6286.70	76.68	4723.94	110.19	43.14	PASS	
9316.11	7085.25	29.43	-1698.37	7418.54	6977.37	-603.53	-6286.73	76.92	4633.07	110.13	42.33	PASS	
9325.00†	7085.19	27.60	-1707.07	7418.68	6977.51	-603.54	-6286.74	76.08	4624.21	110.13	42.26	PASS	
9425.00†	7084.53	9.84	-1805.47	7420.27	6979.10	-603.55	-6286.77	44.33	4524.32	110.10	41.36	PASS	
9525.00†	7083.88	-2.75	-1904.66	7421.83	6980.66	-603.57	-6286.81	-65.09	4424.35	110.14	40.42	PASS	
9625.00†	7083.23	-10.13	-2004.37	7423.36	6982.19	-603.59	-6286.84	-79.37	4324.57	110.25	39.47	PASS	
9674.43	7082.91	-11.85	-2053.77	7424.10	6982.92	-603.59	-6286.86	-81.76	4275.41	110.34	38.99	PASS	
9725.00†	7082.58	-12.95	-2104.32	7424.85	6983.68	-603.60	-6286.87	-81.84	4225.20	110.45	38.50	PASS	
9825.00†	7081.93	-15.13	-2204.30	7426.34	6985.17	-603.62	-6286.91	-82.01	4125.94	110.68	37.51	PASS	
9925.00†	7081.27	-17.31	-2304.27	7427.83	6986.66	-603.63	-6286.94	-82.18	4026.70	110.94	36.52	PASS	
10025.00†	7080.62	-19.49	-2404.25	7429.34	6988.16	-603.65	-6286.97	-82.35	3927.51	111.24	35.53	PASS	
10125.00†	7079.97	-21.68	-2504.22	7430.84	6989.67	-603.66	-6287.01	-82.52	3828.36	111.57	34.53	PASS	
10225.00†	7079.32	-23.86	-2604.19	7432.36	6991.18	-603.68	-6287.04	-82.69	3729.25	111.95	33.52	PASS	
10325.00†	7078.67	-26.04	-2704.17	7433.87	6992.70	-603.70	-6287.07	-82.86	3630.19	112.37	32.51	PASS	
10425.00†	7078.02	-28.22	-2804.14	7435.40	6994.22	-603.71	-6287.11	-83.03	3531.18	112.84	31.49	PASS	
10525.00†	7077.37	-30.40	-2904.12	7436.93	6995.75	-603.73	-6287.14	-83.20	3432.23	113.36	30.46	PASS	
10625.00†	7076.72	-32.58	-3004.09	7438.46	6997.29	-603.74	-6287.18	-83.38	3333.34	113.95	29.43	PASS	
10725.00†	7076.07	-34.76	-3104.07	7440.01	6998.83	-603.76	-6287.21	-83.55	3234.52	114.60	28.39	PASS	
10825.00†	7075.42	-36.95	-3204.04	7441.55	7000.38	-603.77	-6287.25	-83.73	3135.77	115.34	27.35	PASS	
10925.00†	7074.76	-39.13	-3304.01	7443.11	7001.93	-603.79	-6287.28	-83.90	3037.11	116.15	26.30	PASS	
11025.00†	7074.11	-41.31	-3403.99	7444.66	7003.49	-603.81	-6287.32	-84.08	2938.53	117.07	25.25	PASS	
11125.00†	7073.46	-43.49	-3503.96	7446.23	7005.05	-603.82	-6287.35	-84.26	2840.05	118.09	24.19	PASS	
11174.43	7073.14	-44.57	-3553.38	7447.00	7005.83	-603.83	-6287.37	-84.35	2791.41	118.64	23.66	PASS	
11225.00†	7072.81	-46.34	-3603.92	7447.81	7006.63	-603.84	-6287.39	-83.52	2741.57	119.19	23.13	PASS	
11249.77	7072.65	-47.70	-3628.64	7448.20	7007.02	-603.84	-6287.39	-83.01	2717.09	119.44	22.88	PASS	
11325.00†	7072.16	-52.30	-3703.73	7449.41	7008.24	-603.85	-6287.42	-83.18	2642.68	120.21	22.11	PASS	
11425.00†	7071.51	-58.42	-3803.54	7451.03	7009.85	-603.87	-6287.46	-83.41	2543.84	121.32	21.08	PASS	
11525.00†	7070.86	-64.55	-3903.36	7452.65	7011.47	-603.88	-6287.50	-83.65	2445.10	122.57	20.06	PASS	
11625.00†	7070.21	-70.67	-4003.17	7454.28	7013.10	-603.90	-6287.53	-83.88	2346.47	123.95	19.03	PASS	
11725.00†	7069.56	-76.79	-4102.98	7455.91	7014.73	-603.92	-6287.57	-84.12	2247.96	125.50	18.01	PASS	
11825.00†	7068.91	-82.91	-4202.79	7457.55	7016.37	-603.93	-6287.61	-84.36	2149.58	127.23	16.98	PASS	
11925.00†	7068.25	-89.04	-4302.60	7459.20	7018.02	-603.95	-6287.64	-84.59	2051.36	129.18	15.96	PASS	
12025.00†	7067.60	-95.16	-4402.41	7460.85	7019.67	-603.96	-6287.68	-84.83	1953.32	131.38	14.94	PASS	
12125.00†	7066.95	-101.28	-4502.22	7462.50	7021.32	-603.98	-6287.72	-85.07	1855.48	133.87	13.93	PASS	
12225.00†	7066.30	-107.40	-4602.03	7464.17	7022.98	-603.99	-6287.76	-85.32	1757.89	136.70	12.92	PASS	
12325.00†	7065.65	-113.52	-4701.84	7465.84	7024.65	-604.01	-6287.80	-85.56	1660.58	139.92	11.92	PASS	
12425.00†	7065.00	-119.65	-4801.65	7467.51	7026.33	-604.02	-6287.84	-85.80	1563.61	143.61	10.94	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 92 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798°FNL & 251°FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83, TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. HOOD #6-2-20 AWB** Offset Wellpath: **EX. HOOD #6-2-20 AWP**

Facility: SEC.17-T06N-R66W Slot: SLOT#04 EX. HOOD #6-2-20 (659°FSL & 653°FEL, PR, NB/CD) Well: EX. HOOD #6-2-20 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
12525.00†	7064.35	-125.77	-4901.46	7469.19	7028.01	-604.04	-6287.87	-86.04	1467.04	147.86	9.96	PASS
12625.00†	7063.70	-131.89	-5001.27	7470.88	7029.69	-604.06	-6287.91	-86.29	1370.97	152.78	9.01	PASS
12725.00†	7063.05	-138.01	-5101.08	7472.57	7031.38	-604.07	-6287.95	-86.54	1275.49	158.51	8.08	PASS
12825.00†	7062.40	-144.13	-5200.89	7474.27	7033.08	-604.09	-6287.99	-86.78	1180.76	165.21	7.17	PASS
12925.00†	7061.74	-150.26	-5300.70	7475.98	7034.79	-604.10	-6288.03	-87.03	1086.98	173.13	6.30	PASS
12949.77	7061.58	-151.77	-5325.42	7476.40	7035.21	-604.11	-6288.04	-87.09	1063.93	175.30	6.09	PASS
13025.00†	7061.09	-154.90	-5400.58	7477.67	7036.49	-604.12	-6288.07	-87.50	995.01	182.89	5.46	PASS
13125.00†	7060.44	-154.47	-5500.57	7479.33	7038.14	-604.13	-6288.11	-87.92	907.15	195.84	4.65	PASS
13225.00†	7059.78	-148.80	-5600.39	7480.95	7039.76	-604.15	-6288.15	-88.23	825.07	212.61	3.89	PASS
13325.00†	7059.12	-137.92	-5699.79	7482.51	7041.32	-604.16	-6288.18	-88.48	750.94	233.61	3.22	PASS
13425.00†	7058.47	-121.86	-5798.47	7484.03	7042.84	-604.17	-6288.22	-88.68	687.55	258.72	2.66	PASS
13506.75	7057.93	-104.90	-5878.44	7485.22	7044.03	-604.18	-6288.25	-88.81	646.08	281.54	2.30	PASS
13525.00†	7057.81	-100.73	-5896.20	7485.48	7044.29	-604.18	-6288.25	-88.84	638.24	286.78	2.23	PASS
13606.75	7057.28	-82.06	-5975.79	7486.66	7045.47	-604.20	-6288.28	-88.95	608.61	309.98	1.97	PASS
13625.00†	7057.16	-77.98	-5993.58	7486.93	7045.74	-604.20	-6288.29	-88.98	603.23	315.00	1.92	PASS
13725.00†	7056.51	-58.64	-6091.68	7488.42	7047.23	-604.21	-6288.32	-89.14	580.00	340.31	1.71	PASS
13825.00†	7055.86	-44.46	-6190.65	7489.99	7048.80	-604.22	-6288.36	-89.31	568.27	360.19	1.58	PASS
13869.43†	7055.57	-39.83	-6234.84	7490.95	7049.76	-604.23	-6288.38	-89.41	566.97	366.72	1.55	PASS
13925.00†	7055.20	-35.48	-6290.24	7491.63	7050.44	-604.24	-6288.40	-89.49	568.78	372.60	1.53	PASS
13947.87†	7055.05	-34.16	-6313.07	7492.02	7050.82	-604.24	-6288.41	-89.54	570.63	374.25	1.53	PASS
14025.00†	7054.55	-31.73	-6390.15	7493.33	7052.14	-604.25	-6288.44	-89.69	581.49	376.45	1.55	PASS
14092.27	7054.12	-32.15	-6457.41	7494.51	7053.32	-604.26	-6288.46	-89.82	596.54	374.30	1.59	PASS
14125.00†	7053.91	-32.93	-6490.13	7495.09	7053.90	-604.27	-6288.48	-89.88	605.88	372.02	1.63	PASS
14225.00†	7053.26	-35.31	-6590.10	7496.87	7055.67	-604.28	-6288.52	-90.06	643.96	361.04	1.79	PASS
14325.00†	7052.62	-37.69	-6690.07	7498.65	7057.46	-604.30	-6288.56	-90.23	694.46	346.13	2.01	PASS
14425.00†	7051.98	-40.08	-6790.04	7500.44	7059.25	-604.31	-6288.60	-90.41	754.89	329.61	2.29	PASS
14525.00†	7051.33	-42.46	-6890.01	7502.24	7061.04	-604.33	-6288.65	-90.59	823.06	313.09	2.63	PASS
14625.00†	7050.69	-44.84	-6989.98	7504.04	7062.85	-604.34	-6288.69	-90.77	897.22	297.47	3.02	PASS
14725.00†	7050.04	-47.23	-7089.95	7505.85	7064.66	-604.35	-6288.73	-90.95	975.99	283.16	3.45	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. HOOD #6-2-20 AWB** Offset Wellpath: **EX. HOOD #6-2-20 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. HOOD #6-2-20 AWB** Offset Wellpath: **EX. HOOD #6-2-20 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7601.00	ISCWSA MWD, Rev. 4 (Standard)	MS ENERGY SERVICES MWD SURVEY FROM COGCC <82°-7601°>	EX. HOOD #6-2-20 AWB
7601.00	7662.00	Blind Drilling (std)	Projection to bit	EX. HOOD #6-2-20 AWB

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 93 of 190



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. HOOD #6-2-20 AWB Offset Wellpath: EX. HOOD #6-2-20 AWP	
MD Reference: Rig on SLOT#04 EX. HOOD #6-2-20 (659'FSL & 653'FEL, PR, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 94 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 12-21 AWB Offset Wellpath: EX. FRITZLER 12-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#03 EX. FRITZLER 12-21 (1707'FNL & 543'FWL, PR NB/CD) Well: EX. FRITZLER 12-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	-6.00	25.00	-990.89	-4512.25	-102.39	4619.77	25.57	187.74	PASS	
125.00†	125.00	0.00	0.00	94.00	125.00	-990.89	-4512.25	-102.39	4619.77	50.36	93.50	PASS	
225.00†	225.00	0.00	0.00	194.00	225.00	-990.89	-4512.25	-102.39	4619.77	51.26	91.83	PASS	
300.00	300.00	0.00	0.00	269.00	300.00	-990.89	-4512.25	-102.39	4619.77	52.46	89.68	PASS	
325.00†	325.00	0.02	0.11	294.00	325.00	-990.89	-4512.25	177.28	4619.88	52.88	88.97	PASS	
425.00†	424.96	0.46	2.69	393.96	424.96	-990.89	-4512.25	177.28	4622.49	55.12	85.34	PASS	
525.00†	524.77	1.48	8.71	493.77	524.77	-990.89	-4512.25	177.28	4628.59	57.89	81.30	PASS	
625.00†	624.30	3.09	18.15	593.30	624.30	-990.89	-4512.25	177.27	4638.16	61.02	77.22	PASS	
660.88	659.93	3.81	22.38	628.93	659.93	-990.89	-4512.25	177.27	4642.44	62.22	75.77	PASS	
725.00†	723.54	5.16	30.32	692.54	723.54	-990.89	-4512.25	177.28	4650.49	64.37	73.32	PASS	
825.00†	822.75	7.27	42.70	791.75	822.75	-990.89	-4512.25	177.28	4663.04	67.93	69.62	PASS	
925.00†	921.95	9.38	55.09	890.95	921.95	-990.89	-4512.25	177.29	4675.59	71.66	66.12	PASS	
1025.00†	1021.16	11.49	67.48	990.16	1021.16	-990.89	-4512.25	177.30	4688.14	75.52	62.87	PASS	
1125.00†	1120.37	13.60	79.86	1089.37	1120.37	-990.89	-4512.25	177.30	4700.69	79.48	59.86	PASS	
1225.00†	1219.58	15.71	92.25	1188.58	1219.58	-990.89	-4512.25	177.31	4713.24	83.52	57.08	PASS	
1325.00†	1318.78	17.82	104.63	1287.78	1318.78	-990.89	-4512.25	177.32	4725.79	87.64	54.51	PASS	
1425.00†	1417.99	19.93	117.02	1386.99	1417.99	-990.89	-4512.25	177.33	4738.34	91.81	52.15	PASS	
1525.00†	1517.20	22.04	129.40	1486.20	1517.20	-990.89	-4512.25	177.33	4750.89	96.03	49.97	PASS	
1625.00†	1616.41	24.15	141.79	1585.41	1616.41	-990.89	-4512.25	177.34	4763.44	100.28	47.95	PASS	
1725.00†	1715.61	26.25	154.17	1684.61	1715.61	-990.89	-4512.25	177.35	4775.99	104.58	46.09	PASS	
1825.00†	1814.82	28.36	166.56	1783.82	1814.82	-990.89	-4512.25	177.35	4788.54	108.61	44.37	PASS	
1925.00†	1914.03	30.47	178.95	1883.03	1914.03	-990.89	-4512.25	177.36	4801.09	112.89	42.79	PASS	
2025.00†	2013.24	32.58	191.33	1982.24	2013.24	-990.89	-4512.25	177.37	4813.64	117.19	41.32	PASS	
2125.00†	2112.44	34.69	203.72	2081.44	2112.44	-990.89	-4512.25	177.37	4826.19	121.53	39.94	PASS	
2225.00†	2211.65	36.80	216.10	2180.65	2211.65	-990.89	-4512.25	177.38	4838.74	125.89	38.65	PASS	
2325.00†	2310.86	38.91	228.49	2279.86	2310.86	-990.89	-4512.25	177.39	4851.29	130.27	37.44	PASS	
2425.00†	2410.07	41.02	240.87	2379.07	2410.07	-990.89	-4512.25	177.40	4863.85	134.68	36.30	PASS	
2525.00†	2509.28	43.13	253.26	2478.28	2509.28	-990.89	-4512.25	177.40	4876.40	139.11	35.23	PASS	
2625.00†	2608.48	45.24	265.64	2577.48	2608.48	-990.89	-4512.25	177.41	4888.95	143.55	34.22	PASS	
2725.00†	2707.69	47.35	278.03	2676.69	2707.69	-990.89	-4512.25	177.42	4901.50	148.02	33.27	PASS	
2825.00†	2806.90	49.46	290.41	2775.90	2806.90	-990.89	-4512.25	177.42	4914.05	152.50	32.37	PASS	
2925.00†	2906.11	51.56	302.80	2875.11	2906.11	-990.89	-4512.25	177.43	4926.60	157.00	31.52	PASS	
3025.00†	3005.31	53.67	315.19	2974.31	3005.31	-990.89	-4512.25	177.43	4939.15	161.51	30.71	PASS	
3125.00†	3104.52	55.78	327.57	3073.52	3104.52	-990.89	-4512.25	177.44	4951.70	166.04	29.95	PASS	
3225.00†	3203.73	57.89	339.96	3172.73	3203.73	-990.89	-4512.25	177.45	4964.26	170.59	29.22	PASS	
3325.00†	3302.94	60.00	352.34	3271.94	3302.94	-990.89	-4512.25	177.45	4976.81	175.15	28.53	PASS	
3425.00†	3402.14	62.11	364.73	3371.14	3402.14	-990.89	-4512.25	177.46	4989.36	179.72	27.87	PASS	
3525.00†	3501.35	64.22	377.11	3470.35	3501.35	-990.89	-4512.25	177.47	5001.91	184.30	27.24	PASS	
3625.00†	3600.56	66.33	389.50	3569.56	3600.56	-990.89	-4512.25	177.47	5014.46	188.90	26.64	PASS	
3725.00†	3699.77	68.44	401.88	3668.77	3699.77	-990.89	-4512.25	177.48	5027.01	193.51	26.07	PASS	
3825.00†	3798.97	70.55	414.27	3767.97	3798.97	-990.89	-4512.25	177.49	5039.57	198.13	25.52	PASS	
3925.00†	3898.18	72.66	426.65	3867.18	3898.18	-990.89	-4512.25	177.49	5052.12	202.76	25.00	PASS	
4025.00†	3997.39	74.76	439.04	3966.39	3997.39	-990.89	-4512.25	177.50	5064.67	207.41	24.50	PASS	
4125.00†	4096.60	76.87	451.43	4065.60	4096.60	-990.89	-4512.25	177.50	5077.22	212.06	24.02	PASS	
4225.00†	4195.80	78.98	463.81	4164.80	4195.80	-990.89	-4512.25	177.51	5089.77	216.73	23.56	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 95 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 12-21 AWB Offset Wellpath: EX. FRITZLER 12-21 AWP

Facility: SEC.21-T06N-66W		Slot: SLOT#03 EX. FRITZLER 12-21 (1707'FNL & 543'FWL, PR NB/CD)		Well: EX. FRITZLER 12-21		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4325.00†	4295.01	81.09	476.20	4264.01	4295.01	-990.89	-4512.25	177.52	5102.33	221.40	23.12	PASS
4425.00†	4394.22	83.20	488.58	4363.22	4394.22	-990.89	-4512.25	177.52	5114.88	226.08	22.69	PASS
4525.00†	4493.43	85.31	500.97	4462.43	4493.43	-990.89	-4512.25	177.53	5127.43	230.77	22.28	PASS
4625.00†	4592.64	87.42	513.35	4561.64	4592.64	-990.89	-4512.25	177.54	5139.98	235.48	21.89	PASS
4725.00†	4691.84	89.53	525.74	4660.84	4691.84	-990.89	-4512.25	177.54	5152.53	240.19	21.51	PASS
4825.00†	4791.05	91.64	538.12	4760.05	4791.05	-990.89	-4512.25	177.55	5165.09	244.90	21.15	PASS
4925.00†	4890.26	93.75	550.51	4859.26	4890.26	-990.89	-4512.25	177.55	5177.64	249.63	20.80	PASS
5025.00†	4989.47	95.86	562.89	4958.47	4989.47	-990.89	-4512.25	177.56	5190.19	254.36	20.46	PASS
5125.00†	5088.67	97.97	575.28	5057.67	5088.67	-990.89	-4512.25	177.57	5202.74	259.11	20.13	PASS
5225.00†	5187.88	100.07	587.67	5156.88	5187.88	-990.89	-4512.25	177.57	5215.30	263.85	19.82	PASS
5325.00†	5287.09	102.18	600.05	5256.09	5287.09	-990.89	-4512.25	177.58	5227.85	268.61	19.51	PASS
5425.00†	5386.30	104.29	612.44	5355.30	5386.30	-990.89	-4512.25	177.58	5240.40	273.37	19.22	PASS
5525.00†	5485.50	106.40	624.82	5454.50	5485.50	-990.89	-4512.25	177.59	5252.95	278.14	18.93	PASS
5625.00†	5584.71	108.51	637.21	5553.71	5584.71	-990.89	-4512.25	177.59	5265.51	282.92	18.66	PASS
5725.00†	5683.92	110.62	649.59	5652.92	5683.92	-990.89	-4512.25	177.60	5278.06	287.70	18.39	PASS
5825.00†	5783.13	112.73	661.98	5752.13	5783.13	-990.89	-4512.25	177.61	5290.61	292.48	18.13	PASS
5925.00†	5882.33	114.84	674.36	5851.33	5882.33	-990.89	-4512.25	177.61	5303.17	297.28	17.88	PASS
6025.00†	5981.54	116.95	686.75	5950.54	5981.54	-990.89	-4512.25	177.62	5315.72	302.08	17.64	PASS
6125.00†	6080.75	119.06	699.13	6049.75	6080.75	-990.89	-4512.25	177.62	5328.27	306.88	17.40	PASS
6225.00†	6179.96	121.17	711.52	6148.96	6179.96	-990.89	-4512.25	177.63	5340.83	311.69	17.17	PASS
6325.00†	6279.17	123.27	723.91	6248.17	6279.17	-990.89	-4512.25	177.63	5353.38	316.50	16.95	PASS
6425.00†	6378.37	125.38	736.29	6347.37	6378.37	-990.89	-4512.25	177.64	5365.93	321.32	16.73	PASS
6428.02	6381.37	125.45	736.66	6350.37	6381.37	-990.89	-4512.25	177.64	5366.31	321.47	16.73	PASS
6525.00†	6478.12	127.33	741.32	6447.12	6478.12	-990.89	-4512.25	-44.13	5371.25	326.15	16.50	PASS
6625.00†	6577.44	128.90	730.68	6546.44	6577.44	-990.89	-4512.25	-16.56	5361.18	331.18	16.22	PASS
6725.00†	6673.88	130.05	704.65	6642.88	6673.88	-990.89	-4512.25	-14.53	5335.96	336.69	15.88	PASS
6825.00†	6765.06	130.75	663.85	6734.06	6765.06	-990.89	-4512.25	-14.50	5296.23	341.69	15.53	PASS
6925.00†	6848.75	130.99	609.29	6817.75	6848.75	-990.89	-4512.25	-15.46	5242.98	346.20	15.17	PASS
7025.00†	6922.87	130.76	542.32	6891.87	6922.87	-990.89	-4512.25	-17.39	5177.53	350.12	14.82	PASS
7125.00†	6985.61	130.07	464.59	6954.61	6985.61	-990.89	-4512.25	-20.71	5101.52	353.38	14.46	PASS
7225.00†	7035.42	128.94	378.00	7004.42	7035.42	-990.89	-4512.25	-26.43	5016.83	355.94	14.12	PASS
7325.00†	7071.07	127.38	284.70	7040.07	7071.07	-990.89	-4512.25	-37.14	4925.57	357.76	13.79	PASS
7425.00†	7091.69	125.45	186.97	7060.69	7091.69	-990.89	-4512.25	-59.06	4830.00	358.85	13.48	PASS
7511.52	7097.00	123.50	100.71	7066.00	7097.00	-990.89	-4512.25	-91.72	4745.65	359.22	13.24	PASS
7525.00†	7096.91	123.18	87.23	7065.91	7096.91	-990.89	-4512.25	-91.72	4732.48	359.23	13.20	PASS
7625.00†	7096.26	120.81	-12.74	7065.26	7096.26	-990.89	-4512.25	-91.68	4634.80	359.37	12.92	PASS
7725.00†	7095.61	118.43	-112.71	7064.61	7095.61	-990.89	-4512.25	-91.64	4537.23	359.54	12.64	PASS
7825.00†	7094.96	116.05	-212.68	7063.96	7094.96	-990.89	-4512.25	-91.61	4439.77	359.76	12.36	PASS
7925.00†	7094.31	113.68	-312.65	7063.31	7094.31	-990.89	-4512.25	-91.57	4342.43	360.02	12.08	PASS
8025.00†	7093.66	111.30	-412.62	7062.66	7093.66	-990.89	-4512.25	-91.53	4245.20	360.34	11.80	PASS
8125.00†	7093.01	108.92	-512.59	7062.01	7093.01	-990.89	-4512.25	-91.49	4148.11	360.71	11.52	PASS
8225.00†	7092.36	106.55	-612.56	7061.36	7092.36	-990.89	-4512.25	-91.46	4051.16	361.15	11.24	PASS
8325.00†	7091.70	104.17	-712.53	7060.70	7091.70	-990.89	-4512.25	-91.42	3954.37	361.65	10.95	PASS
8425.00†	7091.05	101.79	-812.50	7060.05	7091.05	-990.89	-4512.25	-91.38	3857.73	362.23	10.67	PASS
8525.00†	7090.40	99.41	-912.47	7059.40	7090.40	-990.89	-4512.25	-91.35	3761.27	362.90	10.38	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 96 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 12-21 AWB Offset Wellpath: EX. FRITZLER 12-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#03 EX. FRITZLER 12-21 (1707'FNL & 543'FWL, PR NB/CD) Well: EX. FRITZLER 12-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7058.75	7089.75	-990.89	-4512.25	-91.31	3665.00	363.65	10.10	PASS	
8725.00†	7089.10	94.66	-1112.41	7058.10	7089.10	-990.89	-4512.25	-91.27	3568.94	364.51	9.81	PASS	
8825.00†	7088.45	92.28	-1212.38	7057.45	7088.45	-990.89	-4512.25	-91.23	3473.10	365.47	9.52	PASS	
8861.52	7088.21	91.42	-1248.88	7057.21	7088.21	-990.89	-4512.25	-91.22	3438.16	365.85	9.41	PASS	
8925.00†	7087.80	88.85	-1312.31	7056.80	7087.80	-990.89	-4512.25	-91.36	3377.19	366.51	9.23	PASS	
9025.00†	7087.14	80.54	-1411.95	7056.14	7087.14	-990.89	-4512.25	-91.65	3280.21	367.48	8.94	PASS	
9125.00†	7086.49	67.03	-1511.02	7055.49	7086.49	-990.89	-4512.25	-92.09	3182.23	368.31	8.65	PASS	
9216.11	7085.90	50.22	-1600.55	7054.90	7085.90	-990.89	-4512.25	-92.77	3092.23	368.93	8.40	PASS	
9225.00†	7085.84	48.37	-1609.25	7054.84	7085.84	-990.89	-4512.25	-92.76	3083.42	368.99	8.37	PASS	
9316.11	7085.25	29.43	-1698.37	7054.25	7085.25	-990.89	-4512.25	-92.68	2993.16	369.55	8.11	PASS	
9325.00†	7085.19	27.60	-1707.07	7054.19	7085.19	-990.89	-4512.25	-92.58	2984.35	369.61	8.09	PASS	
9425.00†	7084.53	9.84	-1805.47	7053.53	7084.53	-990.89	-4512.25	-91.83	2885.85	370.45	7.80	PASS	
9525.00†	7083.88	-2.75	-1904.66	7052.88	7083.88	-990.89	-4512.25	-91.40	2788.54	371.67	7.52	PASS	
9625.00†	7083.23	-10.13	-2004.37	7052.23	7083.23	-990.89	-4512.25	-91.11	2692.83	373.33	7.22	PASS	
9674.43	7082.91	-11.85	-2053.77	7051.91	7082.91	-990.89	-4512.25	-91.00	2646.25	374.33	7.08	PASS	
9725.00†	7082.58	-12.95	-2104.32	7051.58	7082.58	-990.89	-4512.25	-90.98	2598.94	375.46	6.93	PASS	
9825.00†	7081.93	-15.13	-2204.30	7050.93	7081.93	-990.89	-4512.25	-90.94	2505.74	377.88	6.64	PASS	
9925.00†	7081.27	-17.31	-2304.27	7050.27	7081.27	-990.89	-4512.25	-90.90	2413.09	380.57	6.35	PASS	
10025.00†	7080.62	-19.49	-2404.25	7049.62	7080.62	-990.89	-4512.25	-90.86	2321.05	383.57	6.06	PASS	
10125.00†	7079.97	-21.68	-2504.22	7048.97	7079.97	-990.89	-4512.25	-90.82	2229.70	386.90	5.77	PASS	
10225.00†	7079.32	-23.86	-2604.19	7048.32	7079.32	-990.89	-4512.25	-90.78	2139.12	390.60	5.48	PASS	
10325.00†	7078.67	-26.04	-2704.17	7047.67	7078.67	-990.89	-4512.25	-90.74	2049.41	394.70	5.20	PASS	
10425.00†	7078.02	-28.22	-2804.14	7047.02	7078.02	-990.89	-4512.25	-90.70	1960.70	399.25	4.92	PASS	
10525.00†	7077.37	-30.40	-2904.12	7046.37	7077.37	-990.89	-4512.25	-90.66	1873.13	404.28	4.64	PASS	
10625.00†	7076.72	-32.58	-3004.09	7045.72	7076.72	-990.89	-4512.25	-90.62	1786.87	409.86	4.37	PASS	
10725.00†	7076.07	-34.76	-3104.07	7045.07	7076.07	-990.89	-4512.25	-90.58	1702.10	416.03	4.10	PASS	
10825.00†	7075.42	-36.95	-3204.04	7044.42	7075.42	-990.89	-4512.25	-90.54	1619.08	422.85	3.83	PASS	
10925.00†	7074.76	-39.13	-3304.01	7043.76	7074.76	-990.89	-4512.25	-90.50	1538.08	430.37	3.58	PASS	
11025.00†	7074.11	-41.31	-3403.99	7043.11	7074.11	-990.89	-4512.25	-90.46	1459.44	438.65	3.33	PASS	
11125.00†	7073.46	-43.49	-3503.96	7042.46	7073.46	-990.89	-4512.25	-90.42	1383.55	447.72	3.09	PASS	
11174.43	7073.14	-44.57	-3553.38	7042.14	7073.14	-990.89	-4512.25	-90.40	1347.20	452.51	2.98	PASS	
11225.00†	7072.81	-46.34	-3603.92	7041.81	7072.81	-990.89	-4512.25	-90.40	1310.44	457.54	2.87	PASS	
11249.77	7072.65	-47.70	-3628.64	7041.65	7072.65	-990.89	-4512.25	-90.40	1292.43	460.03	2.81	PASS	
11325.00†	7072.16	-52.30	-3703.73	7041.16	7072.16	-990.89	-4512.25	-90.36	1238.81	467.84	2.65	PASS	
11425.00†	7071.51	-58.42	-3803.54	7040.51	7071.51	-990.89	-4512.25	-90.32	1171.22	478.92	2.45	PASS	
11525.00†	7070.86	-64.55	-3903.36	7039.86	7070.86	-990.89	-4512.25	-90.28	1108.54	490.69	2.26	PASS	
11625.00†	7070.21	-70.67	-4003.17	7039.21	7070.21	-990.89	-4512.25	-90.24	1051.65	502.96	2.09	PASS	
11725.00†	7069.56	-76.79	-4102.98	7038.56	7069.56	-990.89	-4512.25	-90.20	1001.54	515.38	1.94	PASS	
11825.00†	7068.91	-82.91	-4202.79	7037.91	7068.91	-990.89	-4512.25	-90.15	959.27	527.49	1.82	PASS	
11925.00†	7068.25	-89.04	-4302.60	7037.25	7068.25	-990.89	-4512.25	-90.11	925.91	538.67	1.72	PASS	
12025.00†	7067.60	-95.16	-4402.41	7036.60	7067.60	-990.89	-4512.25	-90.07	902.45	548.22	1.65	PASS	
12125.00†	7066.95	-101.28	-4502.22	7035.95	7066.95	-990.89	-4512.25	-90.03	889.67	555.49	1.60	PASS	
12190.63†	7066.53	-105.30	-4567.72	7033.75	7064.75	-990.89	-4512.25	-89.89	887.33	558.68	1.59	PASS	
12225.00†	7066.30	-107.40	-4602.03	7035.30	7066.30	-990.89	-4512.25	-89.99	888.04	559.97	1.59	PASS	
12325.00†	7065.65	-113.52	-4701.84	7034.65	7065.65	-990.89	-4512.25	-89.94	897.62	561.46	1.60	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 97 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: EX. FRITZLER 12-21 AWB Offset Wellpath: EX. FRITZLER 12-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#03 EX. FRITZLER 12-21 (1707'FNL & 543'FWL, PR NB/CD) Well: EX. FRITZLER 12-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12425.00†	7065.00	-119.65	-4801.65	7034.00	7065.00	-990.89	-4512.25	-89.90	918.05	560.10	1.64	PASS	
12525.00†	7064.35	-125.77	-4901.46	7033.35	7064.35	-990.89	-4512.25	-89.86	948.64	556.28	1.71	PASS	
12625.00†	7063.70	-131.89	-5001.27	7032.70	7063.70	-990.89	-4512.25	-89.82	988.45	550.57	1.80	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: EX. FRITZLER 12-21 AWB Offset Wellpath: EX. FRITZLER 12-21 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: EX. FRITZLER 12-21 AWB Offset Wellpath: EX. FRITZLER 12-21 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7298.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7298>	EX. FRITZLER 12-21 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: EX. FRITZLER 12-21 AWB Offset Wellpath: EX. FRITZLER 12-21 AWP

MD Reference: Rig on SLOT#03 EX. FRITZLER 12-21 (1707'FNL & 543'FWL, PR NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 98 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 0-2-21 AWB Offset Wellpath: EX. FRITZLER 0-2-21 AWP

Facility: SEC.21-T06N-66W				Slot: SLOT#05 EX. FRITZLER 0-2-21 (1706'FNL & 518'FWL, PR, NB/CD)				Well: EX. FRITZLER 0-2-21		Threshold Value=1.00 † = Interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	-6.00	25.00	-990.89	-4537.29	-102.32	4644.23	25.57	188.74	PASS	
125.00†	125.00	0.00	0.00	92.33	123.33	-990.76	-4537.33	-102.32	4644.24	50.21	94.29	PASS	
225.00†	225.00	0.00	0.00	190.55	221.55	-990.32	-4537.48	-102.31	4644.30	50.26	94.19	PASS	
300.00	300.00	0.00	0.00	264.22	295.21	-989.80	-4537.66	-102.31	4644.36	50.30	94.12	PASS	
325.00†	325.00	0.02	0.11	288.77	319.77	-989.59	-4537.74	-177.36	4644.50	50.31	94.10	PASS	
425.00†	424.96	0.46	2.69	386.94	417.93	-988.55	-4538.09	177.37	4647.25	50.39	94.01	PASS	
525.00†	524.77	1.48	8.71	484.94	515.92	-987.22	-4538.56	177.39	4653.51	50.51	93.90	PASS	
625.00†	624.30	3.09	18.15	582.64	613.60	-985.59	-4539.12	177.41	4663.30	50.64	93.85	PASS	
660.88	659.93	3.81	22.38	617.60	648.55	-984.94	-4539.35	177.41	4667.66	50.68	93.87	PASS	
725.00†	723.54	5.16	30.32	680.02	710.96	-983.67	-4539.78	177.43	4675.87	50.73	93.94	PASS	
825.00†	822.75	7.27	42.70	754.99	785.91	-982.00	-4540.40	177.46	4688.80	50.80	94.07	PASS	
925.00†	921.95	9.38	55.09	793.95	824.86	-981.15	-4541.15	177.48	4702.77	50.86	94.23	PASS	
1025.00†	1021.16	11.49	67.48	832.77	863.65	-980.35	-4542.40	177.49	4718.00	50.93	94.41	PASS	
1125.00†	1120.37	13.60	79.86	922.46	953.21	-977.68	-4546.13	177.54	4733.96	51.06	94.48	PASS	
1225.00†	1219.58	15.71	92.25	985.88	1016.52	-975.30	-4549.15	177.58	4750.36	51.17	94.60	PASS	
1325.00†	1318.78	17.82	104.63	1038.65	1069.19	-973.71	-4552.00	177.61	4767.57	51.27	94.76	PASS	
1425.00†	1417.99	19.93	117.02	1078.80	1109.23	-972.33	-4554.69	177.64	4785.89	51.35	94.97	PASS	
1525.00†	1517.20	22.04	129.40	1121.67	1151.92	-970.54	-4558.18	177.67	4805.42	51.43	95.20	PASS	
1625.00†	1616.41	24.15	141.79	1204.29	1234.06	-965.99	-4565.67	177.75	4825.63	51.60	95.28	PASS	
1725.00†	1715.61	26.25	154.17	1296.79	1325.85	-958.90	-4574.67	177.86	4846.07	51.80	95.30	PASS	
1825.00†	1814.82	28.36	166.56	1341.47	1370.10	-954.89	-4579.37	177.92	4867.07	51.62	95.58	PASS	
1925.00†	1914.03	30.47	178.95	1382.49	1410.69	-951.33	-4584.15	177.98	4889.21	51.65	95.96	PASS	
2025.00†	2013.24	32.58	191.33	1496.37	1523.18	-940.61	-4598.27	178.14	4911.97	51.89	95.96	PASS	
2125.00†	2112.44	34.69	203.72	1603.88	1629.20	-928.61	-4611.45	178.32	4934.30	52.14	95.93	PASS	
2225.00†	2211.65	36.80	216.10	1707.02	1730.90	-916.78	-4623.85	178.49	4956.37	52.40	95.86	PASS	
2325.00†	2310.86	38.91	228.49	1784.81	1807.59	-907.90	-4633.38	178.62	4978.70	52.61	95.90	PASS	
2425.00†	2410.07	41.02	240.87	1874.39	1895.91	-897.89	-4644.55	178.76	5001.32	52.88	95.85	PASS	
2525.00†	2509.28	43.13	253.26	1967.84	1988.10	-887.90	-4656.13	178.90	5023.99	53.18	95.73	PASS	
2625.00†	2608.48	45.24	265.64	2021.75	2041.30	-882.54	-4663.03	178.98	5047.20	53.36	95.84	PASS	
2725.00†	2707.69	47.35	278.03	2145.46	2163.25	-869.94	-4679.47	179.16	5070.95	53.81	95.48	PASS	
2825.00†	2806.90	49.46	290.41	2233.35	2249.87	-860.22	-4690.85	179.30	5094.19	54.15	95.31	PASS	
2925.00†	2906.11	51.56	302.80	2333.73	2348.97	-850.66	-4703.64	179.44	5117.51	54.56	95.02	PASS	
3025.00†	3005.31	53.67	315.19	2414.73	2428.98	-843.47	-4713.97	179.54	5140.95	54.90	94.85	PASS	
3125.00†	3104.52	55.78	327.57	2503.48	2516.56	-835.01	-4725.59	179.66	5164.65	55.30	94.59	PASS	
3225.00†	3203.73	57.89	339.96	2606.68	2618.21	-823.73	-4739.36	179.81	5188.40	55.78	94.20	PASS	
3325.00†	3302.94	60.00	352.34	2691.21	2701.30	-813.30	-4750.83	179.95	5212.20	56.21	93.90	PASS	
3425.00†	3402.14	62.11	364.73	2798.67	2806.89	-799.70	-4765.53	-179.87	5236.08	56.75	93.41	PASS	
3525.00†	3501.35	64.22	377.11	2898.49	2905.08	-787.71	-4778.86	-179.71	5259.79	57.28	92.96	PASS	
3625.00†	3600.56	66.33	389.50	2956.37	2962.01	-780.95	-4786.78	-179.62	5283.89	57.64	92.81	PASS	
3725.00†	3699.77	68.44	401.88	3037.33	3041.65	-772.02	-4798.29	-179.51	5308.61	58.11	92.48	PASS	
3825.00†	3798.97	70.55	414.27	3155.08	3157.68	-760.48	-4814.64	-179.35	5333.23	58.76	91.86	PASS	
3925.00†	3898.18	72.66	426.65	3272.61	3273.59	-749.01	-4830.40	-179.20	5357.41	59.43	91.23	PASS	
4025.00†	3997.39	74.76	439.04	3333.08	3333.18	-742.82	-4838.65	-179.12	5381.79	59.84	91.00	PASS	
4125.00†	4096.60	76.87	451.43	3423.93	3422.64	-733.60	-4851.52	-179.00	5406.69	60.41	90.54	PASS	
4225.00†	4195.80	78.98	463.81	3523.26	3520.48	-723.65	-4865.40	-178.87	5431.46	61.04	90.01	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 99 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 0-2-21 AWB Offset Wellpath: EX. FRITZLER 0-2-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#05 EX. FRITZLER 0-2-21 (1706'FNL & 518'FWL, PR, NB/CD) Well: EX. FRITZLER 0-2-21 Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	3631.20	3626.61	-711.23	-4880.63	-178.72	5456.20	61.74	89.39	PASS	
4425.00†	4394.22	83.20	488.58	3697.21	3691.53	-703.79	-4889.98	-178.63	5481.06	62.23	89.08	PASS	
4525.00†	4493.43	85.31	500.97	3759.75	3752.93	-696.32	-4899.30	-178.54	5506.55	62.71	88.79	PASS	
4625.00†	4592.64	87.42	513.35	3825.35	3817.24	-688.27	-4909.46	-178.44	5532.62	63.22	88.49	PASS	
4725.00†	4691.84	89.53	525.74	3947.21	3936.58	-672.70	-4928.50	-178.25	5558.79	64.06	87.73	PASS	
4825.00†	4791.05	91.64	538.12	4392.23	4375.36	-621.53	-4981.00	-177.66	5580.51	66.63	84.65	PASS	
4925.00†	4890.26	93.75	550.51	4877.29	4859.34	-603.98	-5000.66	-177.48	5594.93	68.93	82.00	PASS	
5025.00†	4989.47	95.86	562.89	4965.09	4947.14	-603.89	-5001.24	-177.48	5608.12	69.55	81.45	PASS	
5125.00†	5088.67	97.97	575.28	5042.12	5024.17	-603.87	-5001.98	-177.49	5621.61	70.14	80.95	PASS	
5225.00†	5187.88	100.07	587.67	5119.07	5101.11	-603.70	-5003.04	-177.49	5635.50	70.74	80.46	PASS	
5325.00†	5287.09	102.18	600.05	5275.59	5257.62	-604.00	-5004.82	-177.50	5649.26	71.64	79.64	PASS	
5425.00†	5386.30	104.29	612.44	5389.61	5371.63	-605.53	-5004.91	-177.52	5662.03	72.37	79.00	PASS	
5525.00†	5485.50	106.40	624.82	5477.44	5459.45	-607.01	-5005.04	-177.54	5674.94	73.01	78.47	PASS	
5625.00†	5584.71	108.51	637.21	5589.19	5571.18	-609.00	-5005.26	-177.56	5687.92	73.75	77.86	PASS	
5725.00†	5683.92	110.62	649.59	5712.14	5694.11	-610.68	-5005.05	-177.59	5700.47	74.54	77.20	PASS	
5825.00†	5783.13	112.73	661.98	5801.56	5783.53	-611.83	-5004.81	-177.60	5712.93	75.22	76.67	PASS	
5925.00†	5882.33	114.84	674.36	5891.02	5872.98	-613.16	-5004.72	-177.62	5725.56	75.90	76.14	PASS	
6025.00†	5981.54	116.95	686.75	5982.77	5964.72	-614.55	-5004.75	-177.64	5738.34	76.60	75.60	PASS	
6125.00†	6080.75	119.06	699.13	6074.50	6056.44	-615.86	-5004.91	-177.66	5751.25	77.31	75.07	PASS	
6225.00†	6179.96	121.17	711.52	6173.09	6155.01	-617.16	-5005.17	-177.68	5764.22	78.06	74.51	PASS	
6325.00†	6279.17	123.27	723.91	6271.05	6252.97	-618.37	-5005.44	-177.69	5777.21	78.81	73.97	PASS	
6425.00†	6378.37	125.38	736.29	6355.79	6337.71	-619.30	-5005.82	-177.71	5790.34	79.52	73.46	PASS	
6428.02	6381.37	125.45	736.66	6358.35	6340.26	-619.33	-5005.83	-177.71	5790.74	79.54	73.45	PASS	
6525.00†	6478.12	127.33	741.32	6441.00	6422.91	-620.10	-5006.42	-39.51	5796.40	80.22	72.89	PASS	
6625.00†	6577.44	128.90	730.68	6534.59	6516.49	-620.90	-5007.28	-11.86	5787.07	81.17	71.91	PASS	
6725.00†	6673.88	130.05	704.65	6627.27	6609.17	-621.75	-5008.18	-9.60	5762.45	82.71	70.26	PASS	
6825.00†	6765.06	130.75	663.85	6684.09	6665.97	-622.37	-5008.88	-9.16	5723.36	83.88	68.81	PASS	
6925.00†	6848.75	130.99	609.29	6730.93	6712.80	-623.10	-5009.76	-9.45	5671.06	84.85	67.39	PASS	
7025.00†	6922.87	130.76	542.32	6773.00	6754.85	-623.92	-5010.79	-10.35	5606.68	85.64	66.00	PASS	
7125.00†	6985.61	130.07	464.59	6809.30	6791.13	-624.76	-5011.87	-12.02	5531.65	86.26	64.65	PASS	
7225.00†	7035.42	128.94	378.00	7035.72	7017.45	-628.66	-5016.13	-16.16	5447.11	87.42	62.81	PASS	
7325.00†	7071.07	127.38	284.70	7084.94	7066.67	-628.95	-5016.19	-23.65	5354.58	87.80	61.48	PASS	
7425.00†	7091.69	125.45	186.97	7113.09	7094.82	-629.07	-5016.18	-43.85	5257.57	88.00	60.22	PASS	
7511.52	7097.00	123.50	100.71	7120.17	7101.90	-629.09	-5016.17	-93.48	5171.93	88.09	59.18	PASS	
7525.00†	7096.91	123.18	87.23	7120.03	7101.76	-629.09	-5016.17	-93.46	5158.55	88.09	59.02	PASS	
7625.00†	7096.26	120.81	-12.74	7118.97	7100.71	-629.08	-5016.17	-93.37	5059.31	88.15	57.85	PASS	
7725.00†	7095.61	118.43	-112.71	7117.93	7099.67	-629.08	-5016.17	-93.27	4960.11	88.23	56.67	PASS	
7825.00†	7094.96	116.05	-212.68	7116.90	7098.64	-629.08	-5016.17	-93.18	4860.94	88.31	55.48	PASS	
7925.00†	7094.31	113.68	-312.65	7115.89	7097.62	-629.07	-5016.18	-93.09	4761.81	88.42	54.28	PASS	
8025.00†	7093.66	111.30	-412.62	7114.88	7096.62	-629.07	-5016.18	-93.00	4662.71	88.54	53.08	PASS	
8125.00†	7093.01	108.92	-512.59	7113.89	7095.62	-629.07	-5016.18	-92.91	4563.65	88.68	51.87	PASS	
8225.00†	7092.36	106.55	-612.56	7112.91	7094.64	-629.07	-5016.18	-92.82	4464.64	88.85	50.64	PASS	
8325.00†	7091.70	104.17	-712.53	7111.94	7093.67	-629.06	-5016.18	-92.73	4365.66	89.04	49.42	PASS	
8425.00†	7091.05	101.79	-812.50	7110.98	7092.72	-629.06	-5016.18	-92.65	4266.74	89.26	48.18	PASS	
8525.00†	7090.40	99.41	-912.47	7110.04	7091.77	-629.06	-5016.18	-92.56	4167.87	89.51	46.93	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 100 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 0-2-21 AWP Offset Wellpath: EX. FRITZLER 0-2-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#05 EX. FRITZLER 0-2-21 (1706'FNL & 518'FWL, PR, NB/CD) Well: EX. FRITZLER 0-2-21 Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7109.10	7090.83	-629.05	-5016.18	-92.47	4069.05	89.79	45.67	PASS	
8725.00†	7089.10	94.66	-1112.41	7108.17	7089.91	-629.05	-5016.18	-92.39	3970.29	90.10	44.40	PASS	
8825.00†	7088.45	92.28	-1212.38	7107.26	7088.99	-629.05	-5016.18	-92.31	3871.60	90.46	43.13	PASS	
8861.52	7088.21	91.42	-1248.88	7106.93	7088.66	-629.04	-5016.19	-92.28	3835.57	90.60	42.66	PASS	
8925.00†	7087.80	88.85	-1312.31	7106.36	7088.09	-629.04	-5016.19	-92.80	3772.80	90.84	41.85	PASS	
9025.00†	7087.14	80.54	-1411.95	7105.49	7087.22	-629.04	-5016.19	-94.40	3673.42	91.13	40.62	PASS	
9125.00†	7086.49	67.03	-1511.02	7104.65	7086.39	-629.04	-5016.19	-100.73	3573.61	91.31	39.44	PASS	
9216.11	7085.90	50.22	-1600.55	7103.92	7085.66	-629.03	-5016.19	116.12	3482.52	91.35	38.41	PASS	
9225.00†	7085.84	48.37	-1609.25	7103.85	7085.59	-629.03	-5016.19	116.05	3473.63	91.35	38.32	PASS	
9316.11	7085.25	29.43	-1698.37	7103.14	7084.88	-629.03	-5016.19	115.33	3382.53	91.33	37.32	PASS	
9325.00†	7085.19	27.60	-1707.07	7103.07	7084.81	-629.03	-5016.19	125.73	3373.64	91.33	37.22	PASS	
9425.00†	7084.53	9.84	-1805.47	7102.29	7084.02	-629.03	-5016.19	-98.25	3273.67	91.40	36.09	PASS	
9525.00†	7083.88	-2.75	-1904.66	7101.49	7083.22	-629.02	-5016.19	-93.66	3173.93	91.64	34.90	PASS	
9625.00†	7083.23	-10.13	-2004.37	7100.68	7082.41	-629.02	-5016.19	-92.29	3074.75	92.08	33.64	PASS	
9674.43	7082.91	-11.85	-2053.77	7100.27	7082.00	-629.02	-5016.19	-91.92	3026.02	92.38	33.00	PASS	
9725.00†	7082.58	-12.95	-2104.32	7099.85	7081.59	-629.02	-5016.19	-91.87	2976.32	92.74	32.33	PASS	
9825.00†	7081.93	-15.13	-2204.30	7099.03	7080.77	-629.01	-5016.19	-91.79	2878.12	93.52	31.00	PASS	
9925.00†	7081.27	-17.31	-2304.27	7098.22	7079.96	-629.01	-5016.19	-91.70	2780.05	94.41	29.66	PASS	
10025.00†	7080.62	-19.49	-2404.25	7097.42	7079.16	-629.01	-5016.19	-91.62	2682.12	95.42	28.31	PASS	
10125.00†	7079.97	-21.68	-2504.22	7096.63	7078.36	-629.00	-5016.19	-91.54	2584.35	96.56	26.95	PASS	
10225.00†	7079.32	-23.86	-2604.19	7095.84	7077.58	-629.00	-5016.19	-91.46	2486.75	97.86	25.59	PASS	
10325.00†	7078.67	-26.04	-2704.17	7095.07	7076.80	-629.00	-5016.19	-91.38	2389.35	99.34	24.22	PASS	
10425.00†	7078.02	-28.22	-2804.14	7094.30	7076.03	-628.99	-5016.19	-91.30	2292.18	101.01	22.85	PASS	
10525.00†	7077.37	-30.40	-2904.12	7093.54	7075.27	-628.99	-5016.19	-91.22	2195.26	102.91	21.47	PASS	
10625.00†	7076.72	-32.58	-3004.09	7092.79	7074.52	-628.99	-5016.19	-91.14	2098.63	105.08	20.10	PASS	
10725.00†	7076.07	-34.76	-3104.07	7092.04	7073.77	-628.99	-5016.19	-91.06	2002.33	107.54	18.74	PASS	
10825.00†	7075.42	-36.95	-3204.04	7091.30	7073.04	-628.98	-5016.19	-90.99	1906.41	110.34	17.38	PASS	
10925.00†	7074.76	-39.13	-3304.01	7090.57	7072.31	-628.98	-5016.19	-90.91	1810.94	113.54	16.04	PASS	
11025.00†	7074.11	-41.31	-3403.99	7089.85	7071.58	-628.98	-5016.19	-90.84	1715.97	117.19	14.73	PASS	
11125.00†	7073.46	-43.49	-3503.96	7089.13	7070.87	-628.97	-5016.19	-90.76	1621.62	121.37	13.43	PASS	
11174.43	7073.14	-44.57	-3553.38	7088.78	7070.52	-628.97	-5016.19	-90.72	1575.23	123.66	12.81	PASS	
11225.00†	7072.81	-46.34	-3603.92	7088.43	7070.16	-628.97	-5016.19	-90.75	1527.74	126.08	12.18	PASS	
11249.77	7072.65	-47.70	-3628.64	7088.26	7069.99	-628.97	-5016.19	-90.76	1504.39	127.26	11.88	PASS	
11325.00†	7072.16	-52.30	-3703.73	7087.75	7069.48	-628.97	-5016.19	-90.70	1433.56	131.04	10.99	PASS	
11425.00†	7071.51	-58.42	-3803.54	7087.07	7068.80	-628.96	-5016.19	-90.63	1340.16	136.74	9.85	PASS	
11525.00†	7070.86	-64.55	-3903.36	7086.40	7068.14	-628.96	-5016.19	-90.55	1247.79	143.35	8.74	PASS	
11625.00†	7070.21	-70.67	-4003.17	7085.74	7067.47	-628.96	-5016.19	-90.47	1156.68	151.05	7.69	PASS	
11725.00†	7069.56	-76.79	-4102.98	7085.09	7066.82	-628.95	-5016.19	-90.40	1067.17	160.06	6.69	PASS	
11825.00†	7068.91	-82.91	-4202.79	7084.44	7066.17	-628.95	-5016.19	-90.32	979.69	170.62	5.76	PASS	
11925.00†	7068.25	-89.04	-4302.60	7083.80	7065.53	-628.95	-5016.19	-90.25	894.84	183.04	4.90	PASS	
12025.00†	7067.60	-95.16	-4402.41	7083.16	7064.90	-628.94	-5016.19	-90.17	813.43	197.62	4.13	PASS	
12125.00†	7066.95	-101.28	-4502.22	7082.53	7064.27	-628.94	-5016.19	-90.10	736.62	214.59	3.44	PASS	
12225.00†	7066.30	-107.40	-4602.03	7081.91	7063.64	-628.94	-5016.19	-90.03	665.99	233.98	2.85	PASS	
12325.00†	7065.65	-113.52	-4701.84	7081.29	7063.03	-628.94	-5016.19	-89.96	603.72	255.27	2.37	PASS	
12425.00†	7065.00	-119.65	-4801.65	7080.68	7062.42	-628.93	-5016.19	-89.89	552.64	276.92	2.00	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 101 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: EX. FRITZLER 0-2-21 AWB Offset Wellpath: EX. FRITZLER 0-2-21 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#05 EX. FRITZLER 0-2-21 (1706'FNL & 518'FWL, PR, NB/CD)						Well: EX. FRITZLER 0-2-21		Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
12525.00†	7064.35	-125.77	-4901.46	7080.08	7061.81	-628.93	-5016.19	-89.82	516.08	295.98	1.75	PASS
12625.00†	7063.70	-131.89	-5001.27	7079.48	7061.21	-628.93	-5016.19	-89.75	497.27	308.50	1.61	PASS
12669.53†	7063.41	-134.62	-5045.72	7080.70	7062.43	-628.93	-5016.19	-89.89	495.20	311.06	1.59	PASS
12684.65†	7063.31	-135.54	-5060.81	7079.12	7060.86	-628.92	-5016.19	-89.71	495.40	311.44	1.59	PASS
12725.00†	7063.05	-138.01	-5101.08	7078.88	7060.62	-628.92	-5016.19	-89.68	498.20	311.32	1.60	PASS
12825.00†	7062.40	-144.13	-5200.89	7078.30	7060.03	-628.92	-5016.19	-89.61	518.78	304.27	1.71	PASS
12925.00†	7061.74	-150.26	-5300.70	7077.72	7059.45	-628.92	-5016.19	-89.54	556.84	290.17	1.92	PASS
12949.77	7061.58	-151.77	-5325.42	7077.57	7059.31	-628.92	-5016.19	-89.53	568.59	286.03	1.99	PASS
13025.00†	7061.09	-154.90	-5400.58	7077.13	7058.86	-628.91	-5016.19	-89.45	610.29	272.94	2.24	PASS
13125.00†	7060.44	-154.47	-5500.57	7076.52	7058.25	-628.91	-5016.19	-89.32	678.03	256.22	2.65	PASS
13225.00†	7059.78	-148.80	-5600.39	7075.89	7057.62	-628.91	-5016.19	-89.17	756.17	241.81	3.13	PASS
13325.00†	7059.12	-137.92	-5699.79	7075.23	7056.97	-628.90	-5016.19	-88.98	841.65	230.19	3.66	PASS
13425.00†	7058.47	-121.86	-5798.47	7074.56	7056.29	-628.90	-5016.19	-88.73	932.24	221.22	4.22	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: EX. FRITZLER 0-2-21 AWB Offset Wellpath: EX. FRITZLER 0-2-21 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: EX. FRITZLER 0-2-21 AWB Offset Wellpath: EX. FRITZLER 0-2-21 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7365.00	ISCWSA MWD, Rev. 4 (Standard)	ENSIGN DIRECTIONAL SURVEY FROM COGCC <740-7365>	EX. FRITZLER 0-2-21 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: EX. FRITZLER 0-2-21 AWB Offset Wellpath: EX. FRITZLER 0-2-21 AWP

MD Reference: Rig on SLOT#05 EX. FRITZLER 0-2-21 (1706'FNL & 518'FWL, PR, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 102 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 32N-20B-L PWB Offset Wellpath: DONN 32N-20B-L PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#24 DONN 32N-20B-L (958'FNL & 252'FEL, SEC.21) Well: DONN 32N-20B-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	24.00	25.00	-159.94	-1.39	-179.50	159.94	1.26	529.93	PASS	
125.00†	125.00	0.00	0.00	124.00	125.00	-159.94	-1.39	-179.50	159.94	1.88	172.83	PASS	
225.00†	225.00	0.00	0.00	224.00	225.00	-159.94	-1.39	-179.50	159.94	2.45	106.86	PASS	
300.00	300.00	0.00	0.00	299.00	300.00	-159.94	-1.39	-179.50	159.94	2.90	82.20	PASS	
325.00†	325.00	0.02	0.11	322.92	323.92	-160.01	-1.34	100.18	160.04	3.04	76.49	PASS	
425.00†	424.96	0.46	2.69	418.38	419.35	-162.00	-0.08	100.55	162.58	3.85	56.01	PASS	
525.00†	524.77	1.48	8.71	513.59	514.40	-166.66	2.87	101.35	168.56	4.96	41.93	PASS	
625.00†	624.30	3.09	18.15	608.36	608.77	-173.94	7.49	102.48	178.03	5.98	35.33	PASS	
660.88	659.93	3.81	22.38	642.22	642.41	-177.18	9.54	102.94	182.28	6.33	33.82	PASS	
725.00†	723.54	5.16	30.32	702.55	702.23	-183.78	13.73	103.78	190.86	6.92	31.86	PASS	
825.00†	822.75	7.27	42.70	796.15	794.68	-196.13	21.56	104.52	206.41	7.86	29.81	PASS	
925.00†	921.95	9.38	55.09	889.00	885.86	-210.89	30.93	104.67	224.51	8.85	28.35	PASS	
1025.00†	1021.16	11.49	67.48	981.09	975.69	-227.98	41.77	104.36	245.10	9.73	27.86	PASS	
1125.00†	1120.37	13.60	79.86	1078.67	1070.55	-247.31	54.03	103.87	266.88	10.56	27.72	PASS	
1225.00†	1219.58	15.71	92.25	1176.24	1165.40	-266.64	66.29	103.47	288.67	11.41	27.53	PASS	
1325.00†	1318.78	17.82	104.63	1273.82	1260.26	-285.96	78.55	103.12	310.47	12.24	27.45	PASS	
1425.00†	1417.99	19.93	117.02	1371.40	1355.11	-305.29	90.80	102.81	332.28	13.23	27.01	PASS	
1525.00†	1517.20	22.04	129.40	1468.98	1449.97	-324.62	103.06	102.54	354.10	14.16	26.77	PASS	
1625.00†	1616.41	24.15	141.79	1566.56	1544.83	-343.95	115.32	102.31	375.92	15.10	26.53	PASS	
1725.00†	1715.61	26.25	154.17	1664.14	1639.68	-363.27	127.58	102.10	397.75	16.05	26.31	PASS	
1825.00†	1814.82	28.36	166.56	1761.71	1734.54	-382.60	139.84	101.91	419.59	16.43	26.64	PASS	
1925.00†	1914.03	30.47	178.95	1859.29	1829.40	-401.93	152.10	101.74	441.42	16.66	27.63	PASS	
2025.00†	2013.24	32.58	191.33	1956.87	1924.25	-421.26	164.36	101.59	463.27	16.80	28.74	PASS	
2125.00†	2112.44	34.69	203.72	2054.45	2019.11	-440.58	176.62	101.45	485.11	17.02	29.70	PASS	
2225.00†	2211.65	36.80	216.10	2152.03	2113.96	-459.91	188.87	101.32	506.96	17.31	30.49	PASS	
2325.00†	2310.86	38.91	228.49	2249.60	2208.82	-479.24	201.13	101.20	528.81	17.67	31.13	PASS	
2425.00†	2410.07	41.02	240.87	2347.18	2303.68	-498.57	213.39	101.09	550.66	18.10	31.63	PASS	
2525.00†	2509.28	43.13	253.26	2444.76	2398.53	-517.89	225.65	100.99	572.51	18.58	31.99	PASS	
2625.00†	2608.48	45.24	265.64	2542.34	2493.39	-537.22	237.91	100.90	594.37	19.12	32.24	PASS	
2725.00†	2707.69	47.35	278.03	2639.92	2588.24	-556.55	250.17	100.81	616.22	19.71	32.39	PASS	
2825.00†	2806.90	49.46	290.41	2737.50	2683.10	-575.88	262.43	100.73	638.08	20.35	32.45	PASS	
2925.00†	2906.11	51.56	302.80	2835.07	2777.96	-595.20	274.69	100.66	659.94	21.03	32.44	PASS	
3025.00†	3005.31	53.67	315.19	2932.65	2872.81	-614.53	286.94	100.59	681.80	21.75	32.38	PASS	
3125.00†	3104.52	55.78	327.57	3030.23	2967.67	-633.86	299.20	100.52	703.66	22.50	32.26	PASS	
3225.00†	3203.73	57.89	339.96	3127.81	3062.53	-653.19	311.46	100.46	725.52	23.28	32.12	PASS	
3325.00†	3302.94	60.00	352.34	3225.39	3157.38	-672.51	323.72	100.40	747.38	24.08	31.94	PASS	
3425.00†	3402.14	62.11	364.73	3322.97	3252.24	-691.84	335.98	100.35	769.25	24.92	31.75	PASS	
3525.00†	3501.35	64.22	377.11	3420.54	3347.09	-711.17	348.24	100.30	791.11	25.77	31.54	PASS	
3625.00†	3600.56	66.33	389.50	3518.12	3441.95	-730.50	360.50	100.25	812.97	26.65	31.31	PASS	
3725.00†	3699.77	68.44	401.88	3615.70	3536.81	-749.82	372.76	100.20	834.84	27.54	31.09	PASS	
3825.00†	3798.97	70.55	414.27	3713.28	3631.66	-769.15	385.02	100.16	856.70	28.45	30.86	PASS	
3925.00†	3898.18	72.66	426.65	3810.86	3726.52	-788.48	397.27	100.12	878.57	29.38	30.62	PASS	
4025.00†	3997.39	74.76	439.04	3908.44	3821.37	-807.81	409.53	100.08	900.43	30.31	30.39	PASS	
4125.00†	4096.60	76.87	451.43	4006.01	3916.23	-827.13	421.79	100.04	922.30	31.26	30.16	PASS	
4225.00†	4195.80	78.98	463.81	4103.59	4011.09	-846.46	434.05	100.00	944.17	32.22	29.94	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 103 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 32N-20B-L PWB Offset Wellpath: DONN 32N-20B-L PWP (REV-A.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#24 DONN 32N-20B-L (958'FNL & 252'FEL, SEC.21) Well: DONN 32N-20B-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4201.17	4105.94	-865.79	446.31	99.97	966.03	33.20	29.71	PASS	
4425.00†	4394.22	83.20	488.58	4298.75	4200.80	-885.11	458.57	99.94	987.90	34.18	29.50	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: DONN 32N-20B-L PWB Offset Wellpath: DONN 32N-20B-L PWP (REV-A.0)

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: DONN 32N-20B-L PWB Offset Wellpath: DONN 32N-20B-L PWP (REV-A.0)

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	26.00	1723.15	-97.50	-0.85	-164.66	41.75
9.625in Casing Surface	25.00	1750.00	1725.00	26.00	1723.15	-97.50	-0.85	-164.66	41.75
8.5in Open Hole	1750.00	17868.70	16118.70	1723.15	N/A	-164.66	41.75	N/A	N/A

SURVEY PROGRAM - Offset Wellbore: DONN 32N-20B-L PWB Offset Wellpath: DONN 32N-20B-L PWP (REV-A.0)

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 32N-20B-L PWB
1750.00	17868.70	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 32N-20B-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: DONN 32N-20B-L PWB Offset Wellpath: DONN 32N-20B-L PWP (REV-A.0)

MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 104 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 32C-20-L PWB Offset Wellpath: DONN 32C-20-L PWP (REV-B.0)

Facility: SEC.21-T06N-R66W Slot: SLOT#25 DONN 32C-20-L (978'FNL & 252'FEL, SEC.21) Well: DONN 32C-20-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	24.00	25.00	-179.97	-1.39	-179.56	179.98	1.26	596.71	PASS	
125.00†	125.00	0.00	0.00	124.00	125.00	-179.97	-1.39	-179.56	179.98	1.88	194.52	PASS	
225.00†	225.00	0.00	0.00	222.75	223.75	-180.05	-1.35	-179.57	180.06	2.44	121.02	PASS	
300.00	300.00	0.00	0.00	293.83	294.81	-181.32	-0.65	-179.80	181.39	3.07	85.47	PASS	
325.00†	325.00	0.02	0.11	317.50	318.46	-182.08	-0.23	99.75	182.22	3.29	77.93	PASS	
425.00†	424.96	0.46	2.69	412.01	412.81	-186.84	2.40	99.59	187.69	4.44	53.71	PASS	
525.00†	524.77	1.48	8.71	506.08	506.50	-194.28	6.50	99.87	196.62	5.47	43.42	PASS	
625.00†	624.30	3.09	18.15	599.52	599.22	-204.33	12.04	100.51	209.02	6.43	38.08	PASS	
660.88	659.93	3.81	22.38	632.85	632.20	-208.55	14.37	100.81	214.31	6.77	36.76	PASS	
725.00†	723.54	5.16	30.32	692.17	690.75	-216.90	18.98	101.45	224.76	7.36	35.01	PASS	
825.00†	822.75	7.27	42.70	784.03	780.99	-231.92	27.26	102.03	243.30	8.37	32.72	PASS	
925.00†	921.95	9.38	55.09	874.93	869.70	-249.27	36.83	102.18	264.50	9.21	31.94	PASS	
1025.00†	1021.16	11.49	67.48	968.74	960.66	-269.36	47.92	102.03	287.96	10.06	31.55	PASS	
1125.00†	1120.37	13.60	79.86	1065.87	1054.76	-290.44	59.55	101.87	311.70	10.87	31.35	PASS	
1225.00†	1219.58	15.71	92.25	1163.01	1148.87	-311.52	71.18	101.73	335.45	11.67	31.24	PASS	
1325.00†	1318.78	17.82	104.63	1260.14	1242.97	-332.61	82.81	101.60	359.19	12.60	30.79	PASS	
1425.00†	1417.99	19.93	117.02	1357.28	1337.08	-353.69	94.44	101.50	382.94	13.50	30.48	PASS	
1525.00†	1517.20	22.04	129.40	1454.42	1431.18	-374.77	106.07	101.40	406.69	14.41	30.18	PASS	
1625.00†	1616.41	24.15	141.79	1551.55	1525.29	-395.85	117.70	101.32	430.44	15.33	29.89	PASS	
1725.00†	1715.61	26.25	154.17	1648.69	1619.39	-416.94	129.33	101.24	454.20	16.27	29.61	PASS	
1825.00†	1814.82	28.36	166.56	1745.83	1713.50	-438.02	140.96	101.18	477.95	16.76	29.82	PASS	
1925.00†	1914.03	30.47	178.95	1842.96	1807.60	-459.10	152.59	101.11	501.70	17.10	30.57	PASS	
2025.00†	2013.24	32.58	191.33	1940.10	1901.71	-480.19	164.22	101.06	525.46	17.46	31.33	PASS	
2125.00†	2112.44	34.69	203.72	2037.24	1995.81	-501.27	175.85	101.01	549.21	17.89	31.92	PASS	
2225.00†	2211.65	36.80	216.10	2134.37	2089.92	-522.35	187.48	100.96	572.97	18.40	32.34	PASS	
2325.00†	2310.86	38.91	228.49	2231.51	2184.02	-543.43	199.11	100.92	596.72	18.98	32.62	PASS	
2425.00†	2410.07	41.02	240.87	2328.65	2278.13	-564.52	210.74	100.88	620.48	19.61	32.79	PASS	
2525.00†	2509.28	43.13	253.26	2425.78	2372.24	-585.60	222.37	100.84	644.23	20.30	32.85	PASS	
2625.00†	2608.48	45.24	265.64	2522.92	2466.34	-606.68	234.00	100.81	667.99	21.04	32.82	PASS	
2725.00†	2707.69	47.35	278.03	2620.06	2560.45	-627.77	245.63	100.78	691.74	21.82	32.73	PASS	
2825.00†	2806.90	49.46	290.41	2717.19	2654.55	-648.85	257.26	100.75	715.50	22.64	32.59	PASS	
2925.00†	2906.11	51.56	302.80	2814.33	2748.66	-669.93	268.89	100.72	739.25	23.50	32.41	PASS	
3025.00†	3005.31	53.67	315.19	2911.47	2842.76	-691.02	280.52	100.69	763.01	24.39	32.19	PASS	
3125.00†	3104.52	55.78	327.57	3008.60	2936.87	-712.10	292.15	100.67	786.77	25.30	31.96	PASS	
3225.00†	3203.73	57.89	339.96	3105.74	3030.97	-733.18	303.78	100.64	810.52	26.24	31.71	PASS	
3325.00†	3302.94	60.00	352.34	3202.88	3125.08	-754.26	315.41	100.62	834.28	27.21	31.46	PASS	
3425.00†	3402.14	62.11	364.73	3300.01	3219.18	-775.35	327.04	100.60	858.04	28.19	31.19	PASS	
3525.00†	3501.35	64.22	377.11	3397.15	3313.29	-796.43	338.67	100.58	881.80	29.19	30.93	PASS	
3625.00†	3600.56	66.33	389.50	3494.29	3407.39	-817.51	350.30	100.56	905.55	30.21	30.67	PASS	
3725.00†	3699.77	68.44	401.88	3591.42	3501.50	-838.60	361.93	100.55	929.31	31.24	30.41	PASS	
3825.00†	3798.97	70.55	414.27	3688.56	3595.60	-859.68	373.56	100.53	953.07	32.29	30.15	PASS	
3925.00†	3898.18	72.66	426.65	3785.70	3689.71	-880.76	385.19	100.51	976.82	33.35	29.91	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 105 of 190



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

POSITIONAL UNCERTAINTY - Offset Wellbore: DONN 32C-20-L PWB Offset Wellpath: DONN 32C-20-L PWP (REV-B.0)			
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical 1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical 3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: DONN 32C-20-L PWB Offset Wellpath: DONN 32C-20-L PWP (REV-B.0)									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	26.00	1717.54	-109.71	-0.85	-188.64	42.69
9.625in Casing Surface	25.00	1750.00	1725.00	26.00	1717.54	-109.71	-0.85	-188.64	42.69
8.5in Open Hole	1750.00	18067.79	16317.79	1717.54	7147.00	-188.64	42.69	-641.08	-3111.94

SURVEY PROGRAM - Offset Wellbore: DONN 32C-20-L PWB Offset Wellpath: DONN 32C-20-L PWP (REV-B.0)				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1750.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 32C-20-L PWB
1750.00	18067.79	Custom BHI AutoTrak Curve (Short) (Rockies 0.03Gt model)		DONN 32C-20-L PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: DONN 32C-20-L PWB Offset Wellpath: DONN 32C-20-L PWP (REV-B.0)	
MD Reference: PRECISION DRILLING (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 106 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. POPE 19-1G6 AWB Offset Wellpath: EX. POPE 19-1G6 AWP

Facility: SEC.19-T06N-R66W Slot: SLOT#02 EX. POPE 19-1G6 (661'FNL & 538'FEL, PR, CODL) Well: EX. POPE 19-1G6 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	39.00	25.00	-71.57	-10857.20	-90.38	10857.44	50.25	220.28	PASS	
125.00†	125.00	0.00	0.00	139.00	125.00	-71.57	-10857.20	-90.38	10857.44	50.74	218.10	PASS	
225.00†	225.00	0.00	0.00	239.00	225.00	-71.57	-10857.20	-90.38	10857.44	51.96	212.88	PASS	
300.00	300.00	0.00	0.00	314.00	300.00	-71.57	-10857.20	-90.38	10857.44	53.29	207.48	PASS	
325.00†	325.00	0.02	0.11	339.00	325.00	-71.57	-10857.20	-170.71	10857.54	53.85	205.26	PASS	
425.00†	424.96	0.46	2.69	438.96	424.96	-71.57	-10857.20	-170.71	10860.13	56.31	196.19	PASS	
525.00†	524.77	1.48	8.71	538.77	524.77	-71.57	-10857.20	-170.69	10866.15	59.25	186.42	PASS	
625.00†	624.30	3.09	18.15	638.30	624.30	-71.57	-10857.20	-170.67	10875.61	62.51	176.70	PASS	
660.88	659.93	3.81	22.38	673.93	659.93	-71.57	-10857.20	-170.66	10879.84	63.73	173.34	PASS	
725.00†	723.54	5.16	30.32	737.54	723.54	-71.57	-10857.20	-170.67	10887.79	65.96	167.50	PASS	
825.00†	822.75	7.27	42.70	836.75	822.75	-71.57	-10857.20	-170.68	10900.19	69.59	158.81	PASS	
925.00†	921.95	9.38	55.09	935.95	921.95	-71.57	-10857.20	-170.69	10912.59	73.38	150.68	PASS	
1025.00†	1021.16	11.49	67.48	1035.16	1021.16	-71.57	-10857.20	-170.70	10924.99	77.28	143.13	PASS	
1125.00†	1120.37	13.60	79.86	1134.37	1120.37	-71.57	-10857.20	-170.71	10937.39	81.28	136.16	PASS	
1225.00†	1219.58	15.71	92.25	1233.58	1219.58	-71.57	-10857.20	-170.72	10949.79	85.36	129.73	PASS	
1325.00†	1318.78	17.82	104.63	1332.78	1318.78	-71.57	-10857.20	-170.73	10962.20	89.50	123.81	PASS	
1425.00†	1417.99	19.93	117.02	1431.99	1417.99	-71.57	-10857.20	-170.74	10974.60	93.69	118.34	PASS	
1525.00†	1517.20	22.04	129.40	1531.20	1517.20	-71.57	-10857.20	-170.75	10987.00	97.92	113.30	PASS	
1625.00†	1616.41	24.15	141.79	1630.41	1616.41	-71.57	-10857.20	-170.76	10999.41	102.20	108.64	PASS	
1725.00†	1715.61	26.25	154.17	1729.61	1715.61	-71.57	-10857.20	-170.77	11011.81	106.50	104.33	PASS	
1825.00†	1814.82	28.36	166.56	1828.82	1814.82	-71.57	-10857.20	-170.78	11024.21	110.55	100.36	PASS	
1925.00†	1914.03	30.47	178.95	1928.03	1914.03	-71.57	-10857.20	-170.79	11036.62	114.83	96.70	PASS	
2025.00†	2013.24	32.58	191.33	2027.24	2013.24	-71.57	-10857.20	-170.80	11049.02	119.15	93.28	PASS	
2125.00†	2112.44	34.69	203.72	2126.44	2112.44	-71.57	-10857.20	-170.82	11061.43	123.49	90.09	PASS	
2225.00†	2211.65	36.80	216.10	2225.65	2211.65	-71.57	-10857.20	-170.83	11073.83	127.86	87.09	PASS	
2325.00†	2310.86	38.91	228.49	2324.86	2310.86	-71.57	-10857.20	-170.84	11086.24	132.24	84.28	PASS	
2425.00†	2410.07	41.02	240.87	2424.07	2410.07	-71.57	-10857.20	-170.85	11098.64	136.65	81.63	PASS	
2525.00†	2509.28	43.13	253.26	2523.28	2509.28	-71.57	-10857.20	-170.86	11111.05	141.09	79.15	PASS	
2625.00†	2608.48	45.24	265.64	2622.48	2608.48	-71.57	-10857.20	-170.87	11123.46	145.53	76.80	PASS	
2725.00†	2707.69	47.35	278.03	2721.69	2707.69	-71.57	-10857.20	-170.88	11135.86	150.00	74.59	PASS	
2825.00†	2806.90	49.46	290.41	2820.90	2806.90	-71.57	-10857.20	-170.89	11148.27	154.49	72.49	PASS	
2925.00†	2906.11	51.56	302.80	2920.11	2906.11	-71.57	-10857.20	-170.90	11160.68	158.99	70.51	PASS	
3025.00†	3005.31	53.67	315.19	3019.31	3005.31	-71.57	-10857.20	-170.91	11173.09	163.51	68.63	PASS	
3125.00†	3104.52	55.78	327.57	3118.52	3104.52	-71.57	-10857.20	-170.92	11185.50	168.04	66.84	PASS	
3225.00†	3203.73	57.89	339.96	3217.73	3203.73	-71.57	-10857.20	-170.93	11197.90	172.58	65.15	PASS	
3325.00†	3302.94	60.00	352.34	3316.94	3302.94	-71.57	-10857.20	-170.94	11210.31	177.14	63.53	PASS	
3425.00†	3402.14	62.11	364.73	3416.14	3402.14	-71.57	-10857.20	-170.95	11222.72	181.72	62.00	PASS	
3525.00†	3501.35	64.22	377.11	3515.35	3501.35	-71.57	-10857.20	-170.96	11235.13	186.30	60.53	PASS	
3625.00†	3600.56	66.33	389.50	3614.56	3600.56	-71.57	-10857.20	-170.97	11247.54	190.90	59.13	PASS	
3725.00†	3699.77	68.44	401.88	3713.77	3699.77	-71.57	-10857.20	-170.98	11259.95	195.51	57.80	PASS	
3825.00†	3798.97	70.55	414.27	3812.97	3798.97	-71.57	-10857.20	-170.99	11272.36	200.14	56.52	PASS	
3925.00†	3898.18	72.66	426.65	3912.18	3898.18	-71.57	-10857.20	-171.00	11284.78	204.77	55.30	PASS	
4025.00†	3997.39	74.76	439.04	4011.39	3997.39	-71.57	-10857.20	-171.01	11297.19	209.41	54.13	PASS	
4125.00†	4096.60	76.87	451.43	4110.60	4096.60	-71.57	-10857.20	-171.02	11309.60	214.07	53.00	PASS	
4225.00†	4195.80	78.98	463.81	4209.80	4195.80	-71.57	-10857.20	-171.03	11322.01	218.73	51.93	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 107 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. POPE 19-1G6 AWB Offset Wellpath: EX. POPE 19-1G6 AWP

Facility: SEC.19-T06N-R66W Slot: SLOT#02 EX. POPE 19-1G6 (661'FNL & 538'FEL, PR, CODL) Well: EX. POPE 19-1G6 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4309.01	4295.01	-71.57	-10857.20	-171.04	11334.42	223.41	50.89	PASS	
4425.00†	4394.22	83.20	488.58	4408.22	4394.22	-71.57	-10857.20	-171.05	11346.84	228.09	49.90	PASS	
4525.00†	4493.43	85.31	500.97	4507.43	4493.43	-71.57	-10857.20	-171.06	11359.25	232.78	48.94	PASS	
4625.00†	4592.64	87.42	513.35	4606.64	4592.64	-71.57	-10857.20	-171.07	11371.66	237.49	48.02	PASS	
4725.00†	4691.84	89.53	525.74	4705.84	4691.84	-71.57	-10857.20	-171.08	11384.08	242.20	47.14	PASS	
4825.00†	4791.05	91.64	538.12	4805.05	4791.05	-71.57	-10857.20	-171.09	11396.49	246.92	46.29	PASS	
4925.00†	4890.26	93.75	550.51	4904.26	4890.26	-71.57	-10857.20	-171.10	11408.91	251.64	45.46	PASS	
5025.00†	4989.47	95.86	562.89	5003.47	4989.47	-71.57	-10857.20	-171.11	11421.32	256.38	44.67	PASS	
5125.00†	5088.67	97.97	575.28	5102.67	5088.67	-71.57	-10857.20	-171.12	11433.74	261.12	43.90	PASS	
5225.00†	5187.88	100.07	587.67	5201.88	5187.88	-71.57	-10857.20	-171.13	11446.15	265.87	43.16	PASS	
5325.00†	5287.09	102.18	600.05	5301.09	5287.09	-71.57	-10857.20	-171.14	11458.57	270.62	42.45	PASS	
5425.00†	5386.30	104.29	612.44	5400.30	5386.30	-71.57	-10857.20	-171.15	11470.98	275.39	41.76	PASS	
5525.00†	5485.50	106.40	624.82	5499.50	5485.50	-71.57	-10857.20	-171.16	11483.40	280.15	41.09	PASS	
5625.00†	5584.71	108.51	637.21	5598.71	5584.71	-71.57	-10857.20	-171.16	11495.82	284.93	40.44	PASS	
5725.00†	5683.92	110.62	649.59	5697.92	5683.92	-71.57	-10857.20	-171.17	11508.23	289.71	39.82	PASS	
5825.00†	5783.13	112.73	661.98	5797.13	5783.13	-71.57	-10857.20	-171.18	11520.65	294.50	39.21	PASS	
5925.00†	5882.33	114.84	674.36	5896.33	5882.33	-71.57	-10857.20	-171.19	11533.07	299.29	38.62	PASS	
6025.00†	5981.54	116.95	686.75	5995.54	5981.54	-71.57	-10857.20	-171.20	11545.49	304.09	38.05	PASS	
6125.00†	6080.75	119.06	699.13	6094.75	6080.75	-71.57	-10857.20	-171.21	11557.91	308.89	37.50	PASS	
6225.00†	6179.96	121.17	711.52	6193.96	6179.96	-71.57	-10857.20	-171.22	11570.32	313.70	36.96	PASS	
6325.00†	6279.17	123.27	723.91	6293.17	6279.17	-71.57	-10857.20	-171.23	11582.74	318.52	36.44	PASS	
6425.00†	6378.37	125.38	736.29	6392.37	6378.37	-71.57	-10857.20	-171.24	11595.16	323.34	35.94	PASS	
6428.02	6381.37	125.45	736.66	6395.37	6381.37	-71.57	-10857.20	-171.24	11595.54	323.48	35.92	PASS	
6525.00†	6478.12	127.33	741.32	6492.12	6478.12	-71.57	-10857.20	-33.09	11600.22	328.18	35.42	PASS	
6625.00†	6577.44	128.90	730.68	6591.44	6577.44	-71.57	-10857.20	-5.32	11589.62	333.20	34.86	PASS	
6725.00†	6673.88	130.05	704.65	6687.88	6673.88	-71.57	-10857.20	-2.75	11563.61	338.61	34.22	PASS	
6825.00†	6765.06	130.75	663.85	6779.06	6765.06	-71.57	-10857.20	-1.79	11522.83	343.62	33.60	PASS	
6925.00†	6848.75	130.99	609.29	6862.75	6848.75	-71.57	-10857.20	-1.29	11468.28	348.13	33.01	PASS	
7025.00†	6922.87	130.76	542.32	6936.87	6922.87	-71.57	-10857.20	-0.95	11401.32	352.04	32.45	PASS	
7125.00†	6985.61	130.07	464.59	6999.61	6985.61	-71.57	-10857.20	-0.68	11323.58	355.28	31.93	PASS	
7225.00†	7035.42	128.94	378.00	7049.42	7035.42	-71.57	-10857.20	-0.39	11236.99	357.78	31.47	PASS	
7325.00†	7071.07	127.38	284.70	7085.07	7071.07	-71.57	-10857.20	0.08	11143.67	359.52	31.06	PASS	
7425.00†	7091.69	125.45	186.97	7105.69	7091.69	-71.57	-10857.20	1.53	11045.93	360.50	30.70	PASS	
7511.52	7097.00	123.50	100.71	7111.00	7097.00	-71.57	-10857.20	137.47	10959.64	360.75	30.44	PASS	
7525.00†	7096.91	123.18	87.23	7110.91	7096.91	-71.57	-10857.20	137.44	10946.16	360.75	30.40	PASS	
7625.00†	7096.26	120.81	-12.74	7110.26	7096.26	-71.57	-10857.20	137.17	10846.16	360.72	30.13	PASS	
7725.00†	7095.61	118.43	-112.71	7109.61	7095.61	-71.57	-10857.20	136.91	10746.17	360.69	29.85	PASS	
7825.00†	7094.96	116.05	-212.68	7108.96	7094.96	-71.57	-10857.20	136.64	10646.17	360.67	29.57	PASS	
7925.00†	7094.31	113.68	-312.65	7108.31	7094.31	-71.57	-10857.20	136.37	10546.17	360.65	29.30	PASS	
8025.00†	7093.66	111.30	-412.62	7107.66	7093.66	-71.57	-10857.20	136.10	10446.18	360.62	29.02	PASS	
8125.00†	7093.01	108.92	-512.59	7107.01	7093.01	-71.57	-10857.20	135.82	10346.18	360.60	28.75	PASS	
8225.00†	7092.36	106.55	-612.56	7106.36	7092.36	-71.57	-10857.20	135.54	10246.19	360.58	28.47	PASS	
8325.00†	7091.70	104.17	-712.53	7105.70	7091.70	-71.57	-10857.20	135.26	10146.19	360.57	28.19	PASS	
8425.00†	7091.05	101.79	-812.50	7105.05	7091.05	-71.57	-10857.20	134.98	10046.20	360.55	27.92	PASS	
8525.00†	7090.40	99.41	-912.47	7104.40	7090.40	-71.57	-10857.20	134.69	9946.20	360.53	27.64	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 108 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. POPE 19-1G6 AWB Offset Wellpath: EX. POPE 19-1G6 AWP

Facility: SEC.19-T06N-R66W Slot: SLOT#02 EX. POPE 19-1G6 (661'FNL & 538'FEL, PR, CDDL) Well: EX. POPE 19-1G6 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7103.75	7089.75	-71.57	-10857.20	134.40	9846.20	360.52	27.36	PASS	
8725.00†	7089.10	94.66	-1112.41	7103.10	7089.10	-71.57	-10857.20	134.11	9746.21	360.51	27.09	PASS	
8825.00†	7088.45	92.28	-1212.38	7102.45	7088.45	-71.57	-10857.20	133.82	9646.21	360.49	26.81	PASS	
8861.52	7088.21	91.42	-1248.88	7102.21	7088.21	-71.57	-10857.20	133.71	9609.70	360.49	26.71	PASS	
8925.00†	7087.80	88.85	-1312.31	7101.80	7087.80	-71.57	-10857.20	99.22	9546.24	360.49	26.53	PASS	
9025.00†	7087.14	80.54	-1411.95	7101.14	7087.14	-71.57	-10857.20	94.00	9446.47	360.48	26.25	PASS	
9125.00†	7086.49	67.03	-1511.02	7100.49	7086.49	-71.57	-10857.20	92.53	9347.21	360.49	25.98	PASS	
9216.11	7085.90	50.22	-1600.55	7099.90	7085.90	-71.57	-10857.20	91.88	9257.45	360.52	25.73	PASS	
9225.00†	7085.84	48.37	-1609.25	7099.84	7085.84	-71.57	-10857.20	91.87	9248.73	360.53	25.70	PASS	
9316.11	7085.25	29.43	-1698.37	7099.25	7085.25	-71.57	-10857.20	91.86	9159.39	360.59	25.45	PASS	
9325.00†	7085.19	27.60	-1707.07	7099.19	7085.19	-71.57	-10857.20	91.90	9150.67	360.60	25.42	PASS	
9425.00†	7084.53	9.84	-1805.47	7098.53	7084.53	-71.57	-10857.20	92.59	9052.10	360.69	25.14	PASS	
9525.00†	7083.88	-2.75	-1904.66	7097.88	7083.88	-71.57	-10857.20	94.04	8952.81	360.77	24.86	PASS	
9625.00†	7083.23	-10.13	-2004.37	7097.23	7083.23	-71.57	-10857.20	99.09	8853.04	360.82	24.58	PASS	
9674.43	7082.91	-11.85	-2053.77	7096.91	7082.91	-71.57	-10857.20	113.41	8803.63	360.83	24.44	PASS	
9725.00†	7082.58	-12.95	-2104.32	7096.58	7082.58	-71.57	-10857.20	113.29	8753.07	360.84	24.30	PASS	
9825.00†	7081.93	-15.13	-2204.30	7095.93	7081.93	-71.57	-10857.20	113.06	8653.09	360.85	24.02	PASS	
9925.00†	7081.27	-17.31	-2304.27	7095.27	7081.27	-71.57	-10857.20	112.82	8553.10	360.87	23.75	PASS	
10025.00†	7080.62	-19.49	-2404.25	7094.62	7080.62	-71.57	-10857.20	112.58	8453.11	360.89	23.47	PASS	
10125.00†	7079.97	-21.68	-2504.22	7093.97	7079.97	-71.57	-10857.20	112.34	8353.13	360.90	23.19	PASS	
10225.00†	7079.32	-23.86	-2604.19	7093.32	7079.32	-71.57	-10857.20	112.09	8253.14	360.93	22.91	PASS	
10325.00†	7078.67	-26.04	-2704.17	7092.67	7078.67	-71.57	-10857.20	111.85	8153.16	360.95	22.63	PASS	
10425.00†	7078.02	-28.22	-2804.14	7092.02	7078.02	-71.57	-10857.20	111.61	8053.17	360.97	22.35	PASS	
10525.00†	7077.37	-30.40	-2904.12	7091.37	7077.37	-71.57	-10857.20	111.36	7953.19	361.00	22.07	PASS	
10625.00†	7076.72	-32.58	-3004.09	7090.72	7076.72	-71.57	-10857.20	111.12	7853.21	361.03	21.79	PASS	
10725.00†	7076.07	-34.76	-3104.07	7090.07	7076.07	-71.57	-10857.20	110.87	7753.22	361.06	21.51	PASS	
10825.00†	7075.42	-36.95	-3204.04	7089.42	7075.42	-71.57	-10857.20	110.63	7653.24	361.09	21.23	PASS	
10925.00†	7074.76	-39.13	-3304.01	7088.76	7074.76	-71.57	-10857.20	110.38	7553.26	361.12	20.96	PASS	
11025.00†	7074.11	-41.31	-3403.99	7088.11	7074.11	-71.57	-10857.20	110.13	7453.27	361.16	20.68	PASS	
11125.00†	7073.46	-43.49	-3503.96	7087.46	7073.46	-71.57	-10857.20	109.88	7353.29	361.20	20.40	PASS	
11174.43	7073.14	-44.57	-3553.38	7087.14	7073.14	-71.57	-10857.20	109.76	7303.87	361.22	20.26	PASS	
11225.00†	7072.81	-46.34	-3603.92	7086.81	7072.81	-71.57	-10857.20	98.26	7253.33	361.25	20.12	PASS	
11249.77	7072.65	-47.70	-3628.64	7086.65	7072.65	-71.57	-10857.20	96.40	7228.60	361.27	20.05	PASS	
11325.00†	7072.16	-52.30	-3703.73	7086.16	7072.16	-71.57	-10857.20	96.34	7153.49	361.34	19.83	PASS	
11425.00†	7071.51	-58.42	-3803.54	7085.51	7071.51	-71.57	-10857.20	96.25	7053.67	361.44	19.55	PASS	
11525.00†	7070.86	-64.55	-3903.36	7084.86	7070.86	-71.57	-10857.20	96.16	6953.85	361.55	19.27	PASS	
11625.00†	7070.21	-70.67	-4003.17	7084.21	7070.21	-71.57	-10857.20	96.07	6854.03	361.67	18.99	PASS	
11725.00†	7069.56	-76.79	-4102.98	7083.56	7069.56	-71.57	-10857.20	95.98	6754.23	361.80	18.70	PASS	
11825.00†	7068.91	-82.91	-4202.79	7082.91	7068.91	-71.57	-10857.20	95.90	6654.42	361.93	18.42	PASS	
11925.00†	7068.25	-89.04	-4302.60	7082.25	7068.25	-71.57	-10857.20	95.81	6554.63	362.08	18.14	PASS	
12025.00†	7067.60	-95.16	-4402.41	7081.60	7067.60	-71.57	-10857.20	95.72	6454.84	362.24	17.85	PASS	
12125.00†	7066.95	-101.28	-4502.22	7080.95	7066.95	-71.57	-10857.20	95.63	6355.05	362.41	17.57	PASS	
12225.00†	7066.30	-107.40	-4602.03	7080.30	7066.30	-71.57	-10857.20	95.54	6255.28	362.58	17.28	PASS	
12325.00†	7065.65	-113.52	-4701.84	7079.65	7065.65	-71.57	-10857.20	95.45	6155.51	362.78	17.00	PASS	
12425.00†	7065.00	-119.65	-4801.65	7079.00	7065.00	-71.57	-10857.20	95.37	6055.74	362.98	16.71	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 109 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. POPE 19-1G6 AWB Offset Wellpath: EX. POPE 19-1G6 AWP

Facility: SEC.19-T06N-R66W Slot: SLOT#02 EX. POPE 19-1G6 (661'FNL & 538'FEL, PR, CDDL) Well: EX. POPE 19-1G6 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
12525.00†	7064.35	-125.77	-4901.46	7078.35	7064.35	-71.57	-10857.20	95.28	5955.99	363.20	16.43	PASS	
12625.00†	7063.70	-131.89	-5001.27	7077.70	7063.70	-71.57	-10857.20	95.19	5856.24	363.43	16.14	PASS	
12725.00†	7063.05	-138.01	-5101.08	7077.05	7063.05	-71.57	-10857.20	95.10	5756.50	363.68	15.86	PASS	
12825.00†	7062.40	-144.13	-5200.89	7076.40	7062.40	-71.57	-10857.20	95.01	5656.78	363.95	15.57	PASS	
12925.00†	7061.74	-150.26	-5300.70	7075.74	7061.74	-71.57	-10857.20	94.92	5557.06	364.23	15.28	PASS	
12949.77	7061.58	-151.77	-5325.42	7075.58	7061.58	-71.57	-10857.20	94.90	5532.36	364.31	15.21	PASS	
13025.00†	7061.09	-154.90	-5400.58	7075.09	7061.09	-71.57	-10857.20	99.99	5457.26	364.48	15.00	PASS	
13125.00†	7060.44	-154.47	-5500.57	7074.44	7060.44	-71.57	-10857.20	-113.63	5357.27	364.56	14.72	PASS	
13225.00†	7059.78	-148.80	-5600.39	7073.78	7059.78	-71.57	-10857.20	-95.51	5257.38	364.44	14.45	PASS	
13325.00†	7059.12	-137.92	-5699.79	7073.12	7059.12	-71.57	-10857.20	-93.06	5157.84	364.13	14.19	PASS	
13425.00†	7058.47	-121.86	-5798.47	7072.47	7058.47	-71.57	-10857.20	-92.09	5058.98	363.66	13.94	PASS	
13506.75	7057.93	-104.90	-5878.44	7071.93	7057.93	-71.57	-10857.20	-91.64	4978.87	363.18	13.73	PASS	
13525.00†	7057.81	-100.73	-5896.20	7071.81	7057.81	-71.57	-10857.20	-91.63	4961.08	363.06	13.69	PASS	
13606.75	7057.28	-82.06	-5975.79	7071.28	7057.28	-71.57	-10857.20	-91.61	4881.42	362.60	13.49	PASS	
13625.00†	7057.16	-77.98	-5993.58	7071.16	7057.16	-71.57	-10857.20	-91.67	4863.63	362.51	13.44	PASS	
13725.00†	7056.51	-58.64	-6091.68	7070.51	7056.51	-71.57	-10857.20	-92.16	4765.54	362.13	13.18	PASS	
13825.00†	7055.86	-44.46	-6190.65	7069.86	7055.86	-71.57	-10857.20	-93.05	4666.63	361.92	12.92	PASS	
13925.00†	7055.20	-35.48	-6290.24	7069.20	7055.20	-71.57	-10857.20	-95.19	4567.11	361.84	12.64	PASS	
14025.00†	7054.55	-31.73	-6390.15	7068.55	7054.55	-71.57	-10857.20	-107.69	4467.23	361.83	12.37	PASS	
14092.27	7054.12	-32.15	-6457.41	7068.12	7054.12	-71.57	-10857.20	113.41	4399.97	361.86	12.18	PASS	
14125.00†	7053.91	-32.93	-6490.13	7067.91	7053.91	-71.57	-10857.20	113.25	4367.24	361.89	12.09	PASS	
14225.00†	7053.26	-35.31	-6590.10	7067.26	7053.26	-71.57	-10857.20	112.78	4267.25	361.96	11.81	PASS	
14325.00†	7052.62	-37.69	-6690.07	7066.62	7052.62	-71.57	-10857.20	112.30	4167.26	362.03	11.53	PASS	
14425.00†	7051.98	-40.08	-6790.04	7065.98	7051.98	-71.57	-10857.20	111.81	4067.28	362.11	11.25	PASS	
14525.00†	7051.33	-42.46	-6890.01	7065.33	7051.33	-71.57	-10857.20	111.32	3967.29	362.19	10.97	PASS	
14625.00†	7050.69	-44.84	-6989.98	7064.69	7050.69	-71.57	-10857.20	110.83	3867.31	362.28	10.69	PASS	
14725.00†	7050.04	-47.23	-7089.95	7064.04	7050.04	-71.57	-10857.20	110.34	3767.33	362.36	10.41	PASS	
14825.00†	7049.40	-49.61	-7189.92	7063.40	7049.40	-71.57	-10857.20	109.84	3667.34	362.46	10.14	PASS	
14925.00†	7048.76	-51.99	-7289.89	7062.76	7048.76	-71.57	-10857.20	109.34	3567.36	362.55	9.86	PASS	
15025.00†	7048.11	-54.38	-7389.86	7062.11	7048.11	-71.57	-10857.20	108.84	3467.38	362.65	9.58	PASS	
15125.00†	7047.47	-56.76	-7489.83	7061.47	7047.47	-71.57	-10857.20	108.33	3367.40	362.76	9.30	PASS	
15225.00†	7046.82	-59.14	-7589.80	7060.82	7046.82	-71.57	-10857.20	107.82	3267.42	362.87	9.02	PASS	
15325.00†	7046.18	-61.53	-7689.77	7060.18	7046.18	-71.57	-10857.20	107.31	3167.45	362.99	8.74	PASS	
15425.00†	7045.54	-63.91	-7789.74	7059.54	7045.54	-71.57	-10857.20	106.79	3067.47	363.11	8.46	PASS	
15525.00†	7044.89	-66.29	-7889.71	7058.89	7044.89	-71.57	-10857.20	106.28	2967.50	363.24	8.18	PASS	
15625.00†	7044.25	-68.68	-7989.68	7058.25	7044.25	-71.57	-10857.20	105.75	2867.52	363.38	7.90	PASS	
15725.00†	7043.60	-71.06	-8089.65	7057.60	7043.60	-71.57	-10857.20	105.23	2767.55	363.53	7.63	PASS	
15825.00†	7042.96	-73.44	-8189.62	7056.96	7042.96	-71.57	-10857.20	104.70	2667.58	363.69	7.35	PASS	
15925.00†	7042.31	-75.83	-8289.59	7056.31	7042.31	-71.57	-10857.20	104.18	2567.62	363.87	7.07	PASS	
16025.00†	7041.67	-78.21	-8389.56	7055.67	7041.67	-71.57	-10857.20	103.64	2467.65	364.06	6.79	PASS	
16125.00†	7041.03	-80.59	-8489.53	7055.03	7041.03	-71.57	-10857.20	103.11	2367.69	364.27	6.51	PASS	
16225.00†	7040.38	-82.98	-8589.49	7054.38	7040.38	-71.57	-10857.20	102.58	2267.73	364.49	6.23	PASS	
16325.00†	7039.74	-85.36	-8689.46	7053.74	7039.74	-71.57	-10857.20	102.04	2167.78	364.74	5.95	PASS	
16425.00†	7039.09	-87.74	-8789.43	7053.09	7039.09	-71.57	-10857.20	101.50	2067.83	365.02	5.67	PASS	
16525.00†	7038.45	-90.13	-8889.40	7052.45	7038.45	-71.57	-10857.20	100.95	1967.88	365.34	5.39	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 110 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. POPE 19-1G6 AWB** Offset Wellpath: **EX. POPE 19-1G6 AWP**

Facility: SEC.19-T06N-R66W Slot: SLOT#02 EX. POPE 19-1G6 (661'FNL & 538'FEL, PR, CODL) Well: EX. POPE 19-1G6 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
16625.00†	7037.81	-92.51	-8989.37	7051.81	7037.81	-71.57	-10857.20	100.41	1867.94	365.70	5.12	PASS	
16725.00†	7037.16	-94.89	-9089.34	7051.16	7037.16	-71.57	-10857.20	99.86	1768.01	366.10	4.84	PASS	
16825.00†	7036.52	-97.28	-9189.31	7050.52	7036.52	-71.57	-10857.20	99.32	1668.09	366.57	4.56	PASS	
16925.00†	7035.87	-99.66	-9289.28	7049.87	7035.87	-71.57	-10857.20	98.77	1568.17	367.12	4.28	PASS	
17025.00†	7035.23	-102.04	-9389.25	7049.23	7035.23	-71.57	-10857.20	98.21	1468.27	367.77	4.00	PASS	
17125.00†	7034.59	-104.43	-9489.22	7048.59	7034.59	-71.57	-10857.20	97.66	1368.37	368.55	3.72	PASS	
17225.00†	7033.94	-106.81	-9589.19	7047.94	7033.94	-71.57	-10857.20	97.11	1268.50	369.49	3.44	PASS	
17325.00†	7033.30	-109.19	-9689.16	7047.30	7033.30	-71.57	-10857.20	96.55	1168.65	370.66	3.16	PASS	
17425.00†	7032.65	-111.58	-9789.13	7046.65	7032.65	-71.57	-10857.20	95.99	1068.82	372.13	2.88	PASS	
17525.00†	7032.01	-113.96	-9889.10	7046.01	7032.01	-71.57	-10857.20	95.44	969.03	374.01	2.59	PASS	
17625.00†	7031.37	-116.34	-9989.07	7045.37	7031.37	-71.57	-10857.20	94.88	869.29	376.48	2.31	PASS	
17725.00†	7030.72	-118.73	-10089.04	7044.72	7030.72	-71.57	-10857.20	94.32	769.61	379.82	2.03	PASS	
17825.00†	7030.08	-121.11	-10189.01	7044.08	7030.08	-71.57	-10857.20	93.75	670.03	384.47	1.74	PASS	
17836.95	7030.00	-121.38	-10200.95	7044.00	7030.00	-71.57	-10857.20	93.69	658.14	385.14	1.71	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. POPE 19-1G6 AWB** Offset Wellpath: **EX. POPE 19-1G6 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. POPE 19-1G6 AWB** Offset Wellpath: **EX. POPE 19-1G6 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7294.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7294>	EX. POPE 19-1G6 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **EX. POPE 19-1G6 AWB** Offset Wellpath: **EX. POPE 19-1G6 AWP**

MD Reference: Rig on SLOT#02 EX. POPE 19-1G6 (661'FNL & 538'FEL, PR, CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 111 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: EX. LEFFLER I 21-6 AWB Offset Wellpath: EX. LEFFLER I 21-6 AWP

Facility: SEC.21-T06N-R66W		Slot: SLOT#06 EX. LEFFLER I 21-6 (1880'FNL & 1880'FWL, SI, NB/CD)		Well: EX. LEFFLER I 21-6		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	-4.00	25.00	-1089.47	-3180.48	-108.91	3361.90	25.57	136.61	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: EX. LEFFLER I 21-6 AWB Offset Wellpath: EX. LEFFLER I 21-6 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: EX. LEFFLER I 21-6 AWB Offset Wellpath: EX. LEFFLER I 21-6 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7310.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7310>	EX. LEFFLER I 21-6 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: EX. LEFFLER I 21-6 AWB Offset Wellpath: EX. LEFFLER I 21-6 AWP

MD Reference: Rig on SLOT#06 EX. LEFFLER I 21-6 (1880'FNL & 1880'FWL, SI, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 112 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. HALL 1AWB** Offset Wellpath: **EX. HALL 1AWP**

Facility: SEC.19-T06N-R66W Slot: SLOT#01 EX. HALL 1 (2062'FNL & 660'FEL, PR, CODL) Well: EX. HALL 1 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	-15.00	25.00	-1446.42	-11028.35	-97.47	11122.80	25.57	452.07	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. HALL 1AWB** Offset Wellpath: **EX. HALL 1AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. HALL 1AWB** Offset Wellpath: **EX. HALL 1AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7760.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7760>	EX. HALL 1AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **EX. HALL 1AWB** Offset Wellpath: **EX. HALL 1AWP**

MD Reference: Rig on SLOT#01 EX. HALL 1 (2062'FNL & 660'FEL, PR, CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 113 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRTIZLER #6-8-17 AWB Offset Wellpath: EX. FRTIZLER #6-8-17 AWP

Facility: SEC.17-T06N-R66W Slot: SLOT#02 EX. FRTIZLER #6-8-17 (660'FSL & 668'FEL, PR NB/CD) Well: EX. FRTIZLER #6-8-17 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	11.27	17.27	1355.57	-5719.13	-76.67	5877.59	50.17	119.43	PASS	
125.00†	125.00	0.00	0.00	70.56	76.56	1355.85	-5719.35	-76.66	5878.07	50.17	119.43	PASS	
225.00†	225.00	0.00	0.00	132.82	138.81	1356.59	-5719.92	-76.66	5879.22	50.18	119.43	PASS	
300.00	300.00	0.00	0.00	178.02	184.00	1357.40	-5720.51	-76.65	5880.50	50.20	119.42	PASS	
325.00†	325.00	0.02	0.11	190.23	196.21	1357.62	-5720.72	-156.98	5881.12	50.20	119.43	PASS	
425.00†	424.96	0.46	2.69	239.05	245.01	1358.37	-5721.86	-156.94	5886.15	50.23	119.45	PASS	
525.00†	524.77	1.48	8.71	281.80	287.73	1358.77	-5723.29	-156.88	5895.27	50.30	119.46	PASS	
625.00†	624.30	3.09	18.15	318.58	324.46	1358.65	-5725.04	-156.79	5908.61	50.37	119.56	PASS	
660.88	659.93	3.81	22.38	331.67	337.54	1358.49	-5725.79	-156.76	5914.43	50.39	119.63	PASS	
725.00†	723.54	5.16	30.32	355.76	361.58	1358.04	-5727.33	-156.77	5925.52	50.41	119.82	PASS	
825.00†	822.75	7.27	42.70	420.35	425.94	1355.60	-5732.13	-156.84	5943.41	50.46	120.06	PASS	
925.00†	921.95	9.38	55.09	615.44	619.82	1340.37	-5747.25	-157.11	5960.70	50.66	119.92	PASS	
1025.00†	1021.16	11.49	67.48	750.58	753.90	1326.34	-5756.77	-157.33	5976.80	50.83	119.83	PASS	
1125.00†	1120.37	13.60	79.86	804.83	807.74	1320.95	-5760.66	-157.41	5993.21	50.93	119.94	PASS	
1225.00†	1219.58	15.71	92.25	888.34	890.71	1313.73	-5766.88	-157.53	6010.19	51.07	119.94	PASS	
1325.00†	1318.78	17.82	104.63	1042.17	1043.76	1302.26	-5777.17	-157.73	6026.69	51.34	119.62	PASS	
1425.00†	1417.99	19.93	117.02	1302.13	1303.12	1290.55	-5789.41	-157.99	6042.64	51.81	118.82	PASS	
1525.00†	1517.20	22.04	129.40	1329.55	1330.52	1289.93	-5790.24	-158.01	6056.78	51.91	118.86	PASS	
1625.00†	1616.41	24.15	141.79	1356.87	1357.81	1289.37	-5791.38	-158.03	6072.08	52.02	118.92	PASS	
1725.00†	1715.61	26.25	154.17	1383.61	1384.51	1288.89	-5792.81	-158.04	6088.55	52.11	119.01	PASS	
1825.00†	1814.82	28.36	166.56	1398.85	1399.72	1288.58	-5793.82	-158.06	6106.28	51.90	119.28	PASS	
1925.00†	1914.03	30.47	178.95	1413.99	1414.80	1288.20	-5795.06	-158.07	6125.35	51.87	119.72	PASS	
2025.00†	2013.24	32.58	191.33	1429.03	1429.76	1287.75	-5796.51	-158.08	6145.74	51.89	120.07	PASS	
2125.00†	2112.44	34.69	203.72	1443.96	1444.59	1287.22	-5798.17	-158.10	6167.45	51.89	120.48	PASS	
2225.00†	2211.65	36.80	216.10	1557.03	1556.71	1281.79	-5811.68	-158.23	6189.76	52.16	120.29	PASS	
2325.00†	2310.86	38.91	228.49	1641.68	1640.48	1275.52	-5822.13	-158.34	6211.97	52.38	120.21	PASS	
2425.00†	2410.07	41.02	240.87	1690.38	1688.49	1270.52	-5828.59	-158.42	6234.64	52.52	120.33	PASS	
2525.00†	2509.28	43.13	253.26	1725.89	1723.38	1266.36	-5833.75	-158.48	6258.24	52.63	120.53	PASS	
2625.00†	2608.48	45.24	265.64	1897.75	1892.11	1245.28	-5858.61	-158.80	6281.71	53.20	119.66	PASS	
2725.00†	2707.69	47.35	278.03	2055.17	2046.69	1224.73	-5880.11	-159.09	6304.43	53.77	118.80	PASS	
2825.00†	2806.90	49.46	290.41	2088.51	2079.46	1220.54	-5884.60	-159.15	6327.04	53.93	118.87	PASS	
2925.00†	2906.11	51.56	302.80	2121.67	2112.00	1216.35	-5889.40	-159.21	6350.64	54.09	118.95	PASS	
3025.00†	3005.31	53.67	315.19	2196.01	2184.84	1206.81	-5900.79	-159.35	6375.05	54.42	118.67	PASS	
3125.00†	3104.52	55.78	327.57	2380.09	2365.26	1182.23	-5927.73	-159.69	6398.76	55.22	117.37	PASS	
3225.00†	3203.73	57.89	339.96	2459.91	2443.48	1171.00	-5939.02	-159.84	6422.03	55.62	116.93	PASS	
3325.00†	3302.94	60.00	352.34	2525.67	2507.73	1160.92	-5948.75	-159.97	6445.78	55.99	116.60	PASS	
3425.00†	3402.14	62.11	364.73	2604.06	2584.22	1148.55	-5960.66	-160.13	6469.92	56.42	116.11	PASS	
3525.00†	3501.35	64.22	377.11	2653.12	2632.01	1140.61	-5968.37	-160.24	6494.58	56.74	115.89	PASS	
3625.00†	3600.56	66.33	389.50	3017.02	2987.37	1083.47	-6021.30	-160.96	6519.88	58.58	112.66	PASS	
3725.00†	3699.77	68.44	401.88	3123.33	3092.07	1069.35	-6033.20	-161.14	6540.75	59.20	111.81	PASS	
3825.00†	3798.97	70.55	414.27	3309.38	3275.96	1049.07	-6052.83	-161.41	6561.59	60.20	110.29	PASS	
3925.00†	3898.18	72.66	426.65	3492.53	3456.88	1026.06	-6069.60	-161.70	6580.66	61.21	108.76	PASS	
4025.00†	3997.39	74.76	439.04	3549.12	3512.69	1018.29	-6074.70	-161.79	6599.55	61.66	108.27	PASS	
4125.00†	4096.60	76.87	451.43	3588.68	3551.67	1012.73	-6078.58	-161.86	6619.19	62.03	107.93	PASS	
4225.00†	4195.80	78.98	463.81	3627.85	3590.24	1007.32	-6082.74	-161.93	6639.72	62.41	107.60	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 114 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798°FNL & 251°FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRTIZLER #6-8-17 AWB Offset Wellpath: EX. FRTIZLER #6-8-17 AWP

Facility: SEC.17-T06N-R66W Slot: SLOT#02 EX. FRTIZLER #6-8-17 (660°FSL & 668°FEL, PR NB/CD) Well: EX. FRTIZLER #6-8-17 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	3664.51	3626.31	1002.29	-6086.95	-161.99	6661.13	62.78	107.31	PASS	
4425.00†	4394.22	83.20	488.58	3699.23	3660.39	997.29	-6091.29	-162.05	6683.47	63.14	107.04	PASS	
4525.00†	4493.43	85.31	500.97	3733.67	3694.11	992.06	-6095.93	-162.11	6706.73	63.51	106.78	PASS	
4625.00†	4592.64	87.42	513.35	3785.87	3745.09	983.69	-6103.45	-162.21	6730.80	63.99	106.36	PASS	
4725.00†	4691.84	89.53	525.74	3855.67	3813.07	971.87	-6113.98	-162.35	6755.48	64.58	105.76	PASS	
4825.00†	4791.05	91.64	538.12	4257.09	4206.17	908.90	-6164.15	-163.07	6777.20	67.08	102.10	PASS	
4925.00†	4890.26	93.75	550.51	4306.89	4255.27	902.38	-6169.40	-163.15	6798.11	67.57	101.66	PASS	
5025.00†	4989.47	95.86	562.89	4348.40	4296.14	896.85	-6174.09	-163.22	6819.77	68.03	101.29	PASS	
5125.00†	5088.67	97.97	575.28	4389.68	4336.72	891.20	-6179.11	-163.28	6842.25	68.49	100.94	PASS	
5225.00†	5187.88	100.07	587.67	4436.06	4382.27	884.84	-6185.10	-163.36	6865.51	68.98	100.55	PASS	
5325.00†	5287.09	102.18	600.05	4483.93	4429.29	878.61	-6191.59	-163.43	6889.48	69.48	100.16	PASS	
5425.00†	5386.30	104.29	612.44	4543.98	4488.23	870.91	-6200.09	-163.52	6914.09	70.07	99.68	PASS	
5525.00†	5485.50	106.40	624.82	4620.27	4562.95	860.31	-6211.30	-163.65	6939.16	70.76	99.05	PASS	
5625.00†	5584.71	108.51	637.21	4707.97	4648.79	847.89	-6224.23	-163.79	6964.33	71.53	98.33	PASS	
5725.00†	5683.92	110.62	649.59	4770.46	4709.96	839.26	-6233.65	-163.89	6989.89	72.15	97.84	PASS	
5825.00†	5783.13	112.73	661.98	4888.55	4825.70	823.89	-6251.39	-164.07	7015.48	73.12	96.88	PASS	
5925.00†	5882.33	114.84	674.36	4956.10	4891.96	815.59	-6261.55	-164.17	7041.22	73.77	96.36	PASS	
6025.00†	5981.54	116.95	686.75	5071.91	5000.78	755.86	-6342.09	-165.01	7058.28	79.22	89.89	PASS	
6125.00†	6080.75	119.06	699.13	6095.55	6024.41	755.13	-6343.36	-165.05	7071.38	80.07	89.09	PASS	
6225.00†	6179.96	121.17	711.52	6188.81	6117.67	754.93	-6344.16	-165.07	7084.36	80.80	88.44	PASS	
6325.00†	6279.17	123.27	723.91	6282.07	6210.92	754.84	-6345.03	-165.10	7097.42	81.54	87.80	PASS	
6425.00†	6378.37	125.38	736.29	6375.31	6304.15	754.87	-6345.97	-165.12	7110.56	82.28	87.16	PASS	
6428.02	6381.37	125.45	736.66	6378.12	6306.97	754.88	-6345.99	-165.13	7110.96	82.30	87.14	PASS	
6525.00†	6478.12	127.33	741.32	6472.32	6401.15	755.10	-6346.98	-27.04	7116.46	83.04	86.43	PASS	
6625.00†	6577.44	128.90	730.68	6569.20	6498.03	755.58	-6348.01	0.84	7106.82	83.99	85.33	PASS	
6725.00†	6673.88	130.05	704.65	6664.61	6593.43	756.31	-6349.03	3.68	7081.88	85.39	83.63	PASS	
6825.00†	6765.06	130.75	663.85	6796.09	6724.90	757.92	-6350.01	5.15	7041.96	86.79	81.79	PASS	
6925.00†	6848.73	130.99	609.29	6916.08	6844.87	760.10	-6350.19	6.50	6987.87	87.99	80.05	PASS	
7025.00†	6922.87	130.76	542.32	6990.56	6919.33	761.72	-6350.04	8.11	6921.18	88.87	78.50	PASS	
7125.00†	6985.61	130.07	464.59	7043.31	6972.07	762.78	-6350.01	10.41	6843.92	89.51	77.06	PASS	
7225.00†	7035.42	128.94	378.00	7085.37	7014.13	763.56	-6350.04	14.22	6757.94	89.96	75.71	PASS	
7325.00†	7071.07	127.38	284.70	7115.65	7044.40	764.07	-6350.10	21.78	6665.33	90.26	74.42	PASS	
7425.00†	7091.69	125.45	186.97	7133.33	7062.07	764.36	-6350.15	41.77	6568.34	90.43	73.20	PASS	
7511.52	7097.00	123.50	100.71	7138.03	7066.78	764.44	-6350.16	90.84	6482.70	90.50	72.19	PASS	
7525.00†	7096.91	123.18	87.23	7137.99	7066.74	764.44	-6350.16	90.84	6469.32	90.50	72.04	PASS	
7625.00†	7096.26	120.81	-12.74	7137.67	7066.41	764.43	-6350.16	90.82	6370.09	90.56	70.89	PASS	
7725.00†	7095.61	118.43	-112.71	7137.34	7066.09	764.43	-6350.16	90.79	6270.88	90.63	69.73	PASS	
7825.00†	7094.96	116.05	-212.68	7137.02	7065.76	764.42	-6350.16	90.77	6171.70	90.71	68.56	PASS	
7925.00†	7094.31	113.68	-312.65	7136.69	7065.44	764.42	-6350.16	90.75	6072.54	90.81	67.39	PASS	
8025.00†	7093.66	111.30	-412.62	7136.36	7065.11	764.41	-6350.16	90.72	5973.42	90.92	66.20	PASS	
8125.00†	7093.01	108.92	-512.59	7136.03	7064.78	764.41	-6350.16	90.70	5874.32	91.06	65.01	PASS	
8225.00†	7092.36	106.55	-612.56	7135.70	7064.44	764.40	-6350.16	90.67	5775.25	91.21	63.81	PASS	
8325.00†	7091.70	104.17	-712.53	7135.36	7064.11	764.39	-6350.16	90.65	5676.22	91.38	62.60	PASS	
8425.00†	7091.05	101.79	-812.50	7135.03	7063.77	764.39	-6350.16	90.63	5577.22	91.57	61.37	PASS	
8525.00†	7090.40	99.41	-912.47	7134.69	7063.43	764.38	-6350.15	90.60	5478.26	91.78	60.14	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 115 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRTIZLER #6-8-17 AWP Offset Wellpath: EX. FRTIZLER #6-8-17 AWP

Facility: SEC.17-T06N-R66W		Slot: SLOT#02 EX. FRTIZLER #6-8-17 (660'FSL & 668'FEL, PR NB/CD)		Well: EX. FRITZLER #6-8-17		Threshold Value=1.00		† = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7134.35	7063.09	764.38	-6350.15	90.58	5379.33	92.02	58.90	PASS	
8725.00†	7089.10	94.66	-1112.41	7134.00	7062.75	764.37	-6350.15	90.55	5280.45	92.29	57.65	PASS	
8825.00†	7088.45	92.28	-1212.38	7133.66	7062.41	764.37	-6350.15	90.53	5181.61	92.59	56.39	PASS	
8861.52	7088.21	91.42	-1248.88	7133.53	7062.28	764.37	-6350.15	90.52	5145.53	92.70	55.92	PASS	
8925.00†	7087.80	88.85	-1312.31	7133.30	7062.05	764.36	-6350.15	90.41	5082.99	92.94	55.10	PASS	
9025.00†	7087.14	80.54	-1411.95	7132.86	7061.61	764.35	-6350.15	90.29	4985.38	93.43	53.76	PASS	
9125.00†	7086.49	67.03	-1511.02	7132.35	7061.10	764.35	-6350.15	90.20	4889.17	94.11	52.34	PASS	
9216.11	7085.90	50.22	-1600.55	7131.81	7060.56	764.34	-6350.15	90.13	4803.04	94.92	50.97	PASS	
9225.00†	7085.84	48.37	-1609.25	7131.76	7060.51	764.34	-6350.15	90.13	4794.72	95.01	50.84	PASS	
9316.11	7085.25	29.43	-1698.37	7131.19	7059.94	764.33	-6350.14	90.11	4709.54	95.99	49.42	PASS	
9325.00†	7085.19	27.60	-1707.07	7131.13	7059.88	764.33	-6350.14	90.11	4701.23	96.09	49.28	PASS	
9425.00†	7084.53	9.84	-1805.47	7130.55	7059.29	764.32	-6350.14	90.13	4606.95	97.22	47.73	PASS	
9525.00†	7083.88	-2.75	-1904.66	7130.03	7058.78	764.31	-6350.14	90.16	4511.25	98.31	46.21	PASS	
9625.00†	7083.23	-10.13	-2004.37	7129.59	7058.34	764.30	-6350.14	90.19	4414.30	99.31	44.76	PASS	
9674.43	7082.91	-11.85	-2053.77	7129.40	7058.15	764.30	-6350.14	90.20	4365.98	99.76	44.07	PASS	
9725.00†	7082.58	-12.95	-2104.32	7129.22	7057.97	764.30	-6350.14	90.19	4316.44	100.21	43.37	PASS	
9825.00†	7081.93	-15.13	-2204.30	7128.86	7057.60	764.29	-6350.14	90.17	4218.54	101.15	41.99	PASS	
9925.00†	7081.27	-17.31	-2304.27	7128.49	7057.24	764.28	-6350.14	90.14	4120.74	102.16	40.61	PASS	
10025.00†	7080.62	-19.49	-2404.25	7128.12	7056.87	764.28	-6350.14	90.12	4023.05	103.26	39.22	PASS	
10125.00†	7079.97	-21.68	-2504.22	7127.75	7056.49	764.27	-6350.13	90.10	3925.47	104.44	37.84	PASS	
10225.00†	7079.32	-23.86	-2604.19	7127.37	7056.12	764.27	-6350.13	90.07	3828.02	105.71	36.45	PASS	
10325.00†	7078.67	-26.04	-2704.17	7127.00	7055.74	764.26	-6350.13	90.05	3730.70	107.08	35.06	PASS	
10425.00†	7078.02	-28.22	-2804.14	7126.62	7055.37	764.25	-6350.13	90.02	3633.53	108.57	33.68	PASS	
10525.00†	7077.37	-30.40	-2904.12	7126.24	7054.98	764.25	-6350.13	90.00	3536.52	110.17	32.30	PASS	
10625.00†	7076.72	-32.58	-3004.09	7125.85	7054.60	764.24	-6350.13	89.97	3439.68	111.89	30.93	PASS	
10725.00†	7076.07	-34.76	-3104.07	7125.47	7054.22	764.24	-6350.13	89.95	3343.02	113.76	29.57	PASS	
10825.00†	7075.42	-36.95	-3204.04	7125.08	7053.83	764.23	-6350.13	89.92	3246.57	115.77	28.21	PASS	
10925.00†	7074.76	-39.13	-3304.01	7124.69	7053.44	764.22	-6350.13	89.89	3150.34	117.94	26.87	PASS	
11025.00†	7074.11	-41.31	-3403.99	7124.30	7053.05	764.22	-6350.12	89.87	3054.35	120.29	25.54	PASS	
11125.00†	7073.46	-43.49	-3503.96	7123.91	7052.65	764.21	-6350.12	89.84	2958.62	122.82	24.22	PASS	
11174.43	7073.14	-44.57	-3553.38	7123.71	7052.46	764.21	-6350.12	89.83	2911.41	124.15	23.58	PASS	
11225.00†	7072.81	-46.34	-3603.92	7123.50	7052.25	764.20	-6350.12	89.82	2863.40	125.63	22.92	PASS	
11249.77	7072.65	-47.70	-3628.64	7123.39	7052.14	764.20	-6350.12	89.82	2840.08	126.41	22.59	PASS	
11325.00†	7072.16	-52.30	-3703.73	7123.04	7051.79	764.20	-6350.12	89.80	2769.56	128.94	21.59	PASS	
11425.00†	7071.51	-58.42	-3803.54	7122.58	7051.33	764.19	-6350.12	89.77	2676.22	132.55	20.29	PASS	
11525.00†	7070.86	-64.55	-3903.36	7122.11	7050.86	764.18	-6350.12	89.74	2583.38	136.46	19.03	PASS	
11625.00†	7070.21	-70.67	-4003.17	7121.64	7050.39	764.17	-6350.12	89.71	2491.09	140.70	17.79	PASS	
11725.00†	7069.56	-76.79	-4102.98	7121.17	7049.92	764.17	-6350.12	89.69	2399.42	145.30	16.59	PASS	
11825.00†	7068.91	-82.91	-4202.79	7120.69	7049.44	764.16	-6350.12	89.66	2308.45	150.30	15.43	PASS	
11925.00†	7068.25	-89.04	-4302.60	7120.22	7048.97	764.15	-6350.11	89.63	2218.25	155.73	14.30	PASS	
12025.00†	7067.60	-95.16	-4402.41	7119.74	7048.48	764.14	-6350.11	89.60	2128.92	161.64	13.22	PASS	
12125.00†	7066.95	-101.28	-4502.22	7119.25	7048.00	764.13	-6350.11	89.57	2040.59	168.06	12.19	PASS	
12225.00†	7066.30	-107.40	-4602.03	7118.76	7047.51	764.13	-6350.11	89.54	1953.38	175.06	11.20	PASS	
12325.00†	7065.65	-113.52	-4701.84	7118.27	7047.02	764.12	-6350.11	89.52	1867.46	182.68	10.26	PASS	
12425.00†	7065.00	-119.65	-4801.65	7117.78	7046.53	764.11	-6350.11	89.49	1783.00	190.97	9.37	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 116 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83, TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: EX. FRTIZLER #6-8-17 AWB Offset Wellpath: EX. FRTIZLER #6-8-17 AWP

Facility: SEC.17-T06N-R66W		Slot: SLOT#02 EX. FRTIZLER #6-8-17 (660'FSL & 668'FEL, PR NB/CD)				Well: EX. FRITZLER #6-8-17		Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
12525.00†	7064.35	-125.77	-4901.46	7117.28	7046.03	764.10	-6350.11	89.46	1700.23	200.00	8.53	PASS
12625.00†	7063.70	-131.89	-5001.27	7116.78	7045.53	764.09	-6350.11	89.43	1619.41	209.82	7.74	PASS
12725.00†	7063.05	-138.01	-5101.08	7116.28	7045.03	764.08	-6350.10	89.40	1540.83	220.47	7.01	PASS
12825.00†	7062.40	-144.13	-5200.89	7115.77	7044.52	764.08	-6350.10	89.37	1464.88	232.00	6.33	PASS
12925.00†	7061.74	-150.26	-5300.70	7115.26	7044.01	764.07	-6350.10	89.34	1391.96	244.41	5.71	PASS
12949.77	7061.58	-151.77	-5325.42	7115.14	7043.89	764.07	-6350.10	89.33	1374.43	247.62	5.56	PASS
13025.00†	7061.09	-154.90	-5400.58	7114.77	7043.52	764.06	-6350.10	89.30	1321.51	257.50	5.14	PASS
13125.00†	7060.44	-154.47	-5500.57	7114.36	7043.11	764.05	-6350.10	89.26	1251.27	270.80	4.63	PASS
13225.00†	7059.78	-148.80	-5600.39	7114.03	7042.78	764.05	-6350.10	89.22	1181.37	284.24	4.16	PASS
13325.00†	7059.12	-137.92	-5699.79	7113.79	7042.54	764.04	-6350.10	89.18	1112.08	297.75	3.74	PASS
13425.00†	7058.47	-121.86	-5798.47	7113.64	7042.38	764.04	-6350.10	89.15	1043.73	311.23	3.36	PASS
13506.75	7057.93	-104.90	-5878.44	7113.57	7042.32	764.04	-6350.10	89.12	988.82	322.10	3.07	PASS
13525.00†	7057.81	-100.73	-5896.20	7113.56	7042.31	764.04	-6350.10	89.12	976.77	324.51	3.01	PASS
13606.75	7057.28	-82.06	-5975.79	7113.53	7042.28	764.04	-6350.10	89.12	925.32	335.29	2.76	PASS
13625.00†	7057.16	-77.98	-5993.58	7113.52	7042.27	764.04	-6350.10	89.12	914.51	337.68	2.71	PASS
13725.00†	7056.51	-58.64	-6091.68	7113.42	7042.17	764.04	-6350.10	89.12	862.43	350.51	2.46	PASS
13825.00†	7055.86	-44.46	-6190.65	7113.23	7041.98	764.03	-6350.10	89.11	824.19	361.80	2.28	PASS
13925.00†	7055.20	-35.48	-6290.24	7112.96	7041.71	764.03	-6350.10	89.08	801.86	369.88	2.17	PASS
14003.49†	7054.69	-32.09	-6368.64	7112.60	7041.35	764.02	-6350.10	89.04	796.45	373.10	2.14	PASS
14025.00†	7054.55	-31.73	-6390.15	7112.60	7041.35	764.02	-6350.10	89.04	796.87	373.45	2.14	PASS
14092.27	7054.12	-32.15	-6457.41	7112.30	7041.05	764.02	-6350.09	89.00	803.47	373.04	2.16	PASS
14125.00†	7053.91	-32.93	-6490.13	7112.15	7040.90	764.02	-6350.09	88.99	809.26	372.06	2.18	PASS
14225.00†	7053.26	-35.31	-6590.10	7111.68	7040.43	764.01	-6350.09	88.95	834.67	366.25	2.28	PASS
14325.00†	7052.62	-37.69	-6690.07	7111.21	7039.96	764.00	-6350.09	88.92	870.90	357.04	2.44	PASS
14425.00†	7051.98	-40.08	-6790.04	7110.74	7039.49	763.99	-6350.09	88.89	916.65	345.58	2.66	PASS
14525.00†	7051.33	-42.46	-6890.01	7110.26	7039.01	763.98	-6350.09	88.85	970.58	332.92	2.92	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: EX. FRTIZLER #6-8-17 AWB Offset Wellpath: EX. FRTIZLER #6-8-17 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: EX. FRTIZLER #6-8-17 AWB Offset Wellpath: EX. FRTIZLER #6-8-17 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7356.00	ISCWSA MWD, Rev. 4 (Standard)	MS ENERGY SERVICES MWD SURVEY FROM COGCC <82-7356>	EX. FRTIZLER #6-8-17 AWB
7356.00	7418.00	Blind Drilling (std)	Projection to bit	EX. FRTIZLER #6-8-17 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: EX. FRTIZLER #6-8-17 AWB Offset Wellpath: EX. FRTIZLER #6-8-17 AWP

MD Reference: Rig on SLOT#02 EX. FRTIZLER #6-8-17 (660'FSL & 668'FEL, PR NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 117 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. LINDBLAD 20-23 AWB** Offset Wellpath: **EX. LINDBLAD 20-23 AWP**

Facility: SEC.20-T06N-R66W		Slot: SLOT#05 EX. LINDBLAD 20-23 (1984'FNL & 664'FWL, PR, NB/CD)		Well: EX. LINDBLAD 20-23		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	13.00	25.00	-1351.60	-9517.34	-98.08	9612.83	25.57	390.70	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. LINDBLAD 20-23 AWB** Offset Wellpath: **EX. LINDBLAD 20-23 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. LINDBLAD 20-23 AWB** Offset Wellpath: **EX. LINDBLAD 20-23 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7305.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7305>	EX. LINDBLAD 20-23 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **EX. LINDBLAD 20-23 AWB** Offset Wellpath: **EX. LINDBLAD 20-23 AWP**

MD Reference: Rig on SLOT#05 LINDBLAD 20-23 (1984'FNL & 664'FWL, PR, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4765.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 118 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 1N-23C-L AWB Offset Wellpath: LEFFLER 1N-23C-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#03 LEFFLER 1N-23C-L (1841'FNL & 275'FEL SEC.21) Well: LEFFLER 1N-23C-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	21.00	25.00	-1043.73	-24.76	-178.64	1044.02	1.26	3476.86	PASS	
125.00†	125.00	0.00	0.00	130.94	134.94	-1043.09	-24.82	-178.64	1043.43	2.15	1021.07	PASS	
225.00†	225.00	0.00	0.00	227.71	231.70	-1042.36	-24.73	-178.64	1042.68	2.77	633.21	PASS	
300.00	300.00	0.00	0.00	306.07	310.06	-1041.81	-24.92	-178.63	1042.15	3.23	495.43	PASS	
325.00†	325.00	0.02	0.11	336.82	340.80	-1041.42	-25.25	-101.07	1041.86	3.33	471.56	PASS	
425.00†	424.96	0.46	2.69	447.70	451.63	-1038.88	-27.75	-101.39	1040.12	4.06	353.61	PASS	
525.00†	524.77	1.48	8.71	559.12	562.97	-1035.40	-30.25	-101.94	1038.32	4.78	283.74	PASS	
625.00†	624.30	3.09	18.15	667.15	670.88	-1031.01	-32.61	-102.68	1036.40	5.56	233.44	PASS	
660.88	659.93	3.81	22.38	715.34	718.99	-1028.50	-33.76	-103.08	1035.52	5.89	216.94	PASS	
725.00†	723.54	5.16	30.32	799.63	803.06	-1022.70	-35.90	-103.79	1033.06	6.57	189.59	PASS	
825.00†	822.75	7.27	42.70	930.94	933.74	-1010.36	-39.21	-104.91	1026.94	7.62	157.82	PASS	
925.00†	921.95	9.38	55.09	1086.73	1087.84	-988.41	-45.07	-106.42	1016.44	8.95	129.78	PASS	
1025.00†	1021.16	11.49	67.48	1213.50	1212.20	-964.82	-51.83	-107.84	1001.95	9.82	115.16	PASS	
1125.00†	1120.37	13.60	79.86	1309.80	1306.45	-945.70	-56.97	-108.96	986.71	10.93	100.54	PASS	
1225.00†	1219.58	15.71	92.25	1402.94	1397.66	-927.55	-61.91	-110.07	972.22	11.68	92.04	PASS	
1325.00†	1318.78	17.82	104.63	1496.73	1489.58	-909.48	-66.67	-111.20	958.33	12.48	84.26	PASS	
1425.00†	1417.99	19.93	117.02	1591.72	1582.82	-891.83	-70.90	-112.34	945.40	13.32	77.45	PASS	
1525.00†	1517.20	22.04	129.40	1692.35	1681.53	-872.79	-75.29	-113.57	932.53	14.19	71.32	PASS	
1625.00†	1616.41	24.15	141.79	1794.84	1782.01	-853.10	-79.88	-114.87	919.85	14.79	66.47	PASS	
1725.00†	1715.61	26.25	154.17	1896.73	1881.63	-832.52	-85.43	-116.28	906.90	15.31	63.14	PASS	
1825.00†	1814.82	28.36	166.56	1990.89	1973.53	-813.22	-91.55	-117.68	894.47	15.40	60.85	PASS	
1925.00†	1914.03	30.47	178.95	2091.78	2072.05	-792.31	-98.42	-119.25	882.54	15.59	59.25	PASS	
2025.00†	2013.24	32.58	191.33	2196.77	2174.53	-770.21	-104.11	-120.84	870.50	15.87	57.36	PASS	
2125.00†	2112.44	34.69	203.72	2306.65	2281.80	-746.65	-107.40	-122.40	857.89	16.24	55.18	PASS	
2225.00†	2211.65	36.80	216.10	2407.21	2379.93	-724.69	-108.17	-123.74	844.59	16.68	52.84	PASS	
2325.00†	2310.86	38.91	228.49	2513.92	2484.08	-701.46	-107.29	-125.11	831.20	17.17	50.44	PASS	
2425.00†	2410.07	41.02	240.87	2606.37	2574.25	-681.10	-106.33	-126.32	817.90	17.71	48.05	PASS	
2525.00†	2509.28	43.13	253.26	2696.29	2661.97	-661.33	-106.89	-127.63	805.78	18.30	45.77	PASS	
2625.00†	2608.48	45.24	265.64	2785.99	2749.44	-641.60	-109.24	-129.08	795.08	18.93	43.59	PASS	
2725.00†	2707.69	47.35	278.03	2873.36	2834.67	-622.74	-112.92	-130.60	786.11	19.60	41.57	PASS	
2825.00†	2806.90	49.46	290.41	2972.65	2931.55	-601.49	-117.44	-132.37	778.21	20.34	39.60	PASS	
2925.00†	2906.11	51.56	302.80	3066.15	3022.77	-581.48	-121.85	-134.09	771.16	21.09	37.80	PASS	
3025.00†	3005.31	53.67	315.19	3159.25	3113.62	-561.71	-126.73	-135.84	765.32	21.87	36.13	PASS	
3125.00†	3104.52	55.78	327.57	3255.28	3207.58	-542.33	-131.04	-137.58	760.71	22.68	34.59	PASS	
3225.00†	3203.73	57.89	339.96	3353.60	3303.68	-522.02	-135.42	-139.41	756.48	23.52	33.13	PASS	
3325.00†	3302.94	60.00	352.34	3449.67	3397.71	-502.74	-139.60	-141.18	753.44	24.38	31.80	PASS	
3425.00†	3402.14	62.11	364.73	3545.89	3491.72	-482.78	-144.04	-143.00	750.85	25.26	30.56	PASS	
3525.00†	3501.35	64.22	377.11	3639.90	3583.65	-463.68	-148.73	-144.80	749.64	26.14	29.45	PASS	
3625.00†	3600.56	66.33	389.50	3726.76	3668.28	-445.05	-154.63	-146.59	749.77	27.01	28.48	PASS	
3725.00†	3699.77	68.44	401.88	3810.12	3749.43	-427.50	-162.08	-148.38	752.64	27.89	27.66	PASS	
3825.00†	3798.97	70.55	414.27	3894.13	3831.20	-410.31	-170.80	-150.20	758.00	28.78	26.97	PASS	
3925.00†	3898.18	72.66	426.65	3980.45	3915.21	-393.30	-181.03	-152.07	765.95	29.69	26.41	PASS	
4025.00†	3997.39	74.76	439.04	4082.92	4014.98	-373.45	-193.32	-154.23	775.29	30.70	25.83	PASS	
4125.00†	4096.60	76.87	451.43	4203.87	4132.92	-349.28	-204.91	-156.64	783.40	31.84	25.14	PASS	
4225.00†	4195.80	78.98	463.81	4302.91	4229.50	-328.76	-212.54	-158.54	790.47	32.86	24.56	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 119 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 1N-23C-L AWB Offset Wellpath: LEFFLER 1N-23C-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#03 LEFFLER 1N-23C-L (1841'FNL & 275'FEL SEC.21) Well: LEFFLER 1N-23C-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4325.00†	4295.01	81.09	476.20	4396.98	4321.15	-308.91	-220.07	160.35	798.48	33.83	24.09	PASS
4425.00†	4394.22	83.20	488.58	4486.69	4408.52	-290.04	-227.78	162.05	807.89	34.77	23.70	PASS
4525.00†	4493.43	85.31	500.97	4583.98	4503.28	-269.79	-236.44	163.85	818.51	35.77	23.32	PASS
4625.00†	4592.64	87.42	513.35	4690.30	4606.80	-247.17	-245.13	165.78	829.12	36.84	22.93	PASS
4725.00†	4691.84	89.53	525.74	4799.75	4713.35	-223.39	-252.94	167.72	839.47	37.93	22.53	PASS
4825.00†	4791.05	91.64	538.12	4902.33	4813.15	-200.40	-258.66	169.49	848.91	38.99	22.16	PASS
4925.00†	4890.26	93.75	550.51	5001.52	4909.69	-178.24	-264.01	171.16	858.95	40.01	21.83	PASS
5025.00†	4989.47	95.86	562.89	5091.01	4996.73	-158.04	-268.94	172.64	869.75	40.98	21.58	PASS
5125.00†	5088.67	97.97	575.28	5188.19	5091.30	-136.46	-274.77	174.20	881.78	42.00	21.34	PASS
5225.00†	5187.88	100.07	587.67	5284.28	5184.95	-115.68	-280.21	175.67	894.30	43.01	21.12	PASS
5325.00†	5287.09	102.18	600.05	5382.54	5280.78	-94.62	-285.69	177.11	907.36	44.03	20.93	PASS
5425.00†	5386.30	104.29	612.44	5483.78	5379.44	-72.55	-290.99	178.58	920.59	45.08	20.73	PASS
5525.00†	5485.50	106.40	624.82	5581.52	5474.94	-52.28	-295.63	179.88	934.09	46.11	20.56	PASS
5625.00†	5584.71	108.51	637.21	5682.15	5573.40	-32.01	-300.17	-178.85	947.92	47.15	20.40	PASS
5725.00†	5683.92	110.62	649.59	5780.30	5669.37	-11.80	-304.07	-177.63	961.59	48.18	20.24	PASS
5825.00†	5783.13	112.73	661.98	5871.69	5758.52	7.89	-308.25	-176.46	976.19	49.16	20.13	PASS
5925.00†	5882.33	114.84	674.36	5962.05	5846.61	27.50	-312.83	-175.33	991.69	50.14	20.05	PASS
6025.00†	5981.54	116.95	686.75	6048.80	5931.16	46.22	-317.94	-174.28	1008.44	51.10	20.00	PASS
6125.00†	6080.75	119.06	699.13	6090.54	6080.02	275.42	703.69	-122.06	1019.34	43.48	23.81	PASS
6225.00†	6179.96	121.17	711.52	6101.78	6088.06	274.86	714.92	-119.43	921.02	44.02	21.25	PASS
6325.00†	6279.17	123.27	723.91	6113.15	6088.11	274.36	726.28	-116.53	822.94	44.64	18.71	PASS
6425.00†	6378.37	125.38	736.29	6124.67	6088.17	273.91	737.79	-113.31	725.17	45.39	16.21	PASS
6428.02	6381.37	125.45	736.66	6125.02	6088.17	273.89	738.14	-113.21	722.23	45.42	16.14	PASS
6525.00†	6478.12	127.33	741.32	6129.66	6088.20	273.73	742.78	65.74	627.40	46.30	13.75	PASS
6625.00†	6577.44	128.90	730.68	6120.44	6088.15	274.06	733.56	120.84	530.95	47.52	11.33	PASS
6725.00†	6673.88	130.05	704.65	6097.03	6088.04	275.09	710.18	134.06	438.86	49.37	9.00	PASS
6825.00†	6765.06	130.75	663.85	6059.79	6087.93	277.26	673.00	137.74	354.67	52.31	6.86	PASS
6925.00†	6848.75	130.99	609.29	6008.41	6087.82	281.19	621.78	136.04	282.62	57.24	4.99	PASS
7025.00†	6922.87	130.76	542.32	7944.05	7087.70	287.34	557.70	129.94	227.87	64.65	3.55	PASS
7125.00†	6985.61	130.07	464.59	7866.90	7087.74	294.91	480.93	119.86	194.60	72.94	2.68	PASS
7225.00†	7035.42	128.94	378.00	7780.57	7087.51	303.59	395.04	107.65	183.05	78.75	2.34	PASS
7244.96†	7043.70	128.66	359.84	7762.04	7087.44	305.36	376.60	105.19	182.80	79.46	2.31	PASS
7285.18†	7058.64	128.05	322.51	7722.10	7087.32	308.78	336.80	100.33	183.55	80.36	2.30	PASS
7325.00†	7071.07	127.38	284.70	7682.20	7087.19	311.69	297.00	96.17	185.42	80.80	2.31	PASS
7425.00†	7091.69	125.45	186.97	7581.63	7085.24	317.22	196.61	88.62	192.13	81.18	2.38	PASS
7511.52	7097.00	123.50	100.71	7496.27	7082.02	321.47	111.43	85.64	198.83	81.40	2.46	PASS
7525.00†	7096.91	123.18	87.23	7482.95	7080.99	322.12	98.16	85.39	199.87	81.45	2.47	PASS
7625.00†	7096.26	120.81	-12.74	7383.52	7065.27	326.08	0.19	81.37	208.00	81.89	2.55	PASS
7725.00†	7095.61	118.43	-112.71	7283.57	7029.78	324.98	-93.01	72.24	217.68	81.39	2.69	PASS
7825.00†	7094.96	116.05	-212.68	7197.55	6984.66	316.29	-165.56	60.94	233.42	79.34	2.96	PASS
7925.00†	7094.31	113.68	-312.65	7127.35	6939.40	303.91	-217.68	50.39	263.07	75.51	3.51	PASS
8025.00†	7093.66	111.30	-412.62	7072.50	6899.91	290.31	-253.19	41.96	308.22	71.56	4.34	PASS
8125.00†	7093.01	108.92	-512.59	7035.28	6871.16	279.92	-274.40	36.49	367.68	69.16	5.36	PASS
8225.00†	7092.36	106.55	-612.56	7005.29	6846.83	271.35	-289.69	32.39	437.83	67.63	6.53	PASS
8325.00†	7091.70	104.17	-712.53	6980.63	6826.12	264.21	-301.01	29.24	515.26	66.74	7.79	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 120 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **LEFFLER 1N-23C-L AWB** Offset Wellpath: **LEFFLER 1N-23C-L AWP**

Facility: SEC.21-T06N-R66W Slot: SLO#03 LEFFLER 1N-23C-L (1841'FNL & 275'FEL SEC.21) Well: LEFFLER 1N-23C-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8425.00†	7091.05	101.79	-812.50	6959.88	6808.27	258.10	-309.64	26.77	597.71	66.31	9.10	PASS	
8525.00†	7090.40	99.41	-912.47	6942.50	6793.06	252.92	-316.24	24.82	683.72	66.09	10.45	PASS	
8625.00†	7089.75	97.04	-1012.44	6927.77	6779.98	248.48	-321.38	23.24	772.31	65.99	11.82	PASS	
8725.00†	7089.10	94.66	-1112.41	6915.14	6768.65	244.65	-325.43	21.95	862.85	65.95	13.22	PASS	
8825.00†	7088.45	92.28	-1212.38	6904.21	6758.76	241.31	-328.69	20.88	954.89	65.94	14.63	PASS	
8861.52	7088.21	91.42	-1248.88	6900.58	6755.46	240.20	-329.72	20.54	988.80	65.94	15.15	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **LEFFLER 1N-23C-L AWB** Offset Wellpath: **LEFFLER 1N-23C-L AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **LEFFLER 1N-23C-L AWB** Offset Wellpath: **LEFFLER 1N-23C-L AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1792.00	1767.00	29.00	1779.22	-636.26	-15.09	-578.32	-31.86

**WELLPATH COMPOSITION** - Offset Wellbore: **LEFFLER 1N-23C-L AWB** Offset Wellpath: **LEFFLER 1N-23C-L AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1732.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<112-1732>	LEFFLER 1N-23C-L AWB
1732.00	17921.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	CUSTOM BHI AUTOTRAK CURVE (IFR, SHORT) (ROCKIES 0.03GT MODEL) <1796'-17921'>	LEFFLER 1N-23C-L AWB
17921.00	17945.00	Blind Drilling (std)	Projection to bit	LEFFLER 1N-23C-L AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **LEFFLER 1N-23C-L AWB** Offset Wellpath: **LEFFLER 1N-23C-L AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 121 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. CARLSON #18-44 AWB** Offset Wellpath: **EX. CARLSON #18-44 AWP**

Facility: SEC.18-T06N-R66W													Slot: SLOT#01 EX. CARLSON #18-44 (531'FSL & 918'FEL, PR, NB/CD)		Well: EX. CARLSON #18-44		Threshold Value=1.00 † = interpolated/extrapolated station	
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status						
25.00	25.00	0.00	0.00	52.00	25.00	1098.45	-11279.80	-84.44	11333.16	50.27	229.81	PASS						

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. CARLSON #18-44 AWB** Offset Wellpath: **EX. CARLSON #18-44 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. CARLSON #18-44 AWB** Offset Wellpath: **EX. CARLSON #18-44 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7315.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7315>	EX. CARLSON #18-44 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **EX. CARLSON #18-44 AWB** Offset Wellpath: **EX. CARLSON #18-44 AWP**

MD Reference: <b>Rig on SLOT#01 EX. CARLSON #18-44 (531'FSL &amp; 918'FEL, PR, NB/CD) (RT)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 122 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. LINDBLAD 22-20AWB** Offset Wellpath: **EX. LINDBLAD 22-20AWP**

Facility: SEC.20-T06N-R66W				Slot: SLOT#02 EX. LINDBLAD 22-20 (1915'FNL & 2267'FWL, PR, CODL)				Well: EX. LINDBLAD 22-20		Threshold Value=1.00 † = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status		
25.00	25.00	0.00	0.00	-9.00	25.00	-1266.14	-8070.33	-98.92	8169.05	25.57	332.01	PASS		

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. LINDBLAD 22-20AWB** Offset Wellpath: **EX. LINDBLAD 22-20AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. LINDBLAD 22-20AWB** Offset Wellpath: **EX. LINDBLAD 22-20AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7780.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7780>	EX. LINDBLAD 22-20AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **EX. LINDBLAD 22-20AWB** Offset Wellpath: **EX. LINDBLAD 22-20AWP**

MD Reference: Rig on SLOT#02 LINDBLAD 22-20 (1915'FNL & 2267'FWL, PR, CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4743.00ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 123 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. STATE HOPPE #16-1 AWB Offset Wellpath: EX. STATE HOPPE #16-1 AWP

Facility: SEC.16-T06N-R66W		Slot: SLOT#01 EX. STATE HOPPE #16-1 (561'FSL & 664'FWL, PR-NB/CD)		Well: EX. STATE HOPPE #16-1		Threshold Value=1.00 † = Interpolated/extrapolated station							
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	12.00	25.00	1226.32	-4386.66	-74.38	4554.85	50.19	92.51	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. STATE HOPPE #16-1 AWB Offset Wellpath: EX. STATE HOPPE #16-1 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. STATE HOPPE #16-1 AWB Offset Wellpath: EX. STATE HOPPE #16-1 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7282.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7282>	EX. STATE HOPPE #16-1 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. STATE HOPPE #16-1 AWB Offset Wellpath: EX. STATE HOPPE #16-1 AWP

MD Reference: Rig on SLOT#1 EX. STATE HOPPE #16-1 (561'FSL & 664'FWL, PR-NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 124 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. BURMAN #16-43 AWB** Offset Wellpath: **EX. BURMAN #16-43 AWP**

Facility: SEC.16-T06N-R66W		Slot: SLOT#02 EX. BURMAN #16-43 (466'FSL & 1793'FEL, PR, NB/CD)		Well: EX. BURMAN #16-43		Threshold Value=1.00		† = Interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	19.00	25.00	1231.08	-1535.29	-51.28	1967.91	50.21	39.94	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. BURMAN #16-43 AWB** Offset Wellpath: **EX. BURMAN #16-43 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. BURMAN #16-43 AWB** Offset Wellpath: **EX. BURMAN #16-43 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7396.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7396>	EX. BURMAN #16-43 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **EX. BURMAN #16-43 AWB** Offset Wellpath: **EX. BURMAN #16-43 AWP**

MD Reference: Rig on SLOT#02 EX. BURMAN #16-43 (466'FSL & 1793'FEL, PR, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 125 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER #8-8-17 AWB Offset Wellpath: EX. FRITZLER #8-8-17 AWP

Facility: SEC.17-T06N-R66W Slot: SLOT#01 EX.FRITZLER #8-8-17 (658'FSL & 608'FEL, PR,NB/CD) Well: EX. FRITZLER #8-8-17 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	1076.63	1069.61	1253.69	-5553.39	-77.28	5788.19	50.29	117.34	PASS	
125.00†	125.00	0.00	0.00	1131.23	1122.95	1245.08	-5545.55	-77.35	5770.55	50.45	116.60	PASS	
225.00†	225.00	0.00	0.00	1194.11	1184.46	1235.23	-5536.89	-77.42	5753.57	50.62	115.86	PASS	
300.00	300.00	0.00	0.00	1241.36	1230.70	1227.85	-5530.64	-77.48	5741.23	50.74	115.31	PASS	
325.00†	325.00	0.02	0.11	1257.12	1246.14	1225.39	-5528.60	-157.87	5737.30	50.79	115.14	PASS	
425.00†	424.96	0.46	2.69	1320.37	1308.10	1215.53	-5520.66	-158.06	5723.96	50.97	114.44	PASS	
525.00†	524.77	1.48	8.71	1382.71	1369.23	1205.85	-5513.21	-158.22	5714.47	51.20	113.72	PASS	
625.00†	624.30	3.09	18.15	1431.76	1417.42	1198.58	-5507.64	-158.34	5709.00	51.44	113.09	PASS	
660.88	659.93	3.81	22.38	1449.40	1434.78	1196.12	-5505.72	-158.37	5708.05	51.52	112.90	PASS	
725.00†	723.54	5.16	30.32	1496.26	1480.96	1189.90	-5500.72	-158.45	5706.99	51.65	112.57	PASS	
825.00†	822.75	7.27	42.70	1715.97	1697.25	1162.71	-5473.46	-158.76	5703.33	52.07	111.58	PASS	
925.00†	921.95	9.38	55.09	1765.13	1745.63	1156.48	-5467.36	-158.83	5700.15	52.29	111.05	PASS	
1025.00†	1021.16	11.49	67.48	1860.41	1839.35	1143.58	-5456.02	-158.98	5697.38	52.53	110.35	PASS	
1125.00†	1120.37	13.60	79.86	2181.23	2154.16	1100.42	-5412.28	-159.46	5693.28	53.30	108.77	PASS	
1225.00†	1219.58	15.71	92.25	2234.28	2206.10	1093.39	-5404.10	-159.54	5687.22	53.58	108.07	PASS	
1325.00†	1318.78	17.82	104.63	2279.78	2250.77	1087.94	-5397.37	-159.60	5682.06	53.85	107.43	PASS	
1425.00†	1417.99	19.93	117.02	2326.68	2296.92	1082.90	-5390.77	-159.66	5677.86	54.12	106.80	PASS	
1525.00†	1517.20	22.04	129.40	2384.96	2354.35	1076.62	-5383.03	-159.73	5674.50	54.42	106.14	PASS	
1625.00†	1616.41	24.15	141.79	2547.56	2514.18	1055.88	-5361.59	-159.97	5670.78	54.96	105.00	PASS	
1725.00†	1715.61	26.25	154.17	2758.66	2721.21	1027.10	-5332.24	-160.29	5666.89	55.67	103.57	PASS	
1825.00†	1814.82	28.36	166.56	2838.91	2799.52	1014.37	-5320.14	-160.43	5660.89	55.79	102.76	PASS	
1925.00†	1914.03	30.47	178.95	2891.52	2851.00	1006.72	-5312.49	-160.52	5655.69	56.07	102.16	PASS	
2025.00†	2013.24	32.58	191.33	2931.07	2889.81	1001.35	-5307.04	-160.58	5651.45	56.31	101.63	PASS	
2125.00†	2112.44	34.69	203.72	2970.71	2928.78	996.20	-5301.95	-160.64	5648.29	56.56	101.11	PASS	
2225.00†	2211.65	36.80	216.10	3089.56	3045.56	979.83	-5287.22	-160.82	5645.46	57.06	100.17	PASS	
2325.00†	2310.86	38.91	228.49	3120.29	3075.78	975.58	-5283.56	-160.87	5643.15	57.31	99.69	PASS	
2425.00†	2410.07	41.02	240.87	3151.15	3106.22	971.78	-5280.17	-160.92	5642.06	57.56	99.23	PASS	
2525.00†	2509.28	43.13	253.26	3190.28	3144.92	967.54	-5276.26	-160.97	5642.18	57.84	98.74	PASS	
2625.00†	2608.48	45.24	265.64	3240.54	3194.69	962.36	-5271.63	-161.04	5643.24	58.16	98.21	PASS	
2725.00†	2707.69	47.35	278.03	3337.48	3290.73	952.15	-5263.35	-161.17	5644.95	58.64	97.42	PASS	
2825.00†	2806.90	49.46	290.41	3406.67	3359.22	944.19	-5257.55	-161.26	5646.72	59.05	96.77	PASS	
2925.00†	2906.11	51.56	302.80	3567.41	3518.46	927.08	-5243.83	-161.48	5648.60	59.79	95.60	PASS	
3025.00†	3005.31	53.67	315.19	3618.58	3569.11	921.39	-5239.36	-161.55	5650.11	60.17	95.02	PASS	
3125.00†	3104.52	55.78	327.57	4083.63	4026.39	858.56	-5184.83	-162.28	5646.32	62.10	91.97	PASS	
3225.00†	3203.73	57.89	339.96	4122.81	4064.79	852.98	-5179.45	-162.34	5642.47	62.51	91.29	PASS	
3325.00†	3302.94	60.00	352.34	4169.36	4110.53	846.79	-5173.43	-162.42	5639.62	62.95	90.59	PASS	
3425.00†	3402.14	62.11	364.73	4275.16	4214.62	832.84	-5160.56	-162.58	5637.64	63.63	89.58	PASS	
3525.00†	3501.35	64.22	377.11	4340.54	4278.70	822.69	-5152.56	-162.70	5635.32	64.18	88.78	PASS	
3625.00†	3600.56	66.33	389.50	4383.34	4320.75	816.34	-5147.74	-162.77	5634.02	64.64	88.12	PASS	
3725.00†	3699.77	68.44	401.88	4441.63	4378.14	808.12	-5141.64	-162.87	5633.65	65.17	87.39	PASS	
3825.00†	3798.97	70.55	414.27	4501.50	4437.15	799.96	-5135.68	-162.96	5633.94	65.71	86.67	PASS	
3925.00†	3898.18	72.66	426.65	4545.57	4480.66	794.23	-5131.65	-163.03	5635.13	66.18	86.06	PASS	
4025.00†	3997.39	74.76	439.04	4588.90	4523.51	788.89	-5128.06	-163.10	5637.32	66.65	85.48	PASS	
4125.00†	4096.60	76.87	451.43	4625.58	4559.84	784.64	-5125.38	-163.15	5640.59	67.09	84.96	PASS	
4225.00†	4195.80	78.98	463.81	4662.29	4596.26	780.68	-5123.06	-163.20	5644.99	67.53	84.46	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 126 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER #8-8-17 AWP Offset Wellpath: EX. FRITZLER #8-8-17 AWP

Facility: SEC.17-T06N-R66W			Slot: SLOT#01 EX.FRITZLER #8-8-17 (658'FSL & 608'FEL, PR,NB/CD)			Well: EX. FRITZLER #8-8-17			Threshold Value=1.00			† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status		
4325.00†	4295.01	81.09	476.20	4703.02	4636.74	776.60	-5120.90	-163.25	5650.49	67.99	83.97	PASS		
4425.00†	4394.22	83.20	488.58	4747.48	4680.94	772.34	-5118.95	-163.31	5656.99	68.46	83.48	PASS		
4525.00†	4493.43	85.31	500.97	4863.43	4796.41	762.80	-5114.42	-163.44	5664.22	69.25	82.63	PASS		
4625.00†	4592.64	87.42	513.35	4929.71	4862.48	758.54	-5111.53	-163.51	5671.20	69.81	82.06	PASS		
4725.00†	4691.84	89.53	525.74	4987.98	4920.60	754.97	-5109.36	-163.56	5678.86	70.35	81.54	PASS		
4825.00†	4791.05	91.64	538.12	5041.35	4973.87	751.95	-5107.77	-163.61	5687.32	70.86	81.06	PASS		
4925.00†	4890.26	93.75	550.51	5087.20	5019.66	749.75	-5106.74	-163.65	5696.63	71.33	80.65	PASS		
5025.00†	4989.47	95.86	562.89	5129.39	5061.82	748.70	-5106.11	-163.67	5706.93	71.78	80.29	PASS		
5125.00†	5088.67	97.97	575.28	5184.87	5117.30	748.66	-5105.70	-163.69	5718.19	72.28	79.89	PASS		
5225.00†	5187.88	100.07	587.67	5259.87	5192.30	748.63	-5105.48	-163.72	5729.97	72.85	79.42	PASS		
5325.00†	5287.09	102.18	600.05	5340.97	5273.40	748.48	-5105.57	-163.75	5742.12	73.45	78.93	PASS		
5425.00†	5386.30	104.29	612.44	5436.41	5368.84	748.03	-5105.88	-163.79	5754.46	74.13	78.37	PASS		
5525.00†	5485.50	106.40	624.82	5532.19	5464.62	747.48	-5106.26	-163.82	5766.87	74.81	77.81	PASS		
5625.00†	5584.71	108.51	637.21	5628.25	5560.68	746.83	-5106.72	-163.87	5779.33	75.50	77.26	PASS		
5725.00†	5683.92	110.62	649.59	5728.81	5661.23	746.27	-5107.19	-163.91	5791.81	76.21	76.70	PASS		
5825.00†	5783.13	112.73	661.98	5829.39	5761.81	745.97	-5107.60	-163.94	5804.27	76.93	76.14	PASS		
5925.00†	5882.33	114.84	674.36	5934.07	5866.49	745.93	-5107.97	-163.98	5816.69	77.67	75.57	PASS		
6025.00†	5981.54	116.95	686.75	6050.51	5982.93	745.53	-5108.16	-164.03	5828.90	78.49	74.93	PASS		
6125.00†	6080.75	119.06	699.13	6166.98	6099.40	744.54	-5108.07	-164.08	5840.82	79.31	74.30	PASS		
6225.00†	6179.96	121.17	711.52	6296.14	6228.55	742.99	-5107.50	-164.13	5852.35	80.23	73.59	PASS		
6325.00†	6279.17	123.27	723.91	6428.08	6360.47	741.35	-5106.21	-164.19	5863.35	81.17	72.86	PASS		
6425.00†	6378.37	125.38	736.29	6533.53	6465.90	739.88	-5104.77	-164.24	5873.94	82.00	72.25	PASS		
6428.02	6381.37	125.45	736.66	6536.34	6468.71	739.84	-5104.73	-164.24	5874.26	82.02	72.23	PASS		
6525.00†	6478.12	127.33	741.32	6626.98	6559.32	738.07	-5103.61	-26.15	5877.31	82.78	71.60	PASS		
6625.00†	6577.44	128.90	730.68	6719.83	6652.14	735.74	-5102.61	1.74	5865.25	83.75	70.62	PASS		
6725.00†	6673.88	130.05	704.65	6809.31	6741.58	733.16	-5101.78	4.63	5838.06	85.15	69.13	PASS		
6825.00†	6765.06	130.75	663.85	6893.53	6825.77	731.05	-5101.07	6.15	5796.41	86.42	67.62	PASS		
6925.00†	6848.75	130.99	609.29	6970.79	6903.00	729.42	-5100.46	7.58	5741.29	87.50	66.14	PASS		
7025.00†	6922.87	130.76	542.32	7041.59	6973.79	728.19	-5099.95	9.37	5674.05	88.39	64.71	PASS		
7125.00†	6985.61	130.07	464.59	7121.74	7053.93	726.91	-5099.24	12.06	5596.16	89.16	63.26	PASS		
7225.00†	7035.42	128.94	378.00	7184.50	7116.68	725.92	-5098.49	16.63	5509.54	89.70	61.90	PASS		
7325.00†	7071.07	127.38	284.70	7228.49	7160.66	725.22	-5097.88	25.93	5416.41	90.05	60.62	PASS		
7425.00†	7091.69	125.45	186.97	7252.87	7185.04	724.84	-5097.50	50.47	5319.18	90.24	59.40	PASS		
7511.52	7097.00	123.50	100.71	7257.89	7190.05	724.76	-5097.42	99.92	5233.61	90.30	58.41	PASS		
7525.00†	7096.91	123.18	87.23	7257.51	7189.68	724.77	-5097.43	99.90	5220.26	90.31	58.25	PASS		
7625.00†	7096.26	120.81	-12.74	7254.72	7186.88	724.81	-5097.47	99.68	5121.28	90.35	57.12	PASS		
7725.00†	7095.61	118.43	-112.71	7251.96	7184.12	724.85	-5097.52	99.47	5022.33	90.41	55.98	PASS		
7825.00†	7094.96	116.05	-212.68	7249.22	7181.39	724.90	-5097.56	99.26	4923.43	90.49	54.83	PASS		
7925.00†	7094.31	113.68	-312.65	7246.52	7178.68	724.94	-5097.60	99.05	4824.57	90.59	53.67	PASS		
8025.00†	7093.66	111.30	-412.62	7243.84	7176.00	724.98	-5097.64	98.84	4725.76	90.71	52.50	PASS		
8125.00†	7093.01	108.92	-512.59	7241.18	7173.35	725.02	-5097.68	98.64	4627.00	90.85	51.32	PASS		
8225.00†	7092.36	106.55	-612.56	7238.56	7170.72	725.06	-5097.72	98.43	4528.29	91.02	50.13	PASS		
8325.00†	7091.70	104.17	-712.53	7235.95	7168.12	725.11	-5097.76	98.23	4429.64	91.22	48.93	PASS		
8425.00†	7091.05	101.79	-812.50	7233.38	7165.54	725.15	-5097.80	98.03	4331.04	91.46	47.72	PASS		
8525.00†	7090.40	99.41	-912.47	7230.83	7162.99	725.19	-5097.84	97.83	4232.52	91.72	46.49	PASS		

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 127 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER #8-8-17 AWP Offset Wellpath: EX. FRITZLER #8-8-17 AWP

Facility: SEC.17-T06N-R66W Slot: SLOT#01 EX.FRITZLER #8-8-17 (658'FSL & 608'FEL, PR,NB/CD) Well: EX. FRITZLER #8-8-17 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7228.30	7160.47	725.23	-5097.88	97.64	4134.06	92.03	45.26	PASS	
8725.00†	7089.10	94.66	-1112.41	7225.80	7157.97	725.27	-5097.92	97.44	4035.67	92.38	44.01	PASS	
8825.00†	7088.45	92.28	-1212.38	7223.32	7155.49	725.31	-5097.95	97.25	3937.37	92.78	42.76	PASS	
8861.52	7088.21	91.42	-1248.88	7222.42	7154.59	725.32	-5097.97	97.18	3901.50	92.94	42.29	PASS	
8925.00†	7087.80	88.85	-1312.31	7220.88	7153.05	725.34	-5097.99	96.02	3839.36	93.25	41.48	PASS	
9025.00†	7087.14	80.54	-1411.95	7218.56	7150.74	725.38	-5098.02	94.77	3742.59	93.92	40.15	PASS	
9125.00†	7086.49	67.03	-1511.02	7216.37	7148.54	725.41	-5098.05	93.94	3647.48	94.82	38.75	PASS	
9216.11	7085.90	50.22	-1600.55	7214.49	7146.66	725.44	-5098.08	93.39	3562.63	95.90	37.42	PASS	
9225.00†	7085.84	48.37	-1609.25	7214.31	7146.48	725.45	-5098.08	93.38	3554.44	96.02	37.29	PASS	
9316.11	7085.25	29.43	-1698.37	7212.49	7144.67	725.48	-5098.11	93.31	3470.77	97.33	35.91	PASS	
9325.00†	7085.19	27.60	-1707.07	7212.32	7144.49	725.48	-5098.11	93.34	3462.62	97.47	35.78	PASS	
9425.00†	7084.53	9.84	-1805.47	7210.27	7142.45	725.51	-5098.14	93.72	3370.05	99.02	34.27	PASS	
9525.00†	7083.88	-2.75	-1904.66	7208.14	7140.32	725.54	-5098.17	94.21	3275.99	100.57	32.80	PASS	
9625.00†	7083.23	-10.13	-2004.37	7205.93	7138.10	725.58	-5098.20	94.85	3180.58	102.05	31.38	PASS	
9674.43	7082.91	-11.85	-2053.77	7204.81	7136.98	725.60	-5098.22	95.25	3132.95	102.75	30.70	PASS	
9725.00†	7082.58	-12.95	-2104.32	7203.65	7135.83	725.62	-5098.23	95.16	3084.12	103.46	30.01	PASS	
9825.00†	7081.93	-15.13	-2204.30	7201.38	7133.56	725.65	-5098.26	95.00	2987.72	104.97	28.65	PASS	
9925.00†	7081.27	-17.31	-2304.27	7199.14	7131.31	725.69	-5098.30	94.84	2891.56	106.63	27.29	PASS	
10025.00†	7080.62	-19.49	-2404.25	7196.91	7129.09	725.72	-5098.33	94.69	2795.67	108.46	25.94	PASS	
10125.00†	7079.97	-21.68	-2504.22	7194.70	7126.88	725.76	-5098.36	94.53	2700.07	110.48	24.59	PASS	
10225.00†	7079.32	-23.86	-2604.19	7192.52	7124.69	725.79	-5098.39	94.38	2604.81	112.69	23.25	PASS	
10325.00†	7078.67	-26.04	-2704.17	7190.35	7122.53	725.83	-5098.41	94.22	2509.91	115.13	21.93	PASS	
10425.00†	7078.02	-28.22	-2804.14	7188.20	7120.38	725.86	-5098.44	94.07	2415.42	117.82	20.62	PASS	
10525.00†	7077.37	-30.40	-2904.12	7186.07	7118.25	725.89	-5098.47	93.92	2321.39	120.78	19.33	PASS	
10625.00†	7076.72	-32.58	-3004.09	7183.96	7116.14	725.93	-5098.50	93.77	2227.88	124.05	18.06	PASS	
10725.00†	7076.07	-34.76	-3104.07	7181.87	7114.05	725.96	-5098.53	93.62	2134.95	127.66	16.81	PASS	
10825.00†	7075.42	-36.95	-3204.04	7179.80	7111.98	725.99	-5098.55	93.47	2042.69	131.65	15.59	PASS	
10925.00†	7074.76	-39.13	-3304.01	7177.74	7109.92	726.03	-5098.58	93.33	1951.20	136.06	14.41	PASS	
11025.00†	7074.11	-41.31	-3403.99	7175.70	7107.89	726.06	-5098.61	93.18	1860.57	140.95	13.26	PASS	
11125.00†	7073.46	-43.49	-3503.96	7173.68	7105.87	726.09	-5098.63	93.04	1770.95	146.37	12.15	PASS	
11174.43	7073.14	-44.57	-3553.38	7172.69	7104.87	726.11	-5098.64	92.97	1727.07	149.27	11.62	PASS	
11225.00†	7072.81	-46.34	-3603.92	7171.69	7103.88	726.12	-5098.66	92.75	1682.83	152.46	11.08	PASS	
11249.77	7072.65	-47.70	-3628.64	7171.21	7103.40	726.13	-5098.66	92.66	1661.54	154.15	10.82	PASS	
11325.00†	7072.16	-52.30	-3703.73	7169.77	7101.96	726.15	-5098.68	92.56	1597.73	159.58	10.05	PASS	
11425.00†	7071.51	-58.42	-3803.54	7167.87	7100.06	726.18	-5098.70	92.43	1514.55	167.49	9.08	PASS	
11525.00†	7070.86	-64.55	-3903.36	7165.99	7098.17	726.21	-5098.73	92.31	1433.51	176.24	8.16	PASS	
11625.00†	7070.21	-70.67	-4003.17	7164.12	7096.30	726.24	-5098.75	92.18	1355.01	185.90	7.31	PASS	
11725.00†	7069.56	-76.79	-4102.98	7162.27	7094.45	726.27	-5098.77	92.06	1279.51	196.53	6.53	PASS	
11825.00†	7068.91	-82.91	-4202.79	7160.43	7092.61	726.30	-5098.80	91.94	1207.57	208.14	5.82	PASS	
11925.00†	7068.25	-89.04	-4302.60	7158.61	7090.79	726.33	-5098.82	91.82	1139.87	220.73	5.18	PASS	
12025.00†	7067.60	-95.16	-4402.41	7156.80	7088.99	726.36	-5098.84	91.70	1077.20	234.17	4.61	PASS	
12125.00†	7066.95	-101.28	-4502.22	7155.01	7087.19	726.39	-5098.86	91.58	1020.50	248.26	4.12	PASS	
12225.00†	7066.30	-107.40	-4602.03	7153.23	7085.42	726.41	-5098.88	91.46	970.81	262.62	3.70	PASS	
12325.00†	7065.65	-113.52	-4701.84	7151.47	7083.65	726.44	-5098.90	91.35	929.26	276.68	3.36	PASS	
12425.00†	7065.00	-119.65	-4801.65	7149.72	7081.91	726.47	-5098.92	91.23	896.98	289.72	3.10	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 128 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: EX. FRITZLER #8-8-17 AWB Offset Wellpath: EX. FRITZLER #8-8-17 AWP

Facility: SEC.17-T06N-R66W		Slot: SLOT#01 EX.FRITZLER #8-8-17 (658'FSL & 608'FEL, PR,NB/CD)				Well: EX. FRITZLER #8-8-17		Threshold Value=1.00		† = interpolated/extrapolated station		
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
12525.00†	7064.35	-125.77	-4901.46	7147.99	7080.17	726.50	-5098.94	91.11	874.99	300.91	2.91	PASS
12625.00†	7063.70	-131.89	-5001.27	7146.27	7078.45	726.52	-5098.96	91.00	864.08	309.44	2.80	PASS
12670.04†	7063.40	-134.65	-5046.22	7145.41	7077.59	726.54	-5098.97	90.94	862.92	312.25	2.77	PASS
12725.00†	7063.05	-138.01	-5101.08	7144.56	7076.75	726.55	-5098.98	90.89	864.68	314.74	2.75	PASS
12741.40†	7062.94	-139.02	-5117.45	7144.28	7076.47	726.56	-5098.99	90.87	865.88	315.28	2.75	PASS
12825.00†	7062.40	-144.13	-5200.89	7142.87	7075.06	726.58	-5099.00	90.77	876.75	316.58	2.77	PASS
12925.00†	7061.74	-150.26	-5300.70	7141.19	7073.38	726.61	-5099.02	90.66	899.83	315.16	2.86	PASS
12949.77	7061.58	-151.77	-5325.42	7140.78	7072.96	726.61	-5099.03	90.64	907.16	314.35	2.89	PASS
13025.00†	7061.09	-154.90	-5400.58	7139.50	7071.69	726.63	-5099.04	90.56	931.74	310.94	3.00	PASS
13125.00†	7060.44	-154.47	-5500.57	7137.74	7069.93	726.66	-5099.06	90.45	968.34	304.43	3.19	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: EX. FRITZLER #8-8-17 AWB Offset Wellpath: EX. FRITZLER #8-8-17 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: EX. FRITZLER #8-8-17 AWB Offset Wellpath: EX. FRITZLER #8-8-17 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7380.00	ISWWSA MWD, Rev. 4 (Standard)	MS ENERGY SERVICES MWD SURVEY FROM COGCC <172-7380>	EX. FRITZLER #8-8-17 AWB
7380.00	7433.00	Blind Drilling (std)	Projection to bit	EX. FRITZLER #8-8-17 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: EX. FRITZLER #8-8-17 AWB Offset Wellpath: EX. FRITZLER #8-8-17 AWP

MD Reference: Rig on SLOT#01 FRITZLER #8-8-17 (658'FSL & 608'FEL, PR,NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 129 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: EX. LEFFLER FARM #2-21 AWB Offset Wellpath: EX. LEFFLER FARM #2-21 AWP

Facility: SEC.21-T06N-R66W		Slot: SLOT#1 EX. LEFFLER FARM #2-21 (1980'FNL & 1980'FEL, PA-CODL)		Well: EX. LEFFLER FARM #2-21		Threshold Value=1.00		† = Interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	6.00	25.00	-1212.39	-1736.59	-124.92	2117.93	50.18	43.01	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: EX. LEFFLER FARM #2-21 AWB Offset Wellpath: EX. LEFFLER FARM #2-21 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: EX. LEFFLER FARM #2-21 AWB Offset Wellpath: EX. LEFFLER FARM #2-21 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7325.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7325>	EX. LEFFLER FARM #2-21 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: EX. LEFFLER FARM #2-21 AWB Offset Wellpath: EX. LEFFLER FARM #2-21 AWP

MD Reference: Rig on LEFFLER FARNS #2-21 (1980'FNL & 1980'FEL, PA-CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 130 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **WARD M-20-19HN PWB** Offset Wellpath: **WARD M-20-19HN PWP**

Facility: SEC.20-T06N-R66W Slot: SLOT#03 WARD #M-20-19HN Well: WARD M-20-19HN Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	1779.05	1763.72	-3851.47	-5180.69	-126.63	6685.54	50.74	133.99	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **WARD M-20-19HN PWB** Offset Wellpath: **WARD M-20-19HN PWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **WARD M-20-19HN PWB** Offset Wellpath: **WARD M-20-19HN PWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
7in Casing	23.00	7806.00	7783.00	46.00	6997.65	-2530.90	-3205.20	-1908.64	-3307.22

**WELLPATH COMPOSITION** - Offset Wellbore: **WARD M-20-19HN PWB** Offset Wellpath: **WARD M-20-19HN PWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	17951.80	ISCWSA MWD, Rev. 4 (Standard)	NOT ACTUAL SURVEYS (PLANNED WELLBORE FOR CLEARANCE WITH SYNERGY HOOD PAD)	WARD M-20-19HN PWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **WARD M-20-19HN PWB** Offset Wellpath: **WARD M-20-19HN PWP**

MD Reference: 23' FROM ENSIGN PLANS (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	23.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 131 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 11-21-4 AWP Offset Wellpath: EX. FRITZLER 11-21-4 AWP

Facility: SEC.21-T06N-66W Slot: SLOT#06 EX. FRITZLER 11-21-4 (645'FNL & 664'FWL, PR, NB/CD) Well: EX. FRITZLER 11-21-4 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	1.99	24.99	72.89	-4395.21	-89.05	4395.82	50.17	89.32	PASS	
125.00†	125.00	0.00	0.00	101.32	124.32	72.87	-4395.22	-89.05	4395.82	50.18	89.30	PASS	
225.00†	225.00	0.00	0.00	500.27	522.74	81.89	-4382.57	-88.93	4393.43	50.22	89.17	PASS	
300.00	300.00	0.00	0.00	954.47	970.81	131.07	-4329.55	-88.27	4383.17	50.26	88.89	PASS	
325.00†	325.00	0.02	0.11	969.70	985.69	133.31	-4327.19	-168.59	4379.47	50.30	88.75	PASS	
425.00†	424.96	0.46	2.69	1037.89	1052.30	143.76	-4316.99	-168.50	4367.35	50.47	88.20	PASS	
525.00†	524.77	1.48	8.71	1125.11	1137.55	157.08	-4304.28	-168.36	4359.08	50.71	87.61	PASS	
625.00†	624.30	3.09	18.15	1216.52	1226.99	170.68	-4291.21	-168.22	4354.53	50.95	87.09	PASS	
660.88	659.93	3.81	22.38	1263.42	1272.89	177.60	-4284.46	-168.14	4353.71	51.05	86.91	PASS	
725.00†	723.54	5.16	30.32	1347.24	1354.86	190.01	-4272.09	-168.00	4352.41	51.21	86.61	PASS	
825.00†	822.75	7.27	42.70	1426.10	1431.94	201.69	-4260.25	-167.87	4350.21	51.43	86.18	PASS	
925.00†	921.95	9.38	55.09	1476.16	1480.99	208.87	-4253.27	-167.79	4349.06	51.64	85.80	PASS	
1025.00†	1021.16	11.49	67.48	1526.30	1530.23	215.81	-4246.85	-167.71	4349.05	51.85	85.44	PASS	
1125.00†	1120.37	13.60	79.86	1576.49	1579.62	222.52	-4240.99	-167.64	4350.20	52.07	85.11	PASS	
1225.00†	1219.58	15.71	92.25	1664.76	1666.54	234.50	-4231.35	-167.50	4352.14	52.34	84.69	PASS	
1325.00†	1318.78	17.82	104.63	1752.56	1752.98	246.72	-4221.90	-167.37	4354.28	52.63	84.26	PASS	
1425.00†	1417.99	19.93	117.02	1873.30	1872.03	261.98	-4208.88	-167.20	4356.39	52.98	83.73	PASS	
1525.00†	1517.20	22.04	129.40	1930.95	1928.90	269.23	-4202.78	-167.12	4358.72	53.24	83.36	PASS	
1625.00†	1616.41	24.15	141.79	2105.76	2101.27	291.49	-4184.11	-166.88	4361.19	53.74	82.62	PASS	
1725.00†	1715.61	26.25	154.17	2254.78	2247.97	310.01	-4165.61	-166.68	4361.71	54.22	81.89	PASS	
1825.00†	1814.82	28.36	166.56	2356.33	2347.84	323.01	-4152.53	-166.54	4361.82	54.33	81.33	PASS	
1925.00†	1914.03	30.47	178.95	2505.37	2494.05	342.94	-4131.61	-166.31	4360.61	54.79	80.61	PASS	
2025.00†	2013.24	32.58	191.33	2585.04	2572.27	353.23	-4120.52	-166.20	4359.75	55.12	80.11	PASS	
2125.00†	2112.44	34.69	203.72	2725.79	2710.43	371.62	-4100.96	-166.00	4359.06	55.63	79.36	PASS	
2225.00†	2211.65	36.80	216.10	2863.43	2844.71	393.01	-4079.62	-165.75	4356.70	56.16	78.55	PASS	
2325.00†	2310.86	38.91	228.49	2940.01	2919.47	404.69	-4067.83	-165.61	4354.60	56.57	77.94	PASS	
2425.00†	2410.07	41.02	240.87	3113.34	3088.99	428.97	-4041.09	-165.34	4352.78	57.25	76.97	PASS	
2525.00†	2509.28	43.13	253.26	3165.80	3140.28	436.01	-4032.61	-165.26	4349.85	57.62	76.41	PASS	
2625.00†	2608.48	45.24	265.64	3251.59	3224.35	447.06	-4019.61	-165.13	4347.89	58.10	75.75	PASS	
2725.00†	2707.69	47.35	278.03	3349.36	3320.10	459.86	-4004.49	-164.99	4345.71	58.63	75.02	PASS	
2825.00†	2806.90	49.46	290.41	3408.16	3377.74	467.47	-3995.68	-164.90	4344.10	59.05	74.45	PASS	
2925.00†	2906.11	51.56	302.80	3445.53	3414.44	472.29	-3990.59	-164.85	4343.80	59.41	73.99	PASS	
3025.00†	3005.31	53.67	315.19	3482.90	3451.22	477.11	-3986.04	-164.79	4344.96	59.77	73.56	PASS	
3125.00†	3104.52	55.78	327.57	3590.26	3556.87	491.37	-3973.43	-164.64	4346.60	60.38	72.83	PASS	
3225.00†	3203.73	57.89	339.96	3625.22	3591.29	496.20	-3969.58	-164.58	4349.07	60.75	72.43	PASS	
3325.00†	3302.94	60.00	352.34	3660.15	3625.70	501.13	-3966.24	-164.53	4353.04	61.11	72.06	PASS	
3425.00†	3402.14	62.11	364.73	3774.58	3738.36	518.51	-3956.30	-164.34	4358.05	61.81	71.31	PASS	
3525.00†	3501.35	64.22	377.11	4097.09	4053.99	571.10	-3916.29	-163.74	4358.40	63.43	69.48	PASS	
3625.00†	3600.56	66.33	389.50	4265.46	4218.92	593.45	-3890.93	-163.49	4356.86	64.38	68.41	PASS	
3725.00†	3699.77	68.44	401.88	4306.02	4258.66	598.78	-3884.81	-163.43	4355.38	64.87	67.87	PASS	
3825.00†	3798.97	70.55	414.27	4351.13	4302.99	604.47	-3878.66	-163.36	4355.26	65.37	67.35	PASS	
3925.00†	3898.18	72.66	426.65	4440.88	4391.20	616.14	-3866.94	-163.23	4355.85	66.05	66.65	PASS	
4025.00†	3997.39	74.76	439.04	4505.80	4455.02	624.78	-3858.78	-163.14	4356.97	66.64	66.07	PASS	
4125.00†	4096.60	76.87	451.43	4607.50	4555.18	637.49	-3846.65	-163.00	4358.67	67.39	65.35	PASS	
4225.00†	4195.80	78.98	463.81	4667.98	4614.87	644.24	-3839.54	-162.93	4360.50	67.97	64.82	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 132 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 11-21-4 AWP Offset Wellpath: EX. FRITZLER 11-21-4 AWP

Facility: SEC.21-T06N-66W		Slot: SLOT#06 EX. FRITZLER 11-21-4 (645'FNL & 664'FWL, PR, NB/CD)		Well: EX. FRITZLER 11-21-4		Threshold Value=1.00		↑ = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4714.69	4661.07	649.16	-3834.68	-162.88	4363.53	68.49	64.37	PASS	
4425.00†	4394.22	83.20	488.58	4837.45	4782.61	661.10	-3822.36	-162.76	4366.81	69.32	63.64	PASS	
4525.00†	4493.43	85.31	500.97	4891.79	4836.48	666.00	-3817.14	-162.72	4370.46	69.87	63.18	PASS	
4625.00†	4592.64	87.42	513.35	4952.30	4896.55	671.22	-3811.97	-162.67	4375.11	70.45	62.73	PASS	
4725.00†	4691.84	89.53	525.74	5017.39	4961.21	676.69	-3806.95	-162.62	4380.58	71.04	62.27	PASS	
4825.00†	4791.05	91.64	538.12	5082.45	5025.90	682.00	-3802.46	-162.58	4386.84	71.64	61.84	PASS	
4925.00†	4890.26	93.75	550.51	5149.42	5092.55	687.17	-3798.42	-162.54	4393.88	72.24	61.42	PASS	
5025.00†	4989.47	95.86	562.89	5217.35	5160.24	691.63	-3794.90	-162.51	4401.65	72.84	61.02	PASS	
5125.00†	5088.67	97.97	575.28	5285.25	5227.97	695.28	-3792.00	-162.49	4410.14	73.44	60.63	PASS	
5225.00†	5187.88	100.07	587.67	5366.34	5308.94	698.84	-3789.12	-162.48	4419.21	74.08	60.22	PASS	
5325.00†	5287.09	102.18	600.05	5449.35	5391.85	701.98	-3786.55	-162.47	4428.66	74.73	59.82	PASS	
5425.00†	5386.30	104.29	612.44	5532.30	5474.73	704.62	-3784.37	-162.47	4438.48	75.39	59.42	PASS	
5525.00†	5485.50	106.40	624.82	5614.02	5556.40	706.73	-3782.60	-162.48	4448.68	76.04	59.04	PASS	
5625.00†	5584.71	108.51	637.21	5694.18	5636.53	708.43	-3781.25	-162.50	4459.30	76.68	58.68	PASS	
5725.00†	5683.92	110.62	649.59	5774.24	5716.58	709.78	-3780.30	-162.52	4470.35	77.33	58.34	PASS	
5825.00†	5783.13	112.73	661.98	5854.21	5796.54	710.78	-3779.75	-162.54	4481.83	77.97	58.00	PASS	
5925.00†	5882.33	114.84	674.36	5936.65	5878.97	711.57	-3779.56	-162.57	4493.72	78.63	57.66	PASS	
6025.00†	5981.54	116.95	686.75	6019.37	5961.69	712.31	-3779.67	-162.60	4505.97	79.28	57.34	PASS	
6125.00†	6080.75	119.06	699.13	6102.01	6044.32	713.02	-3780.10	-162.64	4518.59	79.94	57.02	PASS	
6225.00†	6179.96	121.17	711.52	6192.79	6135.10	713.76	-3780.88	-162.67	4531.54	80.64	56.68	PASS	
6325.00†	6279.17	123.27	723.91	6295.58	6237.88	714.73	-3781.73	-162.71	4544.48	81.41	56.30	PASS	
6425.00†	6378.37	125.38	736.29	6398.40	6340.69	715.86	-3782.49	-162.75	4557.39	82.18	55.93	PASS	
6428.02	6381.37	125.45	736.66	6401.51	6343.80	715.90	-3782.51	-162.75	4557.74	82.20	55.92	PASS	
6525.00†	6478.12	127.33	741.32	6493.65	6435.93	717.04	-3783.14	-24.67	4562.92	82.93	55.49	PASS	
6625.00†	6577.44	128.90	730.68	6583.74	6526.01	718.22	-3783.92	3.25	4553.19	83.85	54.75	PASS	
6725.00†	6673.88	130.05	704.65	6671.41	6613.66	719.43	-3784.85	6.22	4528.42	85.19	53.59	PASS	
6825.00†	6765.06	130.75	663.85	6751.13	6693.37	720.55	-3785.85	7.87	4489.20	86.42	52.37	PASS	
6925.00†	6848.75	130.99	609.29	6819.57	6761.79	721.40	-3786.97	9.47	4436.58	87.44	51.14	PASS	
7025.00†	6922.87	130.76	542.32	6880.80	6823.01	722.03	-3788.19	11.48	4371.84	88.29	49.91	PASS	
7125.00†	6985.61	130.07	464.59	6933.35	6875.54	722.48	-3789.42	14.40	4296.47	88.96	48.68	PASS	
7225.00†	7035.42	128.94	378.00	6975.88	6918.06	722.78	-3790.53	19.14	4212.25	89.46	47.46	PASS	
7325.00†	7071.07	127.38	284.70	7007.29	6949.46	722.96	-3791.41	27.91	4121.18	89.80	46.25	PASS	
7425.00†	7091.69	125.45	186.97	7027.27	6969.43	723.07	-3792.00	47.15	4025.45	90.03	45.06	PASS	
7511.52	7097.00	123.50	100.71	7034.01	6976.17	723.12	-3792.20	82.14	3940.67	90.16	44.05	PASS	
7525.00†	7096.91	123.18	87.23	7034.28	6976.44	723.12	-3792.21	82.16	3927.40	90.17	43.89	PASS	
7625.00†	7096.26	120.81	-12.74	7036.28	6978.43	723.14	-3792.27	82.32	3829.03	90.30	42.73	PASS	
7725.00†	7095.61	118.43	-112.71	7038.28	6980.44	723.15	-3792.33	82.48	3730.73	90.46	41.56	PASS	
7825.00†	7094.96	116.05	-212.68	7040.30	6982.45	723.17	-3792.39	82.65	3632.56	90.66	40.38	PASS	
7925.00†	7094.31	113.68	-312.65	7042.32	6984.47	723.19	-3792.45	82.81	3534.48	90.90	39.18	PASS	
8025.00†	7093.66	111.30	-412.62	7044.36	6986.51	723.20	-3792.51	82.98	3436.50	91.18	37.98	PASS	
8125.00†	7093.01	108.92	-512.59	7046.40	6988.55	723.22	-3792.57	83.15	3338.64	91.51	36.76	PASS	
8225.00†	7092.36	106.55	-612.56	7048.45	6990.60	723.24	-3792.63	83.31	3240.91	91.90	35.53	PASS	
8325.00†	7091.70	104.17	-712.53	7050.51	6992.66	723.26	-3792.69	83.48	3143.32	92.35	34.29	PASS	
8425.00†	7091.05	101.79	-812.50	7052.58	6994.72	723.28	-3792.76	83.65	3045.89	92.88	33.04	PASS	
8525.00†	7090.40	99.41	-912.47	7054.66	6996.80	723.29	-3792.82	83.82	2948.63	93.49	31.77	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 133 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: EX. FRITZLER 11-21-4 AWB Offset Wellpath: EX. FRITZLER 11-21-4 AWP

Facility: SEC.21-T06N-66W		Slot: SLOT#06 EX. FRITZLER 11-21-4 (645'FNL & 664'FWL, PR, NB/CD)		Well: EX. FRITZLER 11-21-4		Threshold Value=1.00		† = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8625.00†	7089.75	97.04	-1012.44	7056.75	6998.89	723.31	-3792.88	83.99	2851.55	94.19	30.49	PASS	
8725.00†	7089.10	94.66	-1112.41	7058.84	7000.99	723.33	-3792.95	84.16	2754.68	95.01	29.20	PASS	
8825.00†	7088.45	92.28	-1212.38	7060.95	7003.09	723.36	-3793.01	84.34	2658.05	95.94	27.90	PASS	
8861.52	7088.21	91.42	-1248.88	7061.72	7003.86	723.36	-3793.04	84.40	2622.82	96.32	27.43	PASS	
8925.00†	7087.80	88.85	-1312.31	7063.06	7005.20	723.38	-3793.08	85.08	2561.96	97.05	26.58	PASS	
9025.00†	7087.14	80.54	-1411.95	7065.12	7007.26	723.40	-3793.14	85.87	2467.73	98.54	25.22	PASS	
9125.00†	7086.49	67.03	-1511.02	7067.12	7009.26	723.42	-3793.20	86.44	2375.95	100.49	23.80	PASS	
9216.11	7085.90	50.22	-1600.55	7068.89	7011.03	723.44	-3793.26	86.83	2294.94	102.74	22.48	PASS	
9225.00†	7085.84	48.37	-1609.25	7069.06	7011.20	723.44	-3793.26	86.83	2287.18	102.99	22.36	PASS	
9316.11	7085.25	29.43	-1698.37	7070.80	7012.94	723.46	-3793.32	86.92	2208.10	105.68	21.03	PASS	
9325.00†	7085.19	27.60	-1707.07	7070.97	7013.11	723.46	-3793.32	86.91	2200.42	105.97	20.90	PASS	
9425.00†	7084.53	9.84	-1805.47	7072.93	7015.07	723.48	-3793.38	86.74	2113.27	109.21	19.47	PASS	
9525.00†	7083.88	-2.75	-1904.66	7074.97	7017.10	723.50	-3793.45	86.55	2024.70	112.60	18.09	PASS	
9625.00†	7083.23	-10.13	-2004.37	7077.08	7019.21	723.53	-3793.51	86.32	1934.78	116.06	16.77	PASS	
9674.43	7082.91	-11.85	-2053.77	7078.15	7020.28	723.54	-3793.54	86.20	1889.85	117.79	16.14	PASS	
9725.00†	7082.58	-12.95	-2104.32	7079.25	7021.38	723.55	-3793.58	86.28	1843.84	119.61	15.50	PASS	
9825.00†	7081.93	-15.13	-2204.30	7081.44	7023.57	723.58	-3793.65	86.44	1753.60	123.54	14.27	PASS	
9925.00†	7081.27	-17.31	-2304.27	7083.64	7025.77	723.60	-3793.72	86.60	1664.48	127.96	13.07	PASS	
10025.00†	7080.62	-19.49	-2404.25	7085.85	7027.98	723.63	-3793.78	86.77	1576.65	132.93	11.92	PASS	
10125.00†	7079.97	-21.68	-2504.22	7088.07	7030.20	723.66	-3793.85	86.93	1490.35	138.53	10.81	PASS	
10225.00†	7079.32	-23.86	-2604.19	7090.31	7032.43	723.69	-3793.92	87.09	1405.87	144.82	9.75	PASS	
10325.00†	7078.67	-26.04	-2704.17	7092.55	7034.67	723.71	-3794.00	87.26	1323.55	151.88	8.75	PASS	
10425.00†	7078.02	-28.22	-2804.14	7094.80	7036.93	723.74	-3794.07	87.43	1243.82	159.77	7.82	PASS	
10525.00†	7077.37	-30.40	-2904.12	7097.07	7039.19	723.77	-3794.14	87.59	1167.21	168.56	6.95	PASS	
10625.00†	7076.72	-32.58	-3004.09	7099.34	7041.46	723.80	-3794.21	87.76	1094.37	178.27	6.16	PASS	
10725.00†	7076.07	-34.76	-3104.07	7101.63	7043.75	723.83	-3794.28	87.93	1026.12	188.86	5.45	PASS	
10825.00†	7075.42	-36.95	-3204.04	7103.93	7046.04	723.87	-3794.36	88.10	963.42	200.21	4.83	PASS	
10925.00†	7074.76	-39.13	-3304.01	7106.23	7048.35	723.90	-3794.43	88.27	907.42	212.04	4.29	PASS	
11025.00†	7074.11	-41.31	-3403.99	7108.55	7050.67	723.93	-3794.50	88.44	859.44	223.88	3.85	PASS	
11125.00†	7073.46	-43.49	-3503.96	7110.88	7053.00	723.97	-3794.58	88.62	820.89	235.07	3.50	PASS	
11174.43	7073.14	-44.57	-3553.38	7112.04	7054.15	723.98	-3794.61	88.70	805.74	240.09	3.36	PASS	
11225.00†	7072.81	-46.34	-3603.92	7113.21	7055.33	724.00	-3794.65	88.79	793.79	244.75	3.25	PASS	
11249.77	7072.65	-47.70	-3628.64	7113.78	7055.89	724.01	-3794.67	88.83	789.54	246.82	3.21	PASS	
11325.00†	7072.16	-52.30	-3703.73	7115.51	7057.62	724.03	-3794.73	88.95	781.79	252.04	3.11	PASS	
11368.39†	7071.88	-54.96	-3747.04	7116.49	7058.60	724.05	-3794.76	89.03	780.58	254.27	3.08	PASS	
11425.00†	7071.51	-58.42	-3803.54	7117.81	7059.92	724.07	-3794.80	89.12	782.63	256.26	3.06	PASS	
11525.00†	7070.86	-64.55	-3903.36	7120.12	7062.23	724.10	-3794.87	89.29	796.12	257.23	3.10	PASS	
11625.00†	7070.21	-70.67	-4003.17	7122.44	7064.55	724.14	-3794.95	89.46	821.65	255.24	3.23	PASS	
11725.00†	7069.56	-76.79	-4102.98	7124.78	7066.88	724.18	-3795.03	89.63	858.13	250.91	3.43	PASS	
11825.00†	7068.91	-82.91	-4202.79	7127.12	7069.22	724.21	-3795.10	89.81	904.25	244.96	3.70	PASS	
11925.00†	7068.25	-89.04	-4302.60	7129.47	7071.57	724.25	-3795.18	89.98	958.60	238.09	4.04	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 134 of 190



REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. FRITZLER 11-21-4 AWB Offset Wellpath: EX. FRITZLER 11-21-4 AWP				
Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

WELLPATH COMPOSITION - Offset Wellbore: EX. FRITZLER 11-21-4 AWB Offset Wellpath: EX. FRITZLER 11-21-4 AWP				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7412.00	ISCWSA MWD, Rev. 4 (Standard)	MS ENERGY SERVICES DIRECTIONAL SURVEY FROM COGCC <172-7412>	EX. FRITZLER 11-21-4 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: EX. FRITZLER 11-21-4 AWB Offset Wellpath: EX. FRITZLER 11-21-4 AWP	
MD Reference: Rig on SLOT#06 EX. FRITZLER 11-21-4 (645'FNL & 664'FWL, PR, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 135 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: WARD #N-20-19HC PWB Offset Wellpath: WARD #N-20-19HC PWP

Facility: SEC.20-T06N-R66W Slot: SLOT#04 WARD #N-20-19HC Well: WARD #N-20-19HC Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	0.00	25.00	-4167.18	-5257.44	-128.40	6708.66	25.46	272.65	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: WARD #N-20-19HC PWB Offset Wellpath: WARD #N-20-19HC PWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: WARD #N-20-19HC PWB Offset Wellpath: WARD #N-20-19HC PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
7in Casing	0.00	7846.00	7846.00	23.00	7157.88	-2539.97	-3205.20	-1962.85	-3284.00

WELLPATH COMPOSITION - Offset Wellbore: WARD #N-20-19HC PWB Offset Wellpath: WARD #N-20-19HC PWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	18068.60	ISCWSA MWD, Rev. 4 (Standard)	NOT ACTUAL SURVEYS (PLANNED WELLBORE FOR CLEARANCE WITH SYNERGY HOOD PAD)	WARD #N-20-19HC PWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: WARD #N-20-19HC PWB Offset Wellpath: WARD #N-20-19HC PWP

MD Reference: 23' FROM ENSIGN PLANS (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	23.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 136 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. BROWN 20-13 AWB** Offset Wellpath: **EX. BROWN 20-13 AWP**

Facility: SEC.20-T06N-R66W		Slot: SLOT#04 EX. BROWN 20-13 (2179'FNL & 1796'FEL, PR, NB/CD)		Well: EX. BROWN 20-13		Threshold Value=1.00		† = interpolated/extrapolated station					
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	-3.00	25.00	-1488.74	-6856.01	-102.25	7015.78	25.57	285.13	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. BROWN 20-13 AWB** Offset Wellpath: **EX. BROWN 20-13 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. BROWN 20-13 AWB** Offset Wellpath: **EX. BROWN 20-13 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7286.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7286>	EX. BROWN 20-13 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **EX. BROWN 20-13 AWB** Offset Wellpath: **EX. BROWN 20-13 AWP**

MD Reference: Rig on SLOT#04 BROWN 20-13 (2179'FNL & 1796'FEL, PR, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4749.00ft



**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 137 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. FRITZLER #34-17 AWB** Offset Wellpath: **EX. FRITZLER #34-17 AWP**

Facility: <b>SEC.17-T06N-R66W</b> Slot: <b>SLOT#03 EX. FRITZLER #34-17 (660'FSL &amp; 683'FEL, PR, NB/CD)</b> Well: <b>EX. FRITZLER #34-17</b> Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	10.33	16.33	1351.93	-5735.82	-76.74	5893.00	50.17	119.75	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. FRITZLER #34-17 AWB** Offset Wellpath: **EX. FRITZLER #34-17 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. FRITZLER #34-17 AWB** Offset Wellpath: **EX. FRITZLER #34-17 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7414.00	ISCWSA MWD, Rev. 4 (Standard)	MS ENERGY SERVICES MWD SURVEY FROM COGCC <168°-7414°>	EX. FRITZLER #34-17 AWB
7414.00	7477.00	Blind Drilling (std)	Projection to bit	EX. FRITZLER #34-17 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **EX. FRITZLER #34-17 AWB** Offset Wellpath: **EX. FRITZLER #34-17 AWP**

MD Reference: Rig on SLOT#03 EX. FRITZLER #34-17 (660'FSL & 683'FEL, PR, NB/CD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 138 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. WARD ENGLISH 42-20 AWB** Offset Wellpath: **EX. WARD ENGLISH 42-20 AWP**

Facility: SEC.20-T06N-R66W		Slot: SLOT#02 EX. WARD ENGLISH 42-20 (1980'FNL & 660'FEL, PA, CODL)		Well: EX. WARD ENGLISH 42-20		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	5.50	23.50	-1283.92	-5714.45	-102.66	5856.91	50.17	119.01	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. WARD ENGLISH 42-20 AWB** Offset Wellpath: **EX. WARD ENGLISH 42-20 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. WARD ENGLISH 42-20 AWB** Offset Wellpath: **EX. WARD ENGLISH 42-20 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7000.00	BHI Generic gyro - continuous (Standard)	GTI GYRO TECHNOLOGIES GYRO SURVEY PROVIDED BY SRC <100'-7000'>	EX. WARD ENGLISH 42-20 AWB
7000.00	7295.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <7295'>	EX. WARD ENGLISH 42-20 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **EX. WARD ENGLISH 42-20 AWB** Offset Wellpath: **EX. WARD ENGLISH 42-20 AWP**

MD Reference: Rig on SLOT#02 EX. WARD ENGLISH 42-20 (1980'FNL & 660'FEL, PA, CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 139 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 1N-23B-L AWB Offset Wellpath: LEFFLER 1N-23B-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#04 LEFFLER 1N-23B-L (1861'FNL & 275'FEL SEC.21) Well: LEFFLER 1N-23B-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	21.00	25.00	-1063.77	-24.76	-178.67	1064.05	1.26	3543.63	PASS	
125.00†	125.00	0.00	0.00	120.89	124.89	-1063.77	-24.51	-178.68	1064.05	2.03	1171.45	PASS	
225.00†	225.00	0.00	0.00	223.44	227.44	-1063.86	-24.02	-178.71	1064.14	2.61	716.01	PASS	
300.00	300.00	0.00	0.00	320.48	324.48	-1062.59	-25.03	-178.65	1063.16	3.42	462.93	PASS	
325.00†	325.00	0.02	0.11	351.98	355.93	-1061.75	-25.87	-101.08	1062.53	3.72	409.00	PASS	
425.00†	424.96	0.46	2.69	455.03	458.85	-1058.23	-29.83	101.49	1059.73	4.48	315.29	PASS	
525.00†	524.77	1.48	8.71	560.17	563.84	-1054.54	-34.06	102.11	1057.61	5.15	262.32	PASS	
625.00†	624.30	3.09	18.15	677.03	680.51	-1049.27	-38.02	102.98	1055.35	5.93	219.49	PASS	
660.88	659.93	3.81	22.38	726.27	729.63	-1046.23	-39.62	103.41	1054.18	6.27	204.74	PASS	
725.00†	723.54	5.16	30.32	839.38	842.17	-1035.84	-43.85	104.43	1050.37	7.23	171.76	PASS	
825.00†	822.75	7.27	42.70	953.65	955.48	-1021.71	-48.31	105.50	1041.50	8.36	143.72	PASS	
925.00†	921.95	9.38	55.09	1068.27	1068.82	-1005.68	-54.06	106.68	1031.43	9.15	128.34	PASS	
1025.00†	1021.16	11.49	67.48	1169.35	1168.55	-990.24	-59.80	107.78	1020.49	10.02	114.64	PASS	
1125.00†	1120.37	13.60	79.86	1274.47	1272.21	-973.93	-65.96	108.97	1009.72	10.85	103.69	PASS	
1225.00†	1219.58	15.71	92.25	1370.82	1367.18	-958.54	-71.37	110.07	998.85	11.68	94.55	PASS	
1325.00†	1318.78	17.82	104.63	1469.95	1464.90	-942.76	-76.62	111.21	988.39	12.52	86.66	PASS	
1425.00†	1417.99	19.93	117.02	1568.40	1562.01	-927.19	-81.06	112.31	978.26	13.36	79.86	PASS	
1525.00†	1517.20	22.04	129.40	1671.94	1664.01	-910.15	-86.07	113.53	967.96	14.25	73.69	PASS	
1625.00†	1616.41	24.15	141.79	1769.49	1760.08	-893.93	-91.05	114.72	957.98	15.03	68.82	PASS	
1725.00†	1715.61	26.25	154.17	1839.73	1829.27	-882.68	-95.26	115.62	949.37	16.34	61.67	PASS	
1825.00†	1814.82	28.36	166.56	1905.34	1894.07	-874.28	-101.23	116.55	944.86	15.71	62.94	PASS	
1925.00†	1914.03	30.47	178.95	1990.81	1978.56	-865.04	-110.21	117.81	943.24	16.14	61.07	PASS	
2025.00†	2013.24	32.58	191.33	2117.00	2103.42	-850.60	-121.32	119.57	941.22	16.47	59.66	PASS	
2125.00†	2112.44	34.69	203.72	2235.56	2220.67	-834.54	-128.30	121.09	936.76	16.87	57.90	PASS	
2225.00†	2211.65	36.80	216.10	2346.94	2330.88	-818.81	-131.38	122.35	931.14	17.31	56.06	PASS	
2325.00†	2310.86	38.91	228.49	2458.29	2441.12	-803.16	-129.93	123.37	924.40	17.74	54.24	PASS	
2425.00†	2410.07	41.02	240.87	2558.47	2540.22	-788.76	-127.04	124.22	916.96	18.23	52.29	PASS	
2525.00†	2509.28	43.13	253.26	2661.75	2642.42	-774.40	-123.26	125.06	909.86	18.78	50.30	PASS	
2625.00†	2608.48	45.24	265.64	2765.57	2745.01	-758.85	-119.79	125.95	902.08	19.38	48.26	PASS	
2725.00†	2707.69	47.35	278.03	2836.29	2814.85	-747.80	-120.14	126.74	895.70	20.01	46.37	PASS	
2825.00†	2806.90	49.46	290.41	2936.82	2914.22	-733.15	-124.29	128.05	892.17	20.89	44.17	PASS	
2925.00†	2906.11	51.56	302.80	3049.88	3025.79	-715.06	-127.04	129.48	887.02	21.73	42.16	PASS	
3025.00†	3005.31	53.67	315.19	3131.84	3106.78	-702.59	-128.30	130.46	882.55	22.44	40.57	PASS	
3125.00†	3104.52	55.78	327.57	3240.83	3214.63	-686.94	-129.28	131.72	878.91	23.26	38.94	PASS	
3225.00†	3203.73	57.89	339.96	3355.39	3327.81	-669.20	-128.45	132.99	873.77	24.11	37.30	PASS	
3325.00†	3302.94	60.00	352.34	3456.61	3427.74	-653.24	-126.25	134.05	867.95	24.94	35.79	PASS	
3425.00†	3402.14	62.11	364.73	3552.88	3522.79	-638.15	-124.14	135.08	862.50	25.76	34.39	PASS	
3525.00†	3501.35	64.22	377.11	3632.80	3601.66	-625.26	-124.12	136.04	858.30	26.58	33.15	PASS	
3625.00†	3600.56	66.33	389.50	3697.50	3665.49	-615.13	-127.01	136.97	857.54	27.40	32.10	PASS	
3725.00†	3699.77	68.44	401.88	3752.64	3719.90	-607.80	-132.05	137.84	861.86	28.22	31.30	PASS	
3825.00†	3798.97	70.55	414.27	3818.14	3784.50	-600.93	-140.40	138.92	871.06	29.18	30.57	PASS	
3925.00†	3898.18	72.66	426.65	3902.06	3867.29	-594.19	-152.36	140.25	883.68	30.16	29.98	PASS	
4025.00†	3997.39	74.76	439.04	4009.62	3973.42	-585.36	-167.40	141.90	896.72	31.14	29.45	PASS	
4125.00†	4096.60	76.87	451.43	4149.30	4111.17	-570.36	-184.88	144.03	907.75	32.33	28.69	PASS	
4225.00†	4195.80	78.98	463.81	4284.09	4244.04	-550.98	-196.59	146.02	913.95	33.54	27.82	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 140 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 1N-23B-L AWB Offset Wellpath: LEFFLER 1N-23B-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#04 LEFFLER 1N-23B-L (1861'FNL & 275'FEL SEC.21) Well: LEFFLER 1N-23B-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4397.24	4355.55	-533.22	-203.90	147.62	918.47	34.56	27.11	PASS	
4425.00†	4394.22	83.20	488.58	4492.20	4449.17	-518.28	-209.31	148.93	922.96	35.48	26.53	PASS	
4525.00†	4493.43	85.31	500.97	4598.90	4554.36	-501.38	-215.08	150.37	927.71	36.45	25.94	PASS	
4625.00†	4592.64	87.42	513.35	4707.21	4661.10	-483.55	-219.50	151.80	931.54	37.44	25.34	PASS	
4725.00†	4691.84	89.53	525.74	4809.83	4762.27	-466.70	-222.92	153.12	935.33	38.41	24.79	PASS	
4825.00†	4791.05	91.64	538.12	4907.47	4858.53	-450.53	-225.76	154.35	939.16	39.35	24.28	PASS	
4925.00†	4890.26	93.75	550.51	4989.30	4939.20	-437.20	-228.78	155.38	944.24	40.23	23.87	PASS	
5025.00†	4989.47	95.86	562.89	5072.00	5020.74	-424.20	-233.40	156.44	951.58	41.12	23.53	PASS	
5125.00†	5088.67	97.97	575.28	5179.02	5126.40	-408.34	-239.49	157.76	960.01	42.15	23.15	PASS	
5225.00†	5187.88	100.07	587.67	5272.28	5218.46	-394.11	-244.10	158.88	967.98	43.09	22.82	PASS	
5325.00†	5287.09	102.18	600.05	5355.32	5300.38	-381.60	-249.19	159.88	977.46	43.98	22.57	PASS	
5425.00†	5386.30	104.29	612.44	5451.28	5395.06	-367.45	-256.03	161.04	988.35	44.94	22.33	PASS	
5525.00†	5485.50	106.40	624.82	5569.39	5511.61	-349.83	-263.16	162.40	998.67	46.04	22.01	PASS	
5625.00†	5584.71	108.51	637.21	5684.98	5625.66	-331.58	-267.78	163.69	1007.16	47.14	21.68	PASS	
5725.00†	5683.92	110.62	649.59	5781.75	5721.13	-316.02	-270.89	164.75	1015.23	48.11	21.40	PASS	
5825.00†	5783.13	112.73	661.98	5874.48	5812.64	-301.47	-274.25	165.74	1024.18	49.07	21.16	PASS	
5925.00†	5882.33	114.84	674.36	5968.53	5905.46	-286.75	-278.01	166.74	1033.84	50.03	20.95	PASS	
6025.00†	5981.54	116.95	686.75	6063.04	5998.68	-271.72	-282.25	167.74	1044.18	50.99	20.75	PASS	
6125.00†	6080.75	119.06	699.13	7827.42	7032.16	-145.97	705.99	120.89	987.65	46.15	21.72	PASS	
6225.00†	6179.96	121.17	711.52	7839.61	7032.22	-145.46	718.16	118.78	893.02	47.64	19.01	PASS	
6325.00†	6279.17	123.27	723.91	7851.82	7032.28	-144.98	730.36	116.60	799.49	49.48	16.38	PASS	
6425.00†	6378.37	125.38	736.29	7864.05	7032.34	-144.53	742.58	114.36	707.51	51.82	13.83	PASS	
6428.02	6381.37	125.45	736.66	7864.42	7032.34	-144.52	742.95	114.29	704.76	51.90	13.75	PASS	
6525.00†	6478.12	127.33	741.32	7869.35	7032.37	-144.34	747.87	-126.58	617.28	54.84	11.39	PASS	
6625.00†	6577.44	128.90	730.68	7859.85	7032.32	-144.68	738.39	-112.25	530.86	58.73	9.14	PASS	
6725.00†	6673.88	130.05	704.65	7835.76	7032.20	-145.62	714.32	-116.39	452.19	63.37	7.20	PASS	
6825.00†	6765.06	130.75	663.85	7797.65	7032.02	-147.34	676.24	-116.92	385.68	68.79	5.65	PASS	
6925.00†	6848.75	130.99	609.29	7746.52	7031.79	-150.11	625.19	-113.86	335.82	74.23	4.56	PASS	
7025.00†	6922.87	130.76	542.32	7682.32	7031.49	-154.30	561.13	-107.62	305.64	78.16	3.94	PASS	
7125.00†	6985.61	130.07	464.59	7601.98	7031.32	-159.44	480.96	-98.86	293.55	79.40	3.72	PASS	
7155.78†	7002.38	129.77	438.79	7571.71	7031.19	-160.93	450.72	-95.67	292.36	79.27	3.71	PASS	
7215.32†	7031.20	129.07	386.71	7511.67	7030.46	-162.54	390.71	-89.85	291.63	78.56	3.74	PASS	
7225.00†	7035.42	128.94	378.00	7501.97	7030.23	-162.65	381.01	-88.96	291.65	78.41	3.74	PASS	
7325.00†	7071.07	127.38	284.70	7407.05	7024.55	-162.12	286.29	-81.03	293.22	76.90	3.84	PASS	
7425.00†	7091.69	125.45	186.97	7323.61	7010.30	-161.49	204.13	-74.57	298.75	75.50	3.98	PASS	
7511.52	7097.00	123.50	100.71	7249.01	6990.86	-161.00	132.13	-69.56	305.28	74.31	4.14	PASS	
7525.00†	7096.91	123.18	87.23	7238.82	6987.71	-160.94	122.43	-69.00	306.42	74.18	4.16	PASS	
7625.00†	7096.26	120.81	-12.74	7167.28	6960.62	-161.10	56.28	-64.36	320.37	72.88	4.43	PASS	
7725.00†	7095.61	118.43	-112.71	7108.72	6932.12	-162.60	5.18	-59.94	345.84	71.74	4.86	PASS	
7825.00†	7094.96	116.05	-212.68	7055.96	6901.85	-165.71	-37.89	-55.81	383.72	70.71	5.47	PASS	
7925.00†	7094.31	113.68	-312.65	7006.56	6870.56	-170.09	-75.85	-52.10	432.04	69.97	6.23	PASS	
8025.00†	7093.66	111.30	-412.62	6960.48	6839.10	-175.17	-109.12	-48.86	488.85	69.49	7.10	PASS	
8125.00†	7093.01	108.92	-512.59	6918.62	6808.41	-179.43	-137.25	-46.00	552.29	69.22	8.05	PASS	
8225.00†	7092.36	106.55	-612.56	6880.01	6778.41	-182.78	-161.31	-43.43	621.21	68.91	9.10	PASS	
8325.00†	7091.70	104.17	-712.53	6843.62	6748.72	-184.50	-182.29	-41.01	694.35	68.54	10.23	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 141 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **LEFFLER 1N-23B-L AWB** Offset Wellpath: **LEFFLER 1N-23B-L AWP**

Facility: SEC.21-T06N-R66W Slot: SLOT#04 LEFFLER 1N-23B-L (1861'FNL & 275'FEL SEC.21) Well: LEFFLER 1N-23B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8425.00†	7091.05	101.79	-812.50	6812.67	6722.51	-184.68	-198.74	-38.94	771.10	68.26	11.40	PASS	
8525.00†	7090.40	99.41	-912.47	6787.40	6700.57	-184.26	-211.25	-37.29	850.97	68.06	12.62	PASS	
8625.00†	7089.75	97.04	-1012.44	6765.00	6680.80	-184.09	-221.79	-35.91	933.49	67.92	13.88	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **LEFFLER 1N-23B-L AWB** Offset Wellpath: **LEFFLER 1N-23B-L AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **LEFFLER 1N-23B-L AWB** Offset Wellpath: **LEFFLER 1N-23B-L AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1781.00	1756.00	29.00	1771.41	-648.47	-15.09	-596.12	-35.48

**WELLPATH COMPOSITION** - Offset Wellbore: **LEFFLER 1N-23B-L AWB** Offset Wellpath: **LEFFLER 1N-23B-L AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1719.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5 (STD ROTATING, AXIAL, ROCKIES GT)<112-1719>	LEFFLER 1N-23B-L AWB
1719.00	17663.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	CUSTOM BHI AUTOTRAK CURVE (IFR1, SHORT) (ROCKIES 0.03GT MODEL) <1794'-17663'>	LEFFLER 1N-23B-L AWB
17663.00	17687.00	Blind Drilling (std)	Projection to bit	LEFFLER 1N-23B-L AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **LEFFLER 1N-23B-L AWB** Offset Wellpath: **LEFFLER 1N-23B-L AWP**

MD Reference: <b>PRECISION 562 (25') (RKB)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 142 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 26C-23-L AWB Offset Wellpath: LEFFLER 26C-23-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#02 LEFFLER 26C-23-L (1821'FNL & 275'FEL SEC.21) Well: LEFFLER 26C-23-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	21.00	25.00	-1023.69	-24.76	-178.61	1023.99	1.26	3410.09	PASS	
125.00†	125.00	0.00	0.00	128.22	132.22	-1023.31	-24.46	-178.63	1023.63	2.10	1053.85	PASS	
225.00†	225.00	0.00	0.00	228.27	232.26	-1022.46	-24.57	-178.62	1022.78	2.68	655.16	PASS	
300.00	300.00	0.00	0.00	295.90	299.90	-1022.24	-24.63	-178.62	1022.53	3.10	517.29	PASS	
325.00†	325.00	0.02	0.11	321.73	325.73	-1022.23	-24.72	-101.06	1022.55	3.25	480.14	PASS	
425.00†	424.96	0.46	2.69	423.74	427.74	-1022.01	-24.98	101.21	1022.85	3.89	370.02	PASS	
525.00†	524.77	1.48	8.71	539.27	543.25	-1021.16	-25.43	101.62	1023.38	4.66	288.82	PASS	
625.00†	624.30	3.09	18.15	672.90	676.80	-1016.68	-26.90	102.44	1022.12	5.76	220.42	PASS	
660.88	659.93	3.81	22.38	734.80	738.56	-1012.66	-27.76	102.94	1020.74	6.26	198.50	PASS	
725.00†	723.54	5.16	30.32	820.88	824.29	-1004.96	-28.88	103.62	1016.86	7.12	169.49	PASS	
825.00†	822.75	7.27	42.70	969.24	971.36	-986.01	-32.52	104.93	1007.15	7.66	154.00	PASS	
925.00†	921.95	9.38	55.09	1091.11	1091.49	-966.15	-37.43	106.17	994.47	9.26	122.08	PASS	
1025.00†	1021.16	11.49	67.48	1226.20	1223.76	-939.49	-43.87	107.67	978.68	9.16	121.66	PASS	
1125.00†	1120.37	13.60	79.86	1335.53	1330.29	-915.54	-49.41	108.98	961.29	11.21	95.23	PASS	
1225.00†	1219.58	15.71	92.25	1438.16	1430.04	-891.82	-54.01	110.23	943.02	12.04	86.26	PASS	
1325.00†	1318.78	17.82	104.63	1527.46	1516.91	-871.39	-57.34	111.31	925.30	12.79	79.25	PASS	
1425.00†	1417.99	19.93	117.02	1623.14	1610.11	-850.11	-61.17	112.53	908.64	13.64	72.53	PASS	
1525.00†	1517.20	22.04	129.40	1713.12	1697.74	-830.14	-65.40	113.74	892.61	14.48	66.75	PASS	
1625.00†	1616.41	24.15	141.79	1808.35	1790.61	-809.52	-70.00	115.07	877.61	15.24	62.10	PASS	
1725.00†	1715.61	26.25	154.17	1917.41	1896.74	-785.10	-75.40	116.67	862.44	15.66	58.63	PASS	
1825.00†	1814.82	28.36	166.56	2011.00	1987.62	-763.41	-81.01	118.17	847.37	15.75	56.29	PASS	
1925.00†	1914.03	30.47	178.95	2109.31	2083.09	-740.69	-86.90	119.79	833.03	15.94	54.64	PASS	
2025.00†	2013.24	32.58	191.33	2209.27	2180.12	-717.26	-92.27	121.46	818.87	16.21	52.77	PASS	
2125.00†	2112.44	34.69	203.72	2306.64	2274.59	-694.23	-97.31	123.14	805.13	16.56	50.75	PASS	
2225.00†	2211.65	36.80	216.10	2404.59	2369.65	-671.09	-101.91	124.85	791.96	16.97	48.64	PASS	
2325.00†	2310.86	38.91	228.49	2513.62	2475.41	-644.88	-105.76	126.75	778.70	17.48	46.40	PASS	
2425.00†	2410.07	41.02	240.87	2607.84	2566.73	-621.81	-108.31	128.41	765.39	18.03	44.14	PASS	
2525.00†	2509.28	43.13	253.26	2702.04	2658.05	-598.88	-111.08	130.13	753.03	18.62	42.00	PASS	
2625.00†	2608.48	45.24	265.64	2791.99	2745.29	-577.19	-114.43	131.86	742.02	19.25	39.97	PASS	
2725.00†	2707.69	47.35	278.03	2881.71	2832.34	-555.94	-118.77	133.67	732.76	19.93	38.08	PASS	
2825.00†	2806.90	49.46	290.41	2977.97	2925.74	-533.19	-123.88	135.69	724.73	20.66	36.28	PASS	
2925.00†	2906.11	51.56	302.80	3070.11	3015.11	-511.46	-129.30	137.69	718.04	21.42	34.64	PASS	
3025.00†	3005.31	53.67	315.19	3163.83	3106.01	-489.41	-135.26	139.78	712.73	22.21	33.12	PASS	
3125.00†	3104.52	55.78	327.57	3257.56	3196.93	-467.58	-141.66	141.91	708.96	23.02	31.74	PASS	
3225.00†	3203.73	57.89	339.96	3358.33	3294.69	-444.02	-148.26	144.20	706.08	23.89	30.43	PASS	
3325.00†	3302.94	60.00	352.34	3462.86	3396.11	-419.37	-153.86	146.55	703.36	24.79	29.17	PASS	
3425.00†	3402.14	62.11	364.73	3568.77	3498.90	-394.16	-157.83	148.86	700.43	25.72	27.97	PASS	
3525.00†	3501.35	64.22	377.11	3664.11	3591.52	-371.69	-160.25	150.88	697.79	26.62	26.90	PASS	
3625.00†	3600.56	66.33	389.50	3766.71	3691.17	-347.39	-162.73	153.07	695.94	27.56	25.89	PASS	
3725.00†	3699.77	68.44	401.88	3854.23	3776.00	-326.04	-165.49	155.02	695.23	28.46	25.03	PASS	
3825.00†	3798.97	70.55	414.27	3942.16	3861.24	-304.81	-169.43	157.01	696.76	29.37	24.28	PASS	
3925.00†	3898.18	72.66	426.65	4027.86	3944.27	-284.23	-174.54	158.99	700.66	30.28	23.67	PASS	
4025.00†	3997.39	74.76	439.04	4117.24	4030.89	-263.10	-180.94	161.05	706.86	31.22	23.15	PASS	
4125.00†	4096.60	76.87	451.43	4214.68	4125.50	-240.89	-187.87	163.19	714.49	32.19	22.67	PASS	
4225.00†	4195.80	78.98	463.81	4305.70	4213.91	-220.28	-194.46	165.15	723.33	33.13	22.29	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 143 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 26C-23-L AWB Offset Wellpath: LEFFLER 26C-23-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#02 LEFFLER 26C-23-L (1821'FNL & 275'FEL SEC.21) Well: LEFFLER 26C-23-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4325.00†	4295.01	81.09	476.20	4402.12	4307.40	-197.92	-202.05	167.23	733.49	34.12	21.93	PASS
4425.00†	4394.22	83.20	488.58	4506.15	4408.22	-173.48	-209.69	169.42	744.09	35.16	21.58	PASS
4525.00†	4493.43	85.31	500.97	4606.63	4505.63	-149.60	-215.87	171.47	754.45	36.19	21.25	PASS
4625.00†	4592.64	87.42	513.35	4700.52	4596.80	-127.96	-221.76	173.29	766.02	37.17	20.93	PASS
4725.00†	4691.84	89.53	525.74	4799.71	4693.43	-106.26	-227.30	175.05	778.08	38.18	20.75	PASS
4825.00†	4791.05	91.64	538.12	4907.32	4798.29	-82.69	-232.69	176.90	790.31	39.25	20.49	PASS
4925.00†	4890.26	93.75	550.51	5027.50	4915.11	-54.73	-236.03	178.97	800.82	40.41	20.15	PASS
5025.00†	4989.47	95.86	562.89	5121.43	5006.28	-32.16	-237.51	-179.42	810.75	41.41	19.90	PASS
5125.00†	5088.67	97.97	575.28	5210.01	5092.47	-11.80	-239.40	-177.99	822.05	42.36	19.72	PASS
5225.00†	5187.88	100.07	587.67	5297.57	5178.30	5.25	-241.85	-176.83	834.98	43.29	19.59	PASS
5325.00†	5287.09	102.18	600.05	5387.97	5267.32	20.68	-245.03	-175.80	849.23	44.23	19.50	PASS
5425.00†	5386.30	104.29	612.44	5476.27	5353.85	37.76	-249.13	-174.69	864.74	45.17	19.43	PASS
5525.00†	5485.50	106.40	624.82	5562.50	5437.44	58.21	-254.36	-173.38	881.81	46.11	19.41	PASS
5625.00†	5584.71	108.51	637.21	5658.62	5530.25	82.43	-260.66	-171.88	899.89	47.15	19.36	PASS
5725.00†	5683.92	110.62	649.59	5746.19	5614.75	104.57	-266.84	-170.55	919.06	48.12	19.37	PASS
5825.00†	5783.13	112.73	661.98	5840.59	5705.91	128.04	-273.93	-169.20	939.22	49.14	19.38	PASS
5925.00†	5882.33	114.84	674.36	5934.88	5796.93	151.58	-281.12	-167.91	960.00	50.17	19.39	PASS
6025.00†	5981.54	116.95	686.75	6035.78	5894.41	176.48	-288.78	-166.59	981.22	51.26	19.39	PASS
6125.00†	6080.75	119.06	699.13	6150.33	6005.24	204.53	-295.87	-165.17	1001.52	52.48	19.33	PASS
6225.00†	6179.96	121.17	711.52	6267.81	6119.35	232.02	-300.96	-163.85	1020.33	53.71	19.24	PASS
6325.00†	6279.17	123.27	723.91	6360.21	6210.32	259.51	-306.05	-162.53	1039.14	54.94	19.15	PASS
6425.00†	6378.37	125.38	736.29	6452.61	6301.30	286.00	-311.14	-161.21	1057.95	56.17	19.06	PASS
6428.02	6381.37	125.45	736.66	6445.61	6304.30	288.51	-312.66	-160.70	1059.95	56.38	19.05	PASS
6525.00†	6478.12	127.33	741.32	6540.01	6396.30	314.00	-317.25	-159.38	1078.76	57.61	18.96	PASS
6625.00†	6577.44	128.90	750.68	6634.41	6488.30	339.50	-321.84	-158.06	1097.57	58.84	18.87	PASS
6725.00†	6673.88	130.05	760.05	6728.81	6579.30	365.00	-326.43	-156.74	1116.38	60.07	18.78	PASS
6825.00†	6765.06	130.75	769.41	6823.21	6670.30	390.50	-331.02	-155.42	1135.19	61.30	18.69	PASS
6925.00†	6848.75	130.99	778.76	6917.61	6761.30	416.00	-335.61	-154.10	1154.00	62.53	18.60	PASS
7025.00†	6922.87	130.76	788.12	7012.01	6852.30	441.50	-340.20	-152.78	1172.81	63.76	18.51	PASS
7125.00†	6985.61	130.07	797.48	7106.41	6943.30	467.00	-344.79	-151.46	1191.62	64.99	18.42	PASS
7225.00†	7035.42	128.94	780.00	7200.81	7034.30	492.50	-349.38	-150.14	1210.43	66.22	18.33	PASS
7325.00†	7071.07	127.38	767.44	7195.21	7025.30	518.00	-353.97	-148.82	1229.24	67.45	18.24	PASS
7425.00†	7091.69	125.45	753.43	7174.02	7004.30	543.50	-358.56	-147.50	1248.05	68.68	18.15	PASS
7511.52	7097.00	123.50	744.60	7140.13	7000.31	569.00	-363.15	-146.18	1266.86	69.91	18.06	PASS
7525.00†	7096.91	123.18	743.27	7134.01	7000.31	569.00	-363.15	-146.18	1266.86	69.91	18.06	PASS
7625.00†	7096.26	120.81	-12.74	7328.04	7078.99	463.06	-61.79	87.17	346.18	79.83	4.37	PASS
7725.00†	7095.61	118.43	-112.71	7242.51	7024.23	449.23	-125.93	77.84	338.68	81.82	4.17	PASS
7737.50†	7095.53	118.13	-125.21	7233.75	7018.13	447.68	-132.02	76.79	338.58	82.03	4.15	PASS
7771.99†	7095.30	117.31	-159.69	7211.43	7002.15	443.64	-147.07	74.03	339.60	83.32	4.10	PASS
7825.00†	7094.96	116.05	-212.68	7180.71	6979.14	437.93	-166.61	70.09	345.17	82.65	4.20	PASS
7925.00†	7094.31	113.68	-312.65	7135.26	6943.15	429.43	-193.01	64.09	369.95	82.14	4.53	PASS
8025.00†	7093.66	111.30	-412.62	7098.90	6912.89	423.01	-212.09	59.31	412.38	80.74	5.14	PASS
8125.00†	7093.01	108.92	-512.59	7067.69	6885.96	417.78	-226.97	55.32	468.87	79.03	5.98	PASS
8225.00†	7092.36	106.55	-612.56	7039.71	6861.19	413.01	-239.08	51.86	535.59	77.42	6.97	PASS
8325.00†	7091.70	104.17	-712.53	7016.44	6840.19	408.91	-248.23	49.07	609.67	76.09	8.08	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 144 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 26C-23-L AWB Offset Wellpath: LEFFLER 26C-23-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#02 LEFFLER 26C-23-L (1821'FNL & 275'FEL SEC.21) Well: LEFFLER 26C-23-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8425.00†	7091.05	101.79	-812.50	6996.83	6822.25	405.37	-255.29	46.81	689.13	75.01	9.26	PASS	
8525.00†	7090.40	99.41	-912.47	6978.53	6805.32	401.96	-261.34	44.76	772.52	74.09	10.52	PASS	
8625.00†	7089.75	97.04	-1012.44	6961.32	6789.29	398.54	-266.59	42.89	858.76	73.27	11.83	PASS	
8725.00†	7089.10	94.66	-1112.41	6946.44	6775.37	395.41	-270.80	41.32	947.20	72.11	13.26	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: LEFFLER 26C-23-L AWB Offset Wellpath: LEFFLER 26C-23-L AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: LEFFLER 26C-23-L AWB Offset Wellpath: LEFFLER 26C-23-L AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1814.00	1789.00	29.00	1796.11	-624.04	-15.09	-558.39	-28.96

WELLPATH COMPOSITION - Offset Wellbore: LEFFLER 26C-23-L AWB Offset Wellpath: LEFFLER 26C-23-L AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1752.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM (STD ROTATING, AXIAL, ROCKIES GT)<112-1752>	LEFFLER 26C-23-L AWB
1752.00	17926.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	CUSTOM BHI AUTOTRAK CURVE (IFR1, SHORT) (ROCKIES 0.03GT MODEL) <1841'-17926'>	LEFFLER 26C-23-L AWB
17926.00	17950.00	Blind Drilling (std)	Projection to bit	LEFFLER 26C-23-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: LEFFLER 26C-23-L AWB Offset Wellpath: LEFFLER 26C-23-L AWP

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 145 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 1C-23-L AWB Offset Wellpath: LEFFLER 1C-23-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#05 LEFFLER 1C-23-L (1881'FNL & 275'FEL SEC.21) Well: LEFFLER 1C-23-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	21.00	25.00	-1083.50	-24.76	-178.69	1083.78	1.26	3609.39	PASS	
125.00†	125.00	0.00	0.00	141.35	145.34	-1081.87	-24.09	-178.73	1082.33	2.46	808.06	PASS	
225.00†	225.00	0.00	0.00	232.06	236.03	-1080.76	-23.45	-178.76	1081.07	3.25	509.24	PASS	
300.00	300.00	0.00	0.00	307.91	311.87	-1079.86	-23.21	-178.77	1080.18	3.67	424.81	PASS	
325.00†	325.00	0.02	0.11	329.48	333.45	-1079.66	-23.19	100.90	1079.96	3.78	405.89	PASS	
425.00†	424.96	0.46	2.69	423.78	427.75	-1079.39	-23.34	101.04	1080.17	4.31	338.73	PASS	
525.00†	524.77	1.48	8.71	531.34	535.30	-1078.71	-24.63	101.44	1080.76	4.96	281.18	PASS	
625.00†	624.30	3.09	18.15	648.09	651.98	-1076.65	-27.75	102.19	1081.07	5.72	235.04	PASS	
660.88	659.93	3.81	22.38	683.85	687.71	-1075.66	-29.12	102.48	1081.05	6.00	221.55	PASS	
725.00†	723.54	5.16	30.32	747.25	751.02	-1073.92	-31.77	103.04	1081.22	6.48	201.53	PASS	
825.00†	822.75	7.27	42.70	861.75	865.33	-1069.78	-36.84	104.06	1080.82	7.28	175.30	PASS	
925.00†	921.95	9.38	55.09	992.56	995.83	-1062.83	-42.60	105.23	1079.19	8.24	151.55	PASS	
1025.00†	1021.16	11.49	67.48	1135.70	1138.09	-1048.90	-49.91	106.62	1073.26	9.52	127.75	PASS	
1125.00†	1120.37	13.60	79.86	1244.56	1246.01	-1035.79	-55.34	107.69	1065.50	10.44	114.25	PASS	
1225.00†	1219.58	15.71	92.25	1342.05	1342.61	-1023.49	-60.01	108.67	1057.48	11.20	104.87	PASS	
1325.00†	1318.78	17.82	104.63	1438.36	1438.07	-1011.63	-64.79	109.65	1050.09	11.84	97.91	PASS	
1425.00†	1417.99	19.93	117.02	1535.20	1534.07	-999.77	-69.50	110.64	1043.09	12.79	89.36	PASS	
1525.00†	1517.20	22.04	129.40	1631.17	1629.24	-988.22	-73.91	111.62	1036.59	13.60	83.02	PASS	
1625.00†	1616.41	24.15	141.79	1723.87	1721.19	-977.36	-78.36	112.58	1030.75	14.40	77.56	PASS	
1725.00†	1715.61	26.25	154.17	1809.15	1805.85	-968.03	-82.67	113.48	1026.08	14.92	73.46	PASS	
1825.00†	1814.82	28.36	166.56	1910.29	1906.41	-958.36	-87.30	114.51	1022.96	15.03	71.38	PASS	
1925.00†	1914.03	30.47	178.95	2034.79	2029.73	-942.47	-93.66	115.88	1017.02	15.38	69.28	PASS	
2025.00†	2013.24	32.58	191.33	2125.58	2119.58	-930.60	-99.01	116.94	1011.59	15.63	67.72	PASS	
2125.00†	2112.44	34.69	203.72	2217.35	2210.42	-919.04	-105.07	118.04	1007.25	15.90	66.24	PASS	
2225.00†	2211.65	36.80	216.10	2315.12	2307.20	-906.95	-111.89	119.24	1003.68	16.25	64.55	PASS	
2325.00†	2310.86	38.91	228.49	2412.82	2403.89	-894.74	-118.78	120.45	1000.48	16.65	62.71	PASS	
2425.00†	2410.07	41.02	240.87	2509.16	2499.24	-882.79	-125.57	121.65	997.82	17.11	60.78	PASS	
2525.00†	2509.28	43.13	253.26	2620.00	2608.96	-868.68	-132.49	123.00	995.05	17.68	58.60	PASS	
2625.00†	2608.48	45.24	265.64	2728.96	2716.76	-853.81	-137.99	124.29	991.43	18.30	56.33	PASS	
2725.00†	2707.69	47.35	278.03	2830.73	2817.47	-839.64	-141.90	125.44	987.49	18.94	54.14	PASS	
2825.00†	2806.90	49.46	290.41	2931.07	2916.87	-826.15	-144.20	126.50	983.70	19.60	52.02	PASS	
2925.00†	2906.11	51.56	302.80	3035.05	3019.89	-812.18	-145.69	127.56	979.87	20.32	49.92	PASS	
3025.00†	3005.31	53.67	315.19	3133.95	3117.85	-798.58	-146.91	128.57	975.98	21.06	47.93	PASS	
3125.00†	3104.52	55.78	327.57	3212.76	3195.91	-788.05	-148.98	129.42	973.40	21.76	46.19	PASS	
3225.00†	3203.73	57.89	339.96	3310.43	3292.71	-775.59	-152.80	130.54	972.33	22.59	44.40	PASS	
3325.00†	3302.94	60.00	352.34	3416.21	3397.56	-761.98	-156.12	131.71	971.16	23.43	42.71	PASS	
3425.00†	3402.14	62.11	364.73	3522.47	3502.85	-747.81	-158.44	132.85	969.44	24.29	41.07	PASS	
3525.00†	3501.35	64.22	377.11	3622.18	3601.65	-734.48	-159.90	133.90	967.65	25.15	39.56	PASS	
3625.00†	3600.56	66.33	389.50	3713.19	3691.85	-722.48	-161.17	134.84	966.33	25.98	38.19	PASS	
3725.00†	3699.77	68.44	401.88	3793.77	3771.73	-712.16	-163.87	135.75	966.74	26.81	37.01	PASS	
3825.00†	3798.97	70.55	414.27	3871.83	3849.10	-702.84	-168.31	136.68	969.56	27.64	35.97	PASS	
3925.00†	3898.18	72.66	426.65	3953.30	3929.82	-693.79	-174.56	137.71	974.62	28.50	35.05	PASS	
4025.00†	3997.39	74.76	439.04	4039.77	4015.50	-684.96	-182.15	138.80	981.52	29.37	34.22	PASS	
4125.00†	4096.60	76.87	451.43	4133.90	4108.81	-675.96	-190.73	139.96	989.58	30.27	33.45	PASS	
4225.00†	4195.80	78.98	463.81	4234.70	4208.64	-665.97	-200.44	141.22	998.17	31.21	32.70	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 146 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 1C-23-L AWB Offset Wellpath: LEFFLER 1C-23-L AWP

Facility: SEC.21-T06N-R66W				Slot: SLOT#05 LEFFLER 1C-23-L (1881'FNL & 275'FEL SEC.21)		Well: LEFFLER 1C-23-L		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status		
4325.00†	4295.01	81.09	476.20	4348.39	4321.24	-653.95	-210.45	142.61	1006.21	32.25	31.88	PASS		
4425.00†	4394.22	83.20	488.58	4466.85	4438.57	-640.07	-219.08	144.01	1012.85	33.33	31.03	PASS		
4525.00†	4493.43	85.31	500.97	4559.19	4530.02	-628.79	-225.06	145.07	1019.02	34.26	30.35	PASS		
4625.00†	4592.64	87.42	513.35	4639.71	4609.75	-619.39	-231.17	146.01	1026.74	35.13	29.81	PASS		
4725.00†	4691.84	89.53	525.74	4732.03	4701.17	-609.22	-239.21	147.08	1036.09	36.08	29.27	PASS		
4825.00†	4791.05	91.64	538.12	4849.99	4817.95	-595.81	-248.88	148.42	1045.32	37.18	28.64	PASS		
4925.00†	4890.26	93.75	550.51	4984.93	4951.57	-578.25	-255.62	149.86	1051.27	38.41	27.86	PASS		
5025.00†	4989.47	95.86	562.89	5084.63	5050.28	-564.66	-259.18	150.89	1056.30	39.42	27.27	PASS		
5125.00†	5088.67	97.97	575.28	5180.40	5145.06	-551.48	-262.88	151.89	1061.82	40.39	26.74	PASS		
5225.00†	5187.88	100.07	587.67	5268.42	5232.18	-539.56	-266.71	152.80	1068.20	41.33	26.28	PASS		
5325.00†	5287.09	102.18	600.05	5351.21	5314.16	-528.84	-271.18	153.65	1076.09	42.24	25.89	PASS		
5425.00†	5386.30	104.29	612.44	5430.08	5392.28	-519.38	-276.41	154.45	1085.84	43.12	25.58	PASS		
5525.00†	5485.50	106.40	624.82	5519.37	5480.73	-509.41	-283.48	155.34	1097.39	44.08	25.29	PASS		
5625.00†	5584.71	108.51	637.21	5653.98	5614.14	-494.03	-292.56	156.63	1108.33	45.33	24.82	PASS		
5725.00†	5683.92	110.62	649.59	5789.52	5748.41	-475.99	-296.64	157.87	1115.18	46.60	24.28	PASS		
5825.00†	5783.13	112.73	661.98	5893.26	5851.23	-462.27	-297.73	158.74	1120.85	47.65	23.86	PASS		
5925.00†	5882.33	114.84	674.36	6006.34	5963.28	-447.02	-298.14	159.68	1126.05	48.73	23.44	PASS		
6025.00†	5981.54	116.95	686.75	6109.15	6064.98	-432.00	-297.94	160.56	1130.45	49.76	23.03	PASS		
6125.00†	6080.75	119.06	699.13	6196.70	6151.52	-418.74	-298.47	161.34	1135.53	50.73	22.69	PASS		
6225.00†	6179.96	121.17	711.52	6297.78	6252.77	-404.90	-297.94	162.09	1140.45	50.28	21.86	PASS		
6325.00†	6279.17	123.27	723.91	6398.84	6353.84	-391.58	-298.38	162.80	1145.32	50.77	21.31	PASS		
6425.00†	6378.37	125.38	736.29	6499.91	6454.91	-378.25	-299.95	163.48	1150.18	51.28	20.84	PASS		
6428.02	6381.37	125.45	736.66	6501.22	6456.22	-378.25	-299.95	163.48	1150.18	51.28	20.84	PASS		
6525.00†	6478.12	127.33	741.32	6601.81	6556.81	-364.92	-301.59	164.13	1154.99	51.77	20.37	PASS		
6625.00†	6577.44	128.90	730.68	6702.88	6657.88	-351.60	-303.16	164.77	1159.74	52.24	19.84	PASS		
6725.00†	6673.88	130.05	704.65	6803.95	6758.95	-338.28	-304.73	165.39	1164.45	52.69	19.31	PASS		
6825.00†	6765.06	130.75	663.85	6905.02	6860.02	-324.96	-306.30	166.01	1169.10	53.14	18.78	PASS		
6925.00†	6848.75	130.99	609.29	7006.10	6961.10	-311.64	-307.87	166.59	1173.71	53.59	18.25	PASS		
7025.00†	6922.87	130.76	542.32	7107.17	7062.17	-298.32	-309.44	167.14	1178.28	54.04	17.72	PASS		
7125.00†	6985.61	130.07	464.59	7208.24	7163.24	-284.90	-311.01	167.67	1182.81	54.49	17.19	PASS		
7225.00†	7035.42	128.94	378.00	7309.31	7264.31	-271.48	-312.58	168.17	1187.30	54.94	16.66	PASS		
7325.00†	7071.07	127.38	284.70	7410.38	7365.38	-258.06	-314.15	168.64	1191.74	55.39	16.13	PASS		
7425.00†	7091.69	125.45	186.97	7511.45	7466.45	-244.64	-315.72	169.09	1196.14	55.84	15.60	PASS		
7448.39†	7094.28	124.95	163.73	7489.02	7444.02	-242.51	-315.72	169.29	1197.29	55.99	15.75	PASS		
7511.52	7097.00	123.50	100.71	7434.51	7389.51	-230.39	-315.72	169.48	1198.48	56.14	15.90	PASS		
7525.00†	7096.91	123.18	87.23	7420.34	7375.34	-228.28	-315.72	169.64	1199.64	56.29	16.05	PASS		
7625.00†	7096.26	120.81	-12.74	7321.15	7276.15	-214.86	-315.72	169.79	1200.79	56.44	16.20	PASS		
7648.53†	7096.11	120.25	-36.27	7302.35	7257.35	-212.75	-315.72	169.92	1201.92	56.59	16.35	PASS		
7725.00†	7095.61	118.43	-112.71	7246.35	7201.35	-200.33	-315.72	170.04	1203.04	56.74	16.50	PASS		
7825.00†	7094.96	116.05	-212.68	7185.46	7140.46	-187.91	-315.72	170.14	1204.14	56.89	16.65	PASS		
7925.00†	7094.31	113.68	-312.65	7118.85	7073.85	-174.49	-315.72	170.22	1205.22	57.04	16.80	PASS		
8025.00†	7093.66	111.30	-412.62	7053.36	7008.36	-161.07	-315.72	170.28	1206.28	57.19	16.95	PASS		
8125.00†	7093.01	108.92	-512.59	6997.35	6952.35	-147.65	-315.72	170.31	1207.31	57.34	17.10	PASS		
8225.00†	7092.36	106.55	-612.56	6961.97	6916.97	-134.23	-315.72	170.32	1208.32	57.49	17.25	PASS		
8325.00†	7091.70	104.17	-712.53	6935.29	6890.29	-120.81	-315.72	170.31	1209.31	57.64	17.40	PASS		

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 147 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **LEFFLER 1C-23-L AWB** Offset Wellpath: **LEFFLER 1C-23-L AWP**

Facility: SEC.21-T06N-R66W Slot: SLOT#05 LEFFLER 1C-23-L (1881'FNL & 275'FEL SEC.21) Well: LEFFLER 1C-23-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
8425.00†	7091.05	101.79	-812.50	6912.68	6851.28	-315.34	-259.99	-60.51	732.64	80.04	9.23	PASS	
8525.00†	7090.40	99.41	-912.47	6893.49	6833.62	-315.61	-267.53	-58.77	808.79	79.03	10.32	PASS	
8625.00†	7089.75	97.04	-1012.44	6880.34	6821.40	-315.97	-272.38	-57.61	888.97	78.28	11.45	PASS	
8725.00†	7089.10	94.66	-1112.41	6868.30	6810.15	-316.59	-276.62	-56.59	972.36	77.61	12.63	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **LEFFLER 1C-23-L AWB** Offset Wellpath: **LEFFLER 1C-23-L AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **LEFFLER 1C-23-L AWB** Offset Wellpath: **LEFFLER 1C-23-L AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1806.00	1781.00	29.00	1802.72	-660.50	-15.09	-625.40	-32.70

**WELLPATH COMPOSITION** - Offset Wellbore: **LEFFLER 1C-23-L AWB** Offset Wellpath: **LEFFLER 1C-23-L AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1744.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5"(STD ROTATING, AXIAL, ROCKIES GT)<112-1744>	LEFFLER 1C-23-L AWB
1744.00	17851.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) <1837'-17851'>	LEFFLER 1C-23-L AWB
17851.00	17875.00	Blind Drilling (std)	Projection to bit	LEFFLER 1C-23-L AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **LEFFLER 1C-23-L AWB** Offset Wellpath: **LEFFLER 1C-23-L AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 148 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. HOOD 20-42-12 AWB** Offset Wellpath: **EX. HOOD 20-42-12 AWP**

Facility: <b>SEC.20-T06N-R66W</b> Slot: <b>SLOT#04 EX. HOOD 20-42-12 (2000'FNL &amp; 657'FEL, PR, NB/CD)</b> Well: <b>EX. HOOD 20-42-12</b> Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	0.00	25.00	-1300.31	-5711.39	-102.83	5857.54	50.17	119.03	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. HOOD 20-42-12 AWB** Offset Wellpath: **EX. HOOD 20-42-12 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. HOOD 20-42-12 AWB** Offset Wellpath: **EX. HOOD 20-42-12 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7433.00	ISCWSA MWD, Rev. 4 (Standard)	MS ENERGY SERVICES MWD SURVEYS FROM COGCC <141-7433>	EX. HOOD 20-42-12 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **EX. HOOD 20-42-12 AWB** Offset Wellpath: **EX. HOOD 20-42-12 AWP**

MD Reference: <b>Rig on SLOT#04 EX. HOOD 20-42-12 (2000'FNL &amp; 657'FEL, PR, NB/CD) (RT)</b>	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 149 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD #20-42-11 AWB** Offset Wellpath: **HOOD #20-42-11 AWP**

Facility: SEC.20-T06N-R66W Slot: SLOT#01 EX:HOOD #20-42-11 (2015'FNL & 657'FEL SEC.20, PR) Well: HOOD #20-42-11 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	22.61	31.61	-1290.83	-5712.76	-102.73	5856.79	32.48	185.58	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD #20-42-11 AWB** Offset Wellpath: **HOOD #20-42-11 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD #20-42-11 AWB** Offset Wellpath: **HOOD #20-42-11 AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	0.00	690.00	690.00	0.00	688.35	-786.47	-3482.60	-795.00	-3474.72
8.625in Casing Surface	0.00	690.00	690.00	0.00	688.35	-786.47	-3482.60	-795.00	-3474.72
7.875in Open Hole	690.00	7374.00	6684.00	688.35	7304.24	-795.00	-3474.72	-954.56	-3294.07
4.5in Casing Production	0.00	7374.00	7374.00	0.00	7304.24	-786.47	-3482.60	-954.56	-3294.07

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD #20-42-11 AWB** Offset Wellpath: **HOOD #20-42-11 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7359.00	ISCWSA MWD, Rev. 4 (Standard)	MS ENERGY GRID SURVEYS, CONVERTED TO TRUE NORTH <80-7359>	HOOD #20-42-11 AWB
7359.00	7410.00	Blind Drilling (std)	Projection to bit	HOOD #20-42-11 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD #20-42-11 AWB** Offset Wellpath: **HOOD #20-42-11 AWP**

MD Reference: 16' FROM NS SURVEYS (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 150 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **EX. GOETZEL 20-31 AWB** Offset Wellpath: **EX. GOETZEL 20-31 AWP**

Facility: SEC.20-T06N-R66W		Slot: SLOT#07 EX. GOETZEL 20-31 (1775'FSL & 2186'FWL, SI, CODL)		Well: EX. GOETZEL 20-31		Threshold Value=1.00 † = interpolated/extrapolated station						
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	-11.00	25.00	-2840.68	-8187.98	-109.13	8666.78	25.57	352.24	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **EX. GOETZEL 20-31 AWB** Offset Wellpath: **EX. GOETZEL 20-31 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: **EX. GOETZEL 20-31 AWB** Offset Wellpath: **EX. GOETZEL 20-31 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7361.00	Drift Indicator - Inclination Only (Actual Survey)	ASASUMED VERTICAL TO TD FROM COGCC <7361>	EX. GOETZEL 20-31 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **EX. GOETZEL 20-31 AWB** Offset Wellpath: **EX. GOETZEL 20-31 AWP**

MD Reference: RIG on SLOT#07 GOETZEL 20-31 (1775'FSL & 2186'FWL, SI, CODL) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	4741.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 151 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD 25N-22C-M AWB** Offset Wellpath: **HOOD 25N-22C-M AWP**

Facility: SEC.20-T06N-R66W		Slot: SLOT#01 HOOD 25N-22C-M (765'FSL & 1122'FEL SEC.20)		Well: HOOD 25N-22C-M		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	1758.05	1739.92	-3565.26	-6075.66	-120.41	7250.22	50.49	146.36	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD 25N-22C-M AWB** Offset Wellpath: **HOOD 25N-22C-M AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD 25N-22C-M AWB** Offset Wellpath: **HOOD 25N-22C-M AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1763.00	1738.00	43.00	1744.62	-2329.84	-3759.30	-2250.94	-3731.49
9.625in Casing Surface	25.00	1763.00	1738.00	43.00	1744.62	-2329.84	-3759.30	-2250.94	-3731.49
8.5in Open Hole	1763.00	15526.00	13763.00	1744.62	7108.81	-2250.94	-3731.49	-1761.48	-1014.54

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD 25N-22C-M AWB** Offset Wellpath: **HOOD 25N-22C-M AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1712.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<109-1712>	HOOD 25N-22C-M AWB
1712.00	15526.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1794-15526>	HOOD 25N-22C-M AWB
15526.00	15550.00	Blind Drilling (std)	Projection to bit	HOOD 25N-22C-M AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD 25N-22C-M AWB** Offset Wellpath: **HOOD 25N-22C-M AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 152 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 26N-23B-L AWB Offset Wellpath: LEFFLER 26N-23B-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#01 LEFFLER 26N-23B-L (1801'FNL & 275'FEL SEC.21) Well: LEFFLER 26N-23B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	21.00	25.00	-1003.65	-24.76	-178.59	1003.96	1.26	3343.32	PASS	
125.00†	125.00	0.00	0.00	131.91	135.90	-1003.03	-24.41	-178.61	1003.39	2.14	988.36	PASS	
225.00†	225.00	0.00	0.00	245.23	249.22	-1001.31	-24.04	-178.63	1001.89	2.73	622.93	PASS	
300.00	300.00	0.00	0.00	345.71	349.62	-997.65	-24.65	-178.58	999.19	3.58	406.92	PASS	
325.00†	325.00	0.02	0.11	380.28	384.13	-995.75	-25.16	101.15	997.85	3.82	369.26	PASS	
425.00†	424.96	0.46	2.69	532.39	535.60	-982.22	-27.87	101.71	989.35	5.27	238.51	PASS	
525.00†	524.77	1.48	8.71	663.16	665.26	-965.45	-30.19	102.57	977.86	6.27	189.84	PASS	
625.00†	624.30	3.09	18.15	793.47	793.76	-944.15	-33.89	103.86	963.68	7.23	157.73	PASS	
660.88	659.93	3.81	22.38	836.80	836.35	-936.29	-35.33	104.38	958.25	7.56	148.69	PASS	
725.00†	723.54	5.16	30.32	943.82	940.84	-913.65	-39.76	105.56	946.75	8.38	130.41	PASS	
825.00†	822.75	7.27	42.70	1064.74	1057.74	-883.54	-46.60	107.08	925.60	9.27	113.44	PASS	
925.00†	921.95	9.38	55.09	1162.22	1151.55	-857.81	-52.91	108.43	903.55	10.26	98.74	PASS	
1025.00†	1021.16	11.49	67.48	1255.25	1241.16	-833.51	-58.82	109.78	882.25	11.06	88.71	PASS	
1125.00†	1120.37	13.60	79.86	1353.03	1335.40	-808.05	-64.45	111.22	861.50	11.90	79.87	PASS	
1225.00†	1219.58	15.71	92.25	1443.96	1423.10	-784.49	-68.96	112.56	841.26	12.74	72.34	PASS	
1325.00†	1318.78	17.82	104.63	1540.75	1516.63	-759.90	-73.09	114.01	821.94	13.63	65.62	PASS	
1425.00†	1417.99	19.93	117.02	1628.62	1601.64	-737.91	-76.42	115.34	803.40	14.51	59.92	PASS	
1525.00†	1517.20	22.04	129.40	1726.04	1696.04	-714.11	-80.12	116.88	786.00	15.47	54.73	PASS	
1625.00†	1616.41	24.15	141.79	1813.45	1780.74	-692.89	-83.95	118.34	769.48	16.07	50.88	PASS	
1725.00†	1715.61	26.25	154.17	1903.18	1867.97	-672.32	-88.35	119.91	755.01	16.71	47.88	PASS	
1825.00†	1814.82	28.36	166.56	2053.57	2013.62	-635.05	-88.93	122.23	738.18	16.96	45.37	PASS	
1925.00†	1914.03	30.47	178.95	2151.59	2107.59	-607.23	-86.98	123.78	717.52	17.42	42.90	PASS	
2025.00†	2013.24	32.58	191.33	2249.30	2200.34	-576.84	-90.49	125.90	697.01	17.82	40.68	PASS	
2125.00†	2112.44	34.69	203.72	2306.06	2253.98	-559.29	-96.48	127.48	680.41	18.19	38.87	PASS	
2225.00†	2211.65	36.80	216.10	2359.57	2304.82	-544.75	-104.62	129.10	670.63	18.68	37.27	PASS	
2325.00†	2310.86	38.91	228.49	2411.87	2355.19	-533.75	-113.36	130.64	668.41	20.02	34.57	PASS	
2425.00†	2410.07	41.02	240.87	2568.39	2506.91	-501.67	-133.89	134.82	666.58	21.54	31.96	PASS	
2525.00†	2509.28	43.13	253.26	2685.79	2620.37	-472.75	-142.32	137.75	659.51	22.38	30.40	PASS	
2625.00†	2608.48	45.24	265.64	2777.01	2708.05	-448.65	-149.51	140.20	652.83	23.04	29.20	PASS	
2725.00†	2707.69	47.35	278.03	2866.55	2794.13	-425.23	-157.29	142.68	648.30	23.72	28.14	PASS	
2825.00†	2806.90	49.46	290.41	2990.18	2913.03	-392.46	-165.49	146.02	643.74	24.54	26.98	PASS	
2925.00†	2906.11	51.56	302.80	3115.52	3033.61	-358.34	-166.14	149.07	635.76	25.39	25.72	PASS	
3025.00†	3005.31	53.67	315.19	3223.46	3137.60	-329.81	-161.33	151.39	625.80	26.18	24.54	PASS	
3125.00†	3104.52	55.78	327.57	3334.21	3244.36	-301.78	-152.33	153.54	614.58	26.94	23.40	PASS	
3225.00†	3203.73	57.89	339.96	3426.31	3332.96	-277.80	-144.75	155.44	603.59	27.74	22.30	PASS	
3325.00†	3302.94	60.00	352.34	3515.42	3418.63	-253.95	-139.21	157.49	594.62	28.56	21.33	PASS	
3425.00†	3402.14	62.11	364.73	3613.81	3513.27	-227.57	-133.98	159.85	587.35	29.39	20.45	PASS	
3525.00†	3501.35	64.22	377.11	3706.13	3601.77	-201.82	-128.54	162.17	580.12	30.27	19.60	PASS	
3625.00†	3600.56	66.33	389.50	3771.24	3663.93	-182.49	-128.06	164.09	577.75	31.20	18.93	PASS	
3725.00†	3699.77	68.44	401.88	3820.75	3711.01	-167.62	-131.54	165.72	583.43	32.19	18.51	PASS	
3825.00†	3798.97	70.55	414.27	3873.10	3760.45	-152.39	-139.44	167.54	598.15	33.16	18.41	PASS	
3925.00†	3898.18	72.66	426.65	3935.03	3819.31	-137.31	-151.34	169.45	619.99	34.35	18.41	PASS	
4025.00†	3997.39	74.76	439.04	4014.54	3895.31	-121.35	-168.41	171.54	646.44	35.10	18.77	PASS	
4125.00†	4096.60	76.87	451.43	4126.14	4002.13	-99.58	-192.28	174.19	674.11	36.18	18.98	PASS	
4225.00†	4195.80	78.98	463.81	4311.91	4179.99	-53.45	-218.49	178.67	695.21	38.08	18.58	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 153 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 26N-23B-L AWB Offset Wellpath: LEFFLER 26N-23B-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#01 LEFFLER 26N-23B-L (1801'FNL & 275'FEL SEC.21) Well: LEFFLER 26N-23B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4453.91	4316.41	-14.62	-224.53	-178.11	707.56	39.36	18.29	PASS	
4425.00†	4394.22	83.20	488.58	4562.01	4420.01	16.28	-224.17	-175.69	716.36	40.31	18.07	PASS	
4525.00†	4493.43	85.31	500.97	4646.71	4501.12	40.63	-224.10	-173.82	726.48	41.11	17.97	PASS	
4625.00†	4592.64	87.42	513.35	4759.29	4608.94	73.02	-223.80	-171.41	737.47	42.02	17.83	PASS	
4725.00†	4691.84	89.53	525.74	4854.42	4700.10	100.16	-222.11	-169.45	747.97	42.87	17.72	PASS	
4825.00†	4791.05	91.64	538.12	4932.15	4774.92	121.21	-221.92	-167.98	760.79	43.64	17.70	PASS	
4925.00†	4890.26	93.75	550.51	5004.16	4844.28	140.47	-223.75	-166.68	777.03	44.38	17.78	PASS	
5025.00†	4989.47	95.86	562.89	5075.88	4913.22	159.80	-227.77	-165.43	796.90	45.10	17.93	PASS	
5125.00†	5088.67	97.97	575.28	5167.65	5001.52	183.71	-235.06	-163.96	819.51	45.99	18.08	PASS	
5225.00†	5187.88	100.07	587.67	5287.63	5117.28	214.31	-242.65	-162.18	841.10	47.09	18.12	PASS	
5325.00†	5287.09	102.18	600.05	5390.40	5216.49	240.77	-247.07	-160.71	861.28	48.05	18.18	PASS	
5425.00†	5386.30	104.29	612.44	5494.59	5316.93	268.30	-250.17	-159.22	880.80	49.01	18.22	PASS	
5525.00†	5485.50	106.40	624.82	5593.84	5412.65	294.37	-253.02	-157.87	900.70	49.94	18.28	PASS	
5625.00†	5584.71	108.51	637.21	5696.04	5511.22	321.34	-254.77	-156.52	919.96	50.89	18.32	PASS	
5725.00†	5683.92	110.62	649.59	5802.18	5613.22	350.65	-255.86	-155.09	939.39	51.88	18.34	PASS	
5825.00†	5783.13	112.73	661.98	5877.01	5685.20	371.09	-256.56	-154.13	959.19	52.67	18.45	PASS	
5925.00†	5882.33	114.84	674.36	5945.89	5751.27	390.34	-259.26	-153.28	982.21	53.40	18.63	PASS	
6025.00†	5981.54	116.95	686.75	6039.21	5841.46	413.33	-266.04	-152.40	1007.61	54.36	18.77	PASS	
6125.00†	6080.75	119.06	699.13	6140.99	5939.97	438.28	-271.55	-151.47	1031.48	55.40	18.85	PASS	
6225.00†	6179.96	121.17	711.52	6244.11	6039.97	463.91	-276.25	-150.54	1056.99	56.46	18.97	PASS	
6325.00†	6279.17	123.27	723.91	6348.22	6140.97	489.54	-280.95	-149.61	1083.00	57.52	19.09	PASS	
6425.00†	6378.37	125.38	736.29	6452.33	6243.04	515.17	-285.65	-148.68	1109.01	58.58	19.21	PASS	
6428.02	6381.37	125.45	736.66	6455.33	6246.04	518.17	-286.35	-148.31	1112.01	58.65	19.22	PASS	
6525.00†	6478.12	127.33	741.32	6556.44	6348.15	543.80	-291.05	-147.38	1138.02	59.64	19.34	PASS	
6625.00†	6577.44	128.90	750.68	6657.55	6450.26	569.43	-295.75	-146.45	1164.03	60.63	19.46	PASS	
6725.00†	6673.88	130.05	760.04	6758.66	6552.37	595.06	-300.45	-145.52	1190.04	61.62	19.58	PASS	
6825.00†	6765.06	130.75	769.40	6859.77	6654.48	620.69	-305.15	-144.59	1216.05	62.61	19.70	PASS	
6925.00†	6848.75	130.99	778.76	6960.88	6756.59	646.32	-309.85	-143.66	1242.06	63.60	19.82	PASS	
7025.00†	6922.87	130.76	788.12	7061.99	6858.70	671.95	-314.55	-142.73	1268.07	64.59	19.94	PASS	
7125.00†	6985.61	130.07	797.48	7163.10	6960.81	697.58	-319.25	-141.80	1294.08	65.58	20.06	PASS	
7199.37†	7023.96	129.27	806.84	7264.21	7062.92	723.21	-323.95	-140.87	1320.09	66.57	20.18	PASS	
7225.00†	7035.42	128.94	797.48	7264.21	7062.92	723.21	-323.95	-140.87	1320.09	66.57	20.18	PASS	
7257.25†	7048.52	128.48	790.91	7277.31	7076.02	728.80	-324.65	-140.50	1326.10	66.64	20.19	PASS	
7325.00†	7071.07	127.38	781.32	7378.42	7178.13	754.43	-329.35	-139.57	1352.11	67.63	20.31	PASS	
7425.00†	7091.69	125.45	761.73	7501.02	7300.03	780.06	-334.05	-138.64	1378.12	68.62	20.43	PASS	
7511.52	7097.00	123.50	752.14	7501.02	7300.03	780.06	-334.05	-138.64	1378.12	68.62	20.43	PASS	
7525.00†	7096.91	123.18	742.55	7501.02	7300.03	780.06	-334.05	-138.64	1378.12	68.62	20.43	PASS	
7625.00†	7096.26	120.81	732.96	7501.02	7300.03	780.06	-334.05	-138.64	1378.12	68.62	20.43	PASS	
7725.00†	7095.61	118.43	723.37	7501.02	7300.03	780.06	-334.05	-138.64	1378.12	68.62	20.43	PASS	
7825.00†	7094.96	116.05	713.78	7501.02	7300.03	780.06	-334.05	-138.64	1378.12	68.62	20.43	PASS	
7925.00†	7094.31	113.68	704.19	7501.02	7300.03	780.06	-334.05	-138.64	1378.12	68.62	20.43	PASS	
8025.00†	7093.66	111.30	694.60	7501.02	7300.03	780.06	-334.05	-138.64	1378.12	68.62	20.43	PASS	
8125.00†	7093.01	108.92	685.01	7501.02	7300.03	780.06	-334.05	-138.64	1378.12	68.62	20.43	PASS	
8225.00†	7092.36	106.55	675.42	7501.02	7300.03	780.06	-334.05	-138.64	1378.12	68.62	20.43	PASS	
8325.00†	7091.70	104.17	665.83	7501.02	7300.03	780.06	-334.05	-138.64	1378.12	68.62	20.43	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 154 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **LEFFLER 26N-23B-L AWB** Offset Wellpath: **LEFFLER 26N-23B-L AWP**

Facility: SEC.21-T06N-R66W		Slot: SLOT#01 LEFFLER 26N-23B-L (1801'FNL & 275'FEL SEC.21)				Well: LEFFLER 26N-23B-L		Threshold Value=1.00	† = Interpolated/extrapolated station			
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8425.00†	7091.05	101.73	-812.50	6959.42	6717.72	629.16	-227.66	53.69	871.51	86.49	10.15	PASS
8525.00†	7090.40	99.41	-912.47	6934.49	6696.22	628.47	-240.26	52.15	941.89	86.23	11.01	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **LEFFLER 26N-23B-L AWB** Offset Wellpath: **LEFFLER 26N-23B-L AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **LEFFLER 26N-23B-L AWB** Offset Wellpath: **LEFFLER 26N-23B-L AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1797.00	1772.00	29.00	1764.79	-611.83	-15.09	-518.30	-32.89

**WELLPATH COMPOSITION** - Offset Wellbore: **LEFFLER 26N-23B-L AWB** Offset Wellpath: **LEFFLER 26N-23B-L AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1735.00	Custom BHI NaviTrak (Standard Rotating+Axial Cor) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<91-1714>	LEFFLER 26N-23B-L AWB
1735.00	10475.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	8 1/2" Monobore <1839'-10475...	LEFFLER 26N-23B-L AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **LEFFLER 26N-23B-L AWB** Offset Wellpath: **LEFFLER 26N-23B-L AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 155 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: HOOD 25C-22-M AWB Offset Wellpath: HOOD 25C-22-M AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#02 HOOD 25C-22-M (745'FSL & 1122'FEL SEC.20) Well: HOOD 25C-22-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	7.00	25.00	-3842.73	-6166.36	-121.93	7265.71	25.57	295.29	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: HOOD 25C-22-M AWB Offset Wellpath: HOOD 25C-22-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: HOOD 25C-22-M AWB Offset Wellpath: HOOD 25C-22-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1762.00	1737.00	43.00	1753.95	-2342.06	-3759.31	-2278.65	-3736.33
9.625in Casing Surface	25.00	1762.00	1737.00	43.00	1753.95	-2342.06	-3759.31	-2278.65	-3736.33
8.5in Open Hole	1762.00	15615.00	13853.00	1753.95	7197.89	-2278.65	-3736.33	-1841.62	-1005.06

WELLPATH COMPOSITION - Offset Wellbore: HOOD 25C-22-M AWB Offset Wellpath: HOOD 25C-22-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1712.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<109-1712>	HOOD 25C-22-M AWB
1712.00	15591.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1792-15591>	HOOD 25C-22-M AWB
15591.00	15615.00	Blind Drilling (std)	Projection to bit	HOOD 25C-22-M AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: HOOD 25C-22-M AWB Offset Wellpath: HOOD 25C-22-M AWP

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 156 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: ALICE M. HOFFNER #1-22 AWB Offset Wellpath: ALICE M. HOFFNER #1-22 AWP

Facility: SEC.22-T06N-R66W Slot: SLOT#01EX:ALICE M. HOFFNER #1-22 (1980'FNL&835'FWL SEC.22,7300'MD,PA) Well: ALICE M. HOFFNER #1-22 Threshold Value=1.00 † = interpolated/extrapolated												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	A St
25.00	25.00	0.00	0.00	-10.00	25.00	-1186.90	1079.19	137.72	1604.18	25.57	65.17	P

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: ALICE M. HOFFNER #1-22 AWB Offset Wellpath: ALICE M. HOFFNER #1-22 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: ALICE M. HOFFNER #1-22 AWB Offset Wellpath: ALICE M. HOFFNER #1-22 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	0.00	418.00	418.00	10.00	428.00	-723.52	657.89	-723.52	657.89
8.625in Casing Surface	0.00	418.00	418.00	10.00	428.00	-723.52	657.89	-723.52	657.89

WELLPATH COMPOSITION - Offset Wellbore: ALICE M. HOFFNER #1-22 AWB Offset Wellpath: ALICE M. HOFFNER #1-22 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7300.00	Drift Indicator - Inclination Only (Actual Survey)	DRIFT INDICATOR TO TD <7300' FROM CO WEBSITE>	ALICE M. HOFFNER #1-22 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: ALICE M. HOFFNER #1-22 AWB Offset Wellpath: ALICE M. HOFFNER #1-22 AWP

MD Reference: Rig on SLOT#01EX:ALICE M. HOFFNER #1-22 (1980'FNL & 835'FWL SEC.22) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 157 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **FRITZLER #21-22-14 AWB** Offset Wellpath: **FRITZLER #21-22-14 AWP**

Facility: SEC.21-T06N-66W Slot: SLOT#01 EX:FRITZLER #21-22-14 (1702'FNL & 583'FWL SEC.21, PR) Well: FRITZLER #21-22-14 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	22.98	37.98	-983.66	-4473.25	-102.40	4580.15	30.57	154.44	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **FRITZLER #21-22-14 AWB** Offset Wellpath: **FRITZLER #21-22-14 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **FRITZLER #21-22-14 AWB** Offset Wellpath: **FRITZLER #21-22-14 AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	16.00	700.00	684.00	22.00	701.73	-599.37	-2726.97	-617.84	-2718.26
8.625in Casing Surface	16.00	700.00	684.00	22.00	701.73	-599.37	-2726.97	-617.84	-2718.26
7.875in Open Hole	700.00	7325.00	6625.00	701.73	7177.25	-617.84	-2718.26	-899.71	-2502.22
4.5in Casing Production	16.00	7325.00	7309.00	22.00	7177.25	-599.37	-2726.97	-899.71	-2502.22

**WELLPATH COMPOSITION** - Offset Wellbore: **FRITZLER #21-22-14 AWB** Offset Wellpath: **FRITZLER #21-22-14 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7422.00	ISCWSA MWD, Rev. 4 (Standard)	MS ENERGY GRID SURVEYS, CONVERTED TO TRUE NORTH <112-7422>	FRITZLER #21-22-14 AWB
7422.00	7473.00	Blind Drilling (std)	Projection to bit	FRITZLER #21-22-14 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **FRITZLER #21-22-14 AWB** Offset Wellpath: **FRITZLER #21-22-14 AWP**

MD Reference: 16' FROM MS SURVEYS (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	16.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 158 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 41N-23C-L AWB Offset Wellpath: LEFFLER 41N-23C-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#06 LEFFLER 41N-23C-L (1901'FNL & 275'FEL SEC.21) Well: LEFFLER 41N-23C-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	21.00	25.00	-1103.54	-24.76	-178.72	1103.81	1.26	3676.17	PASS	
125.00†	125.00	0.00	0.00	120.75	124.74	-1103.55	-23.95	-178.76	1103.81	2.03	1215.26	PASS	
225.00†	225.00	0.00	0.00	218.90	222.89	-1103.73	-22.97	-178.81	1103.97	2.65	722.45	PASS	
300.00	300.00	0.00	0.00	298.56	302.55	-1103.69	-23.69	-178.77	1103.95	3.73	424.08	PASS	
325.00†	325.00	0.02	0.11	324.24	328.21	-1103.61	-24.32	-100.93	1103.91	4.15	364.93	PASS	
425.00†	424.96	0.46	2.69	422.52	426.41	-1103.20	-28.35	101.27	1104.09	5.31	263.34	PASS	
525.00†	524.77	1.48	8.71	520.84	524.61	-1103.11	-33.31	101.81	1105.40	5.85	233.47	PASS	
625.00†	624.30	3.09	18.15	641.72	645.37	-1102.03	-38.52	102.64	1106.77	6.51	205.25	PASS	
660.88	659.93	3.81	22.38	700.39	703.98	-1100.26	-40.15	103.09	1106.71	6.86	192.78	PASS	
725.00†	723.54	5.16	30.32	787.77	791.21	-1095.47	-42.01	103.75	1105.08	7.50	173.21	PASS	
825.00†	822.75	7.27	42.70	921.38	924.33	-1085.16	-46.91	104.89	1100.80	8.42	150.81	PASS	
925.00†	921.95	9.38	55.09	1032.80	1034.99	-1073.58	-52.74	105.95	1094.17	9.29	133.84	PASS	
1025.00†	1021.16	11.49	67.48	1133.45	1134.85	-1062.52	-58.65	106.96	1087.35	10.03	121.97	PASS	
1125.00†	1120.37	13.60	79.86	1242.11	1242.57	-1049.87	-65.19	108.08	1080.25	10.84	111.10	PASS	
1225.00†	1219.58	15.71	92.25	1346.18	1345.65	-1036.79	-71.03	109.15	1072.53	11.62	102.11	PASS	
1325.00†	1318.78	17.82	104.63	1442.15	1440.69	-1024.62	-76.37	110.15	1065.03	12.44	94.01	PASS	
1425.00†	1417.99	19.93	117.02	1531.29	1529.03	-1013.75	-81.34	111.09	1058.38	13.22	87.40	PASS	
1525.00†	1517.20	22.04	129.40	1617.08	1614.19	-1004.29	-85.48	111.95	1053.06	13.97	81.90	PASS	
1625.00†	1616.41	24.15	141.79	1710.03	1706.56	-994.94	-90.12	112.90	1049.02	14.81	76.57	PASS	
1725.00†	1715.61	26.25	154.17	1813.24	1809.16	-984.73	-94.51	113.91	1045.31	15.34	72.63	PASS	
1825.00†	1814.82	28.36	166.56	1914.76	1910.08	-974.26	-98.08	114.88	1041.32	15.43	70.69	PASS	
1925.00†	1914.03	30.47	178.95	2007.70	2002.40	-964.45	-102.50	115.84	1037.73	15.55	69.88	PASS	
2025.00†	2013.24	32.58	191.33	2097.93	2092.04	-955.51	-107.51	116.80	1035.30	15.73	68.86	PASS	
2125.00†	2112.44	34.69	203.72	2194.18	2187.69	-946.31	-113.15	117.84	1033.64	16.01	67.49	PASS	
2225.00†	2211.65	36.80	216.10	2293.49	2286.35	-936.74	-119.24	118.94	1032.38	16.35	65.96	PASS	
2325.00†	2310.86	38.91	228.49	2397.12	2389.30	-926.52	-125.25	120.07	1031.19	16.76	64.20	PASS	
2425.00†	2410.07	41.02	240.87	2496.56	2488.05	-916.31	-130.87	121.15	1029.93	17.22	62.32	PASS	
2525.00†	2509.28	43.13	253.26	2592.96	2583.81	-906.54	-136.14	122.20	1029.10	17.73	60.40	PASS	
2625.00†	2608.48	45.24	265.64	2690.06	2680.27	-896.82	-141.53	123.25	1028.79	18.30	58.45	PASS	
2725.00†	2707.69	47.35	278.03	2793.31	2782.84	-886.33	-147.06	124.37	1028.64	18.92	56.43	PASS	
2825.00†	2806.90	49.46	290.41	2895.99	2884.82	-875.54	-152.14	125.47	1028.37	19.59	54.42	PASS	
2925.00†	2906.11	51.56	302.80	2996.58	2984.74	-864.83	-156.63	126.52	1028.12	20.29	52.47	PASS	
3025.00†	3005.31	53.67	315.19	3098.84	3086.33	-853.92	-160.69	127.57	1027.98	21.03	50.56	PASS	
3125.00†	3104.52	55.78	327.57	3204.70	3191.50	-842.31	-164.13	128.62	1027.58	21.81	48.67	PASS	
3225.00†	3203.73	57.89	339.96	3304.09	3290.24	-831.23	-166.68	129.59	1026.99	22.59	46.90	PASS	
3325.00†	3302.94	60.00	352.34	3406.92	3392.39	-819.67	-169.12	130.58	1026.52	23.41	45.18	PASS	
3425.00†	3402.14	62.11	364.73	3504.16	3488.98	-808.70	-171.32	131.51	1026.25	24.23	43.59	PASS	
3525.00†	3501.35	64.22	377.11	3615.63	3599.70	-795.92	-172.73	132.54	1025.99	25.13	41.96	PASS	
3625.00†	3600.56	66.33	389.50	3718.20	3701.58	-784.05	-172.44	133.41	1024.27	26.02	40.45	PASS	
3725.00†	3699.77	68.44	401.88	3809.29	3792.06	-773.48	-172.59	134.21	1023.41	26.87	39.10	PASS	
3825.00†	3798.97	70.55	414.27	3895.47	3877.66	-763.65	-174.15	135.03	1023.87	27.71	37.89	PASS	
3925.00†	3898.18	72.66	426.65	3978.78	3960.41	-754.45	-177.09	135.87	1025.91	28.56	36.81	PASS	
4025.00†	3997.39	74.76	439.04	4062.57	4043.65	-745.92	-181.35	136.75	1029.83	29.42	35.84	PASS	
4125.00†	4096.60	76.87	451.43	4147.07	4127.60	-737.78	-186.54	137.65	1035.19	30.29	34.97	PASS	
4225.00†	4195.80	78.98	463.81	4225.70	4205.72	-731.17	-192.55	138.50	1042.71	31.12	34.26	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 159 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 41N-23C-L AWP Offset Wellpath: LEFFLER 41N-23C-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#06 LEFFLER 41N-23C-L (1901'FNL & 275'FEL SEC.21) Well: LEFFLER 41N-23C-L Threshold Value=1.00 † = Interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
4325.00†	4295.01	81.09	476.20	4322.23	4301.59	-723.52	-200.80	139.55	1051.56	32.07	33.51	PASS
4425.00†	4394.22	83.20	488.58	4432.82	4411.43	-714.31	-209.75	140.72	1060.18	33.08	32.72	PASS
4525.00†	4493.43	85.31	500.97	4539.92	4517.82	-704.55	-217.35	141.83	1067.92	34.09	31.97	PASS
4625.00†	4592.64	87.42	513.35	4626.02	4603.34	-696.71	-223.46	142.71	1076.05	34.98	31.38	PASS
4725.00†	4691.84	89.53	525.74	4708.70	4685.44	-689.91	-230.43	143.55	1085.98	35.86	30.88	PASS
4825.00†	4791.05	91.64	538.12	4817.19	4793.21	-681.67	-239.75	144.63	1096.86	36.90	30.29	PASS
4925.00†	4890.26	93.75	550.51	4958.44	4933.53	-668.19	-248.75	145.98	1105.09	38.16	29.49	PASS
5025.00†	4989.47	95.86	562.89	5086.64	5060.88	-654.18	-252.84	147.11	1110.44	39.32	28.74	PASS
5125.00†	5088.67	97.97	575.28	5189.25	5162.75	-641.98	-254.66	148.00	1114.37	40.34	28.10	PASS
5225.00†	5187.88	100.07	587.67	5283.84	5256.68	-630.92	-256.36	148.80	1118.69	41.30	27.54	PASS
5325.00†	5287.09	102.18	600.05	5372.07	5344.28	-620.70	-258.60	149.56	1123.88	42.24	27.04	PASS
5425.00†	5386.30	104.29	612.44	5466.15	5427.75	-611.12	-261.79	150.31	1130.40	43.16	26.61	PASS
5525.00†	5485.50	106.40	624.82	5553.72	5524.64	-600.40	-266.08	151.17	1137.90	44.16	26.17	PASS
5625.00†	5584.71	108.51	637.21	5649.38	5619.49	-587.31	-269.96	152.15	1144.61	45.26	25.68	PASS
5725.00†	5683.92	110.62	649.59	5745.85	5715.29	-576.54	-272.85	152.93	1151.27	46.24	25.27	PASS
5825.00†	5783.13	112.73	661.98	5842.35	5811.35	-566.22	-276.15	153.70	1158.70	47.20	24.91	PASS
5925.00†	5882.33	114.84	674.36	5938.96	5907.47	-555.82	-280.29	154.48	1167.11	48.17	24.57	PASS
6025.00†	5981.54	116.95	686.75	6035.44	6004.24	-545.13	-284.64	155.28	1175.87	49.16	24.25	PASS
6125.00†	6080.75	119.06	699.13	6132.00	6100.82	-534.42	-289.00	156.00	1185.00	50.16	23.94	PASS
6225.00†	6179.96	121.17	711.52	6228.60	6197.33	-523.70	-293.33	156.67	1194.37	51.16	23.63	PASS
6325.00†	6279.17	123.27	723.91	6325.17	6292.75	-513.00	-297.67	157.33	1203.78	52.16	23.32	PASS
6425.00†	6378.37	125.38	736.29	6421.75	6384.25	-502.30	-302.00	158.00	1213.17	53.16	23.01	PASS
6428.02	6381.37	125.45	736.66	6418.75	6387.25	-501.77	-303.69	158.00	1213.17	53.16	23.01	PASS
6525.00†	6478.12	127.33	741.32	6515.27	6484.27	-491.06	-308.00	158.67	1222.56	54.16	22.70	PASS
6625.00†	6577.44	128.90	730.68	6611.82	6580.71	-480.35	-312.33	159.33	1231.95	55.16	22.39	PASS
6725.00†	6673.88	130.05	704.65	6708.33	6677.23	-469.64	-316.67	160.00	1241.34	56.16	22.08	PASS
6825.00†	6765.06	130.75	663.85	6804.87	6792.77	-458.93	-321.00	160.67	1250.73	57.16	21.77	PASS
6925.00†	6848.75	130.99	609.29	6822.23	6800.23	-448.22	-325.33	161.33	1260.12	58.16	21.46	PASS
7025.00†	6922.87	130.76	542.32	6918.75	6896.75	-437.51	-329.67	162.00	1269.51	59.16	21.15	PASS
7125.00†	6985.61	130.07	464.59	7015.27	7000.27	-426.80	-334.00	162.67	1278.90	60.16	20.84	PASS
7225.00†	7035.42	128.94	378.00	7111.82	7100.32	-416.09	-338.33	163.33	1288.29	61.16	20.53	PASS
7325.00†	7071.07	127.38	284.70	7208.33	7200.83	-405.38	-342.67	164.00	1297.68	62.16	20.22	PASS
7368.13†	7081.85	126.59	242.96	7248.31	7240.81	-400.00	-345.00	164.00	1297.68	62.16	20.22	PASS
7425.00†	7091.69	125.45	186.97	7344.82	7337.32	-394.69	-349.33	164.67	1307.07	63.16	19.91	PASS
7511.52	7097.00	123.50	100.71	7341.33	7333.83	-394.00	-350.00	164.67	1307.07	63.16	19.91	PASS
7525.00†	7096.91	123.18	87.23	7288.23	7280.73	-394.00	-350.00	164.67	1307.07	63.16	19.91	PASS
7625.00†	7096.26	120.81	-12.74	7199.32	7201.82	-394.00	-350.00	164.67	1307.07	63.16	19.91	PASS
7725.00†	7095.61	118.43	-112.71	7132.31	7134.81	-394.00	-350.00	164.67	1307.07	63.16	19.91	PASS
7733.99†	7095.55	118.22	-121.70	7127.40	7129.90	-394.00	-350.00	164.67	1307.07	63.16	19.91	PASS
7825.00†	7094.96	116.05	-212.68	7080.26	7082.76	-394.00	-350.00	164.67	1307.07	63.16	19.91	PASS
7925.00†	7094.31	113.68	-312.65	7029.52	7032.02	-394.00	-350.00	164.67	1307.07	63.16	19.91	PASS
8025.00†	7093.66	111.30	-412.62	6985.08	6987.58	-394.00	-350.00	164.67	1307.07	63.16	19.91	PASS
8125.00†	7093.01	108.92	-512.59	6932.37	6934.87	-394.00	-350.00	164.67	1307.07	63.16	19.91	PASS
8225.00†	7092.36	106.55	-612.56	6890.43	6892.93	-394.00	-350.00	164.67	1307.07	63.16	19.91	PASS
8325.00†	7091.70	104.17	-712.53	6862.49	6864.99	-394.00	-350.00	164.67	1307.07	63.16	19.91	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 160 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **LEFFLER 41N-23C-L AWB** Offset Wellpath: **LEFFLER 41N-23C-L AWP**

Facility: SEC.21-T06N-R66W		Slot: SLOT#06 LEFFLER 41N-23C-L (1901'FNL & 275'FEL SEC.21)		Well: LEFFLER 41N-23C-L		Threshold Value=1.00		† = Interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8425.00†	7091.05	101.79	-812.50	6838.22	6787.05	-457.75	-234.57	-61.77	859.94	82.50	10.50	PASS
8525.00†	7090.40	99.41	-912.47	6817.01	6768.35	-458.37	-244.56	-60.36	927.88	82.92	11.28	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **LEFFLER 41N-23C-L AWB** Offset Wellpath: **LEFFLER 41N-23C-L AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **LEFFLER 41N-23C-L AWB** Offset Wellpath: **LEFFLER 41N-23C-L AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1803.00	1778.00	29.00	1798.99	-672.72	-15.09	-636.82	-36.24

**WELLPATH COMPOSITION** - Offset Wellbore: **LEFFLER 41N-23C-L AWB** Offset Wellpath: **LEFFLER 41N-23C-L AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1741.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<112-1741>	LEFFLER 41N-23C-L AWB
1741.00	17721.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model) <1838'-17721'>	LEFFLER 41N-23C-L AWB
17721.00	17745.00	Blind Drilling (std)	Projection to bit	LEFFLER 41N-23C-L AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **LEFFLER 41N-23C-L AWB** Offset Wellpath: **LEFFLER 41N-23C-L AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 161 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: HOOD 11N-22B-M AWB Offset Wellpath: HOOD 11N-22B-M AWP

Facility: SEC.20-T06N-R66W Slot: SLOT#03 HOOD 11N-22B-M (725'FSL & 1122'FEL SEC.20) Well: HOOD 11N-22B-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	7.00	25.00	-3862.77	-6166.37	-122.06	7276.34	25.57	295.72	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: HOOD 11N-22B-M AWB Offset Wellpath: HOOD 11N-22B-M AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: HOOD 11N-22B-M AWB Offset Wellpath: HOOD 11N-22B-M AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1757.00	1732.00	43.00	1757.59	-2354.27	-3759.31	-2307.08	-3737.66
9.625in Open Hole	25.00	1757.00	1732.00	43.00	1757.59	-2354.27	-3759.31	-2307.08	-3737.66
8.5in Open Hole	1757.00	15343.00	13586.00	1757.59	7022.57	-2307.08	-3737.66	-1912.33	-1007.37

WELLPATH COMPOSITION - Offset Wellbore: HOOD 11N-22B-M AWB Offset Wellpath: HOOD 11N-22B-M AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1707.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<109-1707>	HOOD 11N-22B-M AWB
1707.00	15319.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1794-15319>	HOOD 11N-22B-M AWB
15319.00	15343.00	Blind Drilling (std)	Projection to bit	HOOD 11N-22B-M AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: HOOD 11N-22B-M AWB Offset Wellpath: HOOD 11N-22B-M AWP

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 162 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 26N-23B-L PWB Offset Wellpath: LEFFLER 26N-23B-L PWP REV-B.0

Facility: SEC.21-T06N-R66W Slot: SLOT#01 LEFFLER 26N-23B-L (1801'FNL & 275'FEL SEC.21) Well: LEFFLER 26N-23B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	21.00	25.00	-1003.65	-24.76	-178.59	1003.96	1.26	3343.32	PASS	
125.00†	125.00	0.00	0.00	131.91	135.90	-1003.03	-24.41	-178.61	1003.39	2.14	988.36	PASS	
225.00†	225.00	0.00	0.00	245.23	249.22	-1001.31	-24.04	-178.63	1001.89	2.73	622.93	PASS	
300.00	300.00	0.00	0.00	345.71	349.62	-997.65	-24.65	-178.58	999.19	3.58	406.91	PASS	
325.00†	325.00	0.02	0.11	380.28	384.13	-995.75	-25.16	-101.15	997.85	3.82	369.25	PASS	
425.00†	424.96	0.46	2.69	532.39	535.60	-982.22	-27.87	101.71	989.35	5.27	238.50	PASS	
525.00†	524.77	1.48	8.71	663.16	665.26	-965.45	-30.19	102.57	977.86	6.27	189.84	PASS	
625.00†	624.30	3.09	18.15	793.47	793.76	-944.15	-33.89	103.86	963.68	7.23	157.73	PASS	
660.88	659.93	3.81	22.38	836.80	836.35	-936.29	-35.33	104.38	958.25	7.56	148.68	PASS	
725.00†	723.54	5.16	30.32	943.82	940.84	-913.65	-39.76	105.56	946.75	8.38	130.37	PASS	
825.00†	822.75	7.27	42.70	1064.74	1057.74	-883.54	-46.60	107.08	925.60	9.27	113.44	PASS	
925.00†	921.95	9.38	55.09	1162.22	1151.55	-857.81	-52.91	108.43	903.55	10.27	98.73	PASS	
1025.00†	1021.16	11.49	67.48	1255.25	1241.16	-833.51	-58.82	109.78	882.25	11.06	88.71	PASS	
1125.00†	1120.37	13.60	79.86	1353.03	1335.40	-808.05	-64.49	111.22	861.50	11.90	79.86	PASS	
1225.00†	1219.58	15.71	92.25	1443.96	1423.10	-784.49	-68.96	112.56	841.26	12.74	72.33	PASS	
1325.00†	1318.78	17.82	104.63	1540.75	1516.63	-759.90	-73.09	114.01	821.94	13.63	65.62	PASS	
1425.00†	1417.99	19.93	117.02	1628.62	1601.64	-737.91	-76.42	115.34	803.40	14.51	59.92	PASS	
1525.00†	1517.20	22.04	129.40	1726.04	1696.04	-714.11	-80.12	116.88	786.00	15.47	54.73	PASS	
1625.00†	1616.41	24.15	141.79	1832.19	1798.51	-686.83	-84.81	118.70	768.11	15.94	51.05	PASS	
1725.00†	1715.61	26.25	154.17	1927.81	1890.68	-661.81	-89.25	120.45	750.56	16.52	48.05	PASS	
1825.00†	1814.82	28.36	166.56	2023.42	1982.86	-636.78	-93.70	122.27	733.75	16.71	45.82	PASS	
1925.00†	1914.03	30.47	178.95	2119.04	2075.03	-611.76	-98.14	124.17	717.74	16.96	44.11	PASS	
2025.00†	2013.24	32.58	191.33	2214.65	2167.21	-586.73	-102.58	126.15	702.60	17.30	42.31	PASS	
2125.00†	2112.44	34.69	203.72	2310.27	2259.38	-561.71	-107.03	128.21	688.36	17.70	40.46	PASS	
2225.00†	2211.65	36.80	216.10	2405.88	2351.56	-536.68	-111.47	130.34	675.10	18.18	38.60	PASS	
2325.00†	2310.86	38.91	228.49	2501.49	2443.73	-511.66	-115.92	132.56	662.86	18.71	36.77	PASS	
2425.00†	2410.07	41.02	240.87	2597.11	2535.91	-486.63	-120.36	134.84	651.72	19.31	35.00	PASS	
2525.00†	2509.28	43.13	253.26	2692.72	2628.08	-461.61	-124.80	137.20	641.72	19.95	33.31	PASS	
2625.00†	2608.48	45.24	265.64	2788.34	2720.26	-436.58	-129.25	139.62	632.91	20.65	31.71	PASS	
2725.00†	2707.69	47.35	278.03	2883.95	2812.43	-411.56	-133.69	142.10	625.36	21.38	30.22	PASS	
2825.00†	2806.90	49.46	290.41	2979.57	2904.61	-386.53	-138.14	144.62	619.10	22.15	28.84	PASS	
2925.00†	2906.11	51.56	302.80	3075.18	2996.78	-361.50	-142.58	147.20	614.17	22.95	27.59	PASS	
3025.00†	3005.31	53.67	315.19	3170.80	3088.96	-336.48	-147.02	149.80	610.62	23.77	26.44	PASS	
3125.00†	3104.52	55.78	327.57	3266.41	3181.13	-311.45	-151.47	152.43	608.45	24.62	25.42	PASS	
3225.00†	3203.73	57.89	339.96	3362.03	3273.30	-286.43	-155.91	155.07	607.69	25.49	24.50	PASS	
3325.00†	3302.94	60.00	352.34	3457.64	3365.48	-261.40	-160.35	157.70	608.33	26.37	23.68	PASS	
3425.00†	3402.14	62.11	364.73	3553.26	3457.65	-236.38	-164.80	160.33	610.39	27.26	22.96	PASS	
3525.00†	3501.35	64.22	377.11	3648.87	3549.83	-211.35	-169.24	162.94	613.83	28.17	22.33	PASS	
3625.00†	3600.56	66.33	389.50	3744.49	3642.00	-186.33	-173.69	165.51	618.65	29.08	21.78	PASS	
3725.00†	3699.77	68.44	401.88	3840.10	3734.18	-161.30	-178.13	168.05	624.80	30.00	21.31	PASS	
3825.00†	3798.97	70.55	414.27	3935.72	3826.35	-136.28	-182.57	170.53	632.25	30.93	20.90	PASS	
3925.00†	3898.18	72.66	426.65	4031.33	3918.53	-111.25	-187.02	172.95	640.96	31.86	20.55	PASS	
4025.00†	3997.39	74.76	439.04	4126.95	4010.70	-86.23	-191.46	175.32	650.87	32.79	20.26	PASS	
4125.00†	4096.60	76.87	451.43	4222.56	4102.88	-61.20	-195.90	177.61	661.92	33.73	20.02	PASS	
4225.00†	4195.80	78.98	463.81	4318.17	4195.05	-36.18	-200.35	179.83	674.07	34.68	19.82	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 163 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 26N-23B-L PWB Offset Wellpath: LEFFLER 26N-23B-L PWP REV-B.0

Facility: SEC.21-T06N-R66W Slot: SLOT#01 LEFFLER 26N-23B-L (1801'FNL & 275'FEL SEC.21) Well: LEFFLER 26N-23B-L Threshold Value=1.00 † = Interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4413.79	4287.23	-11.15	-204.79	-178.03	687.25	35.63	19.66	PASS	
4425.00†	4394.22	83.20	488.58	4509.40	4379.40	13.87	-209.24	-175.97	701.41	36.58	19.53	PASS	
4525.00†	4493.43	85.31	500.97	4605.02	4471.58	38.90	-213.68	-173.98	716.48	37.54	19.44	PASS	
4625.00†	4592.64	87.42	513.35	4700.63	4563.75	63.92	-218.12	-172.08	732.42	38.50	19.36	PASS	
4725.00†	4691.84	89.53	525.74	4796.25	4655.93	88.95	-222.57	-170.25	749.17	39.46	19.31	PASS	
4825.00†	4791.05	91.64	538.12	4891.86	4748.10	113.97	-227.01	-168.49	766.66	40.43	19.28	PASS	
4925.00†	4890.26	93.75	550.51	4987.48	4840.27	139.00	-231.45	-166.82	784.86	41.41	19.27	PASS	
5025.00†	4989.47	95.86	562.89	5083.09	4932.45	164.02	-235.90	-165.22	803.72	42.39	19.27	PASS	
5125.00†	5088.67	97.97	575.28	5178.71	5024.62	189.05	-240.34	-163.68	823.19	43.37	19.28	PASS	
5225.00†	5187.88	100.07	587.67	5274.32	5116.80	214.07	-244.79	-162.22	843.22	44.36	19.30	PASS	
5325.00†	5287.09	102.18	600.05	5369.94	5208.97	239.10	-249.23	-160.82	863.78	45.35	19.33	PASS	
5425.00†	5386.30	104.29	612.44	5465.55	5301.15	264.12	-253.67	-159.49	884.84	46.35	19.37	PASS	
5525.00†	5485.50	106.40	624.82	5561.17	5393.32	289.15	-258.12	-158.21	906.35	47.35	19.42	PASS	
5625.00†	5584.71	108.51	637.21	5656.78	5485.50	314.17	-262.56	-156.99	928.29	48.36	19.47	PASS	
5725.00†	5683.92	110.62	649.59	5752.40	5577.67	339.20	-267.00	-155.83	950.62	49.37	19.52	PASS	
5825.00†	5783.13	112.73	661.98	5848.01	5669.85	364.22	-271.45	-154.72	973.33	50.39	19.58	PASS	
5925.00†	5882.33	114.84	674.36	5943.62	5762.02	389.25	-275.89	-153.66	996.37	51.40	19.64	PASS	
6025.00†	5981.54	116.95	686.75	6039.24	5854.20	414.27	-280.34	-152.64	1019.74	52.43	19.70	PASS	
6125.00†	6080.75	119.06	699.13	6134.85	5946.37	439.30	-284.78	-151.67	1043.41	53.45	19.77	PASS	
6225.00†	6179.96	121.17	711.52	7985.29	7022.49	726.67	705.97	-91.00	1037.56	55.37	18.97	PASS	
6325.00†	6279.17	123.27	723.91	7998.49	7022.59	726.64	719.17	-89.76	957.48	58.27	16.62	PASS	
6425.00†	6378.37	125.38	736.29	8011.69	7022.70	726.61	732.37	-88.52	881.28	61.69	14.44	PASS	
6428.02	6381.37	125.45	736.66	8012.09	7022.71	726.61	732.77	-88.48	879.05	61.80	14.38	PASS	
6525.00†	6478.12	127.33	741.32	8017.54	7022.75	726.60	738.22	59.11	809.78	65.58	12.47	PASS	
6625.00†	6577.44	128.90	730.68	8007.72	7022.67	726.62	728.40	93.51	745.32	69.85	10.77	PASS	
6725.00†	6673.88	130.05	704.65	7982.48	7022.46	726.68	703.16	99.52	691.00	73.75	9.45	PASS	
6825.00†	6765.06	130.75	663.85	7942.44	7022.13	726.77	663.12	101.13	649.10	76.78	8.52	PASS	
6925.00†	6848.75	130.99	609.29	7888.58	7021.69	726.90	609.26	100.03	620.49	78.86	7.93	PASS	
7025.00†	6922.87	130.76	542.32	7822.23	7021.14	727.05	542.91	97.11	604.33	79.88	7.62	PASS	
7125.00†	6985.61	130.07	464.59	7745.01	7020.50	727.24	465.70	93.18	598.18	80.12	7.52	PASS	
7161.53†	7005.38	129.71	433.87	7714.93	7020.25	727.31	435.62	91.68	597.79	80.15	7.52	PASS	
7163.09†	7006.18	129.69	432.54	7713.14	7020.23	727.31	433.83	91.59	597.79	80.14	7.52	PASS	
7225.00†	7035.42	128.94	378.00	7658.85	7019.78	727.44	379.54	89.08	598.71	80.02	7.54	PASS	
7325.00†	7071.07	127.38	284.70	7558.01	7017.27	727.22	278.76	85.22	602.27	79.70	7.62	PASS	
7425.00†	7091.69	125.45	186.97	7449.85	6999.90	722.99	172.22	81.32	604.74	79.43	7.67	PASS	
7511.52	7097.00	123.50	100.71	7361.88	6973.09	716.11	88.79	78.19	605.53	79.28	7.70	PASS	
7525.00†	7096.91	123.18	87.23	7348.65	6968.11	714.81	76.60	77.72	605.58	79.39	7.69	PASS	
7625.00†	7096.26	120.81	-12.74	7257.87	6927.48	704.16	-3.79	73.84	607.34	80.14	7.64	PASS	
7725.00†	7095.61	118.43	-112.71	7180.29	6884.32	692.74	-67.17	69.73	613.64	81.06	7.63	PASS	
7825.00†	7094.96	116.05	-212.68	7115.05	6842.48	681.61	-115.95	65.79	626.87	81.99	7.70	PASS	
7925.00†	7094.31	113.68	-312.65	7060.50	6803.96	671.33	-153.15	62.24	648.63	82.79	7.89	PASS	
8025.00†	7093.66	111.30	-412.62	7014.84	6769.46	662.10	-181.58	59.14	679.61	83.39	8.21	PASS	
8125.00†	7093.01	108.92	-512.59	6976.44	6738.98	653.94	-203.45	56.47	719.69	83.14	8.72	PASS	
8225.00†	7092.36	106.55	-612.56	6943.91	6712.20	646.75	-220.46	54.20	768.17	83.67	9.25	PASS	
8325.00†	7091.70	104.17	-712.53	6916.14	6688.71	640.44	-233.85	52.26	824.09	83.60	9.93	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 164 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **LEFFLER 26N-23B-L PWB** Offset Wellpath: **LEFFLER 26N-23B-L PWP REV-B.0**

Facility: SEC.21-T06N-R66W Slot: SLOT#01 LEFFLER 26N-23B-L (1801'FNL & 275'FEL SEC.21) Well: LEFFLER 26N-23B-L Threshold Value=1.00 † = Interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8425.00†	7091.05	101.79	-812.50	6892.25	6668.06	634.89	-244.51	50.59	886.41	83.38	10.71	PASS
8525.00†	7090.40	99.41	-912.47	6871.52	6649.84	629.98	-253.10	49.16	954.13	83.07	11.58	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **LEFFLER 26N-23B-L PWB** Offset Wellpath: **LEFFLER 26N-23B-L PWP REV-B.0**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **LEFFLER 26N-23B-L PWB** Offset Wellpath: **LEFFLER 26N-23B-L PWP REV-B.0**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1735.00	1710.00	29.00	1704.71	-611.83	-15.09	-522.90	-32.07
8.5in Open Hole	1735.00	17714.90	15979.90	1704.71	N/A	-522.90	-32.07	N/A	N/A

**SURVEY PROGRAM** - Offset Wellbore: **LEFFLER 26N-23B-L PWB** Offset Wellpath: **LEFFLER 26N-23B-L PWP REV-B.0**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1735.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<91-1714>	LEFFLER 26N-23B-L AWP
1735.00	17714.90	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		LEFFLER 26N-23B-L PWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **LEFFLER 26N-23B-L PWB** Offset Wellpath: **LEFFLER 26N-23B-L PWP REV-B.0**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 165 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD 11N-22A-M AWB** Offset Wellpath: **HOOD 11N-22A-M AWP**

Facility: SEC.20-T06N-R66W		Slot: SLOT#04 HOOD 11N-22A-M (705'FSL & 1122'FEL SEC.20)		Well: HOOD 11N-22A-M		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	7.00	25.00	-3882.80	-6166.06	-122.20	7286.74	25.57	296.15	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD 11N-22A-M AWB** Offset Wellpath: **HOOD 11N-22A-M AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD 11N-22A-M AWB** Offset Wellpath: **HOOD 11N-22A-M AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1763.00	1738.00	43.00	1768.40	-2366.49	-3759.13	-2330.04	-3740.79
9.625in Casing Intermediate	25.00	1763.00	1738.00	43.00	1768.40	-2366.49	-3759.13	-2330.04	-3740.79
8.5in Open Hole	1763.00	15220.00	13457.00	1768.40	6973.74	-2330.04	-3740.79	-1993.15	-1008.53

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD 11N-22A-M AWB** Offset Wellpath: **HOOD 11N-22A-M AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1712.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5 (STD ROTATING, AXIAL, ROCKIES GT)<109-1712>	HOOD 11N-22A-M AWB
1712.00	15196.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1792-15196>	HOOD 11N-22A-M AWB
15196.00	15220.00	Blind Drilling (std)	Projection to bit	HOOD 11N-22A-M AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD 11N-22A-M AWB** Offset Wellpath: **HOOD 11N-22A-M AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 166 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD 11C-22-M AWB** Offset Wellpath: **HOOD 11C-22-M AWP**

Facility: SEC.20-T06N-R66W Slot: SLOT#05 HOOD 11C-22-M (685'FSL & 1122'FEL SEC.20) Well: HOOD 11C-22-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	7.00	25.00	-3902.84	-6166.07	-122.33	7297.44	25.57	296.58	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD 11C-22-M AWB** Offset Wellpath: **HOOD 11C-22-M AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD 11C-22-M AWB** Offset Wellpath: **HOOD 11C-22-M AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1761.00	1736.00	43.00	1771.70	-2378.70	-3759.13	-2354.48	-3743.84
9.625in Casing Surface	25.00	1761.00	1736.00	43.00	1771.70	-2378.70	-3759.13	-2354.48	-3743.84
8.5in Open Hole	1761.00	15473.00	13712.00	1771.70	7198.80	-2354.48	-3743.84	-2061.88	-1004.56

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD 11C-22-M AWB** Offset Wellpath: **HOOD 11C-22-M AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1712.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5 (STD ROTATING, AXIAL, ROCKIES GT)<109-1712>	HOOD 11C-22-M AWB
1712.00	15449.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5 (IFR, SHORT, ROCKIES GT)<1794-15449>	HOOD 11C-22-M AWB
15449.00	15473.00	Blind Drilling (std)	Projection to bit	HOOD 11C-22-M AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD 11C-22-M AWB** Offset Wellpath: **HOOD 11C-22-M AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 167 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DORIS #1 AWB Offset Wellpath: DORIS #1 AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#01 EX:DORIS #1 (1920'SL & 680'FWL SEC.21, PR, 7238'MD) Well: DORIS #1 Threshold Value=1.00 † = Interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	-20.00	25.00	-2641.64	-4365.37	-121.18	5102.42	25.57	207.36	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: DORIS #1 AWB Offset Wellpath: DORIS #1 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: DORIS #1 AWB Offset Wellpath: DORIS #1 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	0.00	340.00	340.00	20.00	360.00	-1610.11	-2661.27	-1610.30	-2661.56
8.625in Casing Surface	0.00	340.00	340.00	20.00	360.00	-1610.11	-2661.27	-1610.30	-2661.56
7.5in Open Hole	340.00	7235.00	6895.00	360.00	7254.42	-1610.30	-2661.56	-1624.39	-2663.82
4.5in Casing Production	0.00	7235.00	7235.00	20.00	7254.42	-1610.11	-2661.27	-1624.39	-2663.82

WELLPATH COMPOSITION - Offset Wellbore: DORIS #1 AWB Offset Wellpath: DORIS #1 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	4900.00	BHI Generic gyro - continuous (Standard)	NATIVE NAVIGATION GYRO SURVEYS FROM SRC <100-4900>	DORIS #1 AWB
4900.00	7238.00	Drift Indicator - Inclination Only (Actual Survey)	DRIFT INDICATOR TO TD <7238' FROM CO WEBSITE>	DORIS #1 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: DORIS #1 AWB Offset Wellpath: DORIS #1 AWP

MD Reference: Rig on SLOT#01 EX:DORIS #1 (1920'SL & 680'FWL SEC.21, PR, 7238'MD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft



**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 168 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD 23N-22C-M AWB** Offset Wellpath: **HOOD 23N-22C-M AWP**

Facility: SEC.20-T06N-R66W Slot: SLOT#06 HOOD 23N-22C-M (665'FSL & 1122'FEL SEC.20) Well: HOOD 23N-22C-M Threshold Value=1.00 † = interpolated/extrapolated station											
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio
25.00	25.00	0.00	0.00	7.00	25.00	-3922.88	-6166.07	-122.47	7308.18	25.57	297.02
PASS											

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD 23N-22C-M AWB** Offset Wellpath: **HOOD 23N-22C-M AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD 23N-22C-M AWB** Offset Wellpath: **HOOD 23N-22C-M AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1771.00	1746.00	43.00	1784.74	-2390.92	-3759.14	-2377.63	-3746.42
9.625in Casing Surface	25.00	1761.00	1736.00	43.00	1774.89	-2390.92	-3759.14	-2377.99	-3746.81
8.5in Open Hole	1771.00	15315.00	13544.00	1784.74	7099.37	-2377.63	-3746.42	-2136.64	-1004.35

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD 23N-22C-M AWB** Offset Wellpath: **HOOD 23N-22C-M AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1712.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<109-1712>	HOOD 23N-22C-M AWB
1712.00	15291.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1794-15291>	HOOD 23N-22C-M AWB
15291.00	15315.00	Blind Drilling (std)	Projection to bit	HOOD 23N-22C-M AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD 23N-22C-M AWB** Offset Wellpath: **HOOD 23N-22C-M AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 169 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD 23C-22-M AWB** Offset Wellpath: **HOOD 23C-22-M AWP**

Facility: SEC.20-T06N-R66W Slot: SLOT#07 HOOD 23C-22-M (585'FSL & 1122'FEL SEC.20) Well: HOOD 23C-22-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	7.00	25.00	-4002.72	-6166.09	-122.99	7351.36	25.57	298.77	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD 23C-22-M AWB** Offset Wellpath: **HOOD 23C-22-M AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD 23C-22-M AWB** Offset Wellpath: **HOOD 23C-22-M AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1761.00	1736.00	43.00	1777.45	-2439.59	-3759.15	-2431.89	-3752.40
9.625in Casing Surface	25.00	1761.00	1736.00	43.00	1777.45	-2439.59	-3759.15	-2431.89	-3752.40
8.5in Open Hole	1761.00	15425.00	13664.00	1777.45	7204.69	-2431.89	-3752.40	-2222.82	-1003.90

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD 23C-22-M AWB** Offset Wellpath: **HOOD 23C-22-M AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1712.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<109-1712>	HOOD 23C-22-M AWB
1712.00	15401.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5 (IFR, SHORT, ROCKIES GT)<1793-15401>	HOOD 23C-22-M AWB
15401.00	15425.00	Blind Drilling (std)	Projection to bit	HOOD 23C-22-M AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD 23C-22-M AWB** Offset Wellpath: **HOOD 23C-22-M AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 170 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 41C-23-L AWB Offset Wellpath: LEFFLER 41C-23-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#07 LEFFLER 41C-23-L (1921'FNL & 275'FEL SEC.21) Well: LEFFLER 41C-23-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	21.00	25.00	-1123.57	-24.76	-178.74	1123.85	1.26	3742.94	PASS	
125.00†	125.00	0.00	0.00	109.05	113.05	-1124.03	-24.20	-178.77	1124.36	2.07	1182.38	PASS	
225.00†	225.00	0.00	0.00	213.94	217.92	-1124.98	-22.82	-178.84	1125.23	2.74	698.17	PASS	
300.00	300.00	0.00	0.00	293.56	297.54	-1125.32	-22.76	-178.84	1125.55	3.28	522.59	PASS	
325.00†	325.00	0.02	0.11	319.66	323.64	-1125.35	-23.00	100.84	1125.61	3.49	476.44	PASS	
425.00†	424.96	0.46	2.69	420.12	424.09	-1125.32	-24.30	101.03	1126.10	4.22	363.66	PASS	
525.00†	524.77	1.48	8.71	514.45	518.38	-1125.55	-27.01	101.42	1127.61	4.84	302.91	PASS	
625.00†	624.30	3.09	18.15	617.44	621.27	-1126.02	-31.38	102.08	1130.20	5.54	255.50	PASS	
660.88	659.93	3.81	22.38	657.93	661.72	-1125.95	-33.30	102.40	1131.14	5.82	240.78	PASS	
725.00†	723.54	5.16	30.32	733.49	737.19	-1125.24	-36.91	103.05	1132.49	6.35	216.64	PASS	
825.00†	822.75	7.27	42.70	876.65	880.03	-1120.21	-44.89	104.35	1132.33	7.49	177.75	PASS	
925.00†	921.95	9.38	55.09	999.17	1002.08	-1111.93	-51.62	105.48	1129.22	8.55	151.99	PASS	
1025.00†	1021.16	11.49	67.48	1117.74	1120.10	-1101.80	-56.74	106.52	1124.56	9.42	135.46	PASS	
1125.00†	1120.37	13.60	79.86	1211.04	1212.95	-1093.34	-60.30	107.33	1119.61	10.20	123.25	PASS	
1225.00†	1219.58	15.71	92.25	1301.99	1303.47	-1085.59	-64.32	108.14	1115.53	10.94	113.54	PASS	
1325.00†	1318.78	17.82	104.63	1395.38	1396.44	-1078.06	-68.97	109.01	1112.26	11.73	104.75	PASS	
1425.00†	1417.99	19.93	117.02	1491.99	1492.65	-1070.62	-73.88	109.91	1109.64	12.43	98.05	PASS	
1525.00†	1517.20	22.04	129.40	1594.11	1594.36	-1062.69	-78.30	110.83	1107.13	13.32	90.70	PASS	
1625.00†	1616.41	24.15	141.79	1694.44	1694.27	-1054.63	-82.72	111.74	1104.64	14.14	84.77	PASS	
1725.00†	1715.61	26.25	154.17	1794.73	1794.13	-1046.36	-87.09	112.66	1102.21	14.86	80.19	PASS	
1825.00†	1814.82	28.36	166.56	1888.61	1887.60	-1038.72	-91.32	113.52	1100.22	14.78	78.13	PASS	
1925.00†	1914.03	30.47	178.95	1982.97	1981.59	-1031.48	-95.30	114.38	1098.88	14.89	77.43	PASS	
2025.00†	2013.24	32.58	191.33	2067.38	2065.71	-1025.68	-99.26	115.16	1098.69	15.07	76.45	PASS	
2125.00†	2112.44	34.69	203.72	2160.79	2158.79	-1019.86	-104.59	116.06	1099.67	15.34	75.09	PASS	
2225.00†	2211.65	36.80	216.10	2272.24	2269.80	-1012.50	-111.10	117.14	1100.67	15.71	73.32	PASS	
2325.00†	2310.86	38.91	228.49	2380.09	2377.23	-1004.24	-115.90	118.13	1100.53	16.15	71.25	PASS	
2425.00†	2410.07	41.02	240.87	2465.68	2462.55	-998.21	-118.81	118.87	1100.96	16.60	69.24	PASS	
2525.00†	2509.28	43.13	253.26	2546.05	2542.69	-993.54	-122.76	119.60	1103.26	17.10	67.25	PASS	
2625.00†	2608.48	45.24	265.64	2638.88	2635.21	-988.93	-128.77	120.49	1107.15	17.69	65.16	PASS	
2725.00†	2707.69	47.35	278.03	2749.46	2745.39	-982.72	-135.78	121.56	1110.71	18.36	62.90	PASS	
2825.00†	2806.90	49.46	290.41	2838.93	2834.56	-977.50	-140.95	122.39	1114.22	18.99	60.92	PASS	
2925.00†	2906.11	51.56	302.80	2917.57	2912.95	-973.95	-146.03	123.13	1119.45	19.62	59.16	PASS	
3025.00†	3005.31	53.67	315.19	2999.66	2994.77	-971.48	-152.19	123.91	1126.72	20.30	57.47	PASS	
3125.00†	3104.52	55.78	327.57	3104.41	3099.12	-968.64	-160.94	124.92	1134.95	21.10	55.63	PASS	
3225.00†	3203.73	57.89	339.96	3252.28	3246.26	-960.35	-172.69	126.39	1140.81	22.15	53.17	PASS	
3325.00†	3302.94	60.00	352.34	3405.20	3398.40	-946.75	-179.78	127.78	1142.72	23.26	50.64	PASS	
3425.00†	3402.14	62.11	364.73	3536.18	3528.58	-932.45	-180.13	128.79	1141.05	24.27	48.39	PASS	
3525.00†	3501.35	64.22	377.11	3656.86	3648.31	-918.35	-174.70	129.49	1136.46	25.22	46.33	PASS	
3625.00†	3600.56	66.33	389.50	3737.28	3728.11	-909.97	-169.38	129.86	1132.16	26.03	44.68	PASS	
3725.00†	3699.77	68.44	401.88	3809.74	3800.18	-904.09	-164.87	130.16	1130.09	26.71	43.44	PASS	
3825.00†	3798.97	70.55	414.27	3893.52	3883.71	-898.76	-161.09	130.54	1130.39	27.72	41.83	PASS	
3925.00†	3898.18	72.66	426.65	3987.62	3977.53	-892.13	-158.42	131.06	1131.12	28.62	40.50	PASS	
4025.00†	3997.39	74.76	439.04	4067.18	4056.91	-886.76	-157.67	131.55	1133.19	29.45	39.40	PASS	
4125.00†	4096.60	76.87	451.43	4142.46	4132.11	-883.22	-157.41	131.99	1137.42	30.28	38.45	PASS	
4225.00†	4195.80	78.98	463.81	4219.08	4208.71	-881.61	-156.89	132.37	1143.75	31.11	37.59	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 171 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 41C-23-L AWB Offset Wellpath: LEFFLER 41C-23-L AWB

Facility: SEC.21-T06N-R66W Slot: SLOT#07 LEFFLER 41C-23-L (1921'FNL & 275'FEL SEC.21) Well: LEFFLER 41C-23-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4293.09	4282.71	-881.65	-156.79	132.70	1152.26	31.93	36.88	PASS	
4425.00†	4394.22	83.20	488.58	4371.74	4361.34	-882.69	-158.02	133.09	1162.81	32.74	36.28	PASS	
4525.00†	4493.43	85.31	500.97	4476.68	4466.01	-881.70	-164.70	133.86	1174.30	33.84	35.43	PASS	
4625.00†	4592.64	87.42	513.35	4579.93	4568.43	-876.15	-176.51	134.93	1185.31	35.16	34.38	PASS	
4725.00†	4691.84	89.53	525.74	4684.67	4672.14	-869.08	-189.31	136.07	1196.09	36.12	33.76	PASS	
4825.00†	4791.05	91.64	538.12	4787.93	4774.06	-860.41	-203.44	137.28	1206.90	37.08	33.16	PASS	
4925.00†	4890.26	93.75	550.51	4914.64	4898.78	-847.00	-221.35	138.84	1216.90	38.20	32.44	PASS	
5025.00†	4989.47	95.86	562.89	5080.07	5062.07	-825.96	-237.10	140.67	1222.71	39.56	31.45	PASS	
5125.00†	5088.67	97.97	575.28	5193.63	5174.59	-811.57	-242.14	141.70	1225.90	40.61	30.70	PASS	
5225.00†	5187.88	100.07	587.67	5255.29	5235.86	-805.09	-244.26	142.20	1230.34	41.41	30.21	PASS	
5325.00†	5287.09	102.18	600.05	5332.27	5312.55	-799.24	-247.68	142.78	1237.68	42.29	29.75	PASS	
5425.00†	5386.30	104.29	612.44	5440.66	5420.46	-790.72	-253.26	143.61	1245.65	43.34	29.21	PASS	
5525.00†	5485.50	106.40	624.82	5549.50	5528.66	-780.35	-258.90	144.50	1252.66	44.37	28.67	PASS	
5625.00†	5584.71	108.51	637.21	5670.29	5648.71	-767.92	-263.41	145.44	1258.31	45.47	28.09	PASS	
5725.00†	5683.92	110.62	649.59	5753.09	5730.98	-759.13	-266.76	146.10	1264.27	46.39	27.66	PASS	
5825.00†	5783.13	112.73	661.98	5830.28	5807.67	-751.46	-270.96	146.72	1271.93	47.26	27.31	PASS	
5925.00†	5882.33	114.84	674.36	5905.72	5882.73	-745.39	-275.54	147.29	1281.52	48.12	27.02	PASS	
6025.00†	5981.54	116.95	686.75	6015.94	5992.55	-738.17	-281.54	148.04	1291.88	49.18	26.64	PASS	
6125.00†	6080.75	119.06	699.13	6133.39	6109.57	-729.53	-286.50	148.82	1300.93	50.29	26.22	PASS	
6225.00†	6179.96	121.17	711.52	6201.28	6176.53	-719.85	-291.85	149.61	1310.45	51.43	25.82	PASS	
6325.00†	6279.17	123.27	723.91	6303.00	6278.49	-710.35	-300.00	150.41	1320.45	52.61	25.43	PASS	
6425.00†	6378.37	125.38	736.29	6405.59	6382.44	-701.00	-308.33	151.22	1330.93	53.82	25.05	PASS	
6525.00†	6477.57	127.49	748.67	6508.18	6486.44	-691.81	-316.84	152.04	1341.93	55.05	24.68	PASS	
6625.00†	6576.77	129.60	761.05	6610.77	6588.44	-682.77	-325.54	152.87	1353.43	56.30	24.32	PASS	
6725.00†	6675.97	131.71	773.43	6713.36	6690.44	-673.84	-334.44	153.71	1365.43	57.56	23.97	PASS	
6825.00†	6775.17	133.82	785.81	6815.95	6792.44	-665.00	-343.54	154.56	1377.93	58.83	23.63	PASS	
6925.00†	6874.37	135.93	798.19	6918.54	6894.44	-656.31	-352.84	155.41	1390.93	60.11	23.30	PASS	
7025.00†	6973.57	138.04	810.57	7021.13	6996.44	-647.77	-362.33	156.27	1404.43	61.40	22.98	PASS	
7125.00†	7072.77	140.15	822.95	7123.72	7098.44	-639.33	-371.93	157.14	1418.43	62.70	22.67	PASS	
7225.00†	7171.97	142.26	835.33	7226.31	7199.44	-630.93	-381.64	158.01	1432.93	64.01	22.37	PASS	
7325.00†	7271.17	144.37	847.71	7328.90	7301.44	-622.64	-391.54	158.89	1447.93	65.32	22.08	PASS	
7425.00†	7370.37	146.48	860.09	7431.49	7403.44	-614.44	-401.64	159.77	1463.43	66.64	21.79	PASS	
7511.52	7097.00	123.50	100.71	7395.06	7183.44	-707.19	107.08	-95.95	835.20	79.80	10.55	PASS	
7525.00†	7096.91	123.18	87.23	7377.94	7178.82	-707.75	90.62	-95.64	834.97	79.82	10.55	PASS	
7625.00†	7096.26	120.81	-12.74	7283.77	7141.54	-711.12	4.38	-93.12	833.33	80.86	10.39	PASS	
7725.00†	7095.61	118.43	-112.71	7044.09	6988.58	-700.65	-177.22	-82.58	828.56	79.60	10.49	PASS	
7825.00†	7094.96	116.05	-212.68	6995.35	6949.22	-693.45	-205.00	-79.80	822.56	82.30	10.07	PASS	
7842.50†	7094.85	115.64	-230.18	6987.11	6942.29	-692.26	-209.30	-79.31	822.44	82.77	10.01	PASS	
7925.00†	7094.31	113.68	-312.65	6962.94	6921.58	-688.90	-221.31	-77.85	826.02	84.96	9.80	PASS	
8025.00†	7093.66	111.30	-412.62	6937.28	6899.02	-685.69	-233.09	-76.27	839.82	87.32	9.69	PASS	
8041.83†	7093.55	110.90	-429.45	6933.37	6895.53	-685.23	-234.80	-76.03	843.16	87.69	9.69	PASS	
8125.00†	7093.01	108.92	-512.59	6915.50	6879.43	-683.24	-242.29	-74.91	863.82	89.27	9.75	PASS	
8225.00†	7092.36	106.55	-612.56	6896.84	6862.36	-681.34	-249.57	-73.74	897.46	90.76	9.96	PASS	
8325.00†	7091.70	104.17	-712.53	6881.76	6848.39	-680.02	-255.11	-72.79	939.89	91.80	10.31	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 172 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 41C-23-L AWB Offset Wellpath: LEFFLER 41C-23-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#07 LEFFLER 41C-23-L (1921'FNL & 275'FEL SEC.21) Well: LEFFLER 41C-23-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
8425.00†	7091.05	101.79	-812.50	6867.98	6835.52	-679.02	-259.93	-71.93	990.10	92.44	10.79	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: LEFFLER 41C-23-L AWB Offset Wellpath: LEFFLER 41C-23-L AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: LEFFLER 41C-23-L AWB Offset Wellpath: LEFFLER 41C-23-L AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1796.00	1771.00	29.00	1795.39	-684.93	-15.09	-661.36	-34.11

WELLPATH COMPOSITION - Offset Wellbore: LEFFLER 41C-23-L AWB Offset Wellpath: LEFFLER 41C-23-L AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1736.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<112-1736>	LEFFLER 41C-23-L AWB
1736.00	17813.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1840-17813>	LEFFLER 41C-23-L AWB
17813.00	17837.00	Blind Drilling (std)	Projection to bit	LEFFLER 41C-23-L AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: LEFFLER 41C-23-L AWB Offset Wellpath: LEFFLER 41C-23-L AWP

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 173 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD 23N-22B-M AWB** Offset Wellpath: **HOOD 23N-22B-M AWP**

Facility: SEC.20-T06N-R66W Slot: SLOT#08 HOOD 23N-22B-M (565'FSL & 1122'FEL SEC.20) Well: HOOD 23N-22B-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	7.00	25.00	-4022.76	-6166.10	-123.12	7362.30	25.57	299.22	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD 23N-22B-M AWB** Offset Wellpath: **HOOD 23N-22B-M AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD 23N-22B-M AWB** Offset Wellpath: **HOOD 23N-22B-M AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1750.00	1725.00	43.00	1765.40	-2451.81	-3759.16	-2440.93	-3746.94
9.625in Casing Surface	25.00	1762.00	1737.00	43.00	1777.26	-2451.81	-3759.16	-2440.59	-3746.50
8.5in Open Hole	1750.00	15230.00	13480.00	1765.40	7026.37	-2440.93	-3746.94	-2286.04	-1009.09

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD 23N-22B-M AWB** Offset Wellpath: **HOOD 23N-22B-M AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1712.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<108-1712>	HOOD 23N-22B-M AWB
1712.00	15206.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1792-15206>	HOOD 23N-22B-M AWB
15206.00	15230.00	Blind Drilling (std)	Projection to bit	HOOD 23N-22B-M AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD 23N-22B-M AWB** Offset Wellpath: **HOOD 23N-22B-M AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 174 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: HAROLD "B" #1 AWB Offset Wellpath: HAROLD "B" #1 AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#01 EX:HAROLD "B" #1 (1980'FSL & 1790'FWL SEC.21, PR, 7275'MD) Well: HAROLD "B" #1 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	-7.00	25.00	-2548.91	-3264.14	-127.99	4141.44	25.57	168.30	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: HAROLD "B" #1 AWB Offset Wellpath: HAROLD "B" #1 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: HAROLD "B" #1 AWB Offset Wellpath: HAROLD "B" #1 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12in Open Hole	0.00	302.00	302.00	7.00	308.97	-1553.68	-1989.92	-1552.98	-1990.85
9.625in Casing Surface	0.00	302.00	302.00	7.00	308.97	-1553.68	-1989.92	-1552.98	-1990.85
7.875in Open Hole	302.00	7263.00	6961.00	308.97	7268.90	-1552.98	-1990.85	-1562.07	-2015.19
4.5in Casing Production	0.00	7263.00	7263.00	7.00	7268.90	-1553.68	-1989.92	-1562.07	-2015.19

WELLPATH COMPOSITION - Offset Wellbore: HAROLD "B" #1 AWB Offset Wellpath: HAROLD "B" #1 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7050.00	VESSI GyroFlex v4	VES GYRO SURVEYS FROM SYNERGY, ADJ FROM GRID TO TRUE <100-7050>	HAROLD "B" #1 AWB
7050.00	7275.00	Drift Indicator - Inclination Only (Actual Survey)	DRIFT INDICATOR TO TD <7275' FROM CO WEBSITE>	HAROLD "B" #1 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: HAROLD "B" #1 AWB Offset Wellpath: HAROLD "B" #1 AWP

MD Reference: Rig on SLOT#01 EX:HAROLD "B" #1 (1980'FSL & 1790'FWL SEC.21, PR, 7275'MD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
**DONN 4N-20C-L PWP (REV-B.0)**  
**Closest Approach**  
Page 175 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD 14N-22A-M OWB AWB** Offset Wellpath: **HOOD 14N-22A-M OWB AWP**

Facility: SEC.20-T06N-R66W Slot: SLOT#09 HOOD 14N-22A-M (545'FSL & 1122'FEL SEC.20) Well: HOOD 14N-22A-M Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	7.00	25.00	-4042.78	-6166.12	-123.25	7373.27	25.57	299.66	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD 14N-22A-M OWB AWB** Offset Wellpath: **HOOD 14N-22A-M OWB AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD 14N-22A-M OWB AWB** Offset Wellpath: **HOOD 14N-22A-M OWB AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1766.00	1741.00	43.00	1780.11	-2464.01	-3759.17	-2453.55	-3740.82
9.625in Casing Surface	25.00	1763.00	1738.00	43.00	1777.13	-2464.01	-3759.17	-2453.56	-3740.93
8.5in Open Hole	1766.00	11901.00	10135.00	1780.11	6868.87	-2453.55	-3740.82	-2333.85	-1976.88

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD 14N-22A-M OWB AWB** Offset Wellpath: **HOOD 14N-22A-M OWB AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1705.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<108-1705>	HOOD 14N-22A-M OWB AWB
1705.00	11901.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1792-11901>	HOOD 14N-22A-M OWB AWB
11901.00	11923.00	Blind Drilling (std)	Projection to bit	HOOD 14N-22A-M OWB AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD 14N-22A-M OWB AWB** Offset Wellpath: **HOOD 14N-22A-M OWB AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 176 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD 14N-22A-M S.T.#01 AWB** Offset Wellpath: **HOOD 14N-22A-M S.T.#01 AWP**

Facility: SEC.20-T06N-R66W		Slot: SLOT#09 HOOD 14N-22A-M (545'FSL & 1122'FEL SEC.20)		Well: HOOD 14N-22A-M		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	7.00	25.00	-4042.78	-6166.12	-123.25	7373.27	25.57	299.66	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD 14N-22A-M S.T.#01 AWB** Offset Wellpath: **HOOD 14N-22A-M S.T.#01 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD 14N-22A-M S.T.#01 AWB** Offset Wellpath: **HOOD 14N-22A-M S.T.#01 AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1766.00	1741.00	43.00	1780.11	-2464.01	-3759.17	-2453.55	-3740.82
9.625in Casing Surface	25.00	1763.00	1738.00	43.00	1777.13	-2464.01	-3759.17	-2453.56	-3740.93
8.5in Open Hole	1766.00	9486.00	7720.00	1780.11	6931.21	-2453.55	-3740.82	-2352.33	-2712.21
8.5in Open Hole	9486.00	15085.00	5599.00	6931.21	6934.12	-2352.33	-2712.21	-2350.07	-1007.93

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD 14N-22A-M S.T.#01 AWB** Offset Wellpath: **HOOD 14N-22A-M S.T.#01 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1705.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<108-1705>	HOOD 14N-22A-M OWB AWB
1705.00	9486.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1792-11901>	HOOD 14N-22A-M OWB AWB
9486.00	9666.00	Custom BHI NaviTrak (Standard Rotating) (Rockies 0.03Gt model)	BHI NAVITRAK 8.5" (STD ROTATING, ROCKIES GT)<9577-9666>	HOOD 14N-22A-M S.T.#01 AWB
9666.00	15061.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<9754-15061>	HOOD 14N-22A-M S.T.#01 AWB
15061.00	15085.00	Blind Drilling (std)	Projection to bit	HOOD 14N-22A-M S.T.#01 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD 14N-22A-M S.T.#01 AWB** Offset Wellpath: **HOOD 14N-22A-M S.T.#01 AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 177 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD 14N-22B-M AWB** Offset Wellpath: **HOOD 14N-22B-M AWP**

Facility: SEC.20-T06N-R66W Slot: SLOTS#10 HOOD 14N-22B-M (525'FSL & 1122'FEL SEC.20) Well: HOOD 14N-22B-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	7.00	25.00	-4062.84	-6165.88	-123.38	7384.08	25.57	300.10	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD 14N-22B-M AWB** Offset Wellpath: **HOOD 14N-22B-M AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD 14N-22B-M AWB** Offset Wellpath: **HOOD 14N-22B-M AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1760.00	1735.00	43.00	1774.17	-2476.23	-3759.03	-2474.90	-3734.37
9.625in Casing Surface	25.00	1774.00	1749.00	43.00	1788.10	-2476.23	-3759.03	-2474.85	-3733.95
8.5in Open Hole	1760.00	15173.00	13413.00	1774.17	7025.97	-2474.90	-3734.37	-2430.51	-1011.11

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD 14N-22B-M AWB** Offset Wellpath: **HOOD 14N-22B-M AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1720.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<108-1720>	HOOD 14N-22B-M AWB
1720.00	15149.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1792-15149>	HOOD 14N-22B-M AWB
15149.00	15173.00	Blind Drilling (std)	Projection to bit	HOOD 14N-22B-M AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD 14N-22B-M AWB** Offset Wellpath: **HOOD 14N-22B-M AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 178 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD 36C-22-M AWB** Offset Wellpath: **HOOD 36C-22-M AWP**

Facility: SEC.20-T06N-R66W Slot: SLOT#11 HOOD 36C-22-M (505'FSL & 1122'FEL SEC.20) Well: HOOD 36C-22-M Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	7.00	25.00	-4082.87	-6165.88	-123.51	7395.13	25.57	300.55	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD 36C-22-M AWB** Offset Wellpath: **HOOD 36C-22-M AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD 36C-22-M AWB** Offset Wellpath: **HOOD 36C-22-M AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1765.00	1740.00	43.00	1778.19	-2488.45	-3759.03	-2493.31	-3727.95
9.625in Casing Surface	25.00	1779.00	1754.00	43.00	1792.13	-2488.45	-3759.03	-2493.37	-3727.53
8.5in Open Hole	1765.00	15339.00	13574.00	1778.19	7212.20	-2493.31	-3727.95	-2518.99	-1007.02

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD 36C-22-M AWB** Offset Wellpath: **HOOD 36C-22-M AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1725.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<108-1725>	HOOD 36C-22-M AWB
1725.00	15315.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1793-15315>	HOOD 36C-22-M AWB
15315.00	15339.00	Blind Drilling (std)	Projection to bit	HOOD 36C-22-M AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD 36C-22-M AWB** Offset Wellpath: **HOOD 36C-22-M AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 179 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 8N-23A-L AWB Offset Wellpath: LEFFLER 8N-23A-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#08 LEFFLER 8N-23A-L (1941'FNL & 275'FEL SEC.21) Well: LEFFLER 8N-23A-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	21.00	25.00	-1143.61	-24.76	-178.76	1143.88	1.26	3809.72	PASS	
125.00†	125.00	0.00	0.00	129.13	133.12	-1143.16	-23.77	-178.81	1143.44	2.10	1168.98	PASS	
225.00†	225.00	0.00	0.00	222.13	226.12	-1142.74	-22.48	-178.87	1142.96	2.70	725.52	PASS	
300.00	300.00	0.00	0.00	285.75	289.73	-1143.01	-21.64	-178.92	1143.26	3.14	566.20	PASS	
325.00†	325.00	0.02	0.11	309.11	313.09	-1143.25	-21.34	100.73	1143.53	3.31	522.29	PASS	
425.00†	424.96	0.46	2.69	412.66	416.62	-1144.38	-21.17	100.83	1145.12	4.03	394.42	PASS	
525.00†	524.77	1.48	8.71	524.17	528.13	-1144.36	-21.69	101.16	1146.26	4.69	321.18	PASS	
625.00†	624.30	3.09	18.15	614.57	618.51	-1144.24	-23.58	101.64	1148.10	5.42	266.99	PASS	
660.88	659.93	3.81	22.38	644.64	648.56	-1144.42	-24.78	101.85	1149.25	5.69	251.29	PASS	
725.00†	723.54	5.16	30.32	706.79	710.64	-1144.97	-27.67	102.38	1151.67	6.26	224.05	PASS	
825.00†	822.75	7.27	42.70	809.94	813.67	-1145.74	-32.46	103.24	1155.49	7.08	193.69	PASS	
925.00†	921.95	9.38	55.09	912.45	916.02	-1145.96	-38.11	104.13	1159.11	7.85	172.11	PASS	
1025.00†	1021.16	11.49	67.48	1041.56	1044.88	-1144.17	-45.89	105.29	1161.45	8.79	151.39	PASS	
1125.00†	1120.37	13.60	79.86	1169.38	1172.46	-1139.68	-52.42	106.40	1162.01	9.77	134.30	PASS	
1225.00†	1219.58	15.71	92.25	1281.95	1284.68	-1133.04	-58.08	107.38	1160.37	10.74	120.61	PASS	
1325.00†	1318.78	17.82	104.63	1385.24	1387.59	-1126.16	-63.65	108.31	1158.34	11.54	111.08	PASS	
1425.00†	1417.99	19.93	117.02	1475.94	1477.98	-1120.37	-68.58	109.12	1156.86	12.32	103.22	PASS	
1525.00†	1517.20	22.04	129.40	1578.17	1579.87	-1114.01	-73.81	110.03	1155.77	13.13	96.20	PASS	
1625.00†	1616.41	24.15	141.79	1679.79	1681.15	-1107.31	-78.84	110.93	1154.58	13.95	89.96	PASS	
1725.00†	1715.61	26.25	154.17	1779.46	1780.51	-1100.77	-83.03	111.77	1153.54	14.69	84.97	PASS	
1825.00†	1814.82	28.36	166.56	1877.23	1878.01	-1094.41	-86.72	112.58	1152.72	14.68	82.44	PASS	
1925.00†	1914.03	30.47	178.95	1978.52	1978.99	-1087.69	-90.67	113.43	1152.04	14.79	81.75	PASS	
2025.00†	2013.24	32.58	191.33	2066.01	2066.21	-1082.06	-94.77	114.19	1152.00	14.96	80.76	PASS	
2125.00†	2112.44	34.69	203.72	2158.42	2158.32	-1076.65	-99.73	115.02	1152.94	15.22	79.40	PASS	
2225.00†	2211.65	36.80	216.10	2248.81	2248.45	-1071.92	-104.70	115.83	1154.79	15.53	77.86	PASS	
2325.00†	2310.86	38.91	228.49	2349.49	2348.87	-1066.97	-110.13	116.72	1157.19	15.93	76.00	PASS	
2425.00†	2410.07	41.02	240.87	2455.02	2454.10	-1061.28	-115.52	117.64	1159.31	16.39	73.86	PASS	
2525.00†	2509.28	43.13	253.26	2550.57	2549.38	-1055.93	-120.36	118.47	1161.52	16.90	71.70	PASS	
2625.00†	2608.48	45.24	265.64	2641.37	2639.92	-1051.28	-125.27	119.26	1164.53	17.44	69.57	PASS	
2725.00†	2707.69	47.35	278.03	2729.08	2727.40	-1047.27	-130.44	120.04	1168.51	18.02	67.48	PASS	
2825.00†	2806.90	49.46	290.41	2821.56	2819.61	-1043.82	-136.48	120.86	1173.73	18.65	65.38	PASS	
2925.00†	2906.11	51.56	302.80	2943.42	2941.13	-1038.56	-143.86	121.92	1178.60	19.43	62.91	PASS	
3025.00†	3005.31	53.67	315.19	3052.06	3049.46	-1032.26	-149.14	122.83	1181.86	20.22	60.53	PASS	
3125.00†	3104.52	55.78	327.57	3146.28	3143.41	-1026.72	-153.63	123.62	1185.28	20.96	58.49	PASS	
3225.00†	3203.73	57.89	339.96	3244.18	3241.04	-1021.20	-158.26	124.42	1189.14	21.73	56.52	PASS	
3325.00†	3302.94	60.00	352.34	3341.27	3337.88	-1015.72	-162.80	125.21	1193.21	22.53	54.65	PASS	
3425.00†	3402.14	62.11	364.73	3433.24	3429.60	-1010.89	-167.40	125.96	1198.02	23.33	52.94	PASS	
3525.00†	3501.35	64.22	377.11	3551.52	3547.56	-1004.50	-173.19	126.91	1202.96	24.26	51.06	PASS	
3625.00†	3600.56	66.33	389.50	3665.72	3661.43	-996.55	-176.70	127.78	1205.82	25.22	49.16	PASS	
3725.00†	3699.77	68.44	401.88	3742.54	3738.02	-991.39	-179.44	128.37	1209.40	26.02	47.75	PASS	
3825.00†	3798.97	70.55	414.27	3819.97	3815.24	-987.20	-183.46	128.99	1215.07	26.84	46.48	PASS	
3925.00†	3898.18	72.66	426.65	3916.39	3911.38	-982.84	-189.34	129.77	1222.17	27.76	45.16	PASS	
4025.00†	3997.39	74.76	439.04	4014.16	4008.87	-978.17	-195.06	130.55	1229.18	28.67	43.94	PASS	
4125.00†	4096.60	76.87	451.43	4108.66	4103.10	-973.86	-200.81	131.30	1236.72	29.56	42.83	PASS	
4225.00†	4195.80	78.98	463.81	4211.82	4205.97	-969.21	-206.97	132.10	1244.49	30.51	41.73	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 180 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: LEFFLER 8N-23A-L AWB Offset Wellpath: LEFFLER 8N-23A-L AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#08 LEFFLER 8N-23A-L (1941'FNL & 275'FEL SEC.21) Well: LEFFLER 8N-23A-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
4325.00†	4295.01	81.09	476.20	4315.06	4308.91	-964.10	-212.91	132.89	1251.99	31.47	40.67	PASS	
4425.00†	4394.22	83.20	488.58	4414.97	4408.54	-959.24	-218.56	133.65	1259.73	32.43	39.69	PASS	
4525.00†	4493.43	85.31	500.97	4538.14	4531.37	-952.04	-224.36	134.55	1266.34	33.52	38.58	PASS	
4625.00†	4592.64	87.42	513.35	4633.81	4626.76	-945.84	-228.03	135.23	1272.17	34.47	37.66	PASS	
4725.00†	4691.84	89.53	525.74	4720.60	4713.31	-940.65	-231.93	135.85	1278.98	35.37	36.87	PASS	
4825.00†	4791.05	91.64	538.12	4817.39	4809.81	-935.15	-237.00	136.56	1286.65	36.34	36.09	PASS	
4925.00†	4890.26	93.75	550.51	4953.31	4945.32	-926.26	-242.30	137.50	1293.06	37.52	35.11	PASS	
5025.00†	4989.47	95.86	562.89	5060.96	5052.65	-918.18	-244.44	138.20	1297.71	38.56	34.27	PASS	
5125.00†	5088.67	97.97	575.28	5158.35	5149.75	-910.91	-245.99	138.81	1302.32	39.53	33.52	PASS	
5225.00†	5187.88	100.07	587.67	5244.17	5235.32	-904.59	-247.85	139.36	1307.55	40.46	32.88	PASS	
5325.00†	5287.09	102.18	600.05	5323.16	5314.08	-899.23	-250.72	139.89	1314.30	41.35	32.32	PASS	
5425.00†	5386.30	104.29	612.44	5405.48	5396.15	-894.36	-254.79	140.45	1322.68	42.26	31.81	PASS	
5525.00†	5485.50	106.40	624.82	5494.78	5485.19	-889.65	-259.62	141.04	1332.05	43.21	31.32	PASS	
5625.00†	5584.71	108.51	637.21	5585.48	5575.65	-885.46	-264.90	141.64	1342.33	44.16	30.88	PASS	
5725.00†	5683.92	110.62	649.59	5682.69	5672.58	-881.07	-270.73	142.27	1352.99	45.15	30.43	PASS	
5825.00†	5783.13	112.73	661.98	5782.53	5772.13	-876.58	-276.83	142.91	1363.89	46.16	29.99	PASS	
5925.00†	5882.33	114.84	674.36	5884.28	5873.59	-871.73	-282.88	143.56	1374.67	47.18	29.56	PASS	
6025.00†	5981.54	116.95	686.75	5981.84	5971.35	-867.48	-288.74	144.18	1385.44	48.18	29.13	PASS	
6125.00†	6080.75	119.06	699.13	6079.05	6068.36	-863.23	-294.60	144.79	1396.21	49.18	28.70	PASS	
6225.00†	6179.96	121.17	711.52	6176.26	6165.37	-859.00	-300.46	145.39	1406.98	50.18	28.27	PASS	
6325.00†	6279.17	123.27	723.91	6272.47	6261.38	-854.77	-306.32	145.99	1417.75	51.18	27.84	PASS	
6425.00†	6378.37	125.38	736.29	6370.68	6359.39	-850.54	-312.18	146.59	1428.52	52.18	27.41	PASS	
6428.02	6381.37	125.45	736.66	6373.68	6362.39	-850.37	-312.36	146.66	1429.29	52.25	27.41	PASS	
6525.00†	6478.12	127.33	741.32	6471.85	6460.36	-846.14	-318.22	147.26	1439.99	53.25	26.98	PASS	
6625.00†	6577.44	128.90	730.68	6572.83	6561.34	-841.91	-324.08	147.83	1450.69	54.25	26.55	PASS	
6725.00†	6673.88	130.05	704.65	6672.03	6661.04	-837.68	-329.94	148.40	1461.39	55.25	26.12	PASS	
6825.00†	6765.06	130.75	663.85	6762.80	6751.31	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
6871.61†	6805.13	130.92	640.06	6765.29	6753.80	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
6925.00†	6848.75	130.99	609.29	6762.04	6750.55	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
6995.47†	6902.09	130.88	563.30	6753.48	6741.99	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
7025.00†	6922.87	130.76	542.32	6755.49	6743.50	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
7125.00†	6985.61	130.07	464.59	6741.16	6729.67	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
7225.00†	7035.42	128.94	378.00	6735.91	6724.42	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
7325.00†	7071.07	127.38	284.70	6723.91	6712.42	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
7425.00†	7091.69	125.45	186.97	6710.40	6698.91	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
7511.52	7097.00	123.50	100.71	7082.74	7071.25	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
7525.00†	7096.91	123.18	87.23	7064.37	7052.88	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
7625.00†	7096.26	120.81	-12.74	6951.60	6940.11	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
7725.00†	7095.61	118.43	-112.71	6894.01	6882.52	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
7825.00†	7094.96	116.05	-212.68	6852.61	6841.12	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	
7925.00†	7094.31	113.68	-312.65	6815.72	6804.23	-833.45	-335.80	148.97	1472.09	56.25	25.69	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 181 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**POSITIONAL UNCERTAINTY - Offset Wellbore: LEFFLER 8N-23A-L AWB Offset Wellpath: LEFFLER 8N-23A-L AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS - Offset Wellbore: LEFFLER 8N-23A-L AWB Offset Wellpath: LEFFLER 8N-23A-L AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1801.00	1776.00	29.00	1801.99	-697.15	-15.09	-683.66	-33.11

**WELLPATH COMPOSITION - Offset Wellbore: LEFFLER 8N-23A-L AWB Offset Wellpath: LEFFLER 8N-23A-L AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1739.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<112-1739>	LEFFLER 8N-23A-L AWB
1739.00	17504.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1884-17504>	LEFFLER 8N-23A-L AWB
17504.00	17528.00	Blind Drilling (std)	Projection to bit	LEFFLER 8N-23A-L AWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: LEFFLER 8N-23A-L AWB Offset Wellpath: LEFFLER 8N-23A-L AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 182 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **HOOD 36N-22C-M AWB** Offset Wellpath: **HOOD 36N-22C-M AWP**

Facility: SEC.20-T06N-R66W Slot: SLOT#12 HOOD 36N-22C-M (485'FSL & 1122'FEL SEC.20) Well: HOOD 36N-22C-M Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	7.00	25.00	-4102.91	-6165.89	-123.64	7406.22	25.57	301.00	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **HOOD 36N-22C-M AWB** Offset Wellpath: **HOOD 36N-22C-M AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **HOOD 36N-22C-M AWB** Offset Wellpath: **HOOD 36N-22C-M AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1755.00	1730.00	43.00	1765.42	-2500.66	-3759.04	-2523.87	-3725.06
9.625in Casing Surface	25.00	1767.00	1742.00	43.00	1777.34	-2500.66	-3759.04	-2524.06	-3724.69
8.5in Open Hole	1755.00	15267.00	13512.00	1765.42	7113.20	-2523.87	-3725.06	-2589.26	-1009.95

**WELLPATH COMPOSITION** - Offset Wellbore: **HOOD 36N-22C-M AWB** Offset Wellpath: **HOOD 36N-22C-M AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1714.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<107-1714>	HOOD 36N-22C-M AWB
1714.00	15243.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1804-15243>	HOOD 36N-22C-M AWB
15243.00	15267.00	Blind Drilling (std)	Projection to bit	HOOD 36N-22C-M AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **HOOD 36N-22C-M AWB** Offset Wellpath: **HOOD 36N-22C-M AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 183 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **LEFFLER 8C-23-L AWB** Offset Wellpath: **LEFFLER 8C-23-L AWP**

Facility: SEC.21-T06N-R66W Slot: SLOT#09 LEFFLER 8C-23-L (1961'FNL & 275'FEL SEC.21) Well: LEFFLER 8C-23-L Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	21.00	25.00	-1163.65	-24.76	-178.78	1163.91	1.26	3876.49	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **LEFFLER 8C-23-L AWB** Offset Wellpath: **LEFFLER 8C-23-L AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **LEFFLER 8C-23-L AWB** Offset Wellpath: **LEFFLER 8C-23-L AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1821.00	1796.00	29.00	1824.93	-709.36	-15.09	-709.71	-15.01

**WELLPATH COMPOSITION** - Offset Wellbore: **LEFFLER 8C-23-L AWB** Offset Wellpath: **LEFFLER 8C-23-L AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1761.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5"(STD ROTAING, AXIAL, ROCKIES GT)<112-1761>	LEFFLER 8C-23-L AWB
1761.00	17771.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	CUSTOM BHI AUTTRAK CURVE (IFR1, SHORT) (ROCKIES 0.03GT MODEL) <1884'-17771'>	LEFFLER 8C-23-L AWB
17771.00	17795.00	Blind Drilling (std)	Projection to bit	LEFFLER 8C-23-L AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **LEFFLER 8C-23-L AWB** Offset Wellpath: **LEFFLER 8C-23-L AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft



**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 184 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **KOHLER #21-10 AWB** Offset Wellpath: **KOHLER #21-10 AWP**

Facility: SEC.21-T06N-R66W Slot: SLOT#02 EX:KOHLER #21-10 (1976'FSL & 1987'FEL SEC.21, PR, 7281'MD) Well: KOHLER #21-10 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	-7.00	25.00	-2523.56	-1734.73	-145.50	3062.30	25.57	124.44	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **KOHLER #21-10 AWB** Offset Wellpath: **KOHLER #21-10 AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **KOHLER #21-10 AWB** Offset Wellpath: **KOHLER #21-10 AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
9.875in Casing Surface	0.00	418.00	418.00	7.00	424.99	-1538.33	-1057.55	-1538.88	-1057.47
6.25in Open Hole	0.00	7278.00	7278.00	7.00	7283.82	-1538.33	-1057.55	-1547.16	-1073.39
4.5in Casing Production	0.00	7278.00	7278.00	7.00	7283.82	-1538.33	-1057.55	-1547.16	-1073.39

**WELLPATH COMPOSITION** - Offset Wellbore: **KOHLER #21-10 AWB** Offset Wellpath: **KOHLER #21-10 AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7000.00	VESSI GyroFlex v4	VES GYRO SURVEYS FROM SYNERGY, GRID TO TRUE CONVERSION <100-7000>	KOHLER #21-10 AWB
7000.00	7281.00	Drift Indicator - Inclination Only (Actual Survey)	DRIFT INDICATOR TO TD <7281' FROM CO WEBSITE>	KOHLER #21-10 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **KOHLER #21-10 AWB** Offset Wellpath: **KOHLER #21-10 AWP**

MD Reference: Rig on SLOT#02 EX:KOHLER #21-10 (1976'FSL & 1987'FEL SEC.21, PR, 7281'MD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 185 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: EX. MAURICE LEFFLER 1 AWB Offset Wellpath: EX. MAURICE LEFFLER 1 AWP

Facility: SEC.21-T06N-R66W		Slot: SLOT#01 EX. MAURICE LEFFLER 1 (660'FNL & 1980'FWL, PA, UNK)		Well: EX. MAURICE LEFFLER 1		Threshold Value=1.00		† = interpolated/extrapolated station				
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	3.00	25.00	77.43	-3082.96	-88.56	3083.93	50.17	62.65	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: EX. MAURICE LEFFLER 1 AWB Offset Wellpath: EX. MAURICE LEFFLER 1 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**WELLPATH COMPOSITION** - Offset Wellbore: EX. MAURICE LEFFLER 1 AWB Offset Wellpath: EX. MAURICE LEFFLER 1 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	4452.00	Drift Indicator - Inclination Only (Actual Survey)	ASSUMED VERTICAL TO TD FROM COGCC <4452>	EX. MAURICE LEFFLER 1 AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: EX. MAURICE LEFFLER 1 AWB Offset Wellpath: EX. MAURICE LEFFLER 1 AWP

MD Reference: Rig on SLOT#01 EX. MAURICE LEFFLER 1 (660'FNL & 1980'FWL, PA, UNK) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 186 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: BILLINGS #43-21 AWB Offset Wellpath: BILLINGS #43-21 AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#01 EX:BILLINGS #43-21 (2270'FSL & 960'FEL SEC.21, PR, 7257'MD) Well: BILLINGS #43-21 Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	-16.00	25.00	-2252.56	-669.40	-163.45	2349.92	25.57	95.48	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: BILLINGS #43-21 AWB Offset Wellpath: BILLINGS #43-21 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: BILLINGS #43-21 AWB Offset Wellpath: BILLINGS #43-21 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	0.00	326.00	326.00	16.00	341.99	-1373.16	-408.09	-1373.11	-408.91
8.625in Casing Surface	0.00	326.00	326.00	16.00	341.99	-1373.16	-408.09	-1373.11	-408.91
7.875in Open Hole	326.00	7257.00	6931.00	341.99	7271.79	-1373.11	-408.91	-1389.17	-429.90
3.5in Casing Production	0.00	7257.00	7257.00	16.00	7271.79	-1373.16	-408.09	-1389.17	-429.90

WELLPATH COMPOSITION - Offset Wellbore: BILLINGS #43-21 AWB Offset Wellpath: BILLINGS #43-21 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7050.00	ISWWSA MWD, Rev. 4 (Standard)	MS SURVEYS FROM SYNERGY <100-7050>	BILLINGS #43-21 AWB
7050.00	7257.00	Drift Indicator - Inclination Only (Actual Survey)	DRIFT INDICATOR TO TD <7257' FROM CO WEBSITE>	BILLINGS #43-21 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: BILLINGS #43-21 AWB Offset Wellpath: BILLINGS #43-21 AWP

MD Reference: Rig on SLOT#01 EX:BILLINGS #43-21 (2270'FSL & 960'FEL SEC.21, PR, 7257'MD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 187 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **LEFFLER 8N-23B-L AWB** Offset Wellpath: **LEFFLER 8N-23B-L AWP**

Facility: SEC.21-T06N-R66W Slot: SLOT#10 LEFFLER 8N-23B-L (1981'FNL & 275'FEL SEC.21) Well: LEFFLER 8N-23B-L Threshold Value=1.00 † = Interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	21.00	25.00	-1183.69	-24.76	-178.80	1183.94	1.26	3943.27	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **LEFFLER 8N-23B-L AWB** Offset Wellpath: **LEFFLER 8N-23B-L AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **LEFFLER 8N-23B-L AWB** Offset Wellpath: **LEFFLER 8N-23B-L AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1791.00	1766.00	29.00	1794.95	-721.57	-15.09	-721.39	-14.87

**WELLPATH COMPOSITION** - Offset Wellbore: **LEFFLER 8N-23B-L AWB** Offset Wellpath: **LEFFLER 8N-23B-L AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1731.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5 (STD ROTATING, AXIAL , ROCKIES GT)<112-1731>	LEFFLER 8N-23B-L AWB
1731.00	17509.00	Custom BHI AutoTrak Curve (IFR1) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1839-17509>	LEFFLER 8N-23B-L AWB
17509.00	17533.00	Blind Drilling (std)	Projection to bit	LEFFLER 8N-23B-L AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **LEFFLER 8N-23B-L AWB** Offset Wellpath: **LEFFLER 8N-23B-L AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 188 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **LEFFLER 8N-23C-L AWB** Offset Wellpath: **LEFFLER 8N-23C-L AWP**

Facility: SEC.21-T06N-R66W Slot: SLOT#11 LEFFLER 8N-23C-L (2001'FNL & 275'FEL SEC.21) Well: LEFFLER 8N-23C-L Threshold Value=1.00 † = Interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	21.00	25.00	-1203.72	-24.76	-178.82	1203.98	1.26	4010.05	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **LEFFLER 8N-23C-L AWB** Offset Wellpath: **LEFFLER 8N-23C-L AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **LEFFLER 8N-23C-L AWB** Offset Wellpath: **LEFFLER 8N-23C-L AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1791.00	1766.00	29.00	1790.56	-733.79	-15.09	-759.42	-34.81

**WELLPATH COMPOSITION** - Offset Wellbore: **LEFFLER 8N-23C-L AWB** Offset Wellpath: **LEFFLER 8N-23C-L AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1731.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<112-1731>	LEFFLER 8N-23C-L AWB
1731.00	17686.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1783-17686>	LEFFLER 8N-23C-L AWB
17686.00	17710.00	Blind Drilling (std)	Projection to bit	LEFFLER 8N-23C-L AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **LEFFLER 8N-23C-L AWB** Offset Wellpath: **LEFFLER 8N-23C-L AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

**Clearance Report**  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 189 of 190



**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **LEFFLER 40C-23-L AWB** Offset Wellpath: **LEFFLER 40C-23-L AWP**

Facility: SEC.21-T06N-R66W Slot: SLOT#12 LEFFLER 40C-23-L (2021'FNL & 275'FEL SEC.21) Well: LEFFLER 40C-23-L Threshold Value=1.00 † = interpolated/extrapolated station												
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status
25.00	25.00	0.00	0.00	21.00	25.00	-1223.76	-24.76	-178.84	1224.01	1.26	4076.83	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**POSITIONAL UNCERTAINTY** - Offset Wellbore: **LEFFLER 40C-23-L AWB** Offset Wellpath: **LEFFLER 40C-23-L AWP**

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

**HOLE & CASING SECTIONS** - Offset Wellbore: **LEFFLER 40C-23-L AWB** Offset Wellpath: **LEFFLER 40C-23-L AWP**

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
13.5in Open Hole	25.00	1776.00	1751.00	29.00	1778.35	-746.00	-15.09	-755.79	-20.00

**WELLPATH COMPOSITION** - Offset Wellbore: **LEFFLER 40C-23-L AWB** Offset Wellpath: **LEFFLER 40C-23-L AWP**

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
25.00	1716.00	Custom BHI NaviTrak (Standard Rotating+Axial Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5"(STD ROTATING, AXIAL, ROCKIES GT)<112-1716>	LEFFLER 40C-23-L AWB
1716.00	17786.00	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)	BHI ATC 8.5" (IFR, SHORT, ROCKIES GT)<1793-17786>	LEFFLER 40C-23-L AWB
17786.00	17810.00	Blind Drilling (std)	Projection to bit	LEFFLER 40C-23-L AWB

**OFFSET WELLPATH REFERENCE** - Offset Wellbore: **LEFFLER 40C-23-L AWB** Offset Wellpath: **LEFFLER 40C-23-L AWP**

MD Reference: PRECISION 562 (25') (RKB)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	25.00ft

Clearance Report  
DONN 4N-20C-L PWP (REV-B.0)  
Closest Approach  
Page 190 of 190



REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4N-20C-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4N-20C-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: KOHLER J #1-21 AWB Offset Wellpath: KOHLER J #1-21 AWP

Facility: SEC.21-T06N-R66W Slot: SLOT#03 EX:KOHLER J #1-21 (460'FSL & 1978'FEL SEC.21, PR, 7318'MD) Well: KOHLER J #1-21 Threshold Value=1.00 † = interpolated/extrapolated station													
Ref MD [ft]	Ref TVD [ft]	Ref North [ft]	Ref East [ft]	Offset MD [ft]	Offset TVD [ft]	Offset North [ft]	Offset East [ft]	Angle from Highside [°]	C-C Clear Dist [ft]	ACR MASD [ft]	Sep Ratio	ACR Status	
25.00	25.00	0.00	0.00	-21.00	25.00	-4035.84	-1733.72	-156.75	4392.47	25.57	178.50	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: KOHLER J #1-21 AWB Offset Wellpath: KOHLER J #1-21 AWP

Slot Surface Uncertainty @1SD	Horizontal	0.100ft	Vertical	1.000ft
Facility Surface Uncertainty @1SD	Horizontal	8.200ft	Vertical	3.000ft

HOLE & CASING SECTIONS - Offset Wellbore: KOHLER J #1-21 AWB Offset Wellpath: KOHLER J #1-21 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	0.00	402.00	402.00	21.00	423.00	-2460.21	-1056.96	-2460.28	-1057.26
9.625in Casing Surface	0.00	402.00	402.00	21.00	423.00	-2460.21	-1056.96	-2460.28	-1057.26
7.875in Open Hole	402.00	7275.00	6873.00	423.00	7294.95	-2460.28	-1057.26	-2476.69	-1073.38
4.5in Casing Production	0.00	7275.00	7275.00	21.00	7294.95	-2460.21	-1056.96	-2476.69	-1073.38

WELLPATH COMPOSITION - Offset Wellbore: KOHLER J #1-21 AWB Offset Wellpath: KOHLER J #1-21 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	7100.00	VESSI GyroFlex v4	VES GYRO SURVEYS FROM SYNERGY, GRID TO TRUE CONVERSION <100-7100>	KOHLER J #1-21 AWB
7100.00	7318.00	Drift Indicator - Inclination Only (Actual Survey)	DRIFT INDICATOR TO TD <7318' FROM CO WEBSITE>	KOHLER J #1-21 AWB

OFFSET WELLPATH REFERENCE - Offset Wellbore: KOHLER J #1-21 AWB Offset Wellpath: KOHLER J #1-21 AWP

MD Reference: Rig on SLOT#03 EX:KOHLER J #1-21 (460'FSL & 1978'FEL SEC.21, PR, 7318'MD) (RT)	Offset TVD & local coordinates use Reference Wellpath settings (See WELLPATH DATUM on page 1 of this report)
Ellipse Start MD	0.00ft