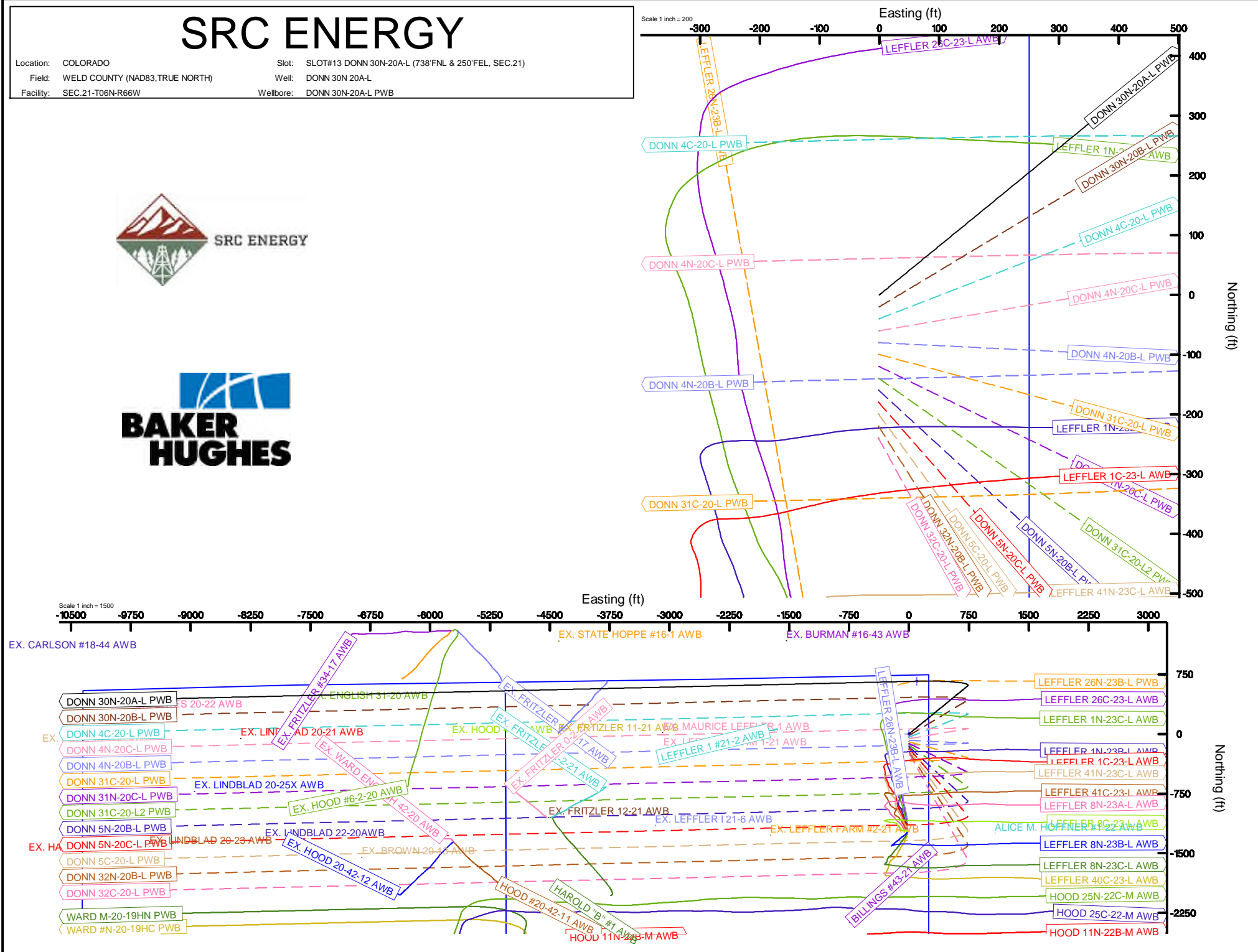


Location:	COLORADO	Slot:	SLOT#13 DONN 30N-20A-L (738'FNL & 250'FEL, SEC.21)
Field:	WELD COUNTY (NAD83,TRUE NORTH)	Well:	DONN 30N 20A-L
Facility:	SEC.21-T06N-R66W	Wellbore:	DONN 30N-20A-L PWB



# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	8/22/2017 at 1:21:25 PM
Convergence at slot	0.47° East	Database/Source file	Denver DB/DONN_4C-20-L_PWP_REV-A.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	1023.69	24.76	3201887.99	1418172.09	40°28'44.458"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#15 DONN 4C-20-L (778'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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

## HOLE & CASING SECTIONS - Ref Wellbore: DONN 4C-20-L PWB Ref 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	0.00	0.00	63.57	163.67
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1739.18	0.00	0.00	63.57	163.67
8.5in Open Hole	1750.00	17917.24	16167.24	1739.18	7136.00	63.57	163.67	58.58	-10200.03

## SURVEY PROGRAM - Ref Wellbore: DONN 4C-20-L PWB Ref 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

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CALCULATION RANGE & CUTOFF

From: 25.00ft MD	To: 17917.24ft MD	C-C Cutoff: 1000.00 ft
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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	16092.57	119.37	16092.57	16093.55	0.23	16093.55	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	13445.50	151.53	13445.50	13446.91	0.24	13446.91	FAIL
SEC.21-T06N-R66W	SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21)	DONN 4N-20C-L	DONN 4N-20C-L PWB	DONN 4N-20C-L PWP (REV-A.0)	25.00	20.04	7625.00	17917.24	0.25	17917.24	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	12114.09	157.87	12114.09	12114.91	0.28	12114.91	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-A.0)	385.49	19.01	385.49	17914.71	0.33	17914.71	FAIL
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	7242.09	28.83	7242.09	7237.47	0.34	7237.47	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	17402.89	266.38	17402.89	17405.87	0.45	17405.87	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-A.0)	25.00	40.08	7625.00	17917.24	0.47	17917.24	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-A.0)	25.00	40.08	17914.00	17914.00	0.59	17914.00	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	59.75	17917.24	17917.24	0.60	17917.24	FAIL
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	15206.21	318.88	15206.21	15212.25	0.66	15212.25	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	10800.11	368.86	10800.11	10808.89	0.74	10808.89	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-A.0)	25.00	79.79	17917.24	17917.24	0.81	17917.24	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-A.0)	25.00	99.83	17917.24	17917.24	1.00	17917.24	FAIL
SEC.21-T06N-R66W	SLOT#04 EX. LEFFLER 1 #21-2 (660'FNL & 1880'FEL SEC.21,PR,7340MD)	LEFFLER 1 #21-2	LEFFLER 1 #21-2 AWB	LEFFLER 1 #21-2 AWP	9469.83	177.63	9469.83	9472.49	1.22	9472.49	PASS
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-A.0)	25.00	119.86	7725.00	17917.24	1.22	17917.24	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	16687.50	770.10	16687.50	16715.66	1.39	16715.66	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-A.0)	25.00	139.90	17917.24	17917.24	1.41	17917.24	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	17917.24	674.11	17917.24	17917.24	1.56	17917.24	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	14051.79	595.66	14051.79	14072.31	1.59	14072.31	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-A.0)	25.00	159.94	200.00	17917.24	1.60	17917.24	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	12801.19	525.38	12801.19	12825.00	1.66	12825.00	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	12080.00	1009.62	12080.00	12137.64	1.81	12137.64	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	179.98	200.00	17917.24	1.82	17917.24	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-A.0)	25.00	200.01	10825.00	17917.24	1.85	17917.24	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	11501.85	495.71	11501.85	11525.00	1.93	11525.00	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	7629.01	163.94	7630.13	7630.13	2.05	7630.13	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	14025.00	776.01	14025.00	14083.86	2.06	14083.86	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	11569.49	831.45	11569.49	11505.99	2.07	11505.99	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	12252.50	1204.00	12252.50	12337.22	2.13	12337.22	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	9225.00	946.81	9225.00	9301.04	2.20	9301.04	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	17917.24	1485.25	17917.24	17917.24	2.20	17917.24	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	17917.24	1735.47	17917.24	17917.24	2.30	17917.24	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	17268.91	1445.99	17268.91	17358.92	2.48	17358.92	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	10926.80	1334.10	10926.80	11042.73	2.64	11042.73	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	12751.24	830.44	12751.24	12802.33	2.66	12802.33	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	15820.00	1394.85	15820.00	15925.00	2.71	15925.00	PASS
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	14674.40	1147.51	14674.40	14751.60	2.79	14751.60	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	17917.24	2302.41	17917.24	17917.24	3.23	17917.24	PASS
SEC.21-T06N-R66W	SLOT#1 EX. LEFFLER FARM #2-21 (1980'FNL & 1980'FEL, PA-CODL)	EX. LEFFLER FARM #2-21	EX. LEFFLER FARM #2-21 AWB	EX. LEFFLER FARM #2-21 AWP	9487.50	1491.20	9487.50	9657.96	3.36	9657.96	PASS

**Clearance Report**  
**DONN 4C-20-L PWP (REV-A.0)**  
**Closest Approach**  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

**CALCULATION RANGE & CUTOFF**

From: 25.00ft MD	To: 17917.24ft MD	C-C Cutoff: 1000.00 ft
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**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#04 WARD #N-20-19HC	WARD #N-20-19HC	WARD #N-20-19HC PWB	WARD #N-20-19HC PWP	17917.24	2461.91	17917.24	17917.24	3.44	17917.24	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	14612.50	1646.16	14612.50	14762.78	3.57	14762.78	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	13575.00	1434.52	13575.00	13725.00	4.25	13725.00	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	7135.74	401.54	7136.90	7136.90	4.91	7136.90	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	14175.00	2118.83	14175.00	14472.88	5.48	14472.88	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	15975.00	2966.15	15975.00	16397.47	5.60	16397.47	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	7087.19	479.07	7087.19	7084.51	5.84	7084.51	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	12862.50	2040.24	12862.50	13163.27	6.29	13163.27	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	12875.00	2212.34	12875.00	13371.14	6.66	13525.00	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	7369.06	569.87	7369.06	7361.63	7.08	7361.63	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	4825.00	1515.80	4825.00	7077.24	7.08	7077.24	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	12857.50	2358.87	12857.50	13390.23	7.14	13390.23	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	11500.00	2199.89	11500.00	11925.00	8.26	11925.00	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	11600.00	2679.27	12425.00	13330.04	8.29	13725.00	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	11930.00	2823.91	12625.00	13654.73	8.59	13654.73	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	12925.00	3054.27	12925.00	13925.00	9.03	13925.00	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	7190.94	759.87	7190.94	7095.33	9.36	7925.00	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	12162.50	2904.40	12162.50	12856.37	9.81	12856.37	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	10850.00	3383.49	152525.00	14051.19	9.95	14051.19	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	12912.50	3506.01	12912.50	14172.95	10.25	14172.95	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	12620.00	3696.41	12620.00	14225.00	10.77	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 OWB AWB	HOOD 14N-22A-M OWB AWP	12596.37	3919.37	12596.37	14358.10	11.40	14358.10	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	12596.37	3919.37	12596.37	14358.10	11.40	14358.10	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	11925.00	4191.83	12925.00	14551.57	12.00	14551.57	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	7218.73	1011.11	7218.73	8245.67	12.02	8245.67	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	11125.00	2817.22	11125.00	12013.03	12.07	12013.03	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	12850.00	4356.31	12850.00	14671.46	12.21	14671.46	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	11661.58	4640.98	13425.00	14884.53	13.01	14884.53	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	6930.00	1152.60	7725.00	6849.29	13.68	8225.00	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	262.50	1180.87	7825.00	8472.22	15.09	8472.22	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	10817.50	2708.03	10817.50	4507.71	15.59	13025.00	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	9572.50	2829.56	9572.50	10755.77	16.92	10755.77	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	2369.14	8525.00	9725.00	17.63	9725.00	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	237.50	1201.93	7625.00	8646.81	18.52	9325.00	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	276.25	1221.75	7825.00	8925.00	19.81	8925.00	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	287.50	1241.96	7925.00	9062.86	20.25	9062.86	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	9612.50	4362.44	9612.50	11895.88	21.32	11895.88	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	1708.92	817.64	7825.00	1778.62	51.50	12525.00	PASS

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-17.52	-8373.43	-90.12	8373.45	25.57	340.32	PASS	
125.00†	125.00	0.00	0.00	103.00	125.00	-17.52	-8373.43	-90.12	8373.45	25.57	340.28	PASS	
200.00	200.00	0.00	0.00	178.00	200.00	-17.52	-8373.43	-90.12	8373.45	25.57	340.22	PASS	
225.00†	225.00	0.04	0.10	203.00	225.00	-17.52	-8373.43	-158.89	8373.55	25.57	340.19	PASS	
325.00†	324.96	0.99	2.54	302.96	324.96	-17.52	-8373.43	-158.88	8375.99	25.60	339.94	PASS	
425.00†	424.77	3.20	8.23	402.77	424.77	-17.52	-8373.43	-158.85	8381.69	25.67	339.20	PASS	
525.00†	524.30	6.67	17.17	502.30	524.30	-17.52	-8373.43	-158.81	8390.63	25.75	338.54	PASS	
569.36	568.34	8.61	22.16	546.34	568.34	-17.52	-8373.43	-158.79	8395.64	25.77	338.38	PASS	
625.00†	623.52	11.20	28.83	601.52	623.52	-17.52	-8373.43	-158.81	8402.31	25.79	338.42	PASS	
725.00†	722.69	15.86	40.82	700.69	722.69	-17.52	-8373.43	-158.84	8414.31	25.82	338.48	PASS	
825.00†	821.86	20.51	52.80	799.86	821.86	-17.52	-8373.43	-158.87	8426.32	25.86	338.47	PASS	
925.00†	921.03	25.17	64.79	899.03	921.03	-17.52	-8373.43	-158.90	8438.33	25.90	338.38	PASS	
1025.00†	1020.20	29.82	76.77	998.20	1020.20	-17.52	-8373.43	-158.93	8450.34	25.94	338.23	PASS	
1125.00†	1119.37	34.48	88.76	1097.37	1119.37	-17.52	-8373.43	-158.97	8462.35	26.00	338.00	PASS	
1225.00†	1218.54	39.13	100.74	1196.54	1218.54	-17.52	-8373.43	-159.00	8474.36	26.05	337.71	PASS	
1325.00†	1317.71	43.79	112.73	1295.71	1317.71	-17.52	-8373.43	-159.03	8486.38	26.12	337.34	PASS	
1425.00†	1416.88	48.44	124.71	1394.88	1416.88	-17.52	-8373.43	-159.06	8498.40	26.19	336.91	PASS	
1525.00†	1516.05	53.10	136.70	1494.05	1516.05	-17.52	-8373.43	-159.09	8510.42	26.26	336.41	PASS	
1625.00†	1615.22	57.75	148.68	1593.22	1615.22	-17.52	-8373.43	-159.12	8522.45	26.34	335.85	PASS	
1725.00†	1714.39	62.41	160.67	1692.39	1714.39	-17.52	-8373.43	-159.15	8534.47	26.42	335.23	PASS	
1825.00†	1813.56	67.06	172.65	1791.56	1813.56	-17.52	-8373.43	-159.18	8546.50	26.21	335.10	PASS	
1925.00†	1912.73	71.72	184.64	1890.73	1912.73	-17.52	-8373.43	-159.21	8558.53	26.22	335.41	PASS	
2025.00†	2011.90	76.37	196.62	1989.90	2011.90	-17.52	-8373.43	-159.24	8570.57	26.25	335.57	PASS	
2125.00†	2111.07	81.03	208.61	2089.07	2111.07	-17.52	-8373.43	-159.27	8582.61	26.28	335.58	PASS	
2225.00†	2210.24	85.69	220.59	2188.24	2210.24	-17.52	-8373.43	-159.30	8594.64	26.33	335.44	PASS	
2325.00†	2309.41	90.34	232.58	2287.41	2309.41	-17.52	-8373.43	-159.33	8606.69	26.39	335.15	PASS	
2425.00†	2408.58	95.00	244.56	2386.58	2408.58	-17.52	-8373.43	-159.36	8618.73	26.45	334.72	PASS	
2525.00†	2507.75	99.65	256.55	2485.75	2507.75	-17.52	-8373.43	-159.39	8630.78	26.53	334.15	PASS	
2625.00†	2606.92	104.31	268.53	2584.92	2606.92	-17.52	-8373.43	-159.42	8642.82	26.63	333.44	PASS	
2725.00†	2706.09	108.96	280.52	2684.09	2706.09	-17.52	-8373.43	-159.45	8654.87	26.73	332.60	PASS	
2825.00†	2805.26	113.62	292.50	2783.26	2805.26	-17.52	-8373.43	-159.48	8666.93	26.84	331.63	PASS	
2925.00†	2904.43	118.27	304.49	2882.43	2904.43	-17.52	-8373.43	-159.51	8678.98	26.96	330.53	PASS	
3025.00†	3003.60	122.93	316.47	2981.60	3003.60	-17.52	-8373.43	-159.54	8691.04	27.10	329.31	PASS	
3125.00†	3102.77	127.58	328.46	3080.77	3102.77	-17.52	-8373.43	-159.57	8703.10	27.24	327.98	PASS	
3225.00†	3201.94	132.24	340.44	3179.94	3201.94	-17.52	-8373.43	-159.60	8715.16	27.40	326.54	PASS	
3325.00†	3301.11	136.89	352.43	3279.11	3301.11	-17.52	-8373.43	-159.63	8727.23	27.56	324.99	PASS	
3425.00†	3400.28	141.55	364.41	3378.28	3400.28	-17.52	-8373.43	-159.66	8739.29	27.73	323.34	PASS	
3525.00†	3499.45	146.21	376.40	3477.45	3499.45	-17.52	-8373.43	-159.69	8751.36	27.92	321.61	PASS	
3625.00†	3598.62	150.86	388.39	3576.62	3598.62	-17.52	-8373.43	-159.72	8763.43	28.11	319.78	PASS	
3725.00†	3697.79	155.52	400.37	3675.79	3697.79	-17.52	-8373.43	-159.75	8775.51	28.31	317.88	PASS	
3825.00†	3796.96	160.17	412.36	3774.96	3796.96	-17.52	-8373.43	-159.78	8787.58	28.52	315.90	PASS	
3925.00†	3896.13	164.83	424.34	3874.13	3896.13	-17.52	-8373.43	-159.81	8799.66	28.74	313.85	PASS	
4025.00†	3995.30	169.48	436.33	3973.30	3995.30	-17.52	-8373.43	-159.83	8811.74	28.97	311.74	PASS	
4125.00†	4094.47	174.14	448.31	4072.47	4094.47	-17.52	-8373.43	-159.86	8823.82	29.21	309.57	PASS	
4225.00†	4193.64	178.79	460.30	4171.64	4193.64	-17.52	-8373.43	-159.89	8835.91	29.45	307.35	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	4270.81	4292.81	-17.52	-8373.43	-159.92	8847.99	29.71	305.08	PASS	
4425.00†	4391.98	188.10	484.27	4369.98	4391.98	-17.52	-8373.43	-159.95	8860.08	29.97	302.77	PASS	
4525.00†	4491.15	192.76	496.25	4469.15	4491.15	-17.52	-8373.43	-159.98	8872.17	30.24	300.43	PASS	
4625.00†	4590.32	197.41	508.24	4568.32	4590.32	-17.52	-8373.43	-160.01	8884.27	30.51	298.05	PASS	
4725.00†	4689.49	202.07	520.22	4667.49	4689.49	-17.52	-8373.43	-160.03	8896.36	30.80	295.65	PASS	
4825.00†	4788.66	206.73	532.21	4766.66	4788.66	-17.52	-8373.43	-160.06	8908.46	47.50	190.37	PASS	
4925.00†	4887.83	211.38	544.19	4865.83	4887.83	-17.52	-8373.43	-160.09	8920.56	56.39	160.18	PASS	
5025.00†	4987.00	216.04	556.18	4965.00	4987.00	-17.52	-8373.43	-160.12	8932.66	57.77	156.52	PASS	
5125.00†	5086.17	220.69	568.16	5064.17	5086.17	-17.52	-8373.43	-160.15	8944.76	59.84	151.27	PASS	
5225.00†	5185.33	225.35	580.15	5163.33	5185.33	-17.52	-8373.43	-160.17	8956.87	62.47	145.02	PASS	
5325.00†	5284.50	230.00	592.13	5262.50	5284.50	-17.52	-8373.43	-160.20	8968.98	65.55	138.32	PASS	
5425.00†	5383.67	234.66	604.12	5361.67	5383.67	-17.52	-8373.43	-160.23	8981.09	68.98	131.55	PASS	
5525.00†	5482.84	239.31	616.10	5460.84	5482.84	-17.52	-8373.43	-160.26	8993.20	72.67	124.96	PASS	
5625.00†	5582.01	243.97	628.09	5560.01	5582.01	-17.52	-8373.43	-160.29	9005.31	76.58	118.69	PASS	
5725.00†	5681.18	248.62	640.07	5659.18	5681.18	-17.52	-8373.43	-160.31	9017.43	80.64	112.81	PASS	
5825.00†	5780.35	253.28	652.06	5758.35	5780.35	-17.52	-8373.43	-160.34	9029.55	84.83	107.33	PASS	
5925.00†	5879.52	257.93	664.04	5857.52	5879.52	-17.52	-8373.43	-160.37	9041.67	89.12	102.27	PASS	
6025.00†	5978.69	262.59	676.03	5956.69	5978.69	-17.52	-8373.43	-160.40	9053.79	93.48	97.58	PASS	
6125.00†	6077.86	267.25	688.01	6055.86	6077.86	-17.52	-8373.43	-160.42	9065.92	97.92	93.25	PASS	
6225.00†	6177.03	271.90	700.00	6155.03	6177.03	-17.52	-8373.43	-160.45	9078.04	102.41	89.26	PASS	
6325.00†	6276.20	276.56	711.98	6254.20	6276.20	-17.52	-8373.43	-160.48	9090.17	106.94	85.56	PASS	
6425.00†	6375.37	281.21	723.97	6353.37	6375.37	-17.52	-8373.43	-160.50	9102.30	111.51	82.14	PASS	
6525.00†	6474.54	285.87	735.95	6452.54	6474.54	-17.52	-8373.43	-160.53	9114.43	116.12	78.97	PASS	
6532.63	6482.11	286.22	736.87	6460.11	6482.11	-17.52	-8373.43	-160.53	9115.36	116.47	78.74	PASS	
6625.00†	6574.20	290.39	741.26	6552.20	6574.20	-17.52	-8373.43	-62.15	9119.89	120.77	75.96	PASS	
6725.00†	6673.48	294.52	730.94	6651.48	6673.48	-17.52	-8373.43	-14.40	9109.72	125.65	72.91	PASS	
6825.00†	6769.94	298.18	705.22	6747.94	6769.94	-17.52	-8373.43	-8.26	9084.13	130.99	69.72	PASS	
6925.00†	6861.20	301.25	664.71	6839.20	6861.20	-17.52	-8373.43	-6.07	9043.76	135.88	66.90	PASS	
7025.00†	6945.03	303.68	610.42	6923.03	6945.03	-17.52	-8373.43	-5.04	8989.59	140.29	64.40	PASS	
7125.00†	7019.34	305.39	543.69	6997.34	7019.34	-17.52	-8373.43	-4.54	8922.97	144.12	62.21	PASS	
7225.00†	7082.33	306.35	466.16	7060.33	7082.33	-17.52	-8373.43	-4.39	8845.52	147.29	60.34	PASS	
7325.00†	7132.43	306.53	379.73	7110.43	7132.43	-17.52	-8373.43	-4.59	8759.16	149.76	58.76	PASS	
7425.00†	7168.40	305.93	286.54	7146.40	7168.40	-17.52	-8373.43	-5.41	8666.01	151.48	57.47	PASS	
7525.00†	7189.38	304.57	188.88	7167.38	7189.38	-17.52	-8373.43	-8.60	8568.36	152.46	56.46	PASS	
7613.44	7195.00	302.75	100.71	7173.00	7195.00	-17.52	-8373.43	-112.13	8480.19	152.72	55.78	PASS	
7625.00†	7194.93	302.47	89.15	7172.93	7194.93	-17.52	-8373.43	-112.11	8468.63	152.72	55.71	PASS	
7725.00†	7194.36	300.10	-10.82	7172.36	7194.36	-17.52	-8373.43	-111.87	8368.64	152.70	55.06	PASS	
7825.00†	7193.79	297.73	-110.79	7171.79	7193.79	-17.52	-8373.43	-111.63	8268.65	152.68	54.41	PASS	
7925.00†	7193.22	295.36	-210.76	7171.22	7193.22	-17.52	-8373.43	-111.40	8168.66	152.66	53.75	PASS	
8025.00†	7192.64	292.99	-310.73	7170.64	7192.64	-17.52	-8373.43	-111.16	8068.68	152.64	53.10	PASS	
8125.00†	7192.07	290.63	-410.70	7170.07	7192.07	-17.52	-8373.43	-110.92	7968.69	152.62	52.45	PASS	
8225.00†	7191.50	288.26	-510.67	7169.50	7191.50	-17.52	-8373.43	-110.68	7868.70	152.61	51.80	PASS	
8325.00†	7190.93	285.89	-610.64	7168.93	7190.93	-17.52	-8373.43	-110.44	7768.71	152.60	51.14	PASS	
8425.00†	7190.35	283.52	-710.61	7168.35	7190.35	-17.52	-8373.43	-110.20	7668.73	152.59	50.49	PASS	
8525.00†	7189.78	281.15	-810.58	7167.78	7189.78	-17.52	-8373.43	-109.95	7568.74	152.58	49.83	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	7167.21	7189.21	-17.52	-8373.43	-109.71	7468.76	152.57	49.18	PASS	
8725.00†	7188.64	276.41	-1010.52	7166.64	7188.64	-17.52	-8373.43	-109.47	7368.77	152.56	48.52	PASS	
8825.00†	7188.06	274.04	-1110.49	7166.06	7188.06	-17.52	-8373.43	-109.22	7268.79	152.56	47.86	PASS	
8925.00†	7187.49	271.67	-1210.46	7165.49	7187.49	-17.52	-8373.43	-108.98	7168.80	152.55	47.21	PASS	
9025.00†	7186.92	269.30	-1310.44	7164.92	7186.92	-17.52	-8373.43	-108.73	7068.82	152.55	46.55	PASS	
9125.00†	7186.34	266.93	-1410.41	7164.34	7186.34	-17.52	-8373.43	-108.48	6968.83	152.55	45.89	PASS	
9225.00†	7185.77	264.56	-1510.38	7163.77	7185.77	-17.52	-8373.43	-108.24	6868.85	152.55	45.23	PASS	
9325.00†	7185.20	262.19	-1610.35	7163.20	7185.20	-17.52	-8373.43	-107.99	6768.87	152.56	44.57	PASS	
9425.00†	7184.63	259.82	-1710.32	7162.63	7184.63	-17.52	-8373.43	-107.74	6668.88	152.56	43.91	PASS	
9525.00†	7184.05	257.45	-1810.29	7162.05	7184.05	-17.52	-8373.43	-107.49	6568.90	152.57	43.25	PASS	
9625.00†	7183.48	255.08	-1910.26	7161.48	7183.48	-17.52	-8373.43	-107.24	6468.92	152.58	42.59	PASS	
9725.00†	7182.91	252.71	-2010.23	7160.91	7182.91	-17.52	-8373.43	-106.99	6368.94	152.59	41.93	PASS	
9825.00†	7182.34	250.34	-2110.20	7160.34	7182.34	-17.52	-8373.43	-106.73	6268.96	152.60	41.27	PASS	
9925.00†	7181.76	247.97	-2210.17	7159.76	7181.76	-17.52	-8373.43	-106.48	6168.98	152.61	40.61	PASS	
10025.00†	7181.19	245.60	-2310.14	7159.19	7181.19	-17.52	-8373.43	-106.23	6069.00	152.63	39.94	PASS	
10125.00†	7180.62	243.23	-2410.11	7158.62	7180.62	-17.52	-8373.43	-105.98	5969.02	152.65	39.28	PASS	
10225.00†	7180.05	240.86	-2510.08	7158.05	7180.05	-17.52	-8373.43	-105.72	5869.04	152.67	38.62	PASS	
10325.00†	7179.47	238.49	-2610.05	7157.47	7179.47	-17.52	-8373.43	-105.47	5769.07	152.69	37.95	PASS	
10425.00†	7178.90	236.12	-2710.02	7156.90	7178.90	-17.52	-8373.43	-105.21	5669.09	152.72	37.29	PASS	
10525.00†	7178.33	233.75	-2809.99	7156.33	7178.33	-17.52	-8373.43	-104.95	5569.11	152.74	36.63	PASS	
10625.00†	7177.76	231.38	-2909.96	7155.76	7177.76	-17.52	-8373.43	-104.70	5469.14	152.77	35.96	PASS	
10725.00†	7177.18	229.01	-3009.93	7155.18	7177.18	-17.52	-8373.43	-104.44	5369.16	152.80	35.30	PASS	
10825.00†	7176.61	226.64	-3109.90	7154.61	7176.61	-17.52	-8373.43	-104.18	5269.19	152.84	34.63	PASS	
10925.00†	7176.04	224.27	-3209.87	7154.04	7176.04	-17.52	-8373.43	-103.92	5169.22	152.88	33.97	PASS	
11025.00†	7175.47	221.90	-3309.84	7153.47	7175.47	-17.52	-8373.43	-103.66	5069.25	152.92	33.30	PASS	
11125.00†	7174.89	219.53	-3409.81	7152.89	7174.89	-17.52	-8373.43	-103.40	4969.28	152.96	32.63	PASS	
11225.00†	7174.32	217.16	-3509.78	7152.32	7174.32	-17.52	-8373.43	-103.14	4869.31	153.00	31.97	PASS	
11325.00†	7173.75	214.79	-3609.75	7151.75	7173.75	-17.52	-8373.43	-102.88	4769.34	153.05	31.30	PASS	
11425.00†	7173.17	212.42	-3709.72	7151.17	7173.17	-17.52	-8373.43	-102.62	4669.37	153.11	30.63	PASS	
11525.00†	7172.60	210.06	-3809.69	7150.60	7172.60	-17.52	-8373.43	-102.36	4569.41	153.16	29.97	PASS	
11625.00†	7172.03	207.69	-3909.66	7150.03	7172.03	-17.52	-8373.43	-102.10	4469.45	153.22	29.30	PASS	
11725.00†	7171.46	205.32	-4009.63	7149.46	7171.46	-17.52	-8373.43	-101.83	4369.48	153.29	28.63	PASS	
11825.00†	7170.88	202.95	-4109.60	7148.88	7170.88	-17.52	-8373.43	-101.57	4269.52	153.35	27.97	PASS	
11925.00†	7170.31	200.58	-4209.57	7148.31	7170.31	-17.52	-8373.43	-101.31	4169.57	153.43	27.30	PASS	
12025.00†	7169.74	198.21	-4309.54	7147.74	7169.74	-17.52	-8373.43	-101.04	4069.61	153.50	26.63	PASS	
12125.00†	7169.17	195.84	-4409.51	7147.17	7169.17	-17.52	-8373.43	-100.78	3969.65	153.59	25.96	PASS	
12225.00†	7168.59	193.47	-4509.48	7146.59	7168.59	-17.52	-8373.43	-100.51	3869.70	153.68	25.29	PASS	
12325.00†	7168.02	191.10	-4609.45	7146.02	7168.02	-17.52	-8373.43	-100.25	3769.75	153.77	24.62	PASS	
12425.00†	7167.45	188.73	-4709.42	7145.45	7167.45	-17.52	-8373.43	-99.98	3669.81	153.88	23.95	PASS	
12525.00†	7166.88	186.36	-4809.39	7144.88	7166.88	-17.52	-8373.43	-99.71	3569.86	153.99	23.29	PASS	
12625.00†	7166.30	183.99	-4909.37	7144.30	7166.30	-17.52	-8373.43	-99.45	3469.92	154.11	22.62	PASS	
12725.00†	7165.73	181.62	-5009.34	7143.73	7165.73	-17.52	-8373.43	-99.18	3369.98	154.24	21.95	PASS	
12825.00†	7165.16	179.25	-5109.31	7143.16	7165.16	-17.52	-8373.43	-98.91	3270.05	154.38	21.28	PASS	
12925.00†	7164.59	176.88	-5209.28	7142.59	7164.59	-17.52	-8373.43	-98.64	3170.12	154.53	20.60	PASS	
13025.00†	7164.01	174.51	-5309.25	7142.01	7164.01	-17.52	-8373.43	-98.37	3070.20	154.69	19.93	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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
13125.00†	7163.44	172.14	-5409.22	7141.44	7163.44	-17.52	-8373.43	-98.10	2970.28	154.87	19.26	PASS
13225.00†	7162.87	169.77	-5509.19	7140.87	7162.87	-17.52	-8373.43	-97.83	2870.36	155.07	18.59	PASS
13325.00†	7162.30	167.40	-5609.16	7140.30	7162.30	-17.52	-8373.43	-97.56	2770.45	155.28	17.92	PASS
13425.00†	7161.72	165.03	-5709.13	7139.72	7161.72	-17.52	-8373.43	-97.29	2670.55	155.52	17.25	PASS
13525.00†	7161.15	162.66	-5809.10	7139.15	7161.15	-17.52	-8373.43	-97.02	2570.66	155.79	16.57	PASS
13625.00†	7160.58	160.29	-5909.07	7138.58	7160.58	-17.52	-8373.43	-96.75	2470.77	156.08	15.90	PASS
13725.00†	7160.00	157.92	-6009.04	7138.00	7160.00	-17.52	-8373.43	-96.48	2370.89	156.41	15.22	PASS
13825.00†	7159.43	155.55	-6109.01	7137.43	7159.43	-17.52	-8373.43	-96.21	2271.03	156.77	14.55	PASS
13925.00†	7158.86	153.18	-6208.98	7136.86	7158.86	-17.52	-8373.43	-95.94	2171.17	157.19	13.87	PASS
14025.00†	7158.29	150.81	-6308.95	7136.29	7158.29	-17.52	-8373.43	-95.67	2071.33	157.66	13.19	PASS
14125.00†	7157.71	148.44	-6408.92	7135.71	7157.71	-17.52	-8373.43	-95.39	1971.51	158.20	12.51	PASS
14225.00†	7157.14	146.07	-6508.89	7135.14	7157.14	-17.52	-8373.43	-95.12	1871.70	158.81	11.83	PASS
14325.00†	7156.57	143.70	-6608.86	7134.57	7156.57	-17.52	-8373.43	-94.85	1771.92	159.53	11.15	PASS
14425.00†	7156.00	141.33	-6708.83	7134.00	7156.00	-17.52	-8373.43	-94.57	1672.16	160.37	10.47	PASS
14525.00†	7155.42	138.96	-6808.80	7133.42	7155.42	-17.52	-8373.43	-94.30	1572.44	161.35	9.78	PASS
14625.00†	7154.85	136.59	-6908.77	7132.85	7154.85	-17.52	-8373.43	-94.03	1472.75	162.52	9.10	PASS
14725.00†	7154.28	134.22	-7008.74	7132.28	7154.28	-17.52	-8373.43	-93.75	1373.10	163.92	8.41	PASS
14825.00†	7153.71	131.85	-7108.71	7131.71	7153.71	-17.52	-8373.43	-93.48	1273.51	165.62	7.72	PASS
14925.00†	7153.13	129.49	-7208.68	7131.13	7153.13	-17.52	-8373.43	-93.21	1173.99	167.72	7.03	PASS
15025.00†	7152.56	127.12	-7308.65	7130.56	7152.56	-17.52	-8373.43	-92.93	1074.56	170.32	6.33	PASS
15125.00†	7151.99	124.75	-7408.62	7129.99	7151.99	-17.52	-8373.43	-92.66	975.24	173.62	5.64	PASS
15225.00†	7151.42	122.38	-7508.59	7129.42	7151.42	-17.52	-8373.43	-92.38	876.08	177.88	4.94	PASS
15325.00†	7150.84	120.01	-7608.56	7128.84	7150.84	-17.52	-8373.43	-92.11	777.13	183.48	4.25	PASS
15425.00†	7150.27	117.64	-7708.53	7128.27	7150.27	-17.52	-8373.43	-91.84	678.50	191.06	3.56	PASS
15525.00†	7149.70	115.27	-7808.50	7127.70	7149.70	-17.52	-8373.43	-91.56	580.32	201.63	2.88	PASS
15625.00†	7149.13	112.90	-7908.47	7127.13	7149.13	-17.52	-8373.43	-91.29	482.90	217.01	2.23	PASS
15725.00†	7148.55	110.53	-8008.44	7126.55	7148.55	-17.52	-8373.43	-91.01	386.80	240.63	1.61	PASS
15825.00†	7147.98	108.16	-8108.41	7125.98	7147.98	-17.52	-8373.43	-90.74	293.31	279.67	1.05	PASS
15925.00†	7147.41	105.79	-8208.38	7125.41	7147.41	-17.52	-8373.43	-90.46	206.02	349.83	0.59	FAIL
16025.00†	7146.84	103.42	-8308.35	7124.84	7146.84	-17.52	-8373.43	-90.19	137.34	470.16	0.29	FAIL
16092.57†	7146.45	101.82	-8375.90	7124.36	7146.36	-17.52	-8373.43	-89.96	119.37	526.50	0.23	FAIL
16093.55†	7146.44	101.79	-8376.89	7124.44	7146.44	-17.52	-8373.43	-90.00	119.37	526.54	0.23	FAIL
16125.00†	7146.26	101.05	-8408.32	7124.26	7146.26	-17.52	-8373.43	-89.91	123.60	513.68	0.24	FAIL
16225.00†	7145.69	98.68	-8508.30	7123.69	7145.69	-17.52	-8373.43	-89.64	178.02	394.69	0.45	FAIL
16325.00†	7145.12	96.31	-8608.27	7123.12	7145.12	-17.52	-8373.43	-89.36	260.97	308.65	0.85	FAIL
16425.00†	7144.54	93.94	-8708.24	7122.54	7144.54	-17.52	-8373.43	-89.09	352.87	261.26	1.35	PASS
16525.00†	7143.97	91.57	-8808.21	7121.97	7143.97	-17.52	-8373.43	-88.81	448.25	233.27	1.92	PASS
16625.00†	7143.40	89.20	-8908.18	7121.40	7143.40	-17.52	-8373.43	-88.54	545.29	215.37	2.54	PASS
16725.00†	7142.83	86.83	-9008.15	7120.83	7142.83	-17.52	-8373.43	-88.26	643.24	203.19	3.17	PASS
16825.00†	7142.25	84.46	-9108.12	7120.25	7142.25	-17.52	-8373.43	-87.99	741.73	194.51	3.82	PASS
16925.00†	7141.68	82.09	-9208.09	7119.68	7141.68	-17.52	-8373.43	-87.71	840.58	188.10	4.48	PASS
17025.00†	7141.11	79.72	-9308.06	7119.11	7141.11	-17.52	-8373.43	-87.44	939.67	183.24	5.14	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	13.05	-5726.39	-89.87	5726.40	50.18	116.32	PASS	
125.00†	125.00	0.00	0.00	108.00	125.00	13.05	-5726.39	-89.87	5726.40	50.45	115.70	PASS	
200.00	200.00	0.00	0.00	183.00	200.00	13.05	-5726.39	-89.87	5726.40	51.16	114.07	PASS	
225.00†	225.00	0.04	0.10	208.00	225.00	13.05	-5726.39	-158.64	5726.50	51.45	113.41	PASS	
325.00†	324.96	0.99	2.54	307.96	324.96	13.05	-5726.39	-158.63	5728.94	53.17	109.71	PASS	
425.00†	424.77	3.20	8.23	407.77	424.77	13.05	-5726.39	-158.61	5734.63	55.52	105.10	PASS	
525.00†	524.30	6.67	17.17	507.30	524.30	13.05	-5726.39	-158.58	5743.55	58.33	100.11	PASS	
569.36	568.34	8.61	22.16	551.34	568.34	13.05	-5726.39	-158.57	5748.55	59.71	97.84	PASS	
625.00†	623.52	11.20	28.83	606.52	623.52	13.05	-5726.39	-158.59	5755.22	61.44	95.14	PASS	
725.00†	722.69	15.86	40.82	705.69	722.69	13.05	-5726.39	-158.64	5767.20	64.82	90.30	PASS	
825.00†	821.86	20.51	52.80	804.86	821.86	13.05	-5726.39	-158.69	5779.19	68.40	85.68	PASS	
925.00†	921.03	25.17	64.79	904.03	921.03	13.05	-5726.39	-158.73	5791.19	72.15	81.34	PASS	
1025.00†	1020.20	29.82	76.77	1003.20	1020.20	13.05	-5726.39	-158.78	5803.18	76.02	77.30	PASS	
1125.00†	1119.37	34.48	88.76	1102.37	1119.37	13.05	-5726.39	-158.82	5815.18	80.00	73.56	PASS	
1225.00†	1218.54	39.13	100.74	1201.54	1218.54	13.05	-5726.39	-158.87	5827.19	84.06	70.11	PASS	
1325.00†	1317.71	43.79	112.73	1300.71	1317.71	13.05	-5726.39	-158.91	5839.19	88.19	66.93	PASS	
1425.00†	1416.88	48.44	124.71	1399.88	1416.88	13.05	-5726.39	-158.96	5851.21	92.37	64.00	PASS	
1525.00†	1516.05	53.10	136.70	1499.05	1516.05	13.05	-5726.39	-159.00	5863.22	96.60	61.30	PASS	
1625.00†	1615.22	57.75	148.68	1598.22	1615.22	13.05	-5726.39	-159.05	5875.24	100.87	58.80	PASS	
1725.00†	1714.39	62.41	160.67	1697.39	1714.39	13.05	-5726.39	-159.09	5887.26	105.18	56.48	PASS	
1825.00†	1813.56	67.06	172.65	1796.56	1813.56	13.05	-5726.39	-159.14	5899.29	109.21	54.36	PASS	
1925.00†	1912.73	71.72	184.64	1895.73	1912.73	13.05	-5726.39	-159.18	5911.32	113.49	52.41	PASS	
2025.00†	2011.90	76.37	196.62	1994.90	2011.90	13.05	-5726.39	-159.23	5923.35	117.80	50.58	PASS	
2125.00†	2111.07	81.03	208.61	2094.07	2111.07	13.05	-5726.39	-159.27	5935.38	122.14	48.87	PASS	
2225.00†	2210.24	85.69	220.59	2193.24	2210.24	13.05	-5726.39	-159.32	5947.42	126.50	47.28	PASS	
2325.00†	2309.41	90.34	232.58	2292.41	2309.41	13.05	-5726.39	-159.36	5959.47	130.88	45.78	PASS	
2425.00†	2408.58	95.00	244.56	2391.58	2408.58	13.05	-5726.39	-159.40	5971.51	135.29	44.37	PASS	
2525.00†	2507.75	99.65	256.55	2490.75	2507.75	13.05	-5726.39	-159.45	5983.56	139.71	43.04	PASS	
2625.00†	2606.92	104.31	268.53	2589.92	2606.92	13.05	-5726.39	-159.49	5995.61	144.16	41.79	PASS	
2725.00†	2706.09	108.96	280.52	2689.09	2706.09	13.05	-5726.39	-159.53	6007.67	148.62	40.61	PASS	
2825.00†	2805.26	113.62	292.50	2788.26	2805.26	13.05	-5726.39	-159.57	6019.73	153.10	39.50	PASS	
2925.00†	2904.43	118.27	304.49	2887.43	2904.43	13.05	-5726.39	-159.62	6031.79	157.60	38.44	PASS	
3025.00†	3003.60	122.93	316.47	2986.60	3003.60	13.05	-5726.39	-159.66	6043.86	162.11	37.44	PASS	
3125.00†	3102.77	127.58	328.46	3085.77	3102.77	13.05	-5726.39	-159.70	6055.93	166.64	36.49	PASS	
3225.00†	3201.94	132.24	340.44	3184.94	3201.94	13.05	-5726.39	-159.74	6068.00	171.19	35.59	PASS	
3325.00†	3301.11	136.89	352.43	3284.11	3301.11	13.05	-5726.39	-159.79	6080.08	175.74	34.73	PASS	
3425.00†	3400.28	141.55	364.41	3383.28	3400.28	13.05	-5726.39	-159.83	6092.16	180.32	33.92	PASS	
3525.00†	3499.45	146.21	376.40	3482.45	3499.45	13.05	-5726.39	-159.87	6104.24	184.90	33.14	PASS	
3625.00†	3598.62	150.86	388.39	3581.62	3598.62	13.05	-5726.39	-159.91	6116.32	189.50	32.39	PASS	
3725.00†	3697.79	155.52	400.37	3680.79	3697.79	13.05	-5726.39	-159.95	6128.41	194.11	31.68	PASS	
3825.00†	3796.96	160.17	412.36	3779.96	3796.96	13.05	-5726.39	-159.99	6140.50	198.73	31.01	PASS	
3925.00†	3896.13	164.83	424.34	3879.13	3896.13	13.05	-5726.39	-160.03	6152.60	203.36	30.36	PASS	
4025.00†	3995.30	169.48	436.33	3978.30	3995.30	13.05	-5726.39	-160.07	6164.70	208.00	29.74	PASS	
4125.00†	4094.47	174.14	448.31	4077.47	4094.47	13.05	-5726.39	-160.11	6176.80	212.65	29.14	PASS	
4225.00†	4193.64	178.79	460.30	4176.64	4193.64	13.05	-5726.39	-160.16	6188.90	217.32	28.57	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	4275.81	4292.81	13.05	-5726.39	-160.20	6201.01	221.89	28.02	PASS		
4425.00†	4391.98	188.10	484.27	4374.98	4391.98	13.05	-5726.39	-160.24	6213.12	226.67	27.49	PASS		
4525.00†	4491.15	192.76	496.25	4474.15	4491.15	13.05	-5726.39	-160.28	6225.23	231.36	26.99	PASS		
4625.00†	4590.32	197.41	508.24	4573.32	4590.32	13.05	-5726.39	-160.32	6237.35	236.06	26.50	PASS		
4725.00†	4689.49	202.07	520.22	4672.49	4689.49	13.05	-5726.39	-160.35	6249.47	240.77	26.03	PASS		
4825.00†	4788.66	206.73	532.21	4771.66	4788.66	13.05	-5726.39	-160.39	6261.59	245.49	25.58	PASS		
4925.00†	4887.83	211.38	544.19	4870.83	4887.83	13.05	-5726.39	-160.43	6273.71	250.21	25.14	PASS		
5025.00†	4987.00	216.04	556.18	4970.00	4987.00	13.05	-5726.39	-160.47	6285.84	254.95	24.72	PASS		
5125.00†	5086.17	220.69	568.16	5069.17	5086.17	13.05	-5726.39	-160.51	6297.97	259.69	24.32	PASS		
5225.00†	5185.33	225.35	580.15	5168.33	5185.33	13.05	-5726.39	-160.55	6310.10	264.44	23.92	PASS		
5325.00†	5284.50	230.00	592.13	5267.50	5284.50	13.05	-5726.39	-160.59	6322.24	269.19	23.55	PASS		
5425.00†	5383.67	234.66	604.12	5366.67	5383.67	13.05	-5726.39	-160.63	6334.38	273.95	23.18	PASS		
5525.00†	5482.84	239.31	616.10	5465.84	5482.84	13.05	-5726.39	-160.67	6346.52	278.72	22.83	PASS		
5625.00†	5582.01	243.97	628.09	5565.01	5582.01	13.05	-5726.39	-160.71	6358.67	283.49	22.48	PASS		
5725.00†	5681.18	248.62	640.07	5664.18	5681.18	13.05	-5726.39	-160.74	6370.81	288.27	22.15	PASS		
5825.00†	5780.35	253.28	652.06	5763.35	5780.35	13.05	-5726.39	-160.78	6382.96	293.06	21.83	PASS		
5925.00†	5879.52	257.93	664.04	5862.52	5879.52	13.05	-5726.39	-160.82	6395.12	297.85	21.52	PASS		
6025.00†	5978.69	262.59	676.03	5961.69	5978.69	13.05	-5726.39	-160.86	6407.27	302.65	21.22	PASS		
6125.00†	6077.86	267.25	688.01	6060.86	6077.86	13.05	-5726.39	-160.89	6419.43	307.45	20.93	PASS		
6225.00†	6177.03	271.90	700.00	6160.03	6177.03	13.05	-5726.39	-160.93	6431.59	312.26	20.64	PASS		
6325.00†	6276.20	276.56	711.98	6259.20	6276.20	13.05	-5726.39	-160.97	6443.76	317.07	20.37	PASS		
6425.00†	6375.37	281.21	723.97	6358.37	6375.37	13.05	-5726.39	-161.01	6455.92	321.89	20.10	PASS		
6525.00†	6474.54	285.87	735.95	6457.54	6474.54	13.05	-5726.39	-161.04	6468.09	326.71	19.84	PASS		
6532.63	6482.11	286.22	736.87	6465.11	6482.11	13.05	-5726.39	-161.05	6469.02	327.08	19.82	PASS		
6625.00†	6574.20	290.39	741.26	6557.20	6574.20	13.05	-5726.39	-161.07	6473.59	331.56	19.56	PASS		
6725.00†	6673.48	294.52	750.94	6656.48	6673.48	13.05	-5726.39	-14.94	6463.46	336.62	19.24	PASS		
6825.00†	6769.94	298.18	760.22	6752.94	6769.94	13.05	-5726.39	-8.84	6437.92	342.13	18.85	PASS		
6925.00†	6861.20	301.25	764.71	6844.20	6861.20	13.05	-5726.39	-6.71	6397.59	347.15	18.46	PASS		
7025.00†	6945.03	303.68	769.42	6928.03	6945.03	13.05	-5726.39	-5.77	6343.47	351.66	18.07	PASS		
7125.00†	7019.34	305.39	773.97	7002.34	7019.34	13.05	-5726.39	-5.40	6276.89	355.58	17.69	PASS		
7225.00†	7082.33	306.35	778.42	7065.33	7082.33	13.05	-5726.39	-5.47	6199.48	358.83	17.31	PASS		
7325.00†	7132.43	306.53	782.97	7115.43	7132.43	13.05	-5726.39	-6.04	6113.16	361.35	16.95	PASS		
7425.00†	7168.40	305.93	787.52	7151.40	7168.40	13.05	-5726.39	-7.65	6020.05	363.11	16.61	PASS		
7525.00†	7189.38	304.57	789.88	7172.38	7189.38	13.05	-5726.39	-13.44	5922.44	364.11	16.30	PASS		
7613.44	7195.00	302.75	791.71	7178.00	7195.00	13.05	-5726.39	-102.43	5834.29	364.38	16.04	PASS		
7625.00†	7194.93	302.47	791.15	7177.93	7194.93	13.05	-5726.39	-102.41	5822.73	364.38	16.01	PASS		
7725.00†	7194.36	300.10	-10.82	7177.36	7194.36	13.05	-5726.39	-102.20	5722.77	364.36	15.73	PASS		
7825.00†	7193.79	297.73	-110.79	7176.79	7193.79	13.05	-5726.39	-101.99	5622.81	364.34	15.46	PASS		
7925.00†	7193.22	295.36	-210.76	7176.22	7193.22	13.05	-5726.39	-101.78	5522.84	364.33	15.19	PASS		
8025.00†	7192.64	292.99	-310.73	7175.64	7192.64	13.05	-5726.39	-101.58	5422.88	364.31	14.91	PASS		
8125.00†	7192.07	290.63	-410.70	7175.07	7192.07	13.05	-5726.39	-101.37	5322.93	364.30	14.64	PASS		
8225.00†	7191.50	288.26	-510.67	7174.50	7191.50	13.05	-5726.39	-101.16	5222.97	364.29	14.36	PASS		
8325.00†	7190.93	285.89	-610.64	7173.93	7190.93	13.05	-5726.39	-100.95	5123.01	364.28	14.09	PASS		
8425.00†	7190.35	283.52	-710.61	7173.35	7190.35	13.05	-5726.39	-100.74	5023.06	364.28	13.81	PASS		
8525.00†	7189.78	281.15	-810.58	7172.78	7189.78	13.05	-5726.39	-100.53	4923.11	364.28	13.54	PASS		

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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 MASH [ft]	Sep Ratio	ACR Status	
8625.00†	7189.21	278.78	-910.55	7172.21	7189.21	13.05	-5726.39	-100.32	4823.16	364.28	13.26	PASS	
8725.00†	7188.64	276.41	-1010.52	7171.64	7188.64	13.05	-5726.39	-100.12	4723.21	364.28	12.99	PASS	
8825.00†	7188.06	274.04	-1110.49	7171.06	7188.06	13.05	-5726.39	-99.91	4623.26	364.28	12.71	PASS	
8925.00†	7187.49	271.67	-1210.46	7170.49	7187.49	13.05	-5726.39	-99.70	4523.32	364.29	12.44	PASS	
9025.00†	7186.92	269.30	-1310.44	7169.92	7186.92	13.05	-5726.39	-99.48	4423.38	364.30	12.16	PASS	
9125.00†	7186.34	266.93	-1410.41	7169.34	7186.34	13.05	-5726.39	-99.27	4323.44	364.32	11.89	PASS	
9225.00†	7185.77	264.56	-1510.38	7168.77	7185.77	13.05	-5726.39	-99.06	4223.51	364.34	11.61	PASS	
9325.00†	7185.20	262.19	-1610.35	7168.20	7185.20	13.05	-5726.39	-98.85	4123.57	364.36	11.34	PASS	
9425.00†	7184.63	259.82	-1710.32	7167.63	7184.63	13.05	-5726.39	-98.64	4023.64	364.39	11.06	PASS	
9525.00†	7184.05	257.45	-1810.29	7167.05	7184.05	13.05	-5726.39	-98.43	3923.72	364.42	10.79	PASS	
9625.00†	7183.48	255.08	-1910.26	7166.48	7183.48	13.05	-5726.39	-98.22	3823.80	364.45	10.51	PASS	
9725.00†	7182.91	252.71	-2010.23	7165.91	7182.91	13.05	-5726.39	-98.00	3723.88	364.50	10.23	PASS	
9825.00†	7182.34	250.34	-2110.20	7165.34	7182.34	13.05	-5726.39	-97.79	3623.97	364.54	9.96	PASS	
9925.00†	7181.76	247.97	-2210.17	7164.76	7181.76	13.05	-5726.39	-97.58	3524.06	364.60	9.68	PASS	
10025.00†	7181.19	245.60	-2310.14	7164.19	7181.19	13.05	-5726.39	-97.37	3424.15	364.66	9.41	PASS	
10125.00†	7180.62	243.23	-2410.11	7163.62	7180.62	13.05	-5726.39	-97.15	3324.26	364.73	9.13	PASS	
10225.00†	7180.05	240.86	-2510.08	7163.05	7180.05	13.05	-5726.39	-96.94	3224.36	364.80	8.85	PASS	
10325.00†	7179.47	238.49	-2610.05	7162.47	7179.47	13.05	-5726.39	-96.73	3124.48	364.89	8.58	PASS	
10425.00†	7178.90	236.12	-2710.02	7161.90	7178.90	13.05	-5726.39	-96.51	3024.60	364.99	8.30	PASS	
10525.00†	7178.33	233.75	-2809.99	7161.33	7178.33	13.05	-5726.39	-96.30	2924.74	365.10	8.02	PASS	
10625.00†	7177.76	231.38	-2909.96	7160.76	7177.76	13.05	-5726.39	-96.08	2824.88	365.23	7.75	PASS	
10725.00†	7177.18	229.01	-3009.93	7160.18	7177.18	13.05	-5726.39	-95.87	2725.03	365.37	7.47	PASS	
10825.00†	7176.61	226.64	-3109.90	7159.61	7176.61	13.05	-5726.39	-95.66	2625.19	365.53	7.19	PASS	
10925.00†	7176.04	224.27	-3209.87	7159.04	7176.04	13.05	-5726.39	-95.44	2525.36	365.71	6.92	PASS	
11025.00†	7175.47	221.90	-3309.84	7158.47	7175.47	13.05	-5726.39	-95.23	2425.55	365.92	6.64	PASS	
11125.00†	7174.89	219.53	-3409.81	7157.89	7174.89	13.05	-5726.39	-95.01	2325.76	366.15	6.36	PASS	
11225.00†	7174.32	217.16	-3509.78	7157.32	7174.32	13.05	-5726.39	-94.80	2225.98	366.43	6.08	PASS	
11325.00†	7173.75	214.79	-3609.75	7156.75	7173.75	13.05	-5726.39	-94.58	2126.23	366.74	5.81	PASS	
11425.00†	7173.17	212.42	-3709.72	7156.17	7173.17	13.05	-5726.39	-94.37	2026.50	367.10	5.53	PASS	
11525.00†	7172.60	210.06	-3809.69	7155.60	7172.60	13.05	-5726.39	-94.15	1926.79	367.52	5.25	PASS	
11625.00†	7172.03	207.69	-3909.66	7155.03	7172.03	13.05	-5726.39	-93.94	1827.12	368.02	4.97	PASS	
11725.00†	7171.46	205.32	-4009.63	7154.46	7171.46	13.05	-5726.39	-93.72	1727.49	368.60	4.69	PASS	
11825.00†	7170.88	202.95	-4109.60	7153.88	7170.88	13.05	-5726.39	-93.51	1627.90	369.30	4.41	PASS	
11925.00†	7170.31	200.58	-4209.57	7153.31	7170.31	13.05	-5726.39	-93.29	1528.36	370.13	4.14	PASS	
12025.00†	7169.74	198.21	-4309.54	7152.74	7169.74	13.05	-5726.39	-93.07	1428.89	371.13	3.86	PASS	
12125.00†	7169.17	195.84	-4409.51	7152.17	7169.17	13.05	-5726.39	-92.86	1329.50	372.35	3.58	PASS	
12225.00†	7168.59	193.47	-4509.48	7151.59	7168.59	13.05	-5726.39	-92.64	1230.20	373.87	3.29	PASS	
12325.00†	7168.02	191.10	-4609.45	7151.02	7168.02	13.05	-5726.39	-92.43	1131.03	375.75	3.01	PASS	
12425.00†	7167.45	188.73	-4709.42	7150.45	7167.45	13.05	-5726.39	-92.21	1032.02	378.15	2.73	PASS	
12525.00†	7166.88	186.36	-4809.39	7149.88	7166.88	13.05	-5726.39	-91.99	933.22	381.23	2.45	PASS	
12625.00†	7166.30	183.99	-4909.37	7149.30	7166.30	13.05	-5726.39	-91.78	834.71	385.27	2.17	PASS	
12725.00†	7165.73	181.62	-5009.34	7148.73	7165.73	13.05	-5726.39	-91.56	736.60	390.68	1.89	PASS	
12825.00†	7165.16	179.25	-5109.31	7148.16	7165.16	13.05	-5726.39	-91.34	639.07	398.12	1.61	PASS	
12925.00†	7164.59	176.88	-5209.28	7147.59	7164.59	13.05	-5726.39	-91.13	542.44	408.67	1.33	PASS	
13025.00†	7164.01	174.51	-5309.25	7147.01	7164.01	13.05	-5726.39	-90.91	447.30	424.25	1.05	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
13125.00†	7163.44	172.14	-5409.22	7146.44	7163.44	13.05	-5726.39	-90.70	354.83	448.37	0.79	FAIL	
13225.00†	7162.87	169.77	-5509.19	7145.87	7162.87	13.05	-5726.39	-90.48	267.84	487.61	0.55	FAIL	
13325.00†	7162.30	167.40	-5609.16	7145.30	7162.30	13.05	-5726.39	-90.26	193.82	550.54	0.35	FAIL	
13425.00†	7161.72	165.03	-5709.13	7144.72	7161.72	13.05	-5726.39	-90.05	152.96	613.91	0.25	FAIL	
13445.50†	7161.61	164.55	-5729.62	7144.60	7161.60	13.05	-5726.39	-90.00	151.53	617.46	0.24	FAIL	
13446.91†	7161.60	164.51	-5731.03	7144.60	7161.60	13.05	-5726.39	-90.00	151.53	617.52	0.24	FAIL	
13525.00†	7161.15	162.66	-5809.10	7144.15	7161.15	13.05	-5726.39	-89.83	170.95	587.53	0.29	FAIL	
13625.00†	7160.58	160.29	-5909.07	7143.58	7160.58	13.05	-5726.39	-89.61	234.63	520.24	0.45	FAIL	
13725.00†	7160.00	157.92	-6009.04	7143.00	7160.00	13.05	-5726.39	-89.40	317.62	473.13	0.67	FAIL	
13825.00†	7159.43	155.55	-6109.01	7142.43	7159.43	13.05	-5726.39	-89.18	408.30	444.06	0.92	FAIL	
13925.00†	7158.86	153.18	-6208.98	7141.86	7158.86	13.05	-5726.39	-88.96	502.53	425.44	1.18	PASS	
14025.00†	7158.29	150.81	-6308.95	7141.29	7158.29	13.05	-5726.39	-88.75	598.63	412.88	1.45	PASS	
14125.00†	7157.71	148.44	-6408.92	7140.71	7157.71	13.05	-5726.39	-88.53	695.83	404.03	1.72	PASS	
14225.00†	7157.14	146.07	-6508.89	7140.14	7157.14	13.05	-5726.39	-88.31	793.73	397.54	2.00	PASS	
14325.00†	7156.57	143.70	-6608.86	7139.57	7156.57	13.05	-5726.39	-88.10	892.09	392.66	2.27	PASS	
14425.00†	7156.00	141.33	-6708.83	7139.00	7156.00	13.05	-5726.39	-87.88	990.78	388.89	2.55	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 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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

Facility: SEC.21-T06N-R66W Slot: SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21) Well: DONN 4N-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	-20.04	0.00	180.00	20.04	1.56	31.79	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	-20.04	0.00	180.00	20.04	1.88	20.81	PASS	
200.00	200.00	0.00	0.00	200.00	200.00	-20.04	0.00	180.00	20.04	2.30	14.29	PASS	
225.00†	225.00	0.04	0.10	225.00	225.00	-20.04	0.00	111.52	20.08	2.44	12.95	PASS	
325.00†	324.96	0.99	2.54	325.01	325.01	-20.02	0.11	117.82	21.16	3.12	9.35	PASS	
425.00†	424.77	3.20	8.23	425.21	425.17	-19.58	2.70	124.87	23.44	4.13	7.09	PASS	
525.00†	524.30	6.67	17.17	525.52	525.29	-18.55	8.75	129.70	26.60	5.30	5.91	PASS	
569.36	568.34	8.61	22.16	570.06	569.66	-17.90	12.54	131.21	28.24	5.77	5.67	PASS	
625.00†	623.52	11.20	28.83	625.95	625.25	-16.93	18.26	131.91	30.10	6.24	5.52	PASS	
725.00†	722.69	15.86	40.82	726.10	724.63	-14.85	30.46	129.98	32.47	6.87	5.34	PASS	
825.00†	821.86	20.51	52.80	826.07	823.81	-12.74	42.84	128.01	34.77	7.55	5.13	PASS	
925.00†	921.03	25.17	64.79	926.04	922.98	-10.63	55.22	126.28	37.11	8.31	4.92	PASS	
1025.00†	1020.20	29.82	76.77	1026.00	1022.16	-8.53	67.60	124.76	39.48	9.13	4.71	PASS	
1125.00†	1119.37	34.48	88.76	1125.97	1121.33	-6.42	79.98	123.41	41.87	9.99	4.53	PASS	
1225.00†	1218.54	39.13	100.74	1225.94	1220.51	-4.31	92.36	122.21	44.29	10.88	4.37	PASS	
1325.00†	1317.71	43.79	112.73	1325.90	1319.68	-2.20	104.74	121.14	46.72	11.80	4.22	PASS	
1425.00†	1416.88	48.44	124.71	1425.87	1418.85	-0.09	117.12	120.17	49.16	12.73	4.10	PASS	
1525.00†	1516.05	53.10	136.70	1525.84	1518.03	2.02	129.51	119.29	51.62	13.68	3.98	PASS	
1625.00†	1615.22	57.75	148.68	1625.80	1617.20	4.12	141.89	118.49	54.09	14.63	3.89	PASS	
1725.00†	1714.39	62.41	160.67	1725.77	1716.38	6.23	154.27	117.76	56.57	15.60	3.80	PASS	
1825.00†	1813.56	67.06	172.65	1825.74	1815.55	8.34	166.65	117.10	59.06	15.85	3.85	PASS	
1925.00†	1912.73	71.72	184.64	1925.70	1914.73	10.45	179.03	116.48	61.56	15.95	3.99	PASS	
2025.00†	2011.90	76.37	196.62	2025.67	2013.90	12.56	191.41	115.92	64.06	16.14	4.11	PASS	
2125.00†	2111.07	81.03	208.61	2125.64	2113.08	14.67	203.79	115.40	66.57	16.39	4.20	PASS	
2225.00†	2210.24	85.69	220.59	2225.60	2212.25	16.77	216.17	114.91	69.08	16.72	4.27	PASS	
2325.00†	2309.41	90.34	232.58	2325.57	2311.43	18.88	228.56	114.46	71.60	17.11	4.32	PASS	
2425.00†	2408.58	95.00	244.56	2425.54	2410.60	20.99	240.94	114.04	74.12	17.57	4.35	PASS	
2525.00†	2507.75	99.65	256.55	2525.50	2509.78	23.10	253.32	113.65	76.65	18.08	4.37	PASS	
2625.00†	2606.92	104.31	268.53	2625.47	2608.95	25.21	265.70	113.28	79.18	18.64	4.38	PASS	
2725.00†	2706.09	108.96	280.52	2725.44	2708.13	27.32	278.08	112.94	81.71	19.25	4.37	PASS	
2825.00†	2805.26	113.62	292.50	2825.40	2807.30	29.43	290.46	112.61	84.24	19.90	4.35	PASS	
2925.00†	2904.43	118.27	304.49	2925.37	2906.47	31.53	302.84	112.31	86.78	20.60	4.33	PASS	
3025.00†	3003.60	122.93	316.47	3025.34	3005.65	33.64	315.22	112.02	89.32	21.32	4.30	PASS	
3125.00†	3102.77	127.58	328.46	3125.31	3104.82	35.75	327.61	111.75	91.86	22.08	4.26	PASS	
3225.00†	3201.94	132.24	340.44	3225.27	3204.00	37.86	339.99	111.49	94.40	22.87	4.23	PASS	
3325.00†	3301.11	136.89	352.43	3325.24	3303.17	39.97	352.37	111.25	96.95	23.68	4.19	PASS	
3425.00†	3400.28	141.55	364.41	3425.21	3402.35	42.08	364.75	111.02	99.50	24.52	4.15	PASS	
3525.00†	3499.45	146.21	376.40	3525.17	3501.52	44.18	377.13	110.80	102.05	25.37	4.11	PASS	
3625.00†	3598.62	150.86	388.39	3625.14	3600.70	46.29	389.51	110.59	104.60	26.24	4.07	PASS	
3725.00†	3697.79	155.52	400.37	3725.11	3699.87	48.40	401.89	110.39	107.15	27.14	4.03	PASS	
3825.00†	3796.96	160.17	412.36	3825.07	3799.05	50.51	414.27	110.20	109.70	28.04	3.99	PASS	
3925.00†	3896.13	164.83	424.34	3925.04	3898.22	52.62	426.66	110.02	112.25	28.96	3.95	PASS	
4025.00†	3995.30	169.48	436.33	4025.01	3997.40	54.73	439.04	109.85	114.81	29.89	3.91	PASS	
4125.00†	4094.47	174.14	448.31	4124.97	4096.57	56.83	451.42	109.68	117.36	30.83	3.87	PASS	
4225.00†	4193.64	178.79	460.30	4224.94	4195.75	58.94	463.80	109.53	119.92	31.79	3.84	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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

Facility: SEC.21-T06N-R66W Slot: SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21) Well: DONN 4N-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†	4292.81	183.45	472.28	4324.91	4294.92	61.05	476.18	109.37	122.48	32.75	3.80	PASS	
4425.00†	4391.98	188.10	484.27	4424.87	4394.09	63.16	488.56	109.23	125.04	33.72	3.77	PASS	
4525.00†	4491.15	192.76	496.25	4524.84	4493.27	65.27	500.94	109.09	127.59	34.69	3.73	PASS	
4625.00†	4590.32	197.41	508.24	4624.81	4592.44	67.38	513.32	108.95	130.15	35.68	3.70	PASS	
4725.00†	4689.49	202.07	520.22	4724.77	4691.62	69.48	525.71	108.83	132.72	36.67	3.67	PASS	
4825.00†	4788.66	206.73	532.21	4824.74	4790.79	71.59	538.09	108.70	135.28	37.67	3.64	PASS	
4925.00†	4887.83	211.38	544.19	4924.71	4889.97	73.70	550.47	108.58	137.84	38.67	3.61	PASS	
5025.00†	4987.00	216.04	556.18	5024.67	4989.14	75.81	562.85	108.47	140.40	39.68	3.58	PASS	
5125.00†	5086.17	220.69	568.16	5124.64	5088.32	77.92	575.23	108.36	142.96	40.69	3.56	PASS	
5225.00†	5185.33	225.35	580.15	5224.61	5187.49	80.03	587.61	108.25	145.53	41.71	3.53	PASS	
5325.00†	5284.50	230.00	592.13	5324.57	5286.67	82.14	599.99	108.15	148.09	42.73	3.51	PASS	
5425.00†	5383.67	234.66	604.12	5424.54	5385.84	84.24	612.37	108.05	150.66	43.75	3.48	PASS	
5525.00†	5482.84	239.31	616.10	5524.51	5485.02	86.35	624.76	107.95	153.22	44.78	3.46	PASS	
5625.00†	5582.01	243.97	628.09	5624.47	5584.19	88.46	637.14	107.86	155.79	45.81	3.44	PASS	
5725.00†	5681.18	248.62	640.07	5724.44	5683.37	90.57	649.52	107.77	158.35	46.85	3.42	PASS	
5825.00†	5780.35	253.28	652.06	5824.41	5782.54	92.68	661.90	107.68	160.92	47.89	3.40	PASS	
5925.00†	5879.52	257.93	664.04	5924.37	5881.71	94.79	674.28	107.59	163.48	48.93	3.38	PASS	
6025.00†	5978.69	262.59	676.03	6024.34	5980.89	96.89	686.66	107.51	166.05	49.97	3.36	PASS	
6125.00†	6077.86	267.25	688.01	6124.31	6080.06	99.00	699.04	107.43	168.62	51.01	3.34	PASS	
6225.00†	6177.03	271.90	700.00	6224.28	6179.24	101.11	711.42	107.35	171.19	52.06	3.32	PASS	
6325.00†	6276.20	276.56	711.98	6324.24	6278.41	103.22	723.81	107.28	173.75	53.11	3.30	PASS	
6425.00†	6375.37	281.21	723.97	6424.21	6377.59	105.33	736.19	107.21	176.32	54.16	3.29	PASS	
6525.00†	6474.54	285.87	735.95	6524.17	6477.85	107.28	748.57	107.14	178.89	55.21	3.26	PASS	
6532.63	6482.11	286.22	736.87	6532.26	6485.38	107.42	741.07	109.86	178.88	55.43	3.26	PASS	
6625.00†	6574.20	290.39	741.26	6622.40	6574.89	108.82	731.15	-146.97	181.85	56.83	3.23	PASS	
6725.00†	6673.48	294.52	730.94	6717.85	6667.13	109.94	707.00	-94.36	186.24	58.56	3.21	PASS	
6825.00†	6769.94	298.18	705.22	6811.31	6752.98	110.64	670.27	-83.82	191.52	60.18	3.21	PASS	
6925.00†	6861.20	301.25	664.71	6903.05	6831.13	110.94	622.38	-77.75	197.27	61.20	3.25	PASS	
7025.00†	6945.03	303.68	610.42	6993.30	6900.53	110.85	564.80	-73.37	203.09	62.34	3.28	PASS	
7125.00†	7019.34	305.39	543.69	7082.31	6960.33	110.38	498.97	-70.05	208.59	63.78	3.30	PASS	
7225.00†	7082.33	306.35	466.16	7170.33	7009.87	109.57	426.31	-67.53	213.44	65.72	3.27	PASS	
7325.00†	7132.43	306.53	379.73	7257.56	7048.64	108.44	348.24	-65.71	217.38	68.24	3.21	PASS	
7425.00†	7168.40	305.93	286.54	7344.26	7076.23	107.00	266.14	-64.51	220.19	71.36	3.11	PASS	
7525.00†	7189.38	304.57	188.88	7430.61	7092.39	105.29	181.40	-63.89	221.75	75.03	2.97	PASS	
7613.44	7195.00	302.75	100.71	7506.88	7097.01	103.58	105.34	-63.81	222.02	78.65	2.84	PASS	
7625.00†	7194.93	302.47	89.15	7517.70	7096.96	103.32	94.52	-63.81	222.01	79.16	2.82	PASS	
7725.00†	7194.36	300.10	-10.82	7617.70	7096.31	100.94	-5.45	-63.80	222.05	84.07	2.66	PASS	
7825.00†	7193.79	297.73	-110.79	7717.70	7095.66	98.57	-105.42	-63.78	222.10	89.48	2.49	PASS	
7925.00†	7193.22	295.36	-210.76	7817.70	7095.01	96.19	-205.39	-63.76	222.14	95.31	2.34	PASS	
8025.00†	7192.64	292.99	-310.73	7917.70	7094.36	93.81	-305.36	-63.74	222.18	101.48	2.20	PASS	
8125.00†	7192.07	290.63	-410.70	8017.70	7093.71	91.44	-405.33	-63.73	222.22	107.95	2.07	PASS	
8225.00†	7191.50	288.26	-510.67	8117.70	7093.06	89.06	-505.30	-63.71	222.26	114.66	1.94	PASS	
8325.00†	7190.93	285.89	-610.64	8217.70	7092.41	86.68	-605.27	-63.69	222.30	121.56	1.83	PASS	
8425.00†	7190.35	283.52	-710.61	8317.70	7091.76	84.31	-705.24	-63.68	222.34	128.63	1.73	PASS	
8525.00†	7189.78	281.15	-810.58	8417.70	7091.11	81.93	-805.21	-63.66	222.38	135.84	1.64	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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

Facility: SEC.21-T06N-R66W Slot: SLOTH16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21) Well: DONN 4N-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†	7189.21	278.78	-910.55	8517.70	7090.46	79.55	-905.18	-63.64	222.42	143.17	1.56	PASS	
8725.00†	7188.64	276.41	-1010.52	8617.70	7089.81	77.18	-1005.15	-63.62	222.46	150.60	1.48	PASS	
8825.00†	7188.06	274.04	-1110.49	8717.70	7089.16	74.80	-1105.11	-63.61	222.50	158.11	1.41	PASS	
8925.00†	7187.49	271.67	-1210.46	8817.70	7088.51	72.42	-1205.08	-63.59	222.54	165.70	1.34	PASS	
9025.00†	7186.92	269.30	-1310.44	8917.70	7087.86	70.05	-1305.05	-63.57	222.58	173.35	1.29	PASS	
9125.00†	7186.34	266.93	-1410.41	9017.70	7087.21	67.67	-1405.02	-63.56	222.62	181.05	1.23	PASS	
9225.00†	7185.77	264.56	-1510.38	9117.70	7086.56	65.29	-1504.99	-63.54	222.66	188.80	1.18	PASS	
9325.00†	7185.20	262.19	-1610.35	9217.70	7085.91	62.92	-1604.96	-63.52	222.70	196.60	1.13	PASS	
9425.00†	7184.63	259.82	-1710.32	9317.70	7085.26	60.54	-1704.93	-63.50	222.74	204.43	1.09	PASS	
9525.00†	7184.05	257.45	-1810.29	9417.70	7084.61	58.16	-1804.90	-63.49	222.79	212.30	1.05	PASS	
9625.00†	7183.48	255.08	-1910.26	9517.70	7083.96	55.79	-1904.87	-63.47	222.83	220.19	1.01	PASS	
9725.00†	7182.91	252.71	-2010.23	9617.70	7083.31	53.41	-2004.84	-63.45	222.87	228.11	0.98	FAIL	
9825.00†	7182.34	250.34	-2110.20	9717.70	7082.66	51.04	-2104.81	-63.44	222.91	236.05	0.94	FAIL	
9925.00†	7181.76	247.97	-2210.17	9817.70	7082.01	48.66	-2204.78	-63.42	222.95	244.01	0.91	FAIL	
10025.00†	7181.19	245.60	-2310.14	9917.70	7081.36	46.28	-2304.75	-63.40	222.99	251.99	0.88	FAIL	
10125.00†	7180.62	243.23	-2410.11	10017.70	7080.71	43.91	-2404.72	-63.39	223.03	259.99	0.86	FAIL	
10225.00†	7180.05	240.86	-2510.08	10117.70	7080.06	41.53	-2504.69	-63.37	223.07	268.00	0.83	FAIL	
10325.00†	7179.47	238.49	-2610.05	10217.70	7079.40	39.15	-2604.66	-63.35	223.11	276.02	0.81	FAIL	
10425.00†	7178.90	236.12	-2710.02	10317.70	7078.75	36.78	-2704.63	-63.33	223.15	284.06	0.79	FAIL	
10525.00†	7178.33	233.75	-2809.99	10417.70	7078.10	34.40	-2804.60	-63.32	223.19	292.10	0.76	FAIL	
10625.00†	7177.76	231.38	-2909.96	10517.70	7077.45	32.02	-2904.57	-63.30	223.23	300.16	0.74	FAIL	
10725.00†	7177.18	229.01	-3009.93	10617.70	7076.80	29.65	-3004.54	-63.28	223.28	308.22	0.72	FAIL	
10825.00†	7176.61	226.64	-3109.90	10717.70	7076.15	27.27	-3104.51	-63.27	223.32	316.30	0.71	FAIL	
10925.00†	7176.04	224.27	-3209.87	10817.70	7075.50	24.89	-3204.48	-63.25	223.36	324.38	0.69	FAIL	
11025.00†	7175.47	221.90	-3309.84	10917.70	7074.85	22.52	-3304.45	-63.23	223.40	332.46	0.67	FAIL	
11125.00†	7174.89	219.53	-3409.81	11017.70	7074.20	20.14	-3404.42	-63.22	223.44	340.55	0.66	FAIL	
11225.00†	7174.32	217.16	-3509.78	11117.70	7073.55	17.76	-3504.39	-63.20	223.48	348.65	0.64	FAIL	
11325.00†	7173.75	214.79	-3609.75	11217.70	7072.90	15.39	-3604.36	-63.18	223.52	356.75	0.63	FAIL	
11425.00†	7173.17	212.42	-3709.72	11317.70	7072.25	13.01	-3704.32	-63.16	223.56	364.85	0.61	FAIL	
11525.00†	7172.60	210.06	-3809.69	11417.70	7071.60	10.63	-3804.29	-63.15	223.60	372.96	0.60	FAIL	
11625.00†	7172.03	207.69	-3909.66	11517.70	7070.95	8.26	-3904.26	-63.13	223.65	381.07	0.59	FAIL	
11725.00†	7171.46	205.32	-4009.63	11617.70	7070.30	5.88	-4004.23	-63.11	223.69	389.19	0.57	FAIL	
11825.00†	7170.88	202.95	-4109.60	11717.70	7069.65	3.50	-4104.20	-63.10	223.73	397.31	0.56	FAIL	
11925.00†	7170.31	200.58	-4209.57	11817.70	7069.00	1.13	-4204.17	-63.08	223.77	405.43	0.55	FAIL	
12025.00†	7169.74	198.21	-4309.54	11917.70	7068.35	-1.25	-4304.14	-63.06	223.81	413.55	0.54	FAIL	
12125.00†	7169.17	195.84	-4409.51	12017.70	7067.70	-3.63	-4404.11	-63.05	223.85	421.67	0.53	FAIL	
12225.00†	7168.59	193.47	-4509.48	12117.70	7067.05	-6.00	-4504.08	-63.03	223.89	429.80	0.52	FAIL	
12325.00†	7168.02	191.10	-4609.45	12217.70	7066.40	-8.38	-4604.05	-63.01	223.93	437.93	0.51	FAIL	
12425.00†	7167.45	188.73	-4709.42	12317.70	7065.75	-10.75	-4704.02	-63.00	223.98	446.05	0.50	FAIL	
12525.00†	7166.88	186.36	-4809.39	12417.70	7065.10	-13.13	-4803.99	-62.98	224.02	454.18	0.49	FAIL	
12625.00†	7166.30	183.99	-4909.37	12517.70	7064.45	-15.51	-4903.96	-62.96	224.06	462.31	0.48	FAIL	
12725.00†	7165.73	181.62	-5009.34	12617.70	7063.80	-17.88	-5003.93	-62.94	224.10	470.44	0.48	FAIL	
12825.00†	7165.16	179.25	-5109.31	12717.70	7063.15	-20.26	-5103.90	-62.93	224.14	478.57	0.47	FAIL	
12925.00†	7164.59	176.88	-5209.28	12817.70	7062.50	-22.64	-5203.87	-62.91	224.18	486.70	0.46	FAIL	
13025.00†	7164.01	174.51	-5309.25	12917.70	7061.85	-25.01	-5303.84	-62.89	224.22	494.84	0.45	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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

Facility: SEC.21-T06N-R66W Slot: SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21) Well: DONN 4N-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	
13125.00†	7163.44	172.14	-5409.22	13017.70	7061.20	-27.39	-5403.81	-62.88	224.27	502.97	0.45	FAIL	
13225.00†	7162.87	169.77	-5509.19	13117.70	7060.55	-29.77	-5503.78	-62.86	224.31	511.10	0.44	FAIL	
13325.00†	7162.30	167.40	-5609.16	13217.70	7059.90	-32.14	-5603.75	-62.84	224.35	519.23	0.43	FAIL	
13425.00†	7161.72	165.03	-5709.13	13317.70	7059.25	-34.52	-5703.72	-62.83	224.39	527.36	0.42	FAIL	
13525.00†	7161.15	162.66	-5809.10	13417.70	7058.60	-36.90	-5803.69	-62.81	224.43	535.49	0.42	FAIL	
13625.00†	7160.58	160.29	-5909.07	13517.70	7057.95	-39.27	-5903.66	-62.79	224.47	543.62	0.41	FAIL	
13725.00†	7160.00	157.92	-6009.04	13617.70	7057.30	-41.65	-6003.63	-62.78	224.51	551.75	0.41	FAIL	
13825.00†	7159.43	155.55	-6109.01	13717.70	7056.65	-44.03	-6103.60	-62.76	224.56	559.88	0.40	FAIL	
13925.00†	7158.86	153.18	-6208.98	13817.70	7056.00	-46.40	-6203.57	-62.74	224.60	568.01	0.39	FAIL	
14025.00†	7158.29	150.81	-6308.95	13917.70	7055.35	-48.78	-6303.53	-62.73	224.64	576.14	0.39	FAIL	
14125.00†	7157.71	148.44	-6408.92	14017.70	7054.70	-51.16	-6403.50	-62.71	224.68	584.27	0.38	FAIL	
14225.00†	7157.14	146.07	-6508.89	14117.70	7054.05	-53.53	-6503.47	-62.69	224.72	592.39	0.38	FAIL	
14325.00†	7156.57	143.70	-6608.86	14217.70	7053.40	-55.91	-6603.44	-62.68	224.76	600.52	0.37	FAIL	
14425.00†	7156.00	141.33	-6708.83	14317.70	7052.75	-58.29	-6703.41	-62.66	224.81	608.64	0.37	FAIL	
14525.00†	7155.42	138.96	-6808.80	14417.70	7052.10	-60.66	-6803.38	-62.64	224.85	616.76	0.36	FAIL	
14625.00†	7154.85	136.59	-6908.77	14517.70	7051.45	-63.04	-6903.35	-62.63	224.89	624.89	0.36	FAIL	
14725.00†	7154.28	134.22	-7008.74	14617.70	7050.80	-65.42	-7003.32	-62.61	224.93	633.01	0.35	FAIL	
14825.00†	7153.71	131.85	-7108.71	14717.70	7050.15	-67.79	-7103.29	-62.59	224.97	641.13	0.35	FAIL	
14925.00†	7153.13	129.49	-7208.68	14817.70	7049.50	-70.17	-7203.26	-62.58	225.02	649.24	0.35	FAIL	
15025.00†	7152.56	127.12	-7308.65	14917.70	7048.85	-72.55	-7303.23	-62.56	225.06	657.36	0.34	FAIL	
15125.00†	7151.99	124.75	-7408.62	15017.70	7048.20	-74.92	-7403.20	-62.54	225.10	665.48	0.34	FAIL	
15225.00†	7151.42	122.38	-7508.59	15117.70	7047.55	-77.30	-7503.17	-62.53	225.14	673.59	0.33	FAIL	
15325.00†	7150.84	120.01	-7608.56	15217.69	7046.90	-79.67	-7603.14	-62.51	225.18	681.70	0.33	FAIL	
15425.00†	7150.27	117.64	-7708.53	15317.69	7046.25	-82.05	-7703.11	-62.49	225.22	689.82	0.33	FAIL	
15525.00†	7149.70	115.27	-7808.50	15417.69	7045.60	-84.43	-7803.08	-62.48	225.27	697.93	0.32	FAIL	
15625.00†	7149.13	112.90	-7908.47	15517.69	7044.95	-86.80	-7903.05	-62.46	225.31	706.03	0.32	FAIL	
15725.00†	7148.55	110.53	-8008.44	15617.69	7044.29	-89.18	-8003.02	-62.44	225.35	714.14	0.31	FAIL	
15825.00†	7147.98	108.16	-8108.41	15717.69	7043.64	-91.56	-8102.99	-62.43	225.39	722.25	0.31	FAIL	
15925.00†	7147.41	105.79	-8208.38	15817.69	7042.99	-93.93	-8202.96	-62.41	225.43	730.35	0.31	FAIL	
16025.00†	7146.84	103.42	-8308.35	15917.69	7042.34	-96.31	-8302.93	-62.39	225.48	738.45	0.30	FAIL	
16125.00†	7146.26	101.05	-8408.32	16017.69	7041.69	-98.69	-8402.90	-62.38	225.52	746.55	0.30	FAIL	
16225.00†	7145.69	98.68	-8508.30	16117.69	7041.04	-101.06	-8502.87	-62.36	225.56	754.65	0.30	FAIL	
16325.00†	7145.12	96.31	-8608.27	16217.69	7040.39	-103.44	-8602.84	-62.34	225.60	762.75	0.30	FAIL	
16425.00†	7144.54	93.94	-8708.24	16317.69	7039.74	-105.82	-8702.81	-62.33	225.64	770.85	0.29	FAIL	
16525.00†	7143.97	91.57	-8808.21	16417.69	7039.09	-108.19	-8802.77	-62.31	225.69	778.94	0.29	FAIL	
16625.00†	7143.40	89.20	-8908.18	16517.69	7038.44	-110.57	-8902.74	-62.29	225.73	787.03	0.29	FAIL	
16725.00†	7142.83	86.83	-9008.15	16617.69	7037.79	-112.95	-9002.71	-62.28	225.77	795.12	0.28	FAIL	
16825.00†	7142.25	84.46	-9108.12	16717.69	7037.14	-115.32	-9102.68	-62.26	225.81	803.21	0.28	FAIL	
16925.00†	7141.68	82.09	-9208.09	16817.69	7036.49	-117.70	-9202.65	-62.24	225.86	811.30	0.28	FAIL	
17025.00†	7141.11	79.72	-9308.06	16917.69	7035.84	-120.08	-9302.62	-62.23	225.90	819.38	0.28	FAIL	
17125.00†	7140.54	77.35	-9408.03	17017.69	7035.19	-122.45	-9402.59	-62.21	225.94	827.47	0.27	FAIL	
17225.00†	7139.96	74.98	-9508.00	17117.69	7034.54	-124.83	-9502.56	-62.19	225.98	835.55	0.27	FAIL	
17325.00†	7139.39	72.61	-9607.97	17217.69	7033.89	-127.21	-9602.53	-62.18	226.02	843.63	0.27	FAIL	
17425.00†	7138.82	70.24	-9707.94	17317.69	7033.24	-129.58	-9702.50	-62.16	226.07	851.71	0.26	FAIL	
17525.00†	7138.25	67.87	-9807.91	17417.69	7032.59	-131.96	-9802.47	-62.14	226.11	859.78	0.26	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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

Facility: SEC.21-T06N-R66W Slot: SLOT#16 DONN 4N-20C-L (798'FNL & 251'FEL, SEC.21) Well: DONN 4N-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	
17625.00†	7137.67	65.50	-9907.88	17517.69	7031.94	-134.34	-9902.44	-62.13	226.15	867.86	0.26	FAIL	
17725.00†	7137.10	63.13	-10007.85	17617.69	7031.29	-136.71	-10002.41	-62.11	226.19	875.93	0.26	FAIL	
17825.00†	7136.53	60.76	-10107.82	17717.69	7030.64	-139.09	-10102.38	-62.09	226.24	884.00	0.26	FAIL	
17917.24†	7136.00	58.58	-10200.03	17809.93	7030.04	-141.28	-10194.59	-62.08	226.27	891.44	0.25	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: DONN 4N-20C-L PWB Offset Wellpath: DONN 4N-20C-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 4N-20C-L PWB Offset Wellpath: DONN 4N-20C-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	1740.42	-12.21	0.00	-4.05	47.94
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1740.42	-12.21	0.00	-4.05	47.94
8.5in Open Hole	1750.00	17816.30	16066.30	1740.42	N/A	-4.05	47.94	N/A	N/A

SURVEY PROGRAM - Offset Wellbore: DONN 4N-20C-L PWB Offset Wellpath: DONN 4N-20C-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 4N-20C-L PWB
1750.00	17816.30	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 4N-20C-L PWB

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

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	38.28	-4394.38	-89.50	4394.55	50.17	89.29	PASS		
125.00†	125.00	0.00	0.00	101.00	125.00	38.28	-4394.38	-89.50	4394.55	50.39	88.90	PASS		
200.00	200.00	0.00	0.00	176.00	200.00	38.28	-4394.38	-89.50	4394.55	51.09	87.65	PASS		
225.00†	225.00	0.04	0.10	201.00	225.00	38.28	-4394.38	-158.27	4394.65	51.33	87.23	PASS		
325.00†	324.96	0.99	2.54	300.96	324.96	38.28	-4394.38	-158.27	4397.08	53.01	84.46	PASS		
425.00†	424.77	3.20	8.23	400.77	424.77	38.28	-4394.38	-158.26	4402.75	55.33	80.97	PASS		
525.00†	524.30	6.67	17.17	500.30	524.30	38.28	-4394.38	-158.24	4411.66	58.11	77.18	PASS		
569.36	568.34	8.61	22.16	544.34	568.34	38.28	-4394.38	-158.22	4416.64	59.49	75.44	PASS		
625.00†	623.52	11.20	28.83	599.52	623.52	38.28	-4394.38	-158.26	4423.29	61.21	73.40	PASS		
725.00†	722.69	15.86	40.82	698.69	722.69	38.28	-4394.38	-158.32	4435.25	64.57	69.71	PASS		
825.00†	821.86	20.51	52.80	797.86	821.86	38.28	-4394.38	-158.38	4447.22	68.14	66.18	PASS		
925.00†	921.03	25.17	64.79	897.03	921.03	38.28	-4394.38	-158.44	4459.19	71.88	62.86	PASS		
1025.00†	1020.20	29.82	76.77	996.20	1020.20	38.28	-4394.38	-158.50	4471.16	75.75	59.77	PASS		
1125.00†	1119.37	34.48	88.76	1095.37	1119.37	38.28	-4394.38	-158.56	4483.14	79.72	56.91	PASS		
1225.00†	1218.54	39.13	100.74	1194.54	1218.54	38.28	-4394.38	-158.62	4495.12	83.78	54.27	PASS		
1325.00†	1317.71	43.79	112.73	1293.71	1317.71	38.28	-4394.38	-158.68	4507.11	87.90	51.83	PASS		
1425.00†	1416.88	48.44	124.71	1392.88	1416.88	38.28	-4394.38	-158.74	4519.10	92.08	49.59	PASS		
1525.00†	1516.05	53.10	136.70	1492.05	1516.05	38.28	-4394.38	-158.80	4531.10	96.31	47.51	PASS		
1625.00†	1615.22	57.75	148.68	1591.22	1615.22	38.28	-4394.38	-158.86	4543.10	100.58	45.60	PASS		
1725.00†	1714.39	62.41	160.67	1690.39	1714.39	38.28	-4394.38	-158.92	4555.11	104.88	43.83	PASS		
1825.00†	1813.56	67.06	172.65	1789.56	1813.56	38.28	-4394.38	-158.97	4567.12	108.91	42.20	PASS		
1925.00†	1912.73	71.72	184.64	1888.73	1912.73	38.28	-4394.38	-159.03	4579.14	113.19	40.70	PASS		
2025.00†	2011.90	76.37	196.62	1987.90	2011.90	38.28	-4394.38	-159.09	4591.16	117.50	39.31	PASS		
2125.00†	2111.07	81.03	208.61	2087.07	2111.07	38.28	-4394.38	-159.15	4603.19	121.83	38.00	PASS		
2225.00†	2210.24	85.69	220.59	2186.24	2210.24	38.28	-4394.38	-159.20	4615.22	126.19	36.77	PASS		
2325.00†	2309.41	90.34	232.58	2285.41	2309.41	38.28	-4394.38	-159.26	4627.25	130.58	35.63	PASS		
2425.00†	2408.58	95.00	244.56	2384.58	2408.58	38.28	-4394.38	-159.32	4639.29	134.98	34.55	PASS		
2525.00†	2507.75	99.65	256.55	2483.75	2507.75	38.28	-4394.38	-159.37	4651.33	139.41	33.53	PASS		
2625.00†	2606.92	104.31	268.53	2582.92	2606.92	38.28	-4394.38	-159.43	4663.38	143.85	32.57	PASS		
2725.00†	2706.09	108.96	280.52	2682.09	2706.09	38.28	-4394.38	-159.48	4675.43	148.31	31.67	PASS		
2825.00†	2805.26	113.62	292.50	2781.26	2805.26	38.28	-4394.38	-159.54	4687.49	152.79	30.82	PASS		
2925.00†	2904.43	118.27	304.49	2880.43	2904.43	38.28	-4394.38	-159.59	4699.55	157.29	30.01	PASS		
3025.00†	3003.60	122.93	316.47	2979.60	3003.60	38.28	-4394.38	-159.65	4711.61	161.81	29.24	PASS		
3125.00†	3102.77	127.58	328.46	3078.77	3102.77	38.28	-4394.38	-159.70	4723.68	166.33	28.52	PASS		
3225.00†	3201.94	132.24	340.44	3177.94	3201.94	38.28	-4394.38	-159.76	4735.76	170.88	27.83	PASS		
3325.00†	3301.11	136.89	352.43	3277.11	3301.11	38.28	-4394.38	-159.81	4747.83	175.43	27.17	PASS		
3425.00†	3400.28	141.55	364.41	3376.28	3400.28	38.28	-4394.38	-159.86	4759.91	180.01	26.54	PASS		
3525.00†	3499.45	146.21	376.40	3475.45	3499.45	38.28	-4394.38	-159.92	4772.00	184.59	25.95	PASS		
3625.00†	3598.62	150.86	388.39	3574.62	3598.62	38.28	-4394.38	-159.97	4784.09	189.19	25.38	PASS		
3725.00†	3697.79	155.52	400.37	3673.79	3697.79	38.28	-4394.38	-160.02	4796.18	193.79	24.84	PASS		
3825.00†	3796.96	160.17	412.36	3772.96	3796.96	38.28	-4394.38	-160.07	4808.28	198.41	24.32	PASS		
3925.00†	3896.13	164.83	424.34	3872.13	3896.13	38.28	-4394.38	-160.12	4820.38	203.05	23.82	PASS		
4025.00†	3995.30	169.48	436.33	3971.30	3995.30	38.28	-4394.38	-160.18	4832.49	207.69	23.34	PASS		
4125.00†	4094.47	174.14	448.31	4070.47	4094.47	38.28	-4394.38	-160.23	4844.59	212.34	22.89	PASS		
4225.00†	4193.64	178.79	460.30	4169.64	4193.64	38.28	-4394.38	-160.28	4856.71	217.00	22.45	PASS		

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	4268.81	4292.81	38.28	-4394.38	-160.33	4868.82	221.68	22.03	PASS	
4425.00†	4391.98	188.10	484.27	4367.98	4391.98	38.28	-4394.38	-160.38	4880.94	226.36	21.63	PASS	
4525.00†	4491.15	192.76	496.25	4467.15	4491.15	38.28	-4394.38	-160.43	4893.07	231.05	21.24	PASS	
4625.00†	4590.32	197.41	508.24	4566.32	4590.32	38.28	-4394.38	-160.48	4905.20	235.75	20.87	PASS	
4725.00†	4689.49	202.07	520.22	4665.49	4689.49	38.28	-4394.38	-160.53	4917.33	240.46	20.51	PASS	
4825.00†	4788.66	206.73	532.21	4764.66	4788.66	38.28	-4394.38	-160.58	4929.46	245.18	20.16	PASS	
4925.00†	4887.83	211.38	544.19	4863.83	4887.83	38.28	-4394.38	-160.63	4941.60	249.90	19.83	PASS	
5025.00†	4987.00	216.04	556.18	4963.00	4987.00	38.28	-4394.38	-160.68	4953.74	254.63	19.51	PASS	
5125.00†	5086.17	220.69	568.16	5062.17	5086.17	38.28	-4394.38	-160.73	4965.89	259.37	19.20	PASS	
5225.00†	5185.33	225.35	580.15	5161.33	5185.33	38.28	-4394.38	-160.78	4978.04	264.12	18.90	PASS	
5325.00†	5284.50	230.00	592.13	5260.50	5284.50	38.28	-4394.38	-160.83	4990.19	268.88	18.61	PASS	
5425.00†	5383.67	234.66	604.12	5359.67	5383.67	38.28	-4394.38	-160.88	5002.35	273.64	18.33	PASS	
5525.00†	5482.84	239.31	616.10	5458.84	5482.84	38.28	-4394.38	-160.92	5014.51	278.41	18.05	PASS	
5625.00†	5582.01	243.97	628.09	5558.01	5582.01	38.28	-4394.38	-160.97	5026.68	283.18	17.79	PASS	
5725.00†	5681.18	248.62	640.07	5657.18	5681.18	38.28	-4394.38	-161.02	5038.84	287.96	17.54	PASS	
5825.00†	5780.35	253.28	652.06	5756.35	5780.35	38.28	-4394.38	-161.07	5051.01	292.75	17.29	PASS	
5925.00†	5879.52	257.93	664.04	5855.52	5879.52	38.28	-4394.38	-161.11	5063.19	297.54	17.06	PASS	
6025.00†	5978.69	262.59	676.03	5954.69	5978.69	38.28	-4394.38	-161.16	5075.36	302.33	16.82	PASS	
6125.00†	6077.86	267.25	688.01	6053.86	6077.86	38.28	-4394.38	-161.21	5087.55	307.14	16.60	PASS	
6225.00†	6177.03	271.90	700.00	6153.03	6177.03	38.28	-4394.38	-161.25	5099.73	311.95	16.38	PASS	
6325.00†	6276.20	276.56	711.98	6252.20	6276.20	38.28	-4394.38	-161.30	5111.92	316.76	16.17	PASS	
6425.00†	6375.37	281.21	723.97	6351.37	6375.37	38.28	-4394.38	-161.35	5124.11	321.58	15.97	PASS	
6525.00†	6474.54	285.87	735.95	6450.54	6474.54	38.28	-4394.38	-161.39	5136.30	326.40	15.77	PASS	
6532.63	6482.11	286.22	736.87	6458.11	6482.11	38.28	-4394.38	-161.40	5137.23	326.77	15.75	PASS	
6625.00†	6574.20	290.39	741.26	6550.20	6574.20	38.28	-4394.38	-63.02	5141.82	331.24	15.55	PASS	
6725.00†	6673.48	294.52	730.94	6649.48	6673.48	38.28	-4394.38	-15.31	5131.72	336.31	15.29	PASS	
6825.00†	6769.94	298.18	705.22	6745.94	6769.94	38.28	-4394.38	-9.24	5106.21	341.82	14.97	PASS	
6925.00†	6861.20	301.25	664.71	6837.20	6861.20	38.28	-4394.38	-7.15	5065.92	346.84	14.63	PASS	
7025.00†	6945.03	303.68	610.42	6921.03	6945.03	38.28	-4394.38	-6.28	5011.83	351.36	14.29	PASS	
7125.00†	7019.34	305.39	543.69	6995.34	7019.34	38.28	-4394.38	-6.02	4945.29	355.28	13.95	PASS	
7225.00†	7082.33	306.35	466.16	7058.33	7082.33	38.28	-4394.38	-6.25	4867.92	358.53	13.60	PASS	
7325.00†	7132.43	306.53	379.73	7108.43	7132.43	38.28	-4394.38	-7.11	4781.64	361.05	13.27	PASS	
7425.00†	7168.40	305.93	286.54	7144.40	7168.40	38.28	-4394.38	-9.31	4688.56	362.81	12.95	PASS	
7525.00†	7189.38	304.57	188.88	7165.38	7189.38	38.28	-4394.38	-16.98	4590.98	363.82	12.64	PASS	
7613.44	7195.00	302.75	100.71	7171.00	7195.00	38.28	-4394.38	-99.27	4502.86	364.09	12.39	PASS	
7625.00†	7194.93	302.47	89.15	7170.93	7194.93	38.28	-4394.38	-99.25	4491.30	364.09	12.36	PASS	
7725.00†	7194.36	300.10	-10.82	7170.36	7194.36	38.28	-4394.38	-99.04	4391.37	364.07	12.08	PASS	
7825.00†	7193.79	297.73	-110.79	7169.79	7193.79	38.28	-4394.38	-98.84	4291.44	364.05	11.81	PASS	
7925.00†	7193.22	295.36	-210.76	7169.22	7193.22	38.28	-4394.38	-98.64	4191.51	364.04	11.53	PASS	
8025.00†	7192.64	292.99	-310.73	7168.64	7192.64	38.28	-4394.38	-98.44	4091.58	364.03	11.26	PASS	
8125.00†	7192.07	290.63	-410.70	7168.07	7192.07	38.28	-4394.38	-98.23	3991.66	364.03	10.98	PASS	
8225.00†	7191.50	288.26	-510.67	7167.50	7191.50	38.28	-4394.38	-98.03	3891.74	364.02	10.71	PASS	
8325.00†	7190.93	285.89	-610.64	7166.93	7190.93	38.28	-4394.38	-97.82	3791.83	364.03	10.43	PASS	
8425.00†	7190.35	283.52	-710.61	7166.35	7190.35	38.28	-4394.38	-97.62	3691.92	364.03	10.16	PASS	
8525.00†	7189.78	281.15	-810.58	7165.78	7189.78	38.28	-4394.38	-97.42	3592.01	364.04	9.88	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	7165.21	7189.21	38.28	-4394.38	-97.21	3492.12	364.05	9.61	PASS	
8725.00†	7188.64	276.41	-1010.52	7164.64	7188.64	38.28	-4394.38	-97.01	3392.22	364.07	9.33	PASS	
8825.00†	7188.06	274.04	-1110.49	7164.06	7188.06	38.28	-4394.38	-96.80	3292.34	364.09	9.06	PASS	
8925.00†	7187.49	271.67	-1210.46	7163.49	7187.49	38.28	-4394.38	-96.60	3192.46	364.12	8.78	PASS	
9025.00†	7186.92	269.30	-1310.44	7162.92	7186.92	38.28	-4394.38	-96.39	3092.58	364.16	8.51	PASS	
9125.00†	7186.34	266.93	-1410.41	7162.34	7186.34	38.28	-4394.38	-96.19	2992.72	364.21	8.23	PASS	
9225.00†	7185.77	264.56	-1510.38	7161.77	7185.77	38.28	-4394.38	-95.98	2892.87	364.26	7.96	PASS	
9325.00†	7185.20	262.19	-1610.35	7161.20	7185.20	38.28	-4394.38	-95.78	2793.02	364.32	7.68	PASS	
9425.00†	7184.63	259.82	-1710.32	7160.63	7184.63	38.28	-4394.38	-95.57	2693.19	364.40	7.40	PASS	
9525.00†	7184.05	257.45	-1810.29	7160.05	7184.05	38.28	-4394.38	-95.36	2593.37	364.49	7.13	PASS	
9625.00†	7183.48	255.08	-1910.26	7159.48	7183.48	38.28	-4394.38	-95.16	2493.56	364.59	6.85	PASS	
9725.00†	7182.91	252.71	-2010.23	7158.91	7182.91	38.28	-4394.38	-94.95	2393.78	364.71	6.57	PASS	
9825.00†	7182.34	250.34	-2110.20	7158.34	7182.34	38.28	-4394.38	-94.75	2294.00	364.85	6.30	PASS	
9925.00†	7181.76	247.97	-2210.17	7157.76	7181.76	38.28	-4394.38	-94.54	2194.25	365.02	6.02	PASS	
10025.00†	7181.19	245.60	-2310.14	7157.19	7181.19	38.28	-4394.38	-94.33	2094.53	365.21	5.74	PASS	
10125.00†	7180.62	243.23	-2410.11	7156.62	7180.62	38.28	-4394.38	-94.13	1994.83	365.45	5.47	PASS	
10225.00†	7180.05	240.86	-2510.08	7156.05	7180.05	38.28	-4394.38	-93.92	1895.16	365.72	5.19	PASS	
10325.00†	7179.47	238.49	-2610.05	7155.47	7179.47	38.28	-4394.38	-93.71	1795.53	366.05	4.91	PASS	
10425.00†	7178.90	236.12	-2710.02	7154.90	7178.90	38.28	-4394.38	-93.51	1695.94	366.45	4.64	PASS	
10525.00†	7178.33	233.75	-2809.99	7154.33	7178.33	38.28	-4394.38	-93.30	1596.40	366.92	4.36	PASS	
10625.00†	7177.76	231.38	-2909.96	7153.76	7177.76	38.28	-4394.38	-93.09	1496.93	367.51	4.08	PASS	
10725.00†	7177.18	229.01	-3009.93	7153.18	7177.18	38.28	-4394.38	-92.88	1397.53	368.22	3.80	PASS	
10825.00†	7176.61	226.64	-3109.90	7152.61	7176.61	38.28	-4394.38	-92.68	1298.22	369.11	3.52	PASS	
10925.00†	7176.04	224.27	-3209.87	7152.04	7176.04	38.28	-4394.38	-92.47	1199.02	370.23	3.24	PASS	
11025.00†	7175.47	221.90	-3309.84	7151.47	7175.47	38.28	-4394.38	-92.26	1099.97	371.65	2.96	PASS	
11125.00†	7174.89	219.53	-3409.81	7150.89	7174.89	38.28	-4394.38	-92.05	1001.11	373.49	2.68	PASS	
11225.00†	7174.32	217.16	-3509.78	7150.32	7174.32	38.28	-4394.38	-91.85	902.50	375.91	2.40	PASS	
11325.00†	7173.75	214.79	-3609.75	7149.75	7173.75	38.28	-4394.38	-91.64	804.24	379.16	2.12	PASS	
11425.00†	7173.17	212.42	-3709.72	7149.17	7173.17	38.28	-4394.38	-91.43	706.46	383.62	1.84	PASS	
11525.00†	7172.60	210.06	-3809.69	7148.60	7172.60	38.28	-4394.38	-91.22	609.40	389.91	1.56	PASS	
11625.00†	7172.03	207.69	-3909.66	7148.03	7172.03	38.28	-4394.38	-91.02	513.47	399.07	1.29	PASS	
11725.00†	7171.46	205.32	-4009.63	7147.46	7171.46	38.28	-4394.38	-90.81	419.44	412.97	1.02	PASS	
11825.00†	7170.88	202.95	-4109.60	7146.88	7170.88	38.28	-4394.38	-90.60	328.96	435.03	0.76	FAIL	
11925.00†	7170.31	200.58	-4209.57	7146.31	7170.31	38.28	-4394.38	-90.39	245.95	471.13	0.52	FAIL	
12025.00†	7169.74	198.21	-4309.54	7145.74	7169.74	38.28	-4394.38	-90.18	181.03	524.57	0.34	FAIL	
12114.09†	7169.23	196.10	-4398.61	7145.21	7169.21	38.28	-4394.38	-89.99	157.87	556.82	0.28	FAIL	
12114.91†	7169.22	196.08	-4399.43	7145.22	7169.22	38.28	-4394.38	-90.00	157.88	556.85	0.28	FAIL	
12125.00†	7169.17	195.84	-4409.51	7145.17	7169.17	38.28	-4394.38	-89.98	158.28	556.68	0.28	FAIL	
12225.00†	7168.59	193.47	-4509.48	7144.59	7168.59	38.28	-4394.38	-89.77	193.22	519.05	0.37	FAIL	
12325.00†	7168.02	191.10	-4609.45	7144.02	7168.02	38.28	-4394.38	-89.56	263.84	471.46	0.56	FAIL	
12425.00†	7167.45	188.73	-4709.42	7143.45	7167.45	38.28	-4394.38	-89.35	349.13	439.99	0.79	FAIL	
12525.00†	7166.88	186.36	-4809.39	7142.88	7166.88	38.28	-4394.38	-89.15	440.64	420.30	1.05	PASS	
12625.00†	7166.30	183.99	-4909.37	7142.30	7166.30	38.28	-4394.38	-88.94	535.20	407.48	1.31	PASS	
12725.00†	7165.73	181.62	-5009.34	7141.73	7165.73	38.28	-4394.38	-88.73	631.44	398.73	1.58	PASS	
12825.00†	7165.16	179.25	-5109.31	7141.16	7165.16	38.28	-4394.38	-88.52	728.69	392.51	1.86	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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
12925.00†	7164.59	176.88	-5209.28	7140.59	7164.59	38.28	-4394.38	-88.31	826.60	387.93	2.13	PASS
13025.00†	7164.01	174.51	-5309.25	7140.01	7164.01	38.28	-4394.38	-88.11	924.95	384.47	2.41	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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20B-L PWB Offset Wellpath: DONN 30N-20B-L PWP (REV-A.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	20.04	0.28	0.80	20.04	1.57	31.71	PASS	
125.00†	125.00	0.00	0.00	126.00	125.00	20.04	0.28	0.80	20.04	1.89	20.70	PASS	
200.00	200.00	0.00	0.00	201.00	200.00	20.04	0.28	0.80	20.04	2.30	14.22	PASS	
225.00†	225.00	0.04	0.10	226.00	225.00	20.04	0.28	-68.27	20.00	2.45	12.84	PASS	
325.00†	324.96	0.99	2.54	325.89	324.89	20.10	0.38	-75.24	19.23	3.06	8.69	PASS	
385.49†	385.36	2.17	5.60	386.19	385.18	20.71	1.39	-81.55	19.01	3.46	7.22	PASS	
425.00†	424.77	3.20	8.23	425.61	424.56	21.46	2.64	-85.78	19.10	3.70	6.63	PASS	
525.00†	524.30	6.67	17.17	525.43	524.20	24.62	7.87	-96.08	20.22	4.41	5.59	PASS	
569.36	568.34	8.61	22.16	569.75	568.35	26.60	11.14	-100.19	21.10	4.79	5.26	PASS	
625.00†	623.52	11.20	28.83	625.38	623.68	29.58	16.08	-103.48	22.37	5.28	4.96	PASS	
725.00†	722.69	15.86	40.82	725.40	722.84	36.33	27.27	-102.22	24.55	6.14	4.55	PASS	
825.00†	821.86	20.51	52.80	825.35	821.71	43.91	39.82	-97.69	26.76	7.07	4.23	PASS	
925.00†	921.03	25.17	64.79	925.31	920.58	51.49	52.38	-93.86	29.11	8.06	3.96	PASS	
1025.00†	1020.20	29.82	76.77	1025.26	1019.46	59.07	64.94	-90.62	31.56	9.08	3.77	PASS	
1125.00†	1119.37	34.48	88.76	1125.22	1118.33	66.65	77.50	-87.86	34.11	10.11	3.62	PASS	
1225.00†	1218.54	39.13	100.74	1225.17	1217.20	74.23	90.05	-85.48	36.72	11.13	3.52	PASS	
1325.00†	1317.71	43.79	112.73	1325.13	1316.08	81.81	102.61	-83.42	39.38	12.15	3.43	PASS	
1425.00†	1416.88	48.44	124.71	1425.08	1414.95	89.39	115.17	-81.62	42.09	13.16	3.37	PASS	
1525.00†	1516.05	53.10	136.70	1525.04	1513.82	96.97	127.73	-80.05	44.84	14.17	3.32	PASS	
1625.00†	1615.22	57.75	148.68	1624.99	1612.69	104.56	140.28	-78.65	47.62	15.17	3.28	PASS	
1725.00†	1714.39	62.41	160.67	1724.95	1711.57	112.14	152.84	-77.41	50.42	16.16	3.25	PASS	
1825.00†	1813.56	67.06	172.65	1824.90	1810.44	119.72	165.40	-76.30	53.24	16.40	3.35	PASS	
1925.00†	1912.73	71.72	184.64	1924.86	1909.31	127.30	177.96	-75.31	56.08	16.46	3.51	PASS	
2025.00†	2011.90	76.37	196.62	2024.82	2008.19	134.88	190.51	-74.41	58.94	16.60	3.66	PASS	
2125.00†	2111.07	81.03	208.61	2124.77	2107.06	142.46	203.07	-73.59	61.81	16.82	3.79	PASS	
2225.00†	2210.24	85.69	220.59	2224.73	2205.93	150.04	215.63	-72.85	64.69	17.11	3.90	PASS	
2325.00†	2309.41	90.34	232.58	2324.68	2304.80	157.62	228.19	-72.16	67.58	17.47	3.99	PASS	
2425.00†	2408.58	95.00	244.56	2424.64	2403.68	165.20	240.75	-71.54	70.48	17.90	4.06	PASS	
2525.00†	2507.75	99.65	256.55	2524.59	2502.55	172.78	253.30	-70.96	73.39	18.38	4.11	PASS	
2625.00†	2606.92	104.31	268.53	2624.55	2601.42	180.36	265.86	-70.43	76.30	18.92	4.15	PASS	
2725.00†	2706.09	108.96	280.52	2724.50	2700.30	187.94	278.42	-69.94	79.22	19.51	4.18	PASS	
2825.00†	2805.26	113.62	292.50	2824.46	2799.17	195.52	290.98	-69.48	82.15	20.14	4.19	PASS	
2925.00†	2904.43	118.27	304.49	2924.41	2898.04	203.10	303.53	-69.06	85.08	20.82	4.20	PASS	
3025.00†	3003.60	122.93	316.47	3024.37	2996.92	210.68	316.09	-68.66	88.01	21.53	4.19	PASS	
3125.00†	3102.77	127.58	328.46	3124.32	3095.79	218.27	328.65	-68.29	90.95	22.27	4.18	PASS	
3225.00†	3201.94	132.24	340.44	3224.28	3194.66	225.85	341.21	-67.94	93.89	23.05	4.17	PASS	
3325.00†	3301.11	136.89	352.43	3324.23	3293.53	233.43	353.76	-67.61	96.84	23.85	4.15	PASS	
3425.00†	3400.28	141.55	364.41	3424.19	3392.41	241.01	366.32	-67.30	99.79	24.68	4.13	PASS	
3525.00†	3499.45	146.21	376.40	3524.14	3491.28	248.59	378.88	-67.01	102.74	25.53	4.11	PASS	
3625.00†	3598.62	150.86	388.39	3624.10	3590.15	256.17	391.44	-66.74	105.69	26.39	4.09	PASS	
3725.00†	3697.79	155.52	400.37	3724.05	3689.03	263.75	403.99	-66.48	108.65	27.28	4.06	PASS	
3825.00†	3796.96	160.17	412.36	3824.01	3787.90	271.33	416.55	-66.23	111.61	28.18	4.04	PASS	
3925.00†	3896.13	164.83	424.34	3923.96	3886.77	278.91	429.11	-66.00	114.57	29.09	4.01	PASS	
4025.00†	3995.30	169.48	436.33	4023.92	3985.65	286.49	441.67	-65.78	117.53	30.02	3.99	PASS	
4125.00†	4094.47	174.14	448.31	4123.87	4084.52	294.07	454.22	-65.57	120.49	30.96	3.96	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: DONN 30N-20B-L PWB Offset Wellpath: DONN 30N-20B-L PWP (REV-A.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	
4225.00†	4193.64	178.79	460.30	4223.83	4183.39	301.65	466.78	-65.37	123.46	31.91	3.93	PASS	
4325.00†	4292.81	183.45	472.28	4323.78	4282.26	309.23	479.34	-65.18	126.42	32.87	3.91	PASS	
4425.00†	4391.98	188.10	484.27	4423.74	4381.14	316.81	491.90	-65.00	129.39	33.84	3.88	PASS	
4525.00†	4491.15	192.76	496.25	4523.69	4480.01	324.40	504.46	-64.82	132.36	34.82	3.86	PASS	
4625.00†	4590.32	197.41	508.24	4623.65	4578.88	331.98	517.01	-64.66	135.33	35.81	3.84	PASS	
4725.00†	4689.49	202.07	520.22	4723.60	4677.76	339.56	529.57	-64.50	138.30	36.80	3.81	PASS	
4825.00†	4788.66	206.73	532.21	4823.56	4776.63	347.14	542.13	-64.35	141.27	37.80	3.79	PASS	
4925.00†	4887.83	211.38	544.19	4923.51	4875.50	354.72	554.69	-64.20	144.25	38.80	3.77	PASS	
5025.00†	4987.00	216.04	556.18	5023.47	4974.38	362.30	567.24	-64.06	147.22	39.81	3.75	PASS	
5125.00†	5086.17	220.69	568.16	5123.42	5073.25	369.88	579.80	-63.93	150.20	40.82	3.73	PASS	
5225.00†	5185.33	225.35	580.15	5223.38	5172.12	377.46	592.36	-63.80	153.17	41.84	3.71	PASS	
5325.00†	5284.50	230.00	592.13	5323.33	5270.99	385.04	604.92	-63.67	156.15	42.87	3.69	PASS	
5425.00†	5383.67	234.66	604.12	5423.29	5369.87	392.62	617.47	-63.55	159.13	43.89	3.67	PASS	
5525.00†	5482.84	239.31	616.10	5523.24	5468.74	400.20	630.03	-63.44	162.11	44.92	3.65	PASS	
5625.00†	5582.01	243.97	628.09	5623.20	5567.61	407.78	642.59	-63.33	165.08	45.96	3.63	PASS	
5725.00†	5681.18	248.62	640.07	5723.15	5666.49	415.36	655.15	-63.22	168.06	47.00	3.62	PASS	
5825.00†	5780.35	253.28	652.06	5823.11	5765.36	422.94	667.70	-63.11	171.04	48.04	3.60	PASS	
5925.00†	5879.52	257.93	664.04	5923.06	5864.23	430.52	680.26	-63.01	174.02	49.08	3.58	PASS	
6025.00†	5978.69	262.59	676.03	6023.02	5963.11	438.11	692.82	-62.92	177.01	50.12	3.57	PASS	
6125.00†	6077.86	267.25	688.01	6122.98	6061.98	445.69	705.38	-62.82	179.99	51.17	3.55	PASS	
6225.00†	6177.03	271.90	700.00	6222.93	6160.85	453.27	717.93	-62.73	182.97	52.22	3.54	PASS	
6325.00†	6276.20	276.56	711.98	6322.89	6259.72	460.85	730.49	-62.65	185.95	53.27	3.52	PASS	
6425.00†	6375.37	281.21	723.97	6424.58	6360.52	468.53	741.35	-63.14	188.71	54.35	3.50	PASS	
6525.00†	6474.54	285.87	735.95	6525.77	6461.28	475.88	738.17	-67.79	190.49	55.74	3.45	PASS	
6532.63	6482.11	286.22	736.87	6533.25	6468.69	476.41	737.30	-68.32	190.66	55.92	3.44	PASS	
6625.00†	6574.20	290.39	741.26	6622.10	6555.62	482.42	720.33	23.52	194.07	57.37	3.41	PASS	
6725.00†	6673.48	294.52	730.94	6715.22	6643.29	488.17	689.73	64.69	200.28	58.35	3.46	PASS	
6825.00†	6769.94	298.18	705.22	6805.58	6723.25	493.10	648.09	65.00	208.42	58.88	3.57	PASS	
6925.00†	6861.20	301.25	664.71	6893.60	6794.75	497.18	597.03	62.20	217.68	59.33	3.70	PASS	
7025.00†	6945.03	303.68	610.42	6979.67	6857.24	500.42	538.04	59.11	227.27	59.55	3.85	PASS	
7125.00†	7019.34	305.39	543.69	7064.12	6910.32	502.80	472.47	56.33	236.50	61.09	3.90	PASS	
7225.00†	7082.33	306.35	466.16	7147.28	6953.68	504.35	401.59	54.04	244.79	62.37	3.96	PASS	
7325.00†	7132.43	306.53	379.73	7229.43	6987.13	505.07	326.63	52.26	251.69	64.67	3.92	PASS	
7425.00†	7168.40	305.93	286.54	7310.85	7010.52	504.99	248.70	51.00	256.87	67.31	3.85	PASS	
7525.00†	7189.38	304.57	188.88	7391.77	7023.75	504.11	168.93	50.23	260.09	70.49	3.72	PASS	
7613.44	7195.00	302.75	100.71	7463.85	7026.98	502.67	96.98	49.96	261.18	73.68	3.57	PASS	
7625.00†	7194.93	302.47	89.15	7475.41	7026.91	502.40	85.42	49.96	261.18	74.15	3.55	PASS	
7725.00†	7194.36	300.10	-10.82	7575.41	7026.31	500.03	-14.55	49.95	261.20	78.35	3.35	PASS	
7825.00†	7193.79	297.73	-110.79	7675.41	7025.70	497.66	-114.52	49.95	261.22	82.97	3.17	PASS	
7925.00†	7193.22	295.36	-210.76	7775.41	7025.10	495.29	-214.49	49.94	261.24	87.94	2.99	PASS	
8025.00†	7192.64	292.99	-310.73	7875.41	7024.50	492.92	-314.46	49.94	261.25	93.21	2.82	PASS	
8125.00†	7192.07	290.63	-410.70	7975.41	7023.90	490.55	-414.43	49.93	261.27	98.74	2.66	PASS	
8225.00†	7191.50	288.26	-510.67	8075.41	7023.30	488.18	-514.40	49.93	261.29	104.48	2.51	PASS	
8325.00†	7190.93	285.89	-610.64	8175.41	7022.70	485.81	-614.37	49.92	261.31	110.39	2.38	PASS	
8425.00†	7190.35	283.52	-710.61	8275.41	7022.09	483.44	-714.34	49.92	261.33	116.46	2.25	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20B-L PWB Offset Wellpath: DONN 30N-20B-L PWP (REV-A.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	
8525.00†	7189.78	281.15	-810.58	8375.41	7021.49	481.07	-814.31	49.91	261.35	122.66	2.14	PASS	
8625.00†	7189.21	278.78	-910.55	8475.41	7020.89	478.70	-914.28	49.91	261.37	128.96	2.03	PASS	
8725.00†	7188.64	276.41	-1010.52	8575.41	7020.29	476.33	-1014.25	49.90	261.39	135.37	1.94	PASS	
8825.00†	7188.06	274.04	-1110.49	8675.41	7019.69	473.96	-1114.22	49.90	261.40	141.85	1.85	PASS	
8925.00†	7187.49	271.67	-1210.46	8775.41	7019.08	471.59	-1214.19	49.89	261.42	148.40	1.77	PASS	
9025.00†	7186.92	269.30	-1310.44	8875.41	7018.48	469.22	-1314.16	49.89	261.44	155.01	1.69	PASS	
9125.00†	7186.34	266.93	-1410.41	8975.41	7017.88	466.85	-1414.13	49.89	261.46	161.68	1.62	PASS	
9225.00†	7185.77	264.56	-1510.38	9075.41	7017.28	464.48	-1514.10	49.88	261.48	168.39	1.56	PASS	
9325.00†	7185.20	262.19	-1610.35	9175.41	7016.68	462.11	-1614.07	49.88	261.50	174.66	1.50	PASS	
9425.00†	7184.63	259.82	-1710.32	9275.41	7016.08	459.74	-1714.04	49.87	261.52	181.94	1.44	PASS	
9525.00†	7184.05	257.45	-1810.29	9375.41	7015.47	457.37	-1814.01	49.87	261.53	188.76	1.39	PASS	
9625.00†	7183.48	255.08	-1910.26	9475.41	7014.87	455.00	-1913.98	49.86	261.55	195.62	1.34	PASS	
9725.00†	7182.91	252.71	-2010.23	9575.41	7014.27	452.63	-2013.95	49.86	261.57	202.49	1.29	PASS	
9825.00†	7182.34	250.34	-2110.20	9675.41	7013.67	450.26	-2113.92	49.85	261.59	209.40	1.25	PASS	
9925.00†	7181.76	247.97	-2210.17	9775.41	7013.07	447.89	-2213.89	49.85	261.61	216.32	1.21	PASS	
10025.00†	7181.19	245.60	-2310.14	9875.41	7012.47	445.52	-2313.86	49.84	261.63	223.26	1.17	PASS	
10125.00†	7180.62	243.23	-2410.11	9975.41	7011.86	443.15	-2413.83	49.84	261.65	230.22	1.14	PASS	
10225.00†	7180.05	240.86	-2510.08	10075.41	7011.26	440.78	-2513.80	49.83	261.66	237.20	1.10	PASS	
10325.00†	7179.47	238.49	-2610.05	10175.41	7010.66	438.41	-2613.77	49.83	261.68	244.19	1.07	PASS	
10425.00†	7178.90	236.12	-2710.02	10275.41	7010.06	436.04	-2713.74	49.82	261.70	251.19	1.04	PASS	
10525.00†	7178.33	233.75	-2809.99	10375.41	7009.46	433.67	-2813.71	49.82	261.72	258.21	1.01	PASS	
10625.00†	7177.76	231.38	-2909.96	10475.41	7008.85	431.30	-2913.68	49.81	261.74	265.23	0.99	FAIL	
10725.00†	7177.18	229.01	-3009.93	10575.41	7008.25	428.93	-3013.65	49.81	261.76	272.27	0.96	FAIL	
10825.00†	7176.61	226.64	-3109.90	10675.41	7007.65	426.56	-3113.62	49.80	261.78	279.31	0.94	FAIL	
10925.00†	7176.04	224.27	-3209.87	10775.41	7007.05	424.19	-3213.59	49.80	261.80	286.36	0.91	FAIL	
11025.00†	7175.47	221.90	-3309.84	10875.41	7006.45	421.82	-3313.56	49.79	261.81	293.42	0.89	FAIL	
11125.00†	7174.89	219.53	-3409.81	10975.41	7005.85	419.45	-3413.53	49.79	261.83	300.49	0.87	FAIL	
11225.00†	7174.32	217.16	-3509.78	11075.41	7005.24	417.08	-3513.50	49.78	261.85	307.56	0.85	FAIL	
11325.00†	7173.75	214.79	-3609.75	11175.41	7004.64	414.71	-3613.47	49.78	261.87	314.64	0.83	FAIL	
11425.00†	7173.17	212.42	-3709.72	11275.41	7004.04	412.34	-3713.44	49.77	261.89	321.73	0.81	FAIL	
11525.00†	7172.60	210.06	-3809.69	11375.41	7003.44	409.97	-3813.41	49.77	261.91	328.82	0.80	FAIL	
11625.00†	7172.03	207.69	-3909.66	11475.41	7002.84	407.60	-3913.38	49.76	261.93	335.91	0.78	FAIL	
11725.00†	7171.46	205.32	-4009.63	11575.41	7002.24	405.23	-4013.35	49.76	261.94	343.01	0.76	FAIL	
11825.00†	7170.88	202.95	-4109.60	11675.41	7001.63	402.86	-4113.32	49.75	261.96	350.11	0.75	FAIL	
11925.00†	7170.31	200.58	-4209.57	11775.41	7001.03	400.49	-4213.29	49.75	261.98	357.22	0.73	FAIL	
12025.00†	7169.74	198.21	-4309.54	11875.41	7000.43	398.12	-4313.26	49.74	262.00	364.33	0.72	FAIL	
12125.00†	7169.17	195.84	-4409.51	11975.41	6999.83	395.75	-4413.23	49.74	262.02	371.44	0.70	FAIL	
12225.00†	7168.59	193.47	-4509.48	12075.41	6999.23	393.38	-4513.20	49.73	262.04	378.56	0.69	FAIL	
12325.00†	7168.02	191.10	-4609.45	12175.41	6998.62	391.01	-4613.17	49.73	262.06	385.68	0.68	FAIL	
12425.00†	7167.45	188.73	-4709.42	12275.41	6998.02	388.64	-4713.14	49.72	262.08	392.80	0.67	FAIL	
12525.00†	7166.88	186.36	-4809.39	12375.41	6997.42	386.27	-4813.11	49.72	262.09	399.92	0.65	FAIL	
12625.00†	7166.30	183.99	-4909.37	12475.41	6996.82	383.90	-4913.08	49.71	262.11	407.05	0.64	FAIL	
12725.00†	7165.73	181.62	-5009.34	12575.41	6996.22	381.53	-5013.05	49.71	262.13	414.18	0.63	FAIL	
12825.00†	7165.16	179.25	-5109.31	12675.41	6995.62	379.16	-5113.02	49.70	262.15	421.31	0.62	FAIL	
12925.00†	7164.59	176.88	-5209.28	12775.41	6995.01	376.79	-5212.99	49.70	262.17	428.44	0.61	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20B-L PWB Offset Wellpath: DONN 30N-20B-L PWP (REV-A.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	
13025.00†	7164.01	174.51	-5309.25	12875.41	6994.41	374.42	-5312.96	49.69	262.19	435.57	0.60	FAIL	
13125.00†	7163.44	172.14	-5409.22	12975.41	6993.81	372.05	-5412.93	49.69	262.21	442.71	0.59	FAIL	
13225.00†	7162.87	169.77	-5509.19	13075.41	6993.21	369.68	-5512.90	49.68	262.23	449.84	0.58	FAIL	
13325.00†	7162.30	167.40	-5609.16	13175.41	6992.61	367.31	-5612.87	49.68	262.24	456.98	0.57	FAIL	
13425.00†	7161.72	165.03	-5709.13	13275.41	6992.01	364.94	-5712.84	49.67	262.26	464.12	0.56	FAIL	
13525.00†	7161.15	162.66	-5809.10	13375.41	6991.40	362.57	-5812.81	49.67	262.28	471.26	0.56	FAIL	
13625.00†	7160.58	160.29	-5909.07	13475.41	6990.80	360.20	-5912.78	49.66	262.30	478.40	0.55	FAIL	
13725.00†	7160.00	157.92	-6009.04	13575.41	6990.20	357.83	-6012.76	49.66	262.32	485.54	0.54	FAIL	
13825.00†	7159.43	155.55	-6109.01	13675.41	6989.60	355.46	-6112.73	49.65	262.34	492.68	0.53	FAIL	
13925.00†	7158.86	153.18	-6208.98	13775.41	6989.00	353.09	-6212.70	49.65	262.36	499.83	0.52	FAIL	
14025.00†	7158.29	150.81	-6308.95	13875.41	6988.39	350.72	-6312.67	49.64	262.37	506.97	0.52	FAIL	
14125.00†	7157.71	148.44	-6408.92	13975.41	6987.79	348.35	-6412.64	49.64	262.39	514.11	0.51	FAIL	
14225.00†	7157.14	146.07	-6508.89	14075.41	6987.19	345.98	-6512.61	49.64	262.41	521.26	0.50	FAIL	
14325.00†	7156.57	143.70	-6608.86	14175.41	6986.59	343.61	-6612.58	49.63	262.43	528.40	0.50	FAIL	
14425.00†	7156.00	141.33	-6708.83	14275.41	6985.99	341.24	-6712.55	49.63	262.45	535.55	0.49	FAIL	
14525.00†	7155.42	138.96	-6808.80	14375.41	6985.39	338.87	-6812.52	49.62	262.47	542.70	0.48	FAIL	
14625.00†	7154.85	136.59	-6908.77	14475.41	6984.78	336.50	-6912.49	49.62	262.49	549.84	0.48	FAIL	
14725.00†	7154.28	134.22	-7008.74	14575.41	6984.18	334.13	-7012.46	49.61	262.51	556.99	0.47	FAIL	
14825.00†	7153.71	131.85	-7108.71	14675.41	6983.58	331.76	-7112.43	49.61	262.52	564.14	0.46	FAIL	
14925.00†	7153.13	129.49	-7208.68	14775.41	6982.98	329.39	-7212.40	49.60	262.54	571.28	0.46	FAIL	
15025.00†	7152.56	127.12	-7308.65	14875.41	6982.38	327.02	-7312.37	49.60	262.56	578.43	0.45	FAIL	
15125.00†	7151.99	124.75	-7408.62	14975.41	6981.78	324.65	-7412.34	49.59	262.58	585.58	0.45	FAIL	
15225.00†	7151.42	122.38	-7508.59	15075.41	6981.17	322.28	-7512.31	49.59	262.60	592.73	0.44	FAIL	
15325.00†	7150.84	120.01	-7608.56	15175.41	6980.57	319.91	-7612.28	49.58	262.62	599.87	0.44	FAIL	
15425.00†	7150.27	117.64	-7708.53	15275.41	6979.97	317.54	-7712.25	49.58	262.64	607.02	0.43	FAIL	
15525.00†	7149.70	115.27	-7808.50	15375.41	6979.37	315.17	-7812.22	49.57	262.66	614.17	0.43	FAIL	
15625.00†	7149.13	112.90	-7908.47	15475.41	6978.77	312.80	-7912.19	49.57	262.67	621.32	0.42	FAIL	
15725.00†	7148.55	110.53	-8008.44	15575.41	6978.16	310.43	-8012.16	49.56	262.69	628.46	0.42	FAIL	
15825.00†	7147.98	108.16	-8108.41	15675.41	6977.56	308.06	-8112.13	49.56	262.71	635.61	0.41	FAIL	
15925.00†	7147.41	105.79	-8208.38	15775.41	6976.96	305.69	-8212.10	49.55	262.73	642.76	0.41	FAIL	
16025.00†	7146.84	103.42	-8308.35	15875.41	6976.36	303.32	-8312.07	49.55	262.75	649.90	0.40	FAIL	
16125.00†	7146.26	101.05	-8408.32	15975.41	6975.76	300.95	-8412.04	49.54	262.77	657.05	0.40	FAIL	
16225.00†	7145.69	98.68	-8508.30	16075.41	6975.16	298.58	-8512.01	49.54	262.79	664.20	0.40	FAIL	
16325.00†	7145.12	96.31	-8608.27	16175.41	6974.55	296.21	-8611.98	49.53	262.81	671.34	0.39	FAIL	
16425.00†	7144.54	93.94	-8708.24	16275.41	6973.95	293.84	-8711.95	49.53	262.82	678.49	0.39	FAIL	
16525.00†	7143.97	91.57	-8808.21	16375.41	6973.35	291.47	-8811.92	49.52	262.84	685.63	0.38	FAIL	
16625.00†	7143.40	89.20	-8908.18	16475.41	6972.75	289.10	-8911.89	49.52	262.86	692.78	0.38	FAIL	
16725.00†	7142.83	86.83	-9008.15	16575.41	6972.15	286.73	-9011.86	49.51	262.88	699.92	0.37	FAIL	
16825.00†	7142.25	84.46	-9108.12	16675.41	6971.54	284.36	-9111.83	49.51	262.90	707.07	0.37	FAIL	
16925.00†	7141.68	82.09	-9208.09	16775.41	6970.94	281.99	-9211.80	49.50	262.92	714.21	0.37	FAIL	
17025.00†	7141.11	79.72	-9308.06	16875.41	6970.34	279.62	-9311.77	49.50	262.94	721.36	0.36	FAIL	
17125.00†	7140.54	77.35	-9408.03	16975.41	6969.74	277.25	-9411.74	49.49	262.96	728.50	0.36	FAIL	
17225.00†	7139.96	74.98	-9508.00	17075.41	6969.14	274.88	-9511.71	49.49	262.98	735.64	0.36	FAIL	
17325.00†	7139.39	72.61	-9607.97	17175.41	6968.54	272.51	-9611.68	49.48	262.99	742.79	0.35	FAIL	
17425.00†	7138.82	70.24	-9707.94	17275.41	6967.93	270.14	-9711.65	49.48	263.01	749.93	0.35	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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

Facility: SEC.21-T06N-R66W		Slot: SLOTR14 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
17525.00†	7138.25	67.87	-9807.91	17375.41	6967.33	267.77	-9811.62	49.47	263.03	757.07	0.35	FAIL
17625.00†	7137.67	65.50	-9907.88	17475.41	6966.73	265.40	-9911.59	49.47	263.05	764.21	0.34	FAIL
17725.00†	7137.10	63.13	-10007.85	17575.41	6966.13	263.03	-10011.56	49.46	263.07	771.35	0.34	FAIL
17825.00†	7136.53	60.76	-10107.82	17675.41	6965.53	260.66	-10111.53	49.46	263.09	778.49	0.34	FAIL
17914.71†	7136.01	58.64	-10197.50	17763.02	6965.00	258.59	-10199.12	49.46	263.11	784.82	0.33	FAIL
17917.24	7136.00	58.58	-10200.04	17763.02	6965.00	258.59	-10199.12	49.46	263.15	784.14	0.34	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-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 30N-20B-L PWB Offset Wellpath: DONN 30N-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	24.00	1736.35	12.21	0.17	40.87	47.63
9.625in Casing Surface	25.00	1750.00	1725.00	24.00	1736.35	12.21	0.17	40.87	47.63
8.5in Open Hole	1750.00	17763.02	16013.02	1736.35	6965.00	40.87	47.63	84.92	-3108.61

## SURVEY PROGRAM - Offset Wellbore: DONN 30N-20B-L PWB Offset Wellpath: DONN 30N-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 30N-20B-L PWB
1750.00	17763.02	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-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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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 MASH [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	131.12	135.12	-1063.12	-24.82	-178.66	1063.46	2.15	1039.07	PASS	
200.00	200.00	0.00	0.00	202.63	206.63	-1062.56	-24.76	-178.67	1062.87	2.62	707.99	PASS	
225.00†	225.00	0.04	0.10	227.84	231.83	-1062.40	-24.73	112.57	1062.75	2.77	647.09	PASS	
325.00†	324.96	0.99	2.54	337.13	341.11	-1061.45	-25.26	112.74	1062.92	3.39	469.38	PASS	
425.00†	424.77	3.20	8.23	447.99	451.92	-1058.91	-27.76	113.21	1063.06	4.28	336.56	PASS	
525.00†	524.30	6.67	17.17	559.47	563.32	-1055.42	-30.26	113.87	1063.87	5.10	267.56	PASS	
569.36	568.34	8.61	22.16	605.95	609.75	-1053.61	-31.26	114.19	1064.37	5.45	245.66	PASS	
625.00†	623.52	11.20	28.83	667.51	671.24	-1051.04	-32.62	114.66	1065.08	5.89	223.22	PASS	
725.00†	722.69	15.86	40.82	801.38	804.79	-1042.60	-35.95	115.71	1064.40	6.90	184.22	PASS	
825.00†	821.86	20.51	52.80	935.28	938.05	-1029.92	-39.33	116.78	1060.84	7.96	155.14	PASS	
925.00†	921.03	25.17	64.79	1093.78	1094.77	-1007.25	-45.44	118.22	1052.72	9.29	128.87	PASS	
1025.00†	1020.20	29.82	76.77	1219.77	1218.34	-983.62	-52.17	119.53	1040.64	10.01	116.99	PASS	
1125.00†	1119.37	34.48	88.76	1316.03	1312.54	-964.51	-57.30	120.56	1027.92	11.21	101.85	PASS	
1225.00†	1218.54	39.13	100.74	1409.88	1404.47	-946.24	-62.27	121.58	1015.93	11.93	93.89	PASS	
1325.00†	1317.71	43.79	112.73	1503.37	1496.08	-928.26	-66.98	122.61	1004.49	12.72	86.54	PASS	
1425.00†	1416.88	48.44	124.71	1599.95	1590.89	-910.33	-71.26	123.66	993.95	13.53	80.02	PASS	
1525.00†	1516.05	53.10	136.70	1700.60	1689.62	-891.26	-75.65	124.77	983.38	14.37	74.14	PASS	
1625.00†	1615.22	57.75	148.68	1804.60	1791.56	-871.21	-80.35	125.96	972.90	14.92	69.65	PASS	
1725.00†	1714.39	62.41	160.67	1906.33	1891.01	-850.58	-86.02	127.22	962.08	15.41	66.52	PASS	
1825.00†	1813.56	67.06	172.65	2001.68	1984.13	-831.04	-92.28	128.49	951.77	15.48	64.39	PASS	
1925.00†	1912.73	71.72	184.64	2103.86	2083.84	-809.82	-99.18	129.89	941.78	15.67	62.91	PASS	
2025.00†	2011.90	76.37	196.62	2210.00	2187.45	-787.44	-104.66	131.29	931.54	15.94	61.11	PASS	
2125.00†	2111.07	81.03	208.61	2321.90	2296.68	-763.35	-107.63	132.64	920.57	16.31	58.98	PASS	
2225.00†	2210.24	85.69	220.59	2420.63	2393.04	-741.83	-108.16	133.75	909.00	16.73	56.68	PASS	
2325.00†	2309.41	90.34	232.58	2527.63	2497.45	-718.48	-107.07	134.89	897.17	17.23	54.27	PASS	
2425.00†	2408.58	95.00	244.56	2620.10	2587.64	-698.11	-106.30	135.92	885.55	17.76	51.90	PASS	
2525.00†	2507.75	99.65	256.55	2710.48	2675.81	-678.25	-107.14	137.03	875.01	18.33	49.60	PASS	
2625.00†	2606.92	104.31	268.53	2800.03	2763.13	-658.56	-109.76	138.27	865.72	18.96	47.39	PASS	
2725.00†	2706.09	108.96	280.52	2889.66	2850.58	-639.30	-113.68	139.59	858.01	19.63	45.32	PASS	
2825.00†	2805.26	113.62	292.50	2988.49	2947.01	-618.13	-118.15	141.08	850.99	20.36	43.27	PASS	
2925.00†	2904.43	118.27	304.49	3082.33	3038.57	-598.07	-122.67	142.53	844.75	21.10	41.38	PASS	
3025.00†	3003.60	122.93	316.47	3175.22	3129.23	-578.43	-127.53	144.00	839.54	21.87	39.63	PASS	
3125.00†	3102.77	127.58	328.46	3273.52	3225.42	-558.67	-131.83	145.48	835.38	22.69	37.97	PASS	
3225.00†	3201.94	132.24	340.44	3369.74	3319.47	-538.77	-136.13	146.97	831.38	23.52	36.41	PASS	
3325.00†	3301.11	136.89	352.43	3469.29	3416.88	-518.76	-140.48	148.50	828.40	24.39	34.94	PASS	
3425.00†	3400.28	141.55	364.41	3562.90	3508.36	-499.36	-144.83	149.98	825.70	25.26	33.60	PASS	
3525.00†	3499.45	146.21	376.40	3659.92	3603.18	-479.47	-149.93	151.54	824.17	26.16	32.35	PASS	
3625.00†	3598.62	150.86	388.39	3743.96	3685.02	-461.42	-156.03	153.03	823.86	27.02	31.28	PASS	
3725.00†	3697.79	155.52	400.37	3828.27	3767.10	-443.77	-163.87	154.58	826.02	27.92	30.33	PASS	
3825.00†	3796.96	160.17	412.36	3911.42	3848.03	-426.89	-172.75	156.14	830.42	28.80	29.53	PASS	
3925.00†	3896.13	164.83	424.34	3999.90	3934.14	-409.57	-183.40	157.80	837.09	29.73	28.82	PASS	
4025.00†	3995.30	169.48	436.33	4108.26	4039.67	-388.50	-196.07	159.78	844.54	30.78	28.06	PASS	
4125.00†	4094.47	174.14	448.31	4228.32	4156.78	-364.32	-206.78	161.84	850.27	31.92	27.22	PASS	
4225.00†	4193.64	178.79	460.30	4325.92	4251.92	-343.95	-214.36	163.47	855.46	32.93	26.53	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
4325.00†	4292.81	183.45	472.28	4419.31	4342.90	-324.23	-221.92	165.04	861.49	33.91	25.93	PASS	
4425.00†	4391.98	188.10	484.27	4510.92	4432.11	-305.01	-229.95	166.58	868.84	34.88	25.41	PASS	
4525.00†	4491.15	192.76	496.25	4612.17	4530.74	-283.92	-238.86	168.24	877.03	35.91	24.89	PASS	
4625.00†	4590.32	197.41	508.24	4718.16	4633.92	-261.20	-247.24	169.95	884.86	36.99	24.37	PASS	
4725.00†	4689.49	202.07	520.22	4834.41	4747.06	-235.68	-254.97	171.78	892.11	38.13	23.82	PASS	
4825.00†	4788.66	206.73	532.21	4929.76	4839.85	-214.33	-260.17	173.24	898.76	39.16	23.35	PASS	
4925.00†	4887.83	211.38	544.19	5030.14	4937.53	-191.81	-265.50	174.75	905.89	40.20	22.92	PASS	
5025.00†	4987.00	216.04	556.18	5118.97	5023.92	-171.80	-270.66	176.09	914.02	41.18	22.56	PASS	
5125.00†	5086.17	220.69	568.16	5217.26	5119.62	-150.18	-276.42	177.51	923.03	42.23	22.22	PASS	
5225.00†	5185.33	225.35	580.15	5313.78	5213.72	-129.39	-281.88	178.86	932.59	43.25	21.90	PASS	
5325.00†	5284.50	230.00	592.13	5414.27	5311.71	-107.81	-287.40	179.78	942.57	44.30	21.60	PASS	
5425.00†	5383.67	234.66	604.12	5513.63	5408.56	-86.20	-292.45	178.46	952.58	45.35	21.32	PASS	
5525.00†	5482.84	239.31	616.10	5610.19	5503.00	-66.54	-296.95	177.28	963.12	46.38	21.07	PASS	
5625.00†	5582.01	243.97	628.09	5714.67	5605.22	-45.43	-301.49	176.04	973.86	47.45	20.82	PASS	
5725.00†	5681.18	248.62	640.07	5809.66	5698.03	-25.58	-305.34	174.92	984.52	48.48	20.60	PASS	
5825.00†	5780.35	253.28	652.06	5903.24	5789.27	-5.29	-309.79	173.78	996.04	49.49	20.40	PASS	
5925.00†	5879.52	257.93	664.04	5992.20	5875.99	13.98	-314.51	172.71	1008.51	50.48	20.25	PASS	
6025.00†	5978.69	262.59	676.03	6078.82	5960.40	32.67	-319.92	171.68	1022.31	51.45	20.13	PASS	
6125.00†	6077.86	267.25	688.01	6071.52	7087.96	256.47	684.70	176.30	1010.15	43.33	23.68	PASS	
6225.00†	6177.03	271.90	700.00	8082.97	7087.99	255.80	696.14	173.86	911.11	43.78	21.14	PASS	
6325.00†	6276.20	276.56	711.98	8094.61	7088.03	255.18	707.76	170.98	812.12	44.26	18.63	PASS	
6425.00†	6375.37	281.21	723.97	8106.42	7088.08	254.61	719.55	167.57	713.22	44.78	16.17	PASS	
6525.00†	6474.54	285.87	735.95	8118.41	7088.14	254.10	731.53	163.47	614.43	45.38	13.74	PASS	
6532.63	6482.11	286.22	736.87	8119.33	7088.14	254.07	732.45	163.13	606.90	45.43	13.55	PASS	
6625.00†	6574.20	290.39	741.26	8123.99	7088.17	253.89	737.11	158.54	515.28	46.05	11.35	PASS	
6725.00†	6673.48	294.52	730.94	8114.10	7088.12	254.28	727.23	153.80	416.60	46.77	9.03	PASS	
6825.00†	6769.94	298.18	705.22	8088.64	7088.01	255.49	701.80	158.22	320.94	47.70	6.81	PASS	
6925.00†	6861.20	301.25	664.71	8047.90	7087.90	258.05	661.14	157.98	230.81	49.23	4.74	PASS	
7025.00†	6945.03	303.68	610.42	7992.90	7087.79	262.54	606.33	154.02	148.63	52.15	2.88	PASS	
7125.00†	7019.34	305.39	543.69	7926.34	7087.69	269.05	540.09	142.54	77.49	59.56	1.30	PASS	
7225.00†	7082.33	306.35	466.16	7849.06	7087.74	276.63	463.18	95.53	30.35	82.82	0.36	FAIL	
7237.47†	7089.31	306.41	455.82	7838.77	7087.72	277.66	452.94	84.40	28.94	82.65	0.34	FAIL	
7242.09†	7091.84	306.43	451.96	7834.93	7087.72	278.05	449.11	80.16	28.83	81.78	0.35	FAIL	
7325.00†	7132.43	306.53	379.73	7763.36	7087.44	285.20	377.91	27.27	49.82	53.89	0.92	FAIL	
7425.00†	7168.40	305.93	286.54	7671.64	7087.10	292.35	286.47	9.88	82.43	49.37	1.68	PASS	
7525.00†	7189.38	304.57	188.88	7576.52	7085.10	297.44	191.51	3.98	104.55	49.94	2.11	PASS	
7613.44	7195.00	302.75	100.71	7493.67	7081.83	301.56	108.84	0.70	113.47	50.46	2.27	PASS	
7625.00†	7194.93	302.47	89.15	7483.58	7081.04	302.05	98.78	0.33	114.30	50.45	2.28	PASS	
7725.00†	7194.36	300.10	-10.82	7400.94	7069.37	305.58	17.11	2.20	128.19	50.63	2.55	PASS	
7825.00†	7193.79	297.73	-110.79	7327.44	7047.76	306.52	-53.04	2.90	157.28	51.91	3.06	PASS	
7925.00†	7193.22	295.36	-210.76	7260.91	7019.11	303.35	-112.94	1.86	199.86	53.59	3.77	PASS	
8025.00†	7192.64	292.99	-310.73	7203.07	6987.91	297.02	-161.18	0.13	253.57	55.54	4.61	PASS	
8125.00†	7192.07	290.63	-410.70	7153.73	6957.17	289.17	-198.93	-1.57	316.27	57.22	5.58	PASS	
8225.00†	7191.50	288.26	-510.67	7111.51	6928.33	280.30	-228.44	-3.17	385.97	58.64	6.65	PASS	
8325.00†	7190.93	285.89	-610.64	7076.18	6902.66	271.28	-250.97	-4.55	461.17	59.87	7.78	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7190.35	283.52	-710.61	7047.41	6880.72	263.30	-267.75	-5.62	540.75	60.93	8.97	PASS	
8525.00†	7189.78	281.15	-810.58	7022.96	6861.28	256.38	-280.88	-6.42	623.79	61.77	10.20	PASS	
8625.00†	7189.21	278.78	-910.55	7002.03	6844.13	250.38	-291.25	-7.04	709.53	62.44	11.48	PASS	
8725.00†	7188.64	276.41	-1010.52	6983.92	6828.92	245.13	-299.56	-7.54	797.40	63.01	12.79	PASS	
8825.00†	7188.06	274.04	-1110.49	6968.01	6815.31	240.47	-306.36	-7.94	886.96	63.57	14.10	PASS	
8925.00†	7187.49	271.67	-1210.46	6954.08	6803.22	236.34	-311.91	-8.27	977.91	64.05	15.43	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	-648.47	-15.09	-590.54	-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	337.08	-9691.94	-88.01	9697.80	25.57	394.15	PASS
125.00†	125.00	0.00	0.00	128.00	125.00	337.08	-9691.94	-88.01	9697.80	25.57	394.11	PASS
200.00	200.00	0.00	0.00	203.00	200.00	337.08	-9691.94	-88.01	9697.80	25.57	394.03	PASS
225.00†	225.00	0.04	0.10	228.00	225.00	337.08	-9691.94	-156.78	9697.90	25.57	394.00	PASS
325.00†	324.96	0.99	2.54	327.96	324.96	337.08	-9691.94	-156.77	9700.31	25.60	393.70	PASS
425.00†	424.77	3.20	8.23	427.77	424.77	337.08	-9691.94	-156.74	9705.92	25.67	392.83	PASS
525.00†	524.30	6.67	17.17	527.30	524.30	337.08	-9691.94	-156.69	9714.73	25.74	392.03	PASS
569.36	568.34	8.61	22.16	571.34	568.34	337.08	-9691.94	-156.66	9719.66	25.77	391.81	PASS
625.00†	623.52	11.20	28.83	626.52	623.52	337.08	-9691.94	-156.68	9726.24	25.79	391.80	PASS
725.00†	722.69	15.86	40.82	725.69	722.69	337.08	-9691.94	-156.71	9738.06	25.82	391.79	PASS
825.00†	821.86	20.51	52.80	824.86	821.86	337.08	-9691.94	-156.74	9749.89	25.85	391.68	PASS
925.00†	921.03	25.17	64.79	924.03	921.03	337.08	-9691.94	-156.77	9761.71	25.90	391.49	PASS
1025.00†	1020.20	29.82	76.77	1023.20	1020.20	337.08	-9691.94	-156.80	9773.55	25.94	391.22	PASS
1125.00†	1119.37	34.48	88.76	1122.37	1119.37	337.08	-9691.94	-156.83	9785.38	26.00	390.86	PASS
1225.00†	1218.54	39.13	100.74	1221.54	1218.54	337.08	-9691.94	-156.86	9797.22	26.06	390.42	PASS
1325.00†	1317.71	43.79	112.73	1320.71	1317.71	337.08	-9691.94	-156.89	9809.06	26.12	389.89	PASS
1425.00†	1416.88	48.44	124.71	1419.88	1416.88	337.08	-9691.94	-156.92	9820.90	26.19	389.29	PASS
1525.00†	1516.05	53.10	136.70	1519.05	1516.05	337.08	-9691.94	-156.95	9832.74	26.26	388.61	PASS
1625.00†	1615.22	57.75	148.68	1618.22	1615.22	337.08	-9691.94	-156.98	9844.59	26.34	387.86	PASS
1725.00†	1714.39	62.41	160.67	1717.39	1714.39	337.08	-9691.94	-157.00	9856.44	26.43	387.03	PASS
1825.00†	1813.56	67.06	172.65	1816.56	1813.56	337.08	-9691.94	-157.03	9868.29	26.22	386.79	PASS
1925.00†	1912.73	71.72	184.64	1915.73	1912.73	337.08	-9691.94	-157.06	9880.14	26.23	387.07	PASS
2025.00†	2011.90	76.37	196.62	2014.90	2011.90	337.08	-9691.94	-157.09	9892.00	26.26	387.17	PASS
2125.00†	2111.07	81.03	208.61	2114.07	2111.07	337.08	-9691.94	-157.12	9903.86	26.29	387.10	PASS
2225.00†	2210.24	85.69	220.59	2213.24	2210.24	337.08	-9691.94	-157.15	9915.72	26.34	386.86	PASS
2325.00†	2309.41	90.34	232.58	2312.41	2309.41	337.08	-9691.94	-157.18	9927.59	26.40	386.45	PASS
2425.00†	2408.58	95.00	244.56	2411.58	2408.58	337.08	-9691.94	-157.21	9939.45	26.46	385.88	PASS
2525.00†	2507.75	99.65	256.55	2510.75	2507.75	337.08	-9691.94	-157.24	9951.32	26.54	385.14	PASS
2625.00†	2606.92	104.31	268.53	2609.92	2606.92	337.08	-9691.94	-157.26	9963.20	26.64	384.25	PASS
2725.00†	2706.09	108.96	280.52	2709.09	2706.09	337.08	-9691.94	-157.29	9975.07	26.74	383.20	PASS
2825.00†	2805.26	113.62	292.50	2808.26	2805.26	337.08	-9691.94	-157.32	9986.95	26.85	382.00	PASS
2925.00†	2904.43	118.27	304.49	2907.43	2904.43	337.08	-9691.94	-157.35	9998.83	26.97	380.66	PASS
3025.00†	3003.60	122.93	316.47	3006.60	3003.60	337.08	-9691.94	-157.38	10010.71	27.11	379.18	PASS
3125.00†	3102.77	127.58	328.46	3105.77	3102.77	337.08	-9691.94	-157.41	10022.59	27.25	377.57	PASS
3225.00†	3201.94	132.24	340.44	3204.94	3201.94	337.08	-9691.94	-157.43	10034.48	27.41	375.83	PASS
3325.00†	3301.11	136.89	352.43	3304.11	3301.11	337.08	-9691.94	-157.46	10046.37	27.57	373.98	PASS
3425.00†	3400.28	141.55	364.41	3403.28	3400.28	337.08	-9691.94	-157.49	10058.26	27.74	372.01	PASS
3525.00†	3499.45	146.21	376.40	3502.45	3499.45	337.08	-9691.94	-157.52	10070.15	27.93	369.94	PASS
3625.00†	3598.62	150.86	388.39	3601.62	3598.62	337.08	-9691.94	-157.55	10082.05	28.12	367.77	PASS
3725.00†	3697.79	155.52	400.37	3700.79	3697.79	337.08	-9691.94	-157.57	10093.94	28.32	365.50	PASS
3825.00†	3796.96	160.17	412.36	3799.96	3796.96	337.08	-9691.94	-157.60	10105.85	28.53	363.15	PASS
3925.00†	3896.13	164.83	424.34	3899.13	3896.13	337.08	-9691.94	-157.63	10117.75	28.75	360.73	PASS
4025.00†	3995.30	169.48	436.33	3998.30	3995.30	337.08	-9691.94	-157.66	10129.65	28.98	358.23	PASS
4125.00†	4094.47	174.14	448.31	4097.47	4094.47	337.08	-9691.94	-157.68	10141.56	29.22	355.67	PASS
4225.00†	4193.64	178.79	460.30	4196.64	4193.64	337.08	-9691.94	-157.71	10153.47	29.47	353.05	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	4295.81	4292.81	337.08	-9691.94	-157.74	10165.38	29.72	350.38	PASS	
4425.00†	4391.98	188.10	484.27	4394.98	4391.98	337.08	-9691.94	-157.77	10177.30	29.98	347.66	PASS	
4525.00†	4491.15	192.76	496.25	4494.15	4491.15	337.08	-9691.94	-157.79	10189.21	30.25	344.90	PASS	
4625.00†	4590.32	197.41	508.24	4593.32	4590.32	337.08	-9691.94	-157.82	10201.13	30.52	342.11	PASS	
4725.00†	4689.49	202.07	520.22	4692.49	4689.49	337.08	-9691.94	-157.85	10213.05	30.81	339.28	PASS	
4825.00†	4788.66	206.73	532.21	4791.66	4788.66	337.08	-9691.94	-157.88	10224.98	53.65	193.12	PASS	
4925.00†	4887.83	211.38	544.19	4890.83	4887.83	337.08	-9691.94	-157.90	10236.90	56.44	183.66	PASS	
5025.00†	4987.00	216.04	556.18	4990.00	4987.00	337.08	-9691.94	-157.93	10248.83	57.92	179.12	PASS	
5125.00†	5086.17	220.69	568.16	5089.17	5086.17	337.08	-9691.94	-157.96	10260.76	60.07	172.83	PASS	
5225.00†	5185.33	225.35	580.15	5188.33	5185.33	337.08	-9691.94	-157.98	10272.70	62.78	165.50	PASS	
5325.00†	5284.50	230.00	592.13	5287.50	5284.50	337.08	-9691.94	-158.01	10284.63	65.91	157.72	PASS	
5425.00†	5383.67	234.66	604.12	5386.67	5383.67	337.08	-9691.94	-158.04	10296.57	69.38	149.92	PASS	
5525.00†	5482.84	239.31	616.10	5485.84	5482.84	337.08	-9691.94	-158.06	10308.51	73.11	142.36	PASS	
5625.00†	5582.01	243.97	628.09	5585.01	5582.01	337.08	-9691.94	-158.09	10320.45	77.04	135.19	PASS	
5725.00†	5681.18	248.62	640.07	5684.18	5681.18	337.08	-9691.94	-158.12	10332.39	81.12	128.48	PASS	
5825.00†	5780.35	253.28	652.06	5783.35	5780.35	337.08	-9691.94	-158.14	10344.34	85.33	122.24	PASS	
5925.00†	5879.52	257.93	664.04	5882.52	5879.52	337.08	-9691.94	-158.17	10356.29	89.63	116.46	PASS	
6025.00†	5978.69	262.59	676.03	5981.69	5978.69	337.08	-9691.94	-158.20	10368.24	94.00	111.13	PASS	
6125.00†	6077.86	267.25	688.01	6080.86	6077.86	337.08	-9691.94	-158.22	10380.19	98.45	106.20	PASS	
6225.00†	6177.03	271.90	700.00	6180.03	6177.03	337.08	-9691.94	-158.25	10392.14	102.94	101.65	PASS	
6325.00†	6276.20	276.56	711.98	6279.20	6276.20	337.08	-9691.94	-158.28	10404.10	107.48	97.44	PASS	
6425.00†	6375.37	281.21	723.97	6378.37	6375.37	337.08	-9691.94	-158.30	10416.06	112.06	93.54	PASS	
6525.00†	6474.54	285.87	735.95	6477.54	6474.54	337.08	-9691.94	-158.33	10428.02	116.66	89.93	PASS	
6532.63	6482.11	286.22	736.87	6485.11	6482.11	337.08	-9691.94	-158.33	10428.93	117.02	89.66	PASS	
6625.00†	6574.20	290.39	741.26	6577.20	6574.20	337.08	-9691.94	-59.96	10433.30	121.31	86.50	PASS	
6725.00†	6673.48	294.52	730.94	6676.48	6673.48	337.08	-9691.94	-12.16	10422.97	126.18	83.06	PASS	
6825.00†	6769.94	298.18	705.22	6772.94	6769.94	337.08	-9691.94	-5.92	10397.23	131.49	79.50	PASS	
6925.00†	6861.20	301.25	664.71	6864.20	6861.20	337.08	-9691.94	-3.55	10356.71	136.37	76.34	PASS	
7025.00†	6945.03	303.68	610.42	6948.03	6945.03	337.08	-9691.94	-2.23	10302.42	140.78	73.55	PASS	
7125.00†	7019.34	305.39	543.69	7022.34	7019.34	337.08	-9691.94	-1.28	10235.68	144.61	71.12	PASS	
7225.00†	7082.33	306.35	466.16	7085.33	7082.33	337.08	-9691.94	-0.40	10158.14	147.79	69.06	PASS	
7325.00†	7132.43	306.53	379.73	7135.43	7132.43	337.08	-9691.94	0.71	10071.72	150.25	67.35	PASS	
7425.00†	7168.40	305.93	286.54	7171.40	7168.40	337.08	-9691.94	2.69	9978.53	151.97	65.96	PASS	
7525.00†	7189.38	304.57	188.88	7192.38	7189.38	337.08	-9691.94	8.93	9880.87	152.95	64.90	PASS	
7613.44	7195.00	302.75	100.71	7198.00	7195.00	337.08	-9691.94	101.88	9792.71	153.21	64.21	PASS	
7625.00†	7194.93	302.47	89.15	7197.93	7194.93	337.08	-9691.94	101.87	9781.15	153.21	64.13	PASS	
7725.00†	7194.36	300.10	-10.82	7197.36	7194.36	337.08	-9691.94	101.75	9681.19	153.18	63.49	PASS	
7825.00†	7193.79	297.73	-110.79	7196.79	7193.79	337.08	-9691.94	101.63	9581.23	153.16	62.84	PASS	
7925.00†	7193.22	295.36	-210.76	7196.22	7193.22	337.08	-9691.94	101.52	9481.27	153.14	62.19	PASS	
8025.00†	7192.64	292.99	-310.73	7195.64	7192.64	337.08	-9691.94	101.40	9381.31	153.13	61.54	PASS	
8125.00†	7192.07	290.63	-410.70	7195.07	7192.07	337.08	-9691.94	101.28	9281.36	153.11	60.90	PASS	
8225.00†	7191.50	288.26	-510.67	7194.50	7191.50	337.08	-9691.94	101.16	9181.40	153.10	60.24	PASS	
8325.00†	7190.93	285.89	-610.64	7193.93	7190.93	337.08	-9691.94	101.04	9081.44	153.09	59.59	PASS	
8425.00†	7190.35	283.52	-710.61	7193.35	7190.35	337.08	-9691.94	100.92	8981.49	153.08	58.94	PASS	
8525.00†	7189.78	281.15	-810.58	7192.78	7189.78	337.08	-9691.94	100.80	8881.53	153.07	58.29	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	7192.21	7189.21	337.08	-9691.94	100.69	8781.58	153.07	57.63	PASS	
8725.00†	7188.64	276.41	-1010.52	7191.64	7188.64	337.08	-9691.94	100.57	8681.63	153.06	56.98	PASS	
8825.00†	7188.06	274.04	-1110.49	7191.06	7188.06	337.08	-9691.94	100.45	8581.68	153.06	56.32	PASS	
8925.00†	7187.49	271.67	-1210.46	7190.49	7187.49	337.08	-9691.94	100.33	8481.73	153.06	55.67	PASS	
9025.00†	7186.92	269.30	-1310.44	7189.92	7186.92	337.08	-9691.94	100.21	8381.78	153.07	55.01	PASS	
9125.00†	7186.34	266.93	-1410.41	7189.34	7186.34	337.08	-9691.94	100.09	8281.83	153.07	54.35	PASS	
9225.00†	7185.77	264.56	-1510.38	7188.77	7185.77	337.08	-9691.94	99.97	8181.89	153.08	53.69	PASS	
9325.00†	7185.20	262.19	-1610.35	7188.20	7185.20	337.08	-9691.94	99.85	8081.94	153.09	53.03	PASS	
9425.00†	7184.63	259.82	-1710.32	7187.63	7184.63	337.08	-9691.94	99.73	7982.00	153.10	52.37	PASS	
9525.00†	7184.05	257.45	-1810.29	7187.05	7184.05	337.08	-9691.94	99.61	7882.06	153.12	51.71	PASS	
9625.00†	7183.48	255.08	-1910.26	7186.48	7183.48	337.08	-9691.94	99.49	7782.12	153.14	51.05	PASS	
9725.00†	7182.91	252.71	-2010.23	7185.91	7182.91	337.08	-9691.94	99.37	7682.18	153.16	50.39	PASS	
9825.00†	7182.34	250.34	-2110.20	7185.34	7182.34	337.08	-9691.94	99.25	7582.24	153.18	49.72	PASS	
9925.00†	7181.76	247.97	-2210.17	7184.76	7181.76	337.08	-9691.94	99.13	7482.30	153.21	49.06	PASS	
10025.00†	7181.19	245.60	-2310.14	7184.19	7181.19	337.08	-9691.94	99.01	7382.37	153.24	48.39	PASS	
10125.00†	7180.62	243.23	-2410.11	7183.62	7180.62	337.08	-9691.94	98.89	7282.44	153.27	47.73	PASS	
10225.00†	7180.05	240.86	-2510.08	7183.05	7180.05	337.08	-9691.94	98.77	7182.51	153.31	47.06	PASS	
10325.00†	7179.47	238.49	-2610.05	7182.47	7179.47	337.08	-9691.94	98.65	7082.58	153.35	46.40	PASS	
10425.00†	7178.90	236.12	-2710.02	7181.90	7178.90	337.08	-9691.94	98.53	6982.65	153.39	45.73	PASS	
10525.00†	7178.33	233.75	-2809.99	7181.33	7178.33	337.08	-9691.94	98.41	6882.73	153.44	45.06	PASS	
10625.00†	7177.76	231.38	-2909.96	7180.76	7177.76	337.08	-9691.94	98.29	6782.81	153.49	44.39	PASS	
10725.00†	7177.18	229.01	-3009.93	7180.18	7177.18	337.08	-9691.94	98.17	6682.89	153.54	43.72	PASS	
10825.00†	7176.61	226.64	-3109.90	7179.61	7176.61	337.08	-9691.94	98.05	6582.97	153.60	43.05	PASS	
10925.00†	7176.04	224.27	-3209.87	7179.04	7176.04	337.08	-9691.94	97.93	6483.05	153.67	42.38	PASS	
11025.00†	7175.47	221.90	-3309.84	7178.47	7175.47	337.08	-9691.94	97.81	6383.14	153.73	41.71	PASS	
11125.00†	7174.89	219.53	-3409.81	7177.89	7174.89	337.08	-9691.94	97.69	6283.23	153.81	41.04	PASS	
11225.00†	7174.32	217.16	-3509.78	7177.32	7174.32	337.08	-9691.94	97.56	6183.32	153.89	40.36	PASS	
11325.00†	7173.75	214.79	-3609.75	7176.75	7173.75	337.08	-9691.94	97.44	6083.42	153.97	39.69	PASS	
11425.00†	7173.17	212.42	-3709.72	7176.17	7173.17	337.08	-9691.94	97.32	5983.52	154.06	39.01	PASS	
11525.00†	7172.60	210.06	-3809.69	7175.60	7172.60	337.08	-9691.94	97.20	5883.62	154.15	38.34	PASS	
11625.00†	7172.03	207.69	-3909.66	7175.03	7172.03	337.08	-9691.94	97.08	5783.73	154.26	37.66	PASS	
11725.00†	7171.46	205.32	-4009.63	7174.46	7171.46	337.08	-9691.94	96.96	5683.84	154.37	36.99	PASS	
11825.00†	7170.88	202.95	-4109.60	7173.88	7170.88	337.08	-9691.94	96.84	5583.95	154.48	36.31	PASS	
11925.00†	7170.31	200.58	-4209.57	7173.31	7170.31	337.08	-9691.94	96.72	5484.07	154.61	35.63	PASS	
12025.00†	7169.74	198.21	-4309.54	7172.74	7169.74	337.08	-9691.94	96.59	5384.19	154.74	34.95	PASS	
12125.00†	7169.17	195.84	-4409.51	7172.17	7169.17	337.08	-9691.94	96.47	5284.32	154.88	34.27	PASS	
12225.00†	7168.59	193.47	-4509.48	7171.59	7168.59	337.08	-9691.94	96.35	5184.45	155.03	33.59	PASS	
12325.00†	7168.02	191.10	-4609.45	7171.02	7168.02	337.08	-9691.94	96.23	5084.58	155.19	32.91	PASS	
12425.00†	7167.45	188.73	-4709.42	7170.45	7167.45	337.08	-9691.94	96.11	4984.73	155.36	32.23	PASS	
12525.00†	7166.88	186.36	-4809.39	7169.88	7166.88	337.08	-9691.94	95.99	4884.87	155.55	31.54	PASS	
12625.00†	7166.30	183.99	-4909.37	7169.30	7166.30	337.08	-9691.94	95.86	4785.03	155.75	30.86	PASS	
12725.00†	7165.73	181.62	-5009.34	7168.73	7165.73	337.08	-9691.94	95.74	4685.19	155.96	30.17	PASS	
12825.00†	7165.16	179.25	-5109.31	7168.16	7165.16	337.08	-9691.94	95.62	4585.35	156.18	29.49	PASS	
12925.00†	7164.59	176.88	-5209.28	7167.59	7164.59	337.08	-9691.94	95.50	4485.53	156.42	28.80	PASS	
13025.00†	7164.01	174.51	-5309.25	7167.01	7164.01	337.08	-9691.94	95.38	4385.71	156.68	28.11	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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, COWL) 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	
13125.00†	7163.44	172.14	-5409.22	7166.44	7163.44	337.08	-9691.94	95.25	4285.90	156.96	27.42	PASS	
13225.00†	7162.87	169.77	-5509.19	7165.87	7162.87	337.08	-9691.94	95.13	4186.10	157.26	26.73	PASS	
13325.00†	7162.30	167.40	-5609.16	7165.30	7162.30	337.08	-9691.94	95.01	4086.31	157.58	26.04	PASS	
13425.00†	7161.72	165.03	-5709.13	7164.72	7161.72	337.08	-9691.94	94.89	3986.53	157.93	25.35	PASS	
13525.00†	7161.15	162.66	-5809.10	7164.15	7161.15	337.08	-9691.94	94.77	3886.76	158.30	24.66	PASS	
13625.00†	7160.58	160.29	-5909.07	7163.58	7160.58	337.08	-9691.94	94.64	3787.00	158.71	23.96	PASS	
13725.00†	7160.00	157.92	-6009.04	7163.00	7160.00	337.08	-9691.94	94.52	3687.26	159.14	23.27	PASS	
13825.00†	7159.43	155.55	-6109.01	7162.43	7159.43	337.08	-9691.94	94.40	3587.53	159.62	22.57	PASS	
13925.00†	7158.86	153.18	-6208.98	7161.86	7158.86	337.08	-9691.94	94.28	3487.81	160.13	21.87	PASS	
14025.00†	7158.29	150.81	-6308.95	7161.29	7158.29	337.08	-9691.94	94.15	3388.12	160.69	21.17	PASS	
14125.00†	7157.71	148.44	-6408.92	7160.71	7157.71	337.08	-9691.94	94.03	3288.44	161.29	20.47	PASS	
14225.00†	7157.14	146.07	-6508.89	7160.14	7157.14	337.08	-9691.94	93.91	3188.78	161.96	19.77	PASS	
14325.00†	7156.57	143.70	-6608.86	7159.57	7156.57	337.08	-9691.94	93.79	3089.14	162.68	19.07	PASS	
14425.00†	7156.00	141.33	-6708.83	7159.00	7156.00	337.08	-9691.94	93.66	2989.53	163.47	18.36	PASS	
14525.00†	7155.42	138.96	-6808.80	7158.42	7155.42	337.08	-9691.94	93.54	2889.94	164.34	17.66	PASS	
14625.00†	7154.85	136.59	-6908.77	7157.85	7154.85	337.08	-9691.94	93.42	2790.38	165.29	16.95	PASS	
14725.00†	7154.28	134.22	-7008.74	7157.28	7154.28	337.08	-9691.94	93.29	2690.86	166.35	16.24	PASS	
14825.00†	7153.71	131.85	-7108.71	7156.71	7153.71	337.08	-9691.94	93.17	2591.37	167.51	15.53	PASS	
14925.00†	7153.13	129.49	-7208.68	7156.13	7153.13	337.08	-9691.94	93.05	2491.92	168.80	14.82	PASS	
15025.00†	7152.56	127.12	-7308.65	7155.56	7152.56	337.08	-9691.94	92.93	2392.52	170.23	14.11	PASS	
15125.00†	7151.99	124.75	-7408.62	7154.99	7151.99	337.08	-9691.94	92.80	2293.17	171.83	13.40	PASS	
15225.00†	7151.42	122.38	-7508.59	7154.42	7151.42	337.08	-9691.94	92.68	2193.88	173.62	12.68	PASS	
15325.00†	7150.84	120.01	-7608.56	7153.84	7150.84	337.08	-9691.94	92.56	2094.66	175.62	11.97	PASS	
15425.00†	7150.27	117.64	-7708.53	7153.27	7150.27	337.08	-9691.94	92.43	1995.51	177.88	11.26	PASS	
15525.00†	7149.70	115.27	-7808.50	7152.70	7149.70	337.08	-9691.94	92.31	1896.45	180.43	10.55	PASS	
15625.00†	7149.13	112.90	-7908.47	7152.13	7149.13	337.08	-9691.94	92.19	1797.50	183.32	9.84	PASS	
15725.00†	7148.55	110.53	-8008.44	7151.55	7148.55	337.08	-9691.94	92.07	1698.67	186.63	9.13	PASS	
15825.00†	7147.98	108.16	-8108.41	7150.98	7147.98	337.08	-9691.94	91.94	1599.99	190.42	8.43	PASS	
15925.00†	7147.41	105.79	-8208.38	7150.41	7147.41	337.08	-9691.94	91.82	1501.48	194.80	7.73	PASS	
16025.00†	7146.84	103.42	-8308.35	7149.84	7146.84	337.08	-9691.94	91.70	1403.18	199.88	7.04	PASS	
16125.00†	7146.26	101.05	-8408.32	7149.26	7146.26	337.08	-9691.94	91.57	1305.14	205.83	6.36	PASS	
16225.00†	7145.69	98.68	-8508.30	7148.69	7145.69	337.08	-9691.94	91.45	1207.42	212.85	5.69	PASS	
16325.00†	7145.12	96.31	-8608.27	7148.12	7145.12	337.08	-9691.94	91.33	1110.10	221.22	5.03	PASS	
16425.00†	7144.54	93.94	-8708.24	7147.54	7144.54	337.08	-9691.94	91.20	1013.31	231.31	4.39	PASS	
16525.00†	7143.97	91.57	-8808.21	7146.97	7143.97	337.08	-9691.94	91.08	917.20	243.61	3.77	PASS	
16625.00†	7143.40	89.20	-8908.18	7146.40	7143.40	337.08	-9691.94	90.96	822.03	258.85	3.18	PASS	
16725.00†	7142.83	86.83	-9008.15	7145.83	7142.83	337.08	-9691.94	90.84	728.15	278.02	2.62	PASS	
16825.00†	7142.25	84.46	-9108.12	7145.25	7142.25	337.08	-9691.94	90.71	636.13	302.59	2.10	PASS	
16925.00†	7141.68	82.09	-9208.09	7144.68	7141.68	337.08	-9691.94	90.59	546.93	334.66	1.64	PASS	
17025.00†	7141.11	79.72	-9308.06	7144.11	7141.11	337.08	-9691.94	90.47	462.17	377.03	1.23	PASS	
17125.00†	7140.54	77.35	-9408.03	7143.54	7140.54	337.08	-9691.94	90.34	384.79	432.61	0.89	FAIL	
17225.00†	7139.96	74.98	-9508.00	7142.96	7139.96	337.08	-9691.94	90.22	320.20	500.50	0.64	FAIL	
17325.00†	7139.39	72.61	-9607.97	7142.39	7139.39	337.08	-9691.94	90.10	277.48	564.48	0.49	FAIL	
17402.89†	7138.95	70.77	-9685.84	7141.90	7138.90	337.08	-9691.94	89.99	266.38	586.95	0.45	FAIL	
17405.87†	7138.93	70.70	-9688.81	7141.93	7138.93	337.08	-9691.94	90.00	266.40	587.06	0.45	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
17425.00†	7138.82	70.24	-9707.94	7141.82	7138.82	337.08	-9691.94	89.97	267.31	586.35	0.46	FAIL	
17525.00†	7138.25	67.87	-9807.91	7141.25	7138.25	337.08	-9691.94	89.85	293.12	549.10	0.53	FAIL	
17625.00†	7137.67	65.50	-9907.88	7140.67	7137.67	337.08	-9691.94	89.73	346.96	485.35	0.71	FAIL	
17725.00†	7137.10	63.13	-10007.85	7140.10	7137.10	337.08	-9691.94	89.60	418.14	425.46	0.98	FAIL	
17825.00†	7136.53	60.76	-10107.82	7139.53	7136.53	337.08	-9691.94	89.48	499.30	377.85	1.32	PASS	
17917.24	7136.00	58.58	-10200.04	7139.00	7136.00	337.08	-9691.94	89.37	579.41	343.25	1.69	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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-A.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	-40.07	-0.28	-179.60	40.08	1.56	65.19	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	-40.07	-0.28	-179.60	40.08	1.88	42.67	PASS	
200.00	200.00	0.00	0.00	200.00	200.00	-40.07	-0.28	-179.60	40.08	2.29	29.43	PASS	
225.00†	225.00	0.04	0.10	224.99	224.98	-40.08	-0.17	111.61	40.12	2.43	26.65	PASS	
325.00†	324.96	0.99	2.54	324.92	324.88	-40.21	2.44	111.34	41.20	3.08	18.98	PASS	
425.00†	424.77	3.20	8.23	424.81	424.58	-40.51	8.53	110.76	43.71	3.87	14.69	PASS	
525.00†	524.30	6.67	17.17	524.63	523.93	-40.99	18.07	109.97	47.66	4.69	12.54	PASS	
569.36	568.34	8.61	22.16	568.90	567.88	-41.25	23.37	109.62	49.87	5.06	11.94	PASS	
625.00†	623.52	11.20	28.83	624.46	623.02	-41.59	30.21	109.51	52.81	5.52	11.37	PASS	
725.00†	722.69	15.86	40.82	724.32	722.12	-42.20	42.51	109.34	58.08	6.40	10.51	PASS	
825.00†	821.86	20.51	52.80	824.18	821.22	-42.81	54.80	109.20	63.35	7.31	9.83	PASS	
925.00†	921.03	25.17	64.79	924.04	920.32	-43.42	67.09	109.08	68.63	8.24	9.30	PASS	
1025.00†	1020.20	29.82	76.77	1023.90	1019.42	-44.03	79.39	108.98	73.90	9.19	8.87	PASS	
1125.00†	1119.37	34.48	88.76	1123.76	1118.52	-44.64	91.68	108.89	79.17	10.14	8.52	PASS	
1225.00†	1218.54	39.13	100.74	1223.62	1217.62	-45.25	103.98	108.81	84.45	11.10	8.23	PASS	
1325.00†	1317.71	43.79	112.73	1323.48	1316.71	-45.86	116.27	108.74	89.72	12.07	7.99	PASS	
1425.00†	1416.88	48.44	124.71	1423.34	1415.81	-46.47	128.56	108.68	95.00	13.04	7.78	PASS	
1525.00†	1516.05	53.10	136.70	1523.20	1514.91	-47.08	140.86	108.63	100.27	14.02	7.61	PASS	
1625.00†	1615.22	57.75	148.68	1623.06	1614.01	-47.69	153.15	108.58	105.54	14.99	7.45	PASS	
1725.00†	1714.39	62.41	160.67	1722.93	1713.11	-48.30	165.45	108.53	110.82	15.97	7.32	PASS	
1825.00†	1813.56	67.06	172.65	1822.79	1812.21	-48.91	177.74	108.49	116.09	16.23	7.44	PASS	
1925.00†	1912.73	71.72	184.64	1922.65	1911.31	-49.52	190.03	108.45	121.37	16.32	7.73	PASS	
2025.00†	2011.90	76.37	196.62	2022.51	2010.41	-50.13	202.33	108.42	126.64	16.48	7.98	PASS	
2125.00†	2111.07	81.03	208.61	2122.37	2109.51	-50.74	214.62	108.39	131.92	16.72	8.19	PASS	
2225.00†	2210.24	85.69	220.59	2222.23	2208.61	-51.35	226.92	108.36	137.19	17.03	8.36	PASS	
2325.00†	2309.41	90.34	232.58	2322.09	2307.71	-51.96	239.21	108.33	142.47	17.40	8.49	PASS	
2425.00†	2408.58	95.00	244.56	2421.95	2406.81	-52.57	251.50	108.31	147.74	17.84	8.58	PASS	
2525.00†	2507.75	99.65	256.55	2521.81	2505.91	-53.18	263.80	108.29	153.01	18.33	8.64	PASS	
2625.00†	2606.92	104.31	268.53	2621.67	2605.00	-53.79	276.09	108.26	158.29	18.88	8.67	PASS	
2725.00†	2706.09	108.96	280.52	2721.53	2704.10	-54.40	288.39	108.24	163.56	19.47	8.68	PASS	
2825.00†	2805.26	113.62	292.50	2821.39	2803.20	-55.01	300.68	108.22	168.84	20.11	8.66	PASS	
2925.00†	2904.43	118.27	304.49	2921.25	2902.30	-55.62	312.97	108.21	174.11	20.79	8.63	PASS	
3025.00†	3003.60	122.93	316.47	3021.12	3001.40	-56.23	325.27	108.19	179.39	21.50	8.59	PASS	
3125.00†	3102.77	127.58	328.46	3120.98	3100.50	-56.84	337.56	108.17	184.66	22.25	8.54	PASS	
3225.00†	3201.94	132.24	340.44	3220.84	3199.60	-57.45	349.86	108.16	189.94	23.02	8.48	PASS	
3325.00†	3301.11	136.89	352.43	3320.70	3298.70	-58.06	362.15	108.15	195.21	23.82	8.41	PASS	
3425.00†	3400.28	141.55	364.41	3420.56	3397.80	-58.67	374.44	108.13	200.49	24.65	8.34	PASS	
3525.00†	3499.45	146.21	376.40	3520.42	3496.90	-59.28	386.74	108.12	205.76	25.49	8.27	PASS	
3625.00†	3598.62	150.86	388.39	3620.28	3596.00	-59.89	399.03	108.11	211.04	26.36	8.20	PASS	
3725.00†	3697.79	155.52	400.37	3720.14	3695.10	-60.50	411.33	108.10	216.31	27.24	8.13	PASS	
3825.00†	3796.96	160.17	412.36	3820.00	3794.20	-61.11	423.62	108.08	221.59	28.14	8.05	PASS	
3925.00†	3896.13	164.83	424.34	3919.86	3893.29	-61.72	435.91	108.07	226.86	29.05	7.98	PASS	
4025.00†	3995.30	169.48	436.33	4019.72	3992.39	-62.33	448.21	108.06	232.14	29.97	7.91	PASS	
4125.00†	4094.47	174.14	448.31	4119.58	4091.49	-62.94	460.50	108.06	237.41	30.90	7.84	PASS	
4225.00†	4193.64	178.79	460.30	4219.44	4190.59	-63.55	472.79	108.05	242.69	31.85	7.77	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-A.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†	4292.81	183.45	472.28	4319.31	4289.69	-64.16	485.09	108.04	247.96	32.80	7.70	PASS	
4425.00†	4391.98	188.10	484.27	4419.17	4388.79	-64.77	497.38	108.03	253.24	33.77	7.64	PASS	
4525.00†	4491.15	192.76	496.25	4519.03	4487.89	-65.38	509.68	108.02	258.51	34.74	7.58	PASS	
4625.00†	4590.32	197.41	508.24	4618.89	4586.99	-65.99	521.97	108.01	263.79	35.72	7.51	PASS	
4725.00†	4689.49	202.07	520.22	4718.75	4686.09	-66.60	534.26	108.01	269.06	36.70	7.46	PASS	
4825.00†	4788.66	206.73	532.21	4818.61	4785.19	-67.21	546.56	108.00	274.34	37.70	7.40	PASS	
4925.00†	4887.83	211.38	544.19	4918.47	4884.29	-67.82	558.85	107.99	279.61	38.69	7.34	PASS	
5025.00†	4987.00	216.04	556.18	5018.33	4983.39	-68.43	571.15	107.99	284.88	39.70	7.29	PASS	
5125.00†	5086.17	220.69	568.16	5118.19	5082.49	-69.04	583.44	107.98	290.16	40.70	7.24	PASS	
5225.00†	5185.33	225.35	580.15	5218.05	5181.59	-69.65	595.73	107.97	295.43	41.72	7.19	PASS	
5325.00†	5284.50	230.00	592.13	5317.91	5280.68	-70.26	608.03	107.97	300.71	42.73	7.14	PASS	
5425.00†	5383.67	234.66	604.12	5417.77	5379.78	-70.87	620.32	107.96	305.98	43.75	7.09	PASS	
5525.00†	5482.84	239.31	616.10	5517.64	5478.88	-71.48	632.62	107.96	311.26	44.78	7.05	PASS	
5625.00†	5582.01	243.97	628.09	5617.50	5577.98	-72.09	644.91	107.95	316.53	45.81	7.00	PASS	
5725.00†	5681.18	248.62	640.07	5717.36	5677.08	-72.70	657.20	107.95	321.81	46.84	6.96	PASS	
5825.00†	5780.35	253.28	652.06	5817.22	5776.18	-73.31	669.50	107.94	327.08	47.87	6.92	PASS	
5925.00†	5879.52	257.93	664.04	5917.08	5875.28	-73.92	681.79	107.94	332.36	48.91	6.88	PASS	
6025.00†	5978.69	262.59	676.03	6016.94	5974.38	-74.53	694.09	107.93	337.63	49.95	6.84	PASS	
6125.00†	6077.86	267.25	688.01	6116.80	6073.48	-75.14	706.38	107.93	342.91	50.99	6.81	PASS	
6225.00†	6177.03	271.90	700.00	6216.66	6172.58	-75.75	718.67	107.92	348.18	52.03	6.77	PASS	
6325.00†	6276.20	276.56	711.98	6316.52	6271.68	-76.36	730.97	107.92	353.46	53.08	6.74	PASS	
6425.00†	6375.37	281.21	723.97	6417.22	6371.87	-77.05	743.26	108.36	358.66	54.12	6.70	PASS	
6525.00†	6474.54	285.87	735.95	6515.68	6470.11	-78.06	755.55	111.00	363.95	55.15	6.66	PASS	
6532.63	6482.11	286.22	736.87	6522.94	6477.31	-78.15	754.90	111.28	364.41	55.53	6.52	PASS	
6625.00†	6574.20	290.39	741.26	6609.20	6561.70	-79.34	717.40	-146.40	370.70	60.36	6.20	PASS	
6725.00†	6673.48	294.52	730.94	6699.64	6646.78	-80.84	687.00	-94.68	378.87	61.98	6.17	PASS	
6825.00†	6769.94	298.18	705.22	6787.48	6724.49	-82.53	646.23	-84.91	387.92	62.91	6.23	PASS	
6925.00†	6861.20	301.25	664.71	6873.17	6794.19	-84.36	596.52	-79.49	397.28	64.06	6.26	PASS	
7025.00†	6945.03	303.68	610.42	6957.08	6855.37	-86.29	539.22	-75.64	406.42	65.14	6.30	PASS	
7125.00†	7019.34	305.39	543.69	7039.56	6907.65	-88.29	475.53	-72.72	414.86	66.65	6.28	PASS	
7225.00†	7082.33	306.35	466.16	7120.91	6950.72	-90.34	406.62	-70.51	422.17	68.73	6.20	PASS	
7325.00†	7132.43	306.53	379.73	7201.41	6984.36	-92.40	333.57	-68.90	428.02	71.49	6.04	PASS	
7425.00†	7168.40	305.93	286.54	7281.33	7008.37	-94.44	257.42	-67.85	432.15	74.82	5.82	PASS	
7525.00†	7189.38	304.57	188.88	7360.91	7022.61	-96.44	179.21	-67.32	434.41	78.64	5.57	PASS	
7613.44	7195.00	302.75	100.71	7431.18	7026.99	-98.16	109.13	-67.27	434.77	82.33	5.32	PASS	
7625.00†	7194.93	302.47	89.15	7440.57	7026.99	-98.39	99.75	-67.28	434.75	82.83	5.29	PASS	
7725.00†	7194.36	300.10	-10.82	7540.57	7026.39	-100.78	-0.22	-67.27	434.78	87.77	4.99	PASS	
7825.00†	7193.79	297.73	-110.79	7640.57	7025.79	-103.17	-100.19	-67.27	434.81	93.23	4.69	PASS	
7925.00†	7193.22	295.36	-210.76	7740.57	7025.19	-105.56	-200.16	-67.27	434.84	99.13	4.41	PASS	
8025.00†	7192.64	292.99	-310.73	7840.57	7024.59	-107.95	-300.13	-67.27	434.87	105.40	4.15	PASS	
8125.00†	7192.07	290.63	-410.70	7940.57	7023.99	-110.34	-400.10	-67.26	434.90	111.97	3.90	PASS	
8225.00†	7191.50	288.26	-510.67	8040.57	7023.38	-112.73	-500.07	-67.26	434.93	118.79	3.68	PASS	
8325.00†	7190.93	285.89	-610.64	8140.57	7022.78	-115.12	-600.04	-67.26	434.96	125.83	3.47	PASS	
8425.00†	7190.35	283.52	-710.61	8240.57	7022.18	-117.51	-700.01	-67.26	434.99	133.04	3.28	PASS	
8525.00†	7189.78	281.15	-810.58	8340.57	7021.58	-119.90	-799.98	-67.25	435.02	140.41	3.11	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-A.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†	7189.21	278.78	-910.55	8440.57	7020.98	-122.29	-899.95	-67.25	435.05	147.90	2.95	PASS	
8725.00†	7188.64	276.41	-1010.52	8540.57	7020.38	-124.68	-999.92	-67.25	435.08	155.50	2.81	PASS	
8825.00†	7188.06	274.04	-1110.49	8640.57	7019.77	-127.07	-1099.89	-67.25	435.11	163.20	2.67	PASS	
8925.00†	7187.49	271.67	-1210.46	8740.57	7019.17	-129.47	-1199.86	-67.24	435.14	170.97	2.55	PASS	
9025.00†	7186.92	269.30	-1310.44	8840.57	7018.57	-131.86	-1299.83	-67.24	435.17	178.82	2.44	PASS	
9125.00†	7186.34	266.93	-1410.41	8940.57	7017.97	-134.25	-1399.80	-67.24	435.21	186.72	2.34	PASS	
9225.00†	7185.77	264.56	-1510.38	9040.57	7017.37	-136.64	-1499.77	-67.24	435.24	194.69	2.24	PASS	
9325.00†	7185.20	262.19	-1610.35	9140.57	7016.77	-139.03	-1599.74	-67.23	435.27	202.69	2.15	PASS	
9425.00†	7184.63	259.82	-1710.32	9240.57	7016.16	-141.42	-1699.71	-67.23	435.30	210.75	2.07	PASS	
9525.00†	7184.05	257.45	-1810.29	9340.57	7015.56	-143.81	-1799.68	-67.23	435.33	218.83	1.99	PASS	
9625.00†	7183.48	255.08	-1910.26	9440.57	7014.96	-146.20	-1899.65	-67.23	435.36	226.96	1.92	PASS	
9725.00†	7182.91	252.71	-2010.23	9540.57	7014.36	-148.59	-1999.62	-67.22	435.39	235.11	1.85	PASS	
9825.00†	7182.34	250.34	-2110.20	9640.57	7013.76	-150.98	-2099.59	-67.22	435.42	243.28	1.79	PASS	
9925.00†	7181.76	247.97	-2210.17	9740.57	7013.16	-153.37	-2199.56	-67.22	435.45	251.49	1.73	PASS	
10025.00†	7181.19	245.60	-2310.14	9840.57	7012.56	-155.76	-2299.53	-67.22	435.48	259.71	1.68	PASS	
10125.00†	7180.62	243.23	-2410.11	9940.57	7011.95	-158.15	-2399.49	-67.21	435.51	267.95	1.63	PASS	
10225.00†	7180.05	240.86	-2510.08	10040.57	7011.35	-160.54	-2499.46	-67.21	435.54	276.21	1.58	PASS	
10325.00†	7179.47	238.49	-2610.05	10140.57	7010.75	-162.93	-2599.43	-67.21	435.57	284.49	1.53	PASS	
10425.00†	7178.90	236.12	-2710.02	10240.57	7010.15	-165.32	-2699.40	-67.21	435.60	292.79	1.49	PASS	
10525.00†	7178.33	233.75	-2809.99	10340.57	7009.55	-167.71	-2799.37	-67.20	435.63	301.09	1.45	PASS	
10625.00†	7177.76	231.38	-2909.96	10440.57	7008.95	-170.10	-2899.34	-67.20	435.66	309.41	1.41	PASS	
10725.00†	7177.18	229.01	-3009.93	10540.57	7008.34	-172.50	-2999.31	-67.20	435.69	317.74	1.37	PASS	
10825.00†	7176.61	226.64	-3109.90	10640.57	7007.74	-174.89	-3099.28	-67.20	435.72	326.08	1.34	PASS	
10925.00†	7176.04	224.27	-3209.87	10740.57	7007.14	-177.28	-3199.25	-67.19	435.75	334.43	1.30	PASS	
11025.00†	7175.47	221.90	-3309.84	10840.57	7006.54	-179.67	-3299.22	-67.19	435.78	342.79	1.27	PASS	
11125.00†	7174.89	219.53	-3409.81	10940.57	7005.94	-182.06	-3399.19	-67.19	435.81	351.16	1.24	PASS	
11225.00†	7174.32	217.16	-3509.78	11040.57	7005.34	-184.45	-3499.16	-67.19	435.84	359.54	1.21	PASS	
11325.00†	7173.75	214.79	-3609.75	11140.57	7004.73	-186.84	-3599.13	-67.19	435.88	367.92	1.19	PASS	
11425.00†	7173.17	212.42	-3709.72	11240.57	7004.13	-189.23	-3699.10	-67.18	435.91	376.31	1.16	PASS	
11525.00†	7172.60	210.06	-3809.69	11340.57	7003.53	-191.62	-3799.07	-67.18	435.94	384.71	1.13	PASS	
11625.00†	7172.03	207.69	-3909.66	11440.57	7002.93	-194.01	-3899.04	-67.18	435.97	393.11	1.11	PASS	
11725.00†	7171.46	205.32	-4009.63	11540.57	7002.33	-196.40	-3999.01	-67.18	436.00	401.52	1.09	PASS	
11825.00†	7170.88	202.95	-4109.60	11640.57	7001.73	-198.79	-4099.98	-67.17	436.03	409.93	1.06	PASS	
11925.00†	7170.31	200.58	-4209.57	11740.57	7001.12	-201.18	-4199.95	-67.17	436.06	418.35	1.04	PASS	
12025.00†	7169.74	198.21	-4309.54	11840.57	7000.52	-203.57	-4299.92	-67.17	436.09	426.77	1.02	PASS	
12125.00†	7169.17	195.84	-4409.51	11940.57	6999.92	-205.96	-4399.89	-67.17	436.12	435.20	1.00	PASS	
12225.00†	7168.59	193.47	-4509.48	12040.57	6999.32	-208.35	-4499.86	-67.16	436.15	443.63	0.98	FAIL	
12325.00†	7168.02	191.10	-4609.45	12140.57	6998.72	-210.74	-4599.83	-67.16	436.18	452.06	0.96	FAIL	
12425.00†	7167.45	188.73	-4709.42	12240.57	6998.12	-213.13	-4699.80	-67.16	436.21	460.50	0.95	FAIL	
12525.00†	7166.88	186.36	-4809.39	12340.57	6997.51	-215.52	-4799.77	-67.16	436.24	468.94	0.93	FAIL	
12625.00†	7166.30	183.99	-4909.37	12440.57	6996.91	-217.92	-4899.74	-67.15	436.27	477.39	0.91	FAIL	
12725.00†	7165.73	181.62	-5009.34	12540.57	6996.31	-220.31	-4999.70	-67.15	436.30	485.83	0.90	FAIL	
12825.00†	7165.16	179.25	-5109.31	12640.57	6995.71	-222.70	-5099.67	-67.15	436.33	494.28	0.88	FAIL	
12925.00†	7164.59	176.88	-5209.28	12740.57	6995.11	-225.09	-5199.64	-67.15	436.36	502.73	0.87	FAIL	
13025.00†	7164.01	174.51	-5309.25	12840.57	6994.51	-227.48	-5299.61	-67.14	436.39	511.19	0.85	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 4N-20B-L PWB Offset Wellpath: DONN 4N-20B-L PWP (REV-A.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	
13125.00†	7163.44	172.14	-5409.22	12940.57	6993.90	-229.87	-5398.58	-67.14	436.42	519.65	0.84	FAIL	
13225.00†	7162.87	169.77	-5509.19	13040.57	6993.30	-232.26	-5498.55	-67.14	436.45	528.10	0.83	FAIL	
13325.00†	7162.30	167.40	-5609.16	13140.57	6992.70	-234.65	-5598.52	-67.14	436.48	536.57	0.81	FAIL	
13425.00†	7161.72	165.03	-5709.13	13240.57	6992.10	-237.04	-5698.49	-67.13	436.52	545.03	0.80	FAIL	
13525.00†	7161.15	162.66	-5809.10	13340.57	6991.50	-239.43	-5798.46	-67.13	436.55	553.49	0.79	FAIL	
13625.00†	7160.58	160.29	-5909.07	13440.57	6990.90	-241.82	-5898.43	-67.13	436.58	561.96	0.78	FAIL	
13725.00†	7160.00	157.92	-6009.04	13540.57	6990.30	-244.21	-5998.40	-67.13	436.61	570.43	0.77	FAIL	
13825.00†	7159.43	155.55	-6109.01	13640.57	6989.69	-246.60	-6098.37	-67.12	436.64	578.90	0.75	FAIL	
13925.00†	7158.86	153.18	-6208.98	13740.57	6989.09	-248.99	-6198.34	-67.12	436.67	587.37	0.74	FAIL	
14025.00†	7158.29	150.81	-6308.95	13840.57	6988.49	-251.38	-6298.31	-67.12	436.70	595.85	0.73	FAIL	
14125.00†	7157.71	148.44	-6408.92	13940.57	6987.89	-253.77	-6398.28	-67.12	436.73	604.32	0.72	FAIL	
14225.00†	7157.14	146.07	-6508.89	14040.57	6987.29	-256.16	-6498.25	-67.11	436.76	612.80	0.71	FAIL	
14325.00†	7156.57	143.70	-6608.86	14140.57	6986.69	-258.55	-6598.22	-67.11	436.79	621.27	0.70	FAIL	
14425.00†	7156.00	141.33	-6708.83	14240.57	6986.08	-260.94	-6698.19	-67.11	436.82	629.75	0.69	FAIL	
14525.00†	7155.42	138.96	-6808.80	14340.57	6985.48	-263.34	-6798.16	-67.11	436.85	638.23	0.68	FAIL	
14625.00†	7154.85	136.59	-6908.77	14440.57	6984.88	-265.73	-6898.13	-67.10	436.88	646.71	0.68	FAIL	
14725.00†	7154.28	134.22	-7008.74	14540.57	6984.28	-268.12	-6998.10	-67.10	436.91	655.19	0.67	FAIL	
14825.00†	7153.71	131.85	-7108.71	14640.57	6983.68	-270.51	-7098.07	-67.10	436.94	663.67	0.66	FAIL	
14925.00†	7153.13	129.49	-7208.68	14740.57	6983.08	-272.90	-7198.04	-67.10	436.97	672.16	0.65	FAIL	
15025.00†	7152.56	127.12	-7308.65	14840.57	6982.47	-275.29	-7298.01	-67.09	437.00	680.64	0.64	FAIL	
15125.00†	7151.99	124.75	-7408.62	14940.57	6981.87	-277.68	-7397.98	-67.09	437.03	689.13	0.63	FAIL	
15225.00†	7151.42	122.38	-7508.59	15040.57	6981.27	-280.07	-7497.94	-67.09	437.06	697.61	0.63	FAIL	
15325.00†	7150.84	120.01	-7608.56	15140.57	6980.67	-282.46	-7597.91	-67.09	437.09	706.10	0.62	FAIL	
15425.00†	7150.27	117.64	-7708.53	15240.57	6980.07	-284.85	-7697.88	-67.08	437.13	714.58	0.61	FAIL	
15525.00†	7149.70	115.27	-7808.50	15340.57	6979.47	-287.24	-7797.85	-67.08	437.16	723.07	0.60	FAIL	
15625.00†	7149.13	112.90	-7908.47	15440.57	6978.86	-289.63	-7897.82	-67.08	437.19	731.56	0.60	FAIL	
15725.00†	7148.55	110.53	-8008.44	15540.57	6978.26	-292.02	-7997.79	-67.08	437.22	740.05	0.59	FAIL	
15825.00†	7147.98	108.16	-8108.41	15640.57	6977.66	-294.41	-8097.76	-67.07	437.25	748.54	0.58	FAIL	
15925.00†	7147.41	105.79	-8208.38	15740.57	6977.06	-296.80	-8197.73	-67.07	437.28	757.03	0.58	FAIL	
16025.00†	7146.84	103.42	-8308.35	15840.57	6976.46	-299.19	-8297.70	-67.07	437.31	765.52	0.57	FAIL	
16125.00†	7146.26	101.05	-8408.32	15940.57	6975.86	-301.58	-8397.67	-67.07	437.34	774.01	0.56	FAIL	
16225.00†	7145.69	98.68	-8508.30	16040.57	6975.25	-303.97	-8497.64	-67.07	437.37	782.50	0.56	FAIL	
16325.00†	7145.12	96.31	-8608.27	16140.57	6974.65	-306.37	-8597.61	-67.06	437.40	790.99	0.55	FAIL	
16425.00†	7144.54	93.94	-8708.24	16240.57	6974.05	-308.76	-8697.58	-67.06	437.43	799.49	0.55	FAIL	
16525.00†	7143.97	91.57	-8808.21	16340.57	6973.45	-311.15	-8797.55	-67.06	437.46	807.98	0.54	FAIL	
16625.00†	7143.40	89.20	-8908.18	16440.57	6972.85	-313.54	-8897.52	-67.06	437.49	816.47	0.54	FAIL	
16725.00†	7142.83	86.83	-9008.15	16540.57	6972.25	-315.93	-8997.49	-67.05	437.52	824.97	0.53	FAIL	
16825.00†	7142.25	84.46	-9108.12	16640.57	6971.64	-318.32	-9097.46	-67.05	437.55	833.46	0.52	FAIL	
16925.00†	7141.68	82.09	-9208.09	16740.57	6971.04	-320.71	-9197.43	-67.05	437.58	841.95	0.52	FAIL	
17025.00†	7141.11	79.72	-9308.06	16840.57	6970.44	-323.10	-9297.40	-67.05	437.61	850.45	0.51	FAIL	
17125.00†	7140.54	77.35	-9408.03	16940.57	6969.84	-325.49	-9397.37	-67.04	437.64	858.94	0.51	FAIL	
17225.00†	7139.96	74.98	-9508.00	17040.57	6969.24	-327.88	-9497.34	-67.04	437.67	867.44	0.50	FAIL	
17325.00†	7139.39	72.61	-9607.97	17140.57	6968.64	-330.27	-9597.31	-67.04	437.70	875.93	0.50	FAIL	
17425.00†	7138.82	70.24	-9707.94	17240.57	6968.04	-332.66	-9697.28	-67.04	437.74	884.43	0.49	FAIL	
17525.00†	7138.25	67.87	-9807.91	17340.57	6967.43	-335.05	-9797.25	-67.03	437.77	892.92	0.49	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4C-20-L PWP (REV-A.0)  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **DONN 4N-20B-L PWB** Offset Wellpath: **DONN 4N-20B-L PWP (REV-A.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	
17625.00†	7137.67	65.50	-9907.88	17440.57	6966.83	-337.44	-9897.22	-67.03	437.80	901.42	0.49	FAIL	
17725.00†	7137.10	63.13	-10007.85	17540.57	6966.23	-339.83	-9997.18	-67.03	437.83	909.92	0.48	FAIL	
17825.00†	7136.53	60.76	-10107.82	17640.57	6965.63	-342.22	-10097.15	-67.03	437.86	918.41	0.48	FAIL	
17917.24†	7136.00	58.58	-10200.03	17732.81	6965.07	-344.43	-10189.37	-67.02	437.89	926.25	0.47	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-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 4N-20B-L PWB** Offset Wellpath: **DONN 4N-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	25.00	1739.98	-24.43	-0.17	-26.99	51.36
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1739.98	-24.43	-0.17	-26.99	51.36
8.5in Open Hole	1750.00	17745.04	15995.04	1739.98	N/A	-26.99	51.36	N/A	N/A

**SURVEY PROGRAM** - Offset Wellbore: **DONN 4N-20B-L PWB** Offset Wellpath: **DONN 4N-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 4N-20B-L PWB
1750.00	17745.04	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-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 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20A-L PWB Offset Wellpath: DONN 30N-20A-L PWP (REV-A.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	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	1.89	42.39	PASS	
200.00	200.00	0.00	0.00	200.99	199.99	40.07	0.28	0.40	40.08	2.30	29.25	PASS	
225.00†	225.00	0.04	0.10	225.77	224.77	40.15	0.37	-68.39	40.11	2.44	26.46	PASS	
325.00†	324.96	0.99	2.54	324.88	323.84	41.80	2.38	-68.95	40.83	3.24	17.48	PASS	
425.00†	424.77	3.20	8.23	423.96	422.73	45.62	7.05	-70.23	42.49	4.32	12.38	PASS	
525.00†	524.30	6.67	17.17	523.01	521.32	51.61	14.35	-72.06	45.13	5.21	10.39	PASS	
569.36	568.34	8.61	22.16	566.93	564.93	54.95	18.43	-73.00	46.62	5.59	9.88	PASS	
625.00†	623.52	11.20	28.83	622.00	619.47	59.74	24.27	-73.68	48.92	6.07	9.40	PASS	
725.00†	722.69	15.86	40.82	721.37	717.58	69.78	36.52	-72.80	54.34	6.95	8.91	PASS	
825.00†	821.86	20.51	52.80	821.21	816.07	80.12	49.13	-71.76	60.00	7.84	8.59	PASS	
925.00†	921.03	25.17	64.79	921.04	914.56	90.46	61.74	-70.90	65.68	8.74	8.32	PASS	
1025.00†	1020.20	29.82	76.77	1020.87	1013.06	100.79	74.35	-70.18	71.37	9.66	8.10	PASS	
1125.00†	1119.37	34.48	88.76	1120.71	1111.55	111.13	86.96	-69.56	77.07	10.58	7.91	PASS	
1225.00†	1218.54	39.13	100.74	1220.54	1210.04	121.47	99.57	-69.03	82.78	11.53	7.75	PASS	
1325.00†	1317.71	43.79	112.73	1320.38	1308.54	131.81	112.18	-68.57	88.50	12.46	7.62	PASS	
1425.00†	1416.88	48.44	124.71	1420.21	1407.03	142.15	124.80	-68.16	94.22	13.40	7.50	PASS	
1525.00†	1516.05	53.10	136.70	1520.05	1505.52	152.48	137.41	-67.80	99.94	14.35	7.40	PASS	
1625.00†	1615.22	57.75	148.68	1619.88	1604.02	162.82	150.02	-67.48	105.67	15.30	7.31	PASS	
1725.00†	1714.39	62.41	160.67	1719.71	1702.51	173.16	162.63	-67.20	111.40	16.25	7.23	PASS	
1825.00†	1813.56	67.06	172.65	1819.55	1801.00	183.50	175.24	-66.94	117.14	16.49	7.38	PASS	
1925.00†	1912.73	71.72	184.64	1919.38	1899.50	193.84	187.85	-66.70	122.87	16.58	7.70	PASS	
2025.00†	2011.90	76.37	196.62	2019.22	1997.99	204.17	200.46	-66.49	128.61	16.73	7.98	PASS	
2125.00†	2111.07	81.03	208.61	2119.05	2096.48	214.51	213.07	-66.29	134.35	16.96	8.22	PASS	
2225.00†	2210.24	85.69	220.59	2218.88	2194.98	224.85	225.69	-66.11	140.09	17.26	8.42	PASS	
2325.00†	2309.41	90.34	232.58	2318.72	2293.47	235.19	238.30	-65.95	145.83	17.63	8.58	PASS	
2425.00†	2408.58	95.00	244.56	2418.55	2391.96	245.52	250.91	-65.79	151.57	18.06	8.70	PASS	
2525.00†	2507.75	99.65	256.55	2518.39	2490.46	255.86	263.52	-65.65	157.32	18.55	8.78	PASS	
2625.00†	2606.92	104.31	268.53	2618.22	2588.95	266.20	276.13	-65.52	163.06	19.09	8.83	PASS	
2725.00†	2706.09	108.96	280.52	2718.06	2687.44	276.54	288.74	-65.40	168.81	19.68	8.86	PASS	
2825.00†	2805.26	113.62	292.50	2817.89	2785.94	286.88	301.35	-65.28	174.56	20.32	8.87	PASS	
2925.00†	2904.43	118.27	304.49	2917.72	2884.43	297.21	313.96	-65.17	180.30	21.00	8.85	PASS	
3025.00†	3003.60	122.93	316.47	3017.56	2982.92	307.55	326.57	-65.07	186.05	21.71	8.82	PASS	
3125.00†	3102.77	127.58	328.46	3117.39	3081.42	317.89	339.19	-64.98	191.80	22.46	8.79	PASS	
3225.00†	3201.94	132.24	340.44	3217.23	3179.91	328.23	351.80	-64.89	197.55	23.24	8.74	PASS	
3325.00†	3301.11	136.89	352.43	3317.06	3278.40	338.56	364.41	-64.80	203.30	24.04	8.68	PASS	
3425.00†	3400.28	141.55	364.41	3416.89	3376.90	348.90	377.02	-64.72	209.05	24.87	8.62	PASS	
3525.00†	3499.45	146.21	376.40	3516.73	3475.39	359.24	389.63	-64.65	214.80	25.72	8.56	PASS	
3625.00†	3598.62	150.86	388.39	3616.56	3573.88	369.58	402.24	-64.58	220.55	26.59	8.49	PASS	
3725.00†	3697.79	155.52	400.37	3716.40	3672.38	379.92	414.85	-64.51	226.30	27.48	8.43	PASS	
3825.00†	3796.96	160.17	412.36	3816.23	3770.87	390.25	427.46	-64.44	232.05	28.38	8.36	PASS	
3925.00†	3896.13	164.83	424.34	3916.06	3869.36	400.59	440.07	-64.38	237.80	29.30	8.29	PASS	
4025.00†	3995.30	169.48	436.33	4015.90	3967.86	410.93	452.69	-64.33	243.55	30.23	8.23	PASS	
4125.00†	4094.47	174.14	448.31	4115.73	4066.35	421.27	465.30	-64.27	249.30	31.17	8.16	PASS	
4225.00†	4193.64	178.79	460.30	4215.57	4164.84	431.61	477.91	-64.22	255.05	32.12	8.10	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20A-L PWB Offset Wellpath: DONN 30N-20A-L PWP (REV-A.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	
4325.00†	4292.81	183.45	472.28	4315.40	4263.34	441.94	490.52	-64.17	260.81	33.08	8.03	PASS	
4425.00†	4391.98	188.10	484.27	4415.24	4361.83	452.28	503.13	-64.12	266.56	34.06	7.97	PASS	
4525.00†	4491.15	192.76	496.25	4515.07	4460.33	462.62	515.74	-64.07	272.31	35.04	7.91	PASS	
4625.00†	4590.32	197.41	508.24	4614.90	4558.82	472.96	528.35	-64.03	278.06	36.02	7.85	PASS	
4725.00†	4689.49	202.07	520.22	4714.74	4657.31	483.29	540.96	-63.98	283.82	37.02	7.80	PASS	
4825.00†	4788.66	206.73	532.21	4814.57	4755.81	493.63	553.58	-63.94	289.57	38.02	7.74	PASS	
4925.00†	4887.83	211.38	544.19	4914.41	4854.30	503.97	566.19	-63.90	295.32	39.03	7.69	PASS	
5025.00†	4987.00	216.04	556.18	5014.24	4952.79	514.31	578.80	-63.86	301.08	40.04	7.64	PASS	
5125.00†	5086.17	220.69	568.16	5114.07	5051.29	524.65	591.41	-63.83	306.83	41.05	7.59	PASS	
5225.00†	5185.33	225.35	580.15	5213.91	5149.78	534.98	604.02	-63.79	312.58	42.08	7.54	PASS	
5325.00†	5284.50	230.00	592.13	5313.74	5248.27	545.32	616.63	-63.76	318.34	43.10	7.49	PASS	
5425.00†	5383.67	234.66	604.12	5413.58	5346.77	555.66	629.24	-63.72	324.09	44.13	7.45	PASS	
5525.00†	5482.84	239.31	616.10	5513.41	5445.26	566.00	641.85	-63.69	329.85	45.17	7.40	PASS	
5625.00†	5582.01	243.97	628.09	5613.25	5543.75	576.33	654.46	-63.66	335.60	46.20	7.36	PASS	
5725.00†	5681.18	248.62	640.07	5713.08	5642.25	586.67	667.08	-63.63	341.35	47.24	7.32	PASS	
5825.00†	5780.35	253.28	652.06	5812.91	5740.74	597.01	679.69	-63.60	347.11	48.29	7.28	PASS	
5925.00†	5879.52	257.93	664.04	5912.75	5839.23	607.35	692.30	-63.58	352.86	49.33	7.24	PASS	
6025.00†	5978.69	262.59	676.03	6012.58	5937.73	617.69	704.91	-63.55	358.62	50.38	7.21	PASS	
6125.00†	6077.86	267.25	688.01	6112.42	6036.22	628.02	717.52	-63.52	364.37	51.43	7.17	PASS	
6225.00†	6177.03	271.90	700.00	6212.25	6134.71	638.36	730.13	-63.50	370.13	52.48	7.13	PASS	
6325.00†	6276.20	276.56	711.98	6312.08	6233.20	648.69	742.74	-63.47	375.88	53.53	7.09	PASS	
6425.00†	6375.37	281.21	723.97	6411.91	6331.69	659.02	755.35	-63.44	381.63	54.58	7.05	PASS	
6525.00†	6474.54	285.87	735.95	6511.74	6430.18	669.35	767.96	-63.41	387.38	55.63	7.01	PASS	
6532.63	6482.11	286.22	736.87	6521.58	6439.48	669.13	715.88	-71.27	385.84	56.34	6.92	PASS	
6625.00†	6574.20	290.39	741.26	6602.84	6515.50	676.25	688.24	21.86	393.88	57.23	6.96	PASS	
6725.00†	6673.48	294.52	750.94	6687.04	6589.94	682.95	649.60	64.33	405.55	58.24	7.04	PASS	
6825.00†	6769.94	298.18	760.22	6768.06	6666.20	688.65	603.41	65.71	419.25	58.94	7.19	PASS	
6925.00†	6861.20	301.25	764.71	6846.56	6744.35	693.38	550.97	63.75	433.90	59.53	7.36	PASS	
7025.00†	6945.03	303.68	770.42	6923.03	6824.43	697.17	493.35	61.27	448.51	60.49	7.49	PASS	
7125.00†	7019.34	305.39	776.91	6997.91	6906.47	700.04	431.51	58.92	462.22	61.85	7.55	PASS	
7225.00†	7082.33	306.35	782.16	7071.55	6984.50	702.01	366.29	56.91	474.34	62.35	7.68	PASS	
7325.00†	7132.43	306.53	787.73	7144.24	7066.54	703.11	298.47	55.32	484.33	63.98	7.41	PASS	
7425.00†	7168.40	305.93	793.26	7216.26	7148.59	703.35	228.79	54.18	491.76	65.82	7.21	PASS	
7525.00†	7189.38	304.57	798.88	7287.83	7234.67	702.75	157.97	53.47	496.34	67.12	6.94	PASS	
7613.44	7195.00	302.75	800.71	7353.26	7316.97	701.49	92.62	53.23	497.88	68.37	6.66	PASS	
7625.00†	7194.93	302.47	801.15	7364.82	7328.92	701.22	81.07	53.23	497.87	68.37	6.61	PASS	
7725.00†	7194.36	300.10	-10.82	7464.82	7428.50	698.88	-18.91	53.25	497.80	68.34	6.24	PASS	
7825.00†	7193.79	297.73	-110.79	7564.82	7532.08	696.54	-118.88	53.26	497.73	68.24	5.88	PASS	
7925.00†	7193.22	295.36	-210.76	7664.82	7635.67	694.20	-218.85	53.28	497.67	68.14	5.53	PASS	
8025.00†	7192.64	292.99	-310.73	7764.82	7709.25	691.86	-318.82	53.30	497.60	68.04	5.21	PASS	
8125.00†	7192.07	290.63	-410.70	7864.82	7813.83	689.52	-418.79	53.31	497.53	67.94	4.91	PASS	
8225.00†	7191.50	288.26	-510.67	7964.82	7918.41	687.19	-518.76	53.33	497.46	67.84	4.63	PASS	
8325.00†	7190.93	285.89	-610.64	8064.82	8023.00	684.85	-618.74	53.35	497.40	67.74	4.37	PASS	
8425.00†	7190.35	283.52	-710.61	8164.82	8127.58	682.51	-718.71	53.36	497.33	67.64	4.14	PASS	
8525.00†	7189.78	281.15	-810.58	8264.82	8232.16	680.17	-818.68	53.38	497.26	67.54	3.92	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20A-L PWB Offset Wellpath: DONN 30N-20A-L PWP (REV-A.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†	7189.21	278.78	-910.55	8364.82	6892.74	677.83	-918.65	53.40	497.19	133.89	3.73	PASS	
8725.00†	7188.64	276.41	-1010.52	8464.82	6892.33	675.49	-1018.62	53.41	497.13	140.64	3.55	PASS	
8825.00†	7188.06	274.04	-1110.49	8564.82	6891.91	673.16	-1118.59	53.43	497.06	147.48	3.38	PASS	
8925.00†	7187.49	271.67	-1210.46	8664.82	6891.49	670.82	-1218.57	53.45	496.99	154.40	3.23	PASS	
9025.00†	7186.92	269.30	-1310.44	8764.82	6891.07	668.48	-1318.54	53.46	496.92	161.37	3.09	PASS	
9125.00†	7186.34	266.93	-1410.41	8864.82	6890.66	666.14	-1418.51	53.48	496.86	168.40	2.96	PASS	
9225.00†	7185.77	264.56	-1510.38	8964.82	6890.24	663.80	-1518.48	53.50	496.79	175.49	2.84	PASS	
9325.00†	7185.20	262.19	-1610.35	9064.82	6889.82	661.46	-1618.45	53.51	496.72	182.61	2.73	PASS	
9425.00†	7184.63	259.82	-1710.32	9164.82	6889.40	659.13	-1718.42	53.53	496.66	189.79	2.62	PASS	
9525.00†	7184.05	257.45	-1810.29	9264.82	6888.99	656.79	-1818.39	53.55	496.59	197.00	2.53	PASS	
9625.00†	7183.48	255.08	-1910.26	9364.82	6888.57	654.45	-1918.37	53.56	496.52	204.23	2.44	PASS	
9725.00†	7182.91	252.71	-2010.23	9464.82	6888.15	652.11	-2018.34	53.58	496.46	211.50	2.35	PASS	
9825.00†	7182.34	250.34	-2110.20	9564.82	6887.74	649.77	-2118.31	53.60	496.39	218.80	2.27	PASS	
9925.00†	7181.76	247.97	-2210.17	9664.82	6887.32	647.43	-2218.28	53.61	496.32	226.12	2.20	PASS	
10025.00†	7181.19	245.60	-2310.14	9764.82	6886.90	645.10	-2318.25	53.63	496.26	233.46	2.13	PASS	
10125.00†	7180.62	243.23	-2410.11	9864.82	6886.48	642.76	-2418.22	53.64	496.19	240.83	2.06	PASS	
10225.00†	7180.05	240.86	-2510.08	9964.82	6886.07	640.42	-2518.20	53.66	496.12	248.21	2.00	PASS	
10325.00†	7179.47	238.49	-2610.05	10064.82	6885.65	638.08	-2618.17	53.68	496.05	255.61	1.94	PASS	
10425.00†	7178.90	236.12	-2710.02	10164.82	6885.23	635.74	-2718.14	53.69	495.99	263.03	1.89	PASS	
10525.00†	7178.33	233.75	-2809.99	10264.82	6884.81	633.40	-2818.11	53.71	495.92	270.46	1.84	PASS	
10625.00†	7177.76	231.38	-2909.96	10364.82	6884.40	631.07	-2918.08	53.73	495.86	277.91	1.79	PASS	
10725.00†	7177.18	229.01	-3009.93	10464.82	6883.98	628.73	-3018.05	53.74	495.79	285.37	1.74	PASS	
10825.00†	7176.61	226.64	-3109.90	10564.82	6883.56	626.39	-3118.03	53.76	495.72	292.84	1.69	PASS	
10925.00†	7176.04	224.27	-3209.87	10664.82	6883.14	624.05	-3218.00	53.78	495.66	300.33	1.65	PASS	
11025.00†	7175.47	221.90	-3309.84	10764.82	6882.73	621.71	-3317.97	53.79	495.59	307.82	1.61	PASS	
11125.00†	7174.89	219.53	-3409.81	10864.82	6882.31	619.37	-3417.94	53.81	495.52	315.33	1.57	PASS	
11225.00†	7174.32	217.16	-3509.78	10964.82	6881.89	617.04	-3517.91	53.83	495.46	322.85	1.54	PASS	
11325.00†	7173.75	214.79	-3609.75	11064.82	6881.47	614.70	-3617.88	53.84	495.39	330.37	1.50	PASS	
11425.00†	7173.17	212.42	-3709.72	11164.82	6881.06	612.36	-3717.86	53.86	495.32	337.91	1.47	PASS	
11525.00†	7172.60	210.06	-3809.69	11264.82	6880.64	610.02	-3817.83	53.88	495.26	345.46	1.43	PASS	
11625.00†	7172.03	207.69	-3909.66	11364.82	6880.22	607.68	-3917.80	53.89	495.19	353.01	1.40	PASS	
11725.00†	7171.46	205.32	-4009.63	11464.82	6879.80	605.34	-4017.77	53.91	495.13	360.57	1.37	PASS	
11825.00†	7170.88	202.95	-4109.60	11564.81	6879.39	603.01	-4117.74	53.93	495.06	368.14	1.35	PASS	
11925.00†	7170.31	200.58	-4209.57	11664.81	6878.97	600.67	-4217.71	53.94	494.99	375.72	1.32	PASS	
12025.00†	7169.74	198.21	-4309.54	11764.81	6878.55	598.33	-4317.69	53.96	494.93	383.30	1.29	PASS	
12125.00†	7169.17	195.84	-4409.51	11864.81	6878.13	595.99	-4417.66	53.98	494.86	390.89	1.27	PASS	
12225.00†	7168.59	193.47	-4509.48	11964.81	6877.72	593.65	-4517.63	53.99	494.80	398.49	1.24	PASS	
12325.00†	7168.02	191.10	-4609.45	12064.81	6877.30	591.31	-4617.60	54.01	494.73	406.09	1.22	PASS	
12425.00†	7167.45	188.73	-4709.42	12164.81	6876.88	588.98	-4717.57	54.03	494.66	413.71	1.20	PASS	
12525.00†	7166.88	186.36	-4809.39	12264.81	6876.47	586.64	-4817.54	54.04	494.60	421.32	1.17	PASS	
12625.00†	7166.30	183.99	-4909.37	12364.81	6876.05	584.30	-4917.52	54.06	494.53	428.94	1.15	PASS	
12725.00†	7165.73	181.62	-5009.34	12464.81	6875.63	581.96	-5017.49	54.08	494.47	436.57	1.13	PASS	
12825.00†	7165.16	179.25	-5109.31	12564.81	6875.21	579.62	-5117.46	54.09	494.40	444.21	1.11	PASS	
12925.00†	7164.59	176.88	-5209.28	12664.81	6874.80	577.28	-5217.43	54.11	494.34	451.85	1.09	PASS	
13025.00†	7164.01	174.51	-5309.25	12764.81	6874.38	574.95	-5317.40	54.13	494.27	459.49	1.08	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 30N-20A-L PWB Offset Wellpath: DONN 30N-20A-L PWP (REV-A.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
13125.00†	7163.44	172.14	-5409.22	12864.81	6873.96	572.61	-5417.37	54.14	494.21	467.14	1.06	PASS
13225.00†	7162.87	169.77	-5509.19	12964.81	6873.54	570.27	-5517.35	54.16	494.14	474.80	1.04	PASS
13325.00†	7162.30	167.40	-5609.16	13064.81	6873.13	567.93	-5617.32	54.18	494.07	482.46	1.02	PASS
13425.00†	7161.72	165.03	-5709.13	13164.81	6872.71	565.59	-5717.29	54.19	494.01	490.12	1.01	PASS
13525.00†	7161.15	162.66	-5809.10	13264.81	6872.29	563.25	-5817.26	54.21	493.94	497.79	0.99	FAIL
13625.00†	7160.58	160.29	-5909.07	13364.81	6871.87	560.92	-5917.23	54.23	493.88	505.47	0.98	FAIL
13725.00†	7160.00	157.92	-6009.04	13464.81	6871.46	558.58	-6017.20	54.24	493.81	513.15	0.96	FAIL
13825.00†	7159.43	155.55	-6109.01	13564.81	6871.04	556.24	-6117.18	54.26	493.75	520.83	0.95	FAIL
13925.00†	7158.86	153.18	-6208.98	13664.81	6870.62	553.90	-6217.15	54.28	493.68	528.52	0.93	FAIL
14025.00†	7158.29	150.81	-6308.95	13764.81	6870.20	551.56	-6317.12	54.29	493.62	536.21	0.92	FAIL
14125.00†	7157.71	148.44	-6408.92	13864.81	6869.79	549.22	-6417.09	54.31	493.55	543.91	0.91	FAIL
14225.00†	7157.14	146.07	-6508.89	13964.81	6869.37	546.89	-6517.06	54.33	493.49	551.61	0.89	FAIL
14325.00†	7156.57	143.70	-6608.86	14064.81	6868.95	544.55	-6617.03	54.35	493.42	559.32	0.88	FAIL
14425.00†	7156.00	141.33	-6708.83	14164.81	6868.53	542.21	-6717.01	54.36	493.36	567.03	0.87	FAIL
14525.00†	7155.42	138.96	-6808.80	14264.81	6868.12	539.87	-6816.98	54.38	493.29	574.74	0.86	FAIL
14625.00†	7154.85	136.59	-6908.77	14364.81	6867.70	537.53	-6916.95	54.40	493.23	582.46	0.85	FAIL
14725.00†	7154.28	134.22	-7008.74	14464.81	6867.28	535.19	-7016.92	54.41	493.16	590.18	0.84	FAIL
14825.00†	7153.71	131.85	-7108.71	14564.81	6866.87	532.86	-7116.89	54.43	493.10	597.91	0.82	FAIL
14925.00†	7153.13	129.49	-7208.68	14664.81	6866.45	530.52	-7216.86	54.45	493.03	605.64	0.81	FAIL
15025.00†	7152.56	127.12	-7308.65	14764.81	6866.03	528.18	-7316.84	54.46	492.97	613.37	0.80	FAIL
15125.00†	7151.99	124.75	-7408.62	14864.81	6865.61	525.84	-7416.81	54.48	492.90	621.11	0.79	FAIL
15225.00†	7151.42	122.38	-7508.59	14964.81	6865.20	523.50	-7516.78	54.50	492.84	628.85	0.78	FAIL
15325.00†	7150.84	120.01	-7608.56	15064.81	6864.78	521.16	-7616.75	54.51	492.78	636.60	0.77	FAIL
15425.00†	7150.27	117.64	-7708.53	15164.81	6864.36	518.83	-7716.72	54.53	492.71	644.35	0.76	FAIL
15525.00†	7149.70	115.27	-7808.50	15264.81	6863.94	516.49	-7816.69	54.55	492.65	652.10	0.76	FAIL
15625.00†	7149.13	112.90	-7908.47	15364.81	6863.53	514.15	-7916.67	54.56	492.58	659.86	0.75	FAIL
15725.00†	7148.55	110.53	-8008.44	15464.81	6863.11	511.81	-8016.64	54.58	492.52	667.62	0.74	FAIL
15825.00†	7147.98	108.16	-8108.41	15564.81	6862.69	509.47	-8116.61	54.60	492.45	675.38	0.73	FAIL
15925.00†	7147.41	105.79	-8208.38	15664.81	6862.27	507.13	-8216.58	54.61	492.39	683.15	0.72	FAIL
16025.00†	7146.84	103.42	-8308.35	15764.81	6861.86	504.80	-8316.55	54.63	492.32	690.92	0.71	FAIL
16125.00†	7146.26	101.05	-8408.32	15864.81	6861.44	502.46	-8416.52	54.65	492.26	698.70	0.70	FAIL
16225.00†	7145.69	98.68	-8508.30	15964.81	6861.02	500.12	-8516.50	54.66	492.20	706.48	0.70	FAIL
16325.00†	7145.12	96.31	-8608.27	16064.81	6860.60	497.78	-8616.47	54.68	492.13	714.26	0.69	FAIL
16425.00†	7144.54	93.94	-8708.24	16164.81	6860.19	495.44	-8716.44	54.70	492.07	722.04	0.68	FAIL
16525.00†	7143.97	91.57	-8808.21	16264.81	6859.77	493.10	-8816.41	54.72	492.00	729.83	0.67	FAIL
16625.00†	7143.40	89.20	-8908.18	16364.81	6859.35	490.77	-8916.38	54.73	491.94	737.63	0.67	FAIL
16725.00†	7142.83	86.83	-9008.15	16464.81	6858.93	488.43	-9016.35	54.75	491.88	745.42	0.66	FAIL
16825.00†	7142.25	84.46	-9108.12	16564.81	6858.52	486.09	-9116.33	54.77	491.81	753.22	0.65	FAIL
16925.00†	7141.68	82.09	-9208.09	16664.81	6858.10	483.75	-9216.30	54.78	491.75	761.02	0.65	FAIL
17025.00†	7141.11	79.72	-9308.06	16764.81	6857.68	481.41	-9316.27	54.80	491.68	768.83	0.64	FAIL
17125.00†	7140.54	77.35	-9408.03	16864.81	6857.26	479.07	-9416.24	54.82	491.62	776.64	0.63	FAIL
17225.00†	7139.96	74.98	-9508.00	16964.81	6856.85	476.74	-9516.21	54.83	491.56	784.45	0.63	FAIL
17325.00†	7139.39	72.61	-9607.97	17064.81	6856.43	474.40	-9616.18	54.85	491.49	792.27	0.62	FAIL
17425.00†	7138.82	70.24	-9707.94	17164.81	6856.01	472.06	-9716.16	54.87	491.43	800.09	0.61	FAIL
17525.00†	7138.25	67.87	-9807.91	17264.81	6855.60	469.72	-9816.13	54.88	491.37	807.91	0.61	FAIL

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
**DONN 4C-20-L PWP (REV-A.0)**  
**Closest Approach**  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA** - Offset Wellbore: **DONN 30N-20A-L PWB** Offset Wellpath: **DONN 30N-20A-L PWP (REV-A.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	
17625.00†	7137.67	65.50	-9907.88	17364.81	6855.18	467.38	-9916.10	54.90	491.30	815.74	0.60	FAIL	
17725.00†	7137.10	63.13	-10007.85	17464.81	6854.76	465.04	-10016.07	54.92	491.24	823.56	0.60	FAIL	
17825.00†	7136.53	60.76	-10107.82	17564.81	6854.34	462.70	-10116.04	54.93	491.17	831.40	0.59	FAIL	
17914.00†	7136.02	58.65	-10196.79	17646.99	6854.00	460.78	-10198.20	54.95	491.17	838.07	0.59	FAIL	
17917.24	7136.00	58.58	-10200.04	17646.99	6854.00	460.78	-10198.20	54.95	491.22	837.77	0.59	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-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 30N-20A-L PWB** Offset Wellpath: **DONN 30N-20A-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	24.00	1732.39	24.43	0.17	65.95	50.82
9.625in Casing Surface	25.00	1750.00	1725.00	24.00	1732.39	24.43	0.17	65.95	50.82
8.5in Open Hole	1750.00	17646.99	15896.99	1732.39	N/A	65.95	50.82	N/A	N/A

**SURVEY PROGRAM** - Offset Wellbore: **DONN 30N-20A-L PWB** Offset Wellpath: **DONN 30N-20A-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 30N-20A-L PWB
1750.00	17646.99	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-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-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	64.10	PASS	
200.00	200.00	0.00	0.00	200.00	200.00	-59.75	-0.56	-179.47	59.75	2.30	44.02	PASS	
225.00†	225.00	0.04	0.10	225.00	225.00	-59.75	-0.56	111.86	59.79	2.44	39.85	PASS	
325.00†	324.96	0.99	2.54	324.85	324.85	-59.78	-0.45	114.02	60.84	3.10	28.02	PASS	
425.00†	424.77	3.20	8.23	424.35	424.31	-60.45	2.05	116.68	63.95	3.95	21.12	PASS	
525.00†	524.30	6.67	17.17	523.83	523.61	-62.02	7.88	118.71	69.32	4.81	17.76	PASS	
569.36	568.34	8.61	22.16	567.95	567.56	-63.00	11.53	119.40	72.40	5.19	16.92	PASS	
625.00†	623.52	11.20	28.83	623.26	622.58	-64.48	17.04	119.80	76.60	5.60	16.31	PASS	
725.00†	722.69	15.86	40.82	722.84	721.39	-67.68	28.90	119.05	84.39	6.38	15.39	PASS	
825.00†	821.86	20.51	52.80	822.52	820.28	-70.94	41.02	118.26	92.22	7.23	14.57	PASS	
925.00†	921.03	25.17	64.79	922.21	919.17	-74.21	53.14	117.59	100.07	8.11	13.87	PASS	
1025.00†	1020.20	29.82	76.77	1021.89	1018.07	-77.47	65.27	117.03	107.93	9.01	13.29	PASS	
1125.00†	1119.37	34.48	88.76	1121.58	1116.96	-80.73	77.39	116.54	115.80	9.93	12.80	PASS	
1225.00†	1218.54	39.13	100.74	1221.26	1215.85	-84.00	89.51	116.11	123.67	10.87	12.39	PASS	
1325.00†	1317.71	43.79	112.73	1320.95	1314.74	-87.26	101.63	115.73	131.55	11.82	12.03	PASS	
1425.00†	1416.88	48.44	124.71	1420.64	1413.63	-90.53	113.76	115.40	139.44	12.76	11.74	PASS	
1525.00†	1516.05	53.10	136.70	1520.32	1512.52	-93.79	125.88	115.10	147.33	13.72	11.48	PASS	
1625.00†	1615.22	57.75	148.68	1620.01	1611.42	-97.05	138.00	114.83	155.22	14.68	11.25	PASS	
1725.00†	1714.39	62.41	160.67	1719.69	1710.31	-100.32	150.12	114.59	163.12	15.64	11.05	PASS	
1825.00†	1813.56	67.06	172.65	1819.38	1809.20	-103.58	162.25	114.37	171.02	15.90	11.21	PASS	
1925.00†	1912.73	71.72	184.64	1919.06	1908.09	-106.84	174.37	114.17	178.92	16.00	11.65	PASS	
2025.00†	2011.90	76.37	196.62	2018.75	2006.98	-110.11	186.49	113.98	186.82	16.17	12.04	PASS	
2125.00†	2111.07	81.03	208.61	2118.43	2105.87	-113.37	198.61	113.81	194.73	16.41	12.35	PASS	
2225.00†	2210.24	85.69	220.59	2218.12	2204.77	-116.64	210.74	113.66	202.64	16.73	12.61	PASS	
2325.00†	2309.41	90.34	232.58	2317.80	2303.66	-119.90	222.86	113.51	210.54	17.11	12.80	PASS	
2425.00†	2408.58	95.00	244.56	2417.49	2402.55	-123.16	234.98	113.38	218.45	17.55	12.93	PASS	
2525.00†	2507.75	99.65	256.55	2517.18	2501.44	-126.43	247.11	113.26	226.36	18.05	13.01	PASS	
2625.00†	2606.92	104.31	268.53	2616.86	2600.33	-129.69	259.23	113.14	234.28	18.60	13.05	PASS	
2725.00†	2706.09	108.96	280.52	2716.55	2699.22	-132.96	271.35	113.03	242.19	19.21	13.05	PASS	
2825.00†	2805.26	113.62	292.50	2816.23	2798.12	-136.22	283.47	112.93	250.10	19.85	13.03	PASS	
2925.00†	2904.43	118.27	304.49	2915.92	2897.01	-139.48	295.60	112.84	258.02	20.54	12.98	PASS	
3025.00†	3003.60	122.93	316.47	3015.60	2995.90	-142.75	307.72	112.75	265.93	21.26	12.91	PASS	
3125.00†	3102.77	127.58	328.46	3115.29	3094.79	-146.01	319.84	112.66	273.85	22.01	12.82	PASS	
3225.00†	3201.94	132.24	340.44	3214.97	3193.68	-149.28	331.96	112.58	281.76	22.79	12.73	PASS	
3325.00†	3301.11	136.89	352.43	3314.66	3292.58	-152.54	344.09	112.51	289.68	23.60	12.62	PASS	
3425.00†	3400.28	141.55	364.41	3414.34	3391.47	-155.80	356.21	112.44	297.60	24.43	12.52	PASS	
3525.00†	3499.45	146.21	376.40	3514.03	3490.36	-159.07	368.33	112.37	305.51	25.28	12.41	PASS	
3625.00†	3598.62	150.86	388.39	3613.72	3589.25	-162.33	380.45	112.31	313.43	26.15	12.29	PASS	
3725.00†	3697.79	155.52	400.37	3713.40	3688.14	-165.60	392.58	112.24	321.35	27.03	12.18	PASS	
3825.00†	3796.96	160.17	412.36	3813.09	3787.03	-168.86	404.70	112.19	329.27	27.93	12.07	PASS	
3925.00†	3896.13	164.83	424.34	3912.77	3885.93	-172.12	416.82	112.13	337.19	28.85	11.96	PASS	
4025.00†	3995.30	169.48	436.33	4012.46	3984.82	-175.39	428.95	112.08	345.11	29.78	11.85	PASS	
4125.00†	4094.47	174.14	448.31	4112.14	4083.71	-178.65	441.07	112.03	353.03	30.71	11.74	PASS	
4225.00†	4193.64	178.79	460.30	4211.83	4182.60	-181.91	453.19	111.98	360.95	31.66	11.64	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	4311.51	4281.49	-185.18	465.31	111.93	368.87	32.62	11.54	PASS	
4425.00†	4391.98	188.10	484.27	4411.20	4380.38	-188.44	477.44	111.89	376.79	33.59	11.44	PASS	
4525.00†	4491.15	192.76	496.25	4510.88	4479.28	-191.71	489.56	111.85	384.71	34.56	11.34	PASS	
4625.00†	4590.32	197.41	508.24	4610.57	4578.17	-194.97	501.68	111.81	392.63	35.54	11.25	PASS	
4725.00†	4689.49	202.07	520.22	4710.25	4677.06	-198.23	513.80	111.77	400.55	36.53	11.16	PASS	
4825.00†	4788.66	206.73	532.21	4809.94	4775.95	-201.50	525.93	111.73	408.47	37.53	11.07	PASS	
4925.00†	4887.83	211.38	544.19	4909.63	4874.84	-204.76	538.05	111.69	416.39	38.53	10.99	PASS	
5025.00†	4987.00	216.04	556.18	5009.31	4973.73	-208.03	550.17	111.66	424.31	39.53	10.91	PASS	
5125.00†	5086.17	220.69	568.16	5109.00	5072.63	-211.29	562.29	111.63	432.23	40.54	10.83	PASS	
5225.00†	5185.33	225.35	580.15	5208.68	5171.52	-214.55	574.42	111.59	440.15	41.56	10.76	PASS	
5325.00†	5284.50	230.00	592.13	5308.37	5270.41	-217.82	586.54	111.56	448.08	42.57	10.69	PASS	
5425.00†	5383.67	234.66	604.12	5408.05	5369.30	-221.08	598.66	111.53	456.00	43.60	10.62	PASS	
5525.00†	5482.84	239.31	616.10	5507.74	5468.19	-224.35	610.79	111.50	463.92	44.62	10.55	PASS	
5625.00†	5582.01	243.97	628.09	5607.42	5567.09	-227.61	622.91	111.48	471.84	45.65	10.48	PASS	
5725.00†	5681.18	248.62	640.07	5707.11	5665.98	-230.87	635.03	111.45	479.76	46.68	10.42	PASS	
5825.00†	5780.35	253.28	652.06	5806.79	5764.87	-234.14	647.15	111.42	487.69	47.72	10.36	PASS	
5925.00†	5879.52	257.93	664.04	5906.48	5863.76	-237.40	659.28	111.40	495.61	48.75	10.30	PASS	
6025.00†	5978.69	262.59	676.03	6006.17	5962.65	-240.66	671.40	111.37	503.53	49.79	10.24	PASS	
6125.00†	6077.86	267.25	688.01	6105.85	6061.54	-243.93	683.52	111.35	511.45	50.83	10.19	PASS	
6225.00†	6177.03	271.90	700.00	6205.54	6160.44	-247.19	695.64	111.33	519.38	51.88	10.14	PASS	
6325.00†	6276.20	276.56	711.98	6305.22	6259.33	-250.46	707.77	111.30	527.30	52.93	10.08	PASS	
6425.00†	6375.37	281.21	723.97	6404.91	6358.22	-253.72	719.89	111.28	535.22	53.97	10.03	PASS	
6525.00†	6474.54	285.87	735.95	6504.59	6457.11	-256.98	732.01	111.26	543.14	55.02	9.99	PASS	
6532.63	6482.11	286.22	736.87	6512.20	6464.66	-257.23	732.94	111.26	543.75	55.10	9.98	PASS	
6625.00†	6574.20	290.39	741.26	6602.33	6554.44	-260.31	739.29	-149.89	551.05	56.29	9.90	PASS	
6725.00†	6673.48	294.52	730.94	6699.87	6651.54	-263.97	731.97	-101.69	558.92	58.25	9.70	PASS	
6825.00†	6769.94	298.18	705.22	6797.84	6746.79	-267.92	709.78	-95.12	566.59	60.03	9.54	PASS	
6925.00†	6861.20	301.25	664.71	6896.33	6837.96	-272.07	673.02	-92.54	573.85	61.14	9.48	PASS	
7025.00†	6945.03	303.68	610.42	6995.39	6922.83	-276.32	622.31	-91.15	580.55	62.54	9.38	PASS	
7125.00†	7019.34	305.39	543.69	7095.07	6999.25	-280.58	558.61	-90.31	586.51	64.59	9.17	PASS	
7225.00†	7082.33	306.35	466.16	7195.38	7065.18	-284.75	483.26	-89.80	591.59	67.19	8.89	PASS	
7325.00†	7132.43	306.53	379.73	7296.33	7118.75	-288.70	397.92	-89.51	595.67	70.72	8.50	PASS	
7425.00†	7168.40	305.93	286.54	7397.89	7158.37	-292.35	304.59	-89.41	598.63	75.02	8.05	PASS	
7525.00†	7189.38	304.57	188.88	7500.01	7182.75	-295.58	205.59	-89.45	600.41	79.92	7.57	PASS	
7613.44	7195.00	302.75	100.71	7590.75	7190.90	-298.02	115.33	-89.61	600.96	84.49	7.16	PASS	
7625.00†	7194.93	302.47	89.15	7602.63	7191.01	-298.30	103.45	-89.63	600.96	85.10	7.11	PASS	
7725.00†	7194.36	300.10	-10.82	7702.72	7190.55	-300.67	3.39	-89.64	600.95	90.70	6.67	PASS	
7825.00†	7193.79	297.73	-110.79	7802.72	7190.08	-303.03	-96.58	-89.65	600.94	96.84	6.24	PASS	
7925.00†	7193.22	295.36	-210.76	7902.72	7189.62	-305.39	-196.55	-89.66	600.94	103.45	5.84	PASS	
8025.00†	7192.64	292.99	-310.73	8002.72	7189.15	-307.75	-296.52	-89.67	600.93	110.43	5.47	PASS	
8125.00†	7192.07	290.63	-410.70	8102.72	7188.68	-310.12	-396.49	-89.68	600.92	117.73	5.13	PASS	
8225.00†	7191.50	288.26	-510.67	8202.72	7188.22	-312.48	-496.46	-89.69	600.91	125.29	4.82	PASS	
8325.00†	7190.93	285.89	-610.64	8302.72	7187.75	-314.84	-596.43	-89.70	600.90	133.06	4.53	PASS	
8425.00†	7190.35	283.52	-710.61	8402.72	7187.29	-317.20	-696.41	-89.71	600.90	141.00	4.28	PASS	
8525.00†	7189.78	281.15	-810.58	8502.72	7186.82	-319.57	-796.38	-89.72	600.89	149.10	4.04	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	8602.72	7186.36	-321.93	-896.35	-89.73	600.88	157.32	3.83	PASS	
8725.00†	7188.64	276.41	-1010.52	8702.72	7185.89	-324.29	-996.32	-89.74	600.87	165.65	3.64	PASS	
8825.00†	7188.06	274.04	-1110.49	8802.72	7185.42	-326.65	-1096.29	-89.75	600.86	174.07	3.46	PASS	
8925.00†	7187.49	271.67	-1210.46	8902.72	7184.96	-329.01	-1196.26	-89.76	600.85	182.57	3.30	PASS	
9025.00†	7186.92	269.30	-1310.44	9002.72	7184.49	-331.38	-1296.23	-89.77	600.85	191.14	3.15	PASS	
9125.00†	7186.34	266.93	-1410.41	9102.72	7184.03	-333.74	-1396.20	-89.78	600.84	199.77	3.01	PASS	
9225.00†	7185.77	264.56	-1510.38	9202.72	7183.56	-336.10	-1496.17	-89.79	600.83	208.45	2.89	PASS	
9325.00†	7185.20	262.19	-1610.35	9302.72	7183.10	-338.46	-1596.14	-89.80	600.82	217.17	2.77	PASS	
9425.00†	7184.63	259.82	-1710.32	9402.72	7182.63	-340.82	-1696.11	-89.81	600.81	225.94	2.66	PASS	
9525.00†	7184.05	257.45	-1810.29	9502.72	7182.16	-343.19	-1796.09	-89.82	600.81	234.74	2.56	PASS	
9625.00†	7183.48	255.08	-1910.26	9602.72	7181.70	-345.55	-1896.06	-89.83	600.80	243.58	2.47	PASS	
9725.00†	7182.91	252.71	-2010.23	9702.72	7181.23	-347.91	-1996.03	-89.84	600.79	252.44	2.38	PASS	
9825.00†	7182.34	250.34	-2110.20	9802.72	7180.77	-350.27	-2096.00	-89.85	600.78	261.33	2.30	PASS	
9925.00†	7181.76	247.97	-2210.17	9902.72	7180.30	-352.64	-2195.97	-89.86	600.78	270.24	2.23	PASS	
10025.00†	7181.19	245.60	-2310.14	10002.72	7179.84	-355.00	-2295.94	-89.87	600.77	279.17	2.15	PASS	
10125.00†	7180.62	243.23	-2410.11	10102.72	7179.37	-357.36	-2395.91	-89.88	600.76	288.13	2.09	PASS	
10225.00†	7180.05	240.86	-2510.08	10202.72	7178.90	-359.72	-2495.88	-89.89	600.75	297.10	2.02	PASS	
10325.00†	7179.47	238.49	-2610.05	10302.72	7178.44	-362.08	-2595.85	-89.90	600.74	306.08	1.96	PASS	
10425.00†	7178.90	236.12	-2710.02	10402.72	7177.97	-364.45	-2695.82	-89.91	600.74	315.08	1.91	PASS	
10525.00†	7178.33	233.75	-2809.99	10502.72	7177.51	-366.81	-2795.80	-89.92	600.73	324.09	1.86	PASS	
10625.00†	7177.76	231.38	-2909.96	10602.72	7177.04	-369.17	-2895.77	-89.93	600.72	333.12	1.81	PASS	
10725.00†	7177.18	229.01	-3009.93	10702.72	7176.58	-371.53	-2995.74	-89.94	600.71	342.16	1.76	PASS	
10825.00†	7176.61	226.64	-3109.90	10802.72	7176.11	-373.89	-3095.71	-89.95	600.71	351.20	1.71	PASS	
10925.00†	7176.04	224.27	-3209.87	10902.72	7175.64	-376.26	-3195.68	-89.96	600.70	360.26	1.67	PASS	
11025.00†	7175.47	221.90	-3309.84	11002.72	7175.18	-378.62	-3295.65	-89.97	600.69	369.32	1.63	PASS	
11125.00†	7174.89	219.53	-3409.81	11102.72	7174.71	-380.98	-3395.62	-89.98	600.68	378.40	1.59	PASS	
11225.00†	7174.32	217.16	-3509.78	11202.72	7174.25	-383.34	-3495.59	-89.99	600.68	387.48	1.55	PASS	
11325.00†	7173.75	214.79	-3609.75	11302.72	7173.78	-385.71	-3595.56	-90.00	600.67	396.56	1.52	PASS	
11425.00†	7173.17	212.42	-3709.72	11402.72	7173.32	-388.07	-3695.53	-90.01	600.66	405.66	1.48	PASS	
11525.00†	7172.60	210.06	-3809.69	11502.72	7172.85	-390.43	-3795.50	-90.02	600.65	414.76	1.45	PASS	
11625.00†	7172.03	207.69	-3909.66	11602.72	7172.38	-392.79	-3895.48	-90.03	600.64	423.87	1.42	PASS	
11725.00†	7171.46	205.32	-4009.63	11702.72	7171.92	-395.15	-3995.45	-90.04	600.64	432.98	1.39	PASS	
11825.00†	7170.88	202.95	-4109.60	11802.72	7171.45	-397.52	-4095.42	-90.05	600.63	442.09	1.36	PASS	
11925.00†	7170.31	200.58	-4209.57	11902.72	7170.99	-399.88	-4195.39	-90.06	600.62	451.22	1.33	PASS	
12025.00†	7169.74	198.21	-4309.54	12002.72	7170.52	-402.24	-4295.36	-90.08	600.61	460.34	1.31	PASS	
12125.00†	7169.17	195.84	-4409.51	12102.72	7170.05	-404.60	-4395.33	-90.09	600.61	469.47	1.28	PASS	
12225.00†	7168.59	193.47	-4509.48	12202.72	7169.59	-406.96	-4495.30	-90.10	600.60	478.61	1.26	PASS	
12325.00†	7168.02	191.10	-4609.45	12302.72	7169.12	-409.33	-4595.27	-90.11	600.59	487.75	1.23	PASS	
12425.00†	7167.45	188.73	-4709.42	12402.72	7168.66	-411.69	-4695.24	-90.12	600.59	496.89	1.21	PASS	
12525.00†	7166.88	186.36	-4809.39	12502.72	7168.19	-414.05	-4795.21	-90.13	600.58	506.03	1.19	PASS	
12625.00†	7166.30	183.99	-4909.37	12602.72	7167.73	-416.41	-4895.19	-90.14	600.57	515.18	1.17	PASS	
12725.00†	7165.73	181.62	-5009.34	12702.72	7167.26	-418.78	-4995.16	-90.15	600.56	524.33	1.15	PASS	
12825.00†	7165.16	179.25	-5109.31	12802.71	7166.79	-421.14	-5095.13	-90.16	600.56	533.49	1.13	PASS	
12925.00†	7164.59	176.88	-5209.28	12902.71	7166.33	-423.50	-5195.10	-90.17	600.55	542.64	1.11	PASS	
13025.00†	7164.01	174.51	-5309.25	13002.71	7165.86	-425.86	-5295.07	-90.18	600.54	551.80	1.09	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
13125.00†	7163.44	172.14	-5409.22	13102.71	7165.40	-428.22	-5395.04	-90.19	600.53	560.96	1.07	PASS	
13225.00†	7162.87	169.77	-5509.19	13202.71	7164.93	-430.59	-5495.01	-90.20	600.53	570.13	1.05	PASS	
13325.00†	7162.30	167.40	-5609.16	13302.71	7164.47	-432.95	-5594.98	-90.21	600.52	579.29	1.04	PASS	
13425.00†	7161.72	165.03	-5709.13	13402.71	7164.00	-435.31	-5694.95	-90.22	600.51	588.46	1.02	PASS	
13525.00†	7161.15	162.66	-5809.10	13502.71	7163.53	-437.67	-5794.92	-90.23	600.51	597.63	1.00	PASS	
13625.00†	7160.58	160.29	-5909.07	13602.71	7163.07	-440.03	-5894.89	-90.24	600.50	606.80	0.99	FAIL	
13725.00†	7160.00	157.92	-6009.04	13702.71	7162.60	-442.40	-5994.87	-90.25	600.49	615.98	0.97	FAIL	
13825.00†	7159.43	155.55	-6109.01	13802.71	7162.14	-444.76	-6094.84	-90.26	600.48	625.15	0.96	FAIL	
13925.00†	7158.86	153.18	-6208.98	13902.71	7161.67	-447.12	-6194.81	-90.27	600.48	634.33	0.95	FAIL	
14025.00†	7158.29	150.81	-6308.95	14002.71	7161.21	-449.48	-6294.78	-90.28	600.47	643.51	0.93	FAIL	
14125.00†	7157.71	148.44	-6408.92	14102.71	7160.74	-451.85	-6394.75	-90.29	600.46	652.69	0.92	FAIL	
14225.00†	7157.14	146.07	-6508.89	14202.71	7160.27	-454.21	-6494.72	-90.30	600.46	661.87	0.91	FAIL	
14325.00†	7156.57	143.70	-6608.86	14302.71	7159.81	-456.57	-6594.69	-90.31	600.45	671.06	0.89	FAIL	
14425.00†	7156.00	141.33	-6708.83	14402.71	7159.34	-458.93	-6694.66	-90.32	600.44	680.24	0.88	FAIL	
14525.00†	7155.42	138.96	-6808.80	14502.71	7158.88	-461.29	-6794.63	-90.33	600.43	689.43	0.87	FAIL	
14625.00†	7154.85	136.59	-6908.77	14602.71	7158.41	-463.66	-6894.60	-90.34	600.43	698.62	0.86	FAIL	
14725.00†	7154.28	134.22	-7008.74	14702.71	7157.95	-466.02	-6994.58	-90.35	600.42	707.80	0.85	FAIL	
14825.00†	7153.71	131.85	-7108.71	14802.71	7157.48	-468.38	-7094.55	-90.36	600.41	716.99	0.84	FAIL	
14925.00†	7153.13	129.49	-7208.68	14902.71	7157.01	-470.74	-7194.52	-90.37	600.41	726.18	0.83	FAIL	
15025.00†	7152.56	127.12	-7308.65	15002.71	7156.55	-473.10	-7294.49	-90.38	600.40	735.38	0.82	FAIL	
15125.00†	7151.99	124.75	-7408.62	15102.71	7156.08	-475.47	-7394.46	-90.39	600.39	744.57	0.81	FAIL	
15225.00†	7151.42	122.38	-7508.59	15202.71	7155.62	-477.83	-7494.43	-90.40	600.39	753.76	0.80	FAIL	
15325.00†	7150.84	120.01	-7608.56	15302.71	7155.15	-480.19	-7594.40	-90.41	600.38	762.96	0.79	FAIL	
15425.00†	7150.27	117.64	-7708.53	15402.71	7154.69	-482.55	-7694.37	-90.42	600.37	772.15	0.78	FAIL	
15525.00†	7149.70	115.27	-7808.50	15502.71	7154.22	-484.91	-7794.34	-90.43	600.37	781.35	0.77	FAIL	
15625.00†	7149.13	112.90	-7908.47	15602.71	7153.75	-487.28	-7894.31	-90.44	600.36	790.55	0.76	FAIL	
15725.00†	7148.55	110.53	-8008.44	15702.71	7153.29	-489.64	-7994.28	-90.45	600.36	799.75	0.75	FAIL	
15825.00†	7147.98	108.16	-8108.41	15802.71	7152.82	-492.00	-8094.26	-90.46	600.35	808.94	0.74	FAIL	
15925.00†	7147.41	105.79	-8208.38	15902.71	7152.36	-494.36	-8194.23	-90.47	600.34	818.14	0.73	FAIL	
16025.00†	7146.84	103.42	-8308.35	16002.71	7151.89	-496.73	-8294.20	-90.48	600.33	827.34	0.73	FAIL	
16125.00†	7146.26	101.05	-8408.32	16102.71	7151.42	-499.09	-8394.17	-90.49	600.33	836.55	0.72	FAIL	
16225.00†	7145.69	98.68	-8508.30	16202.71	7150.96	-501.45	-8494.14	-90.50	600.32	845.75	0.71	FAIL	
16325.00†	7145.12	96.31	-8608.27	16302.71	7150.49	-503.81	-8594.11	-90.51	600.31	854.95	0.70	FAIL	
16425.00†	7144.54	93.94	-8708.24	16402.71	7150.03	-506.17	-8694.08	-90.52	600.31	864.15	0.69	FAIL	
16525.00†	7143.97	91.57	-8808.21	16502.71	7149.56	-508.54	-8794.05	-90.53	600.30	873.36	0.69	FAIL	
16625.00†	7143.40	89.20	-8908.18	16602.71	7149.10	-510.90	-8894.02	-90.54	600.29	882.56	0.68	FAIL	
16725.00†	7142.83	86.83	-9008.15	16702.71	7148.63	-513.26	-8993.99	-90.55	600.29	891.76	0.67	FAIL	
16825.00†	7142.25	84.46	-9108.12	16802.71	7148.16	-515.62	-9093.97	-90.56	600.28	900.97	0.67	FAIL	
16925.00†	7141.68	82.09	-9208.09	16902.71	7147.70	-517.98	-9193.94	-90.57	600.27	910.18	0.66	FAIL	
17025.00†	7141.11	79.72	-9308.06	17002.71	7147.23	-520.35	-9293.91	-90.59	600.27	919.38	0.65	FAIL	
17125.00†	7140.54	77.35	-9408.03	17102.71	7146.77	-522.71	-9393.88	-90.60	600.26	928.59	0.65	FAIL	
17225.00†	7139.96	74.98	-9508.00	17202.71	7146.30	-525.07	-9493.85	-90.61	600.25	937.80	0.64	FAIL	
17325.00†	7139.39	72.61	-9607.97	17302.71	7145.84	-527.43	-9593.82	-90.62	600.25	947.00	0.63	FAIL	
17425.00†	7138.82	70.24	-9707.94	17402.71	7145.37	-529.80	-9693.79	-90.63	600.24	956.21	0.63	FAIL	
17525.00†	7138.25	67.87	-9807.91	17502.71	7144.90	-532.16	-9793.76	-90.64	600.23	965.42	0.62	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
17625.00†	7137.67	65.50	-9907.88	17602.71	7144.44	-534.52	-9893.73	-90.65	600.23	974.63	0.62	FAIL	
17725.00†	7137.10	63.13	-10007.85	17702.71	7143.97	-536.88	-9993.70	-90.66	600.22	983.84	0.61	FAIL	
17825.00†	7136.53	60.76	-10107.82	17802.71	7143.51	-539.24	-10093.67	-90.67	600.22	993.05	0.60	FAIL	
17917.24†	7136.00	58.58	-10200.03	17894.95	7143.08	-541.42	-10185.89	-90.68	600.21	1001.54	0.60	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	-36.42	-0.34	-49.09	46.71
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1740.37	-36.42	-0.34	-49.09	46.71
8.5in Open Hole	1750.00	17911.58	16161.58	1740.37	N/A	-49.09	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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	441.60	-7497.81	-86.63	7510.80	25.57	305.26	PASS	
125.00†	125.00	0.00	0.00	104.00	125.00	441.60	-7497.81	-86.63	7510.80	25.57	305.22	PASS	
200.00	200.00	0.00	0.00	179.00	200.00	441.60	-7497.81	-86.63	7510.80	25.57	305.16	PASS	
225.00†	225.00	0.04	0.10	204.00	225.00	441.60	-7497.81	-155.40	7510.90	25.57	305.14	PASS	
325.00†	324.96	0.99	2.54	303.96	324.96	441.60	-7497.81	-155.39	7513.28	25.60	304.93	PASS	
425.00†	424.77	3.20	8.23	403.77	424.77	441.60	-7497.81	-155.36	7518.83	25.67	304.32	PASS	
525.00†	524.30	6.67	17.17	503.30	524.30	441.60	-7497.81	-155.32	7527.55	25.74	303.79	PASS	
569.36	568.34	8.61	22.16	547.34	568.34	441.60	-7497.81	-155.30	7532.43	25.77	303.67	PASS	
625.00†	623.52	11.20	28.83	602.52	623.52	441.60	-7497.81	-155.32	7538.94	25.78	303.72	PASS	
725.00†	722.69	15.86	40.82	701.69	722.69	441.60	-7497.81	-155.36	7550.64	25.81	303.80	PASS	
825.00†	821.86	20.51	52.80	800.86	821.86	441.60	-7497.81	-155.40	7562.34	25.85	303.82	PASS	
925.00†	921.03	25.17	64.79	900.03	921.03	441.60	-7497.81	-155.44	7574.05	25.89	303.77	PASS	
1025.00†	1020.20	29.82	76.77	999.20	1020.20	441.60	-7497.81	-155.48	7585.77	25.94	303.65	PASS	
1125.00†	1119.37	34.48	88.76	1098.37	1119.37	441.60	-7497.81	-155.52	7597.48	26.00	303.46	PASS	
1225.00†	1218.54	39.13	100.74	1197.54	1218.54	441.60	-7497.81	-155.56	7609.20	26.06	303.21	PASS	
1325.00†	1317.71	43.79	112.73	1296.71	1317.71	441.60	-7497.81	-155.60	7620.93	26.12	302.90	PASS	
1425.00†	1416.88	48.44	124.71	1395.88	1416.88	441.60	-7497.81	-155.64	7632.65	26.19	302.52	PASS	
1525.00†	1516.05	53.10	136.70	1495.05	1516.05	441.60	-7497.81	-155.68	7644.38	26.27	302.08	PASS	
1625.00†	1615.22	57.75	148.68	1594.22	1615.22	441.60	-7497.81	-155.72	7656.12	26.35	301.58	PASS	
1725.00†	1714.39	62.41	160.67	1693.39	1714.39	441.60	-7497.81	-155.76	7667.86	26.43	301.02	PASS	
1825.00†	1813.56	67.06	172.65	1792.56	1813.56	441.60	-7497.81	-155.80	7679.60	26.23	300.93	PASS	
1925.00†	1912.73	71.72	184.64	1891.73	1912.73	441.60	-7497.81	-155.84	7691.35	26.24	301.24	PASS	
2025.00†	2011.90	76.37	196.62	1990.90	2011.90	441.60	-7497.81	-155.88	7703.09	26.26	301.42	PASS	
2125.00†	2111.07	81.03	208.61	2090.07	2111.07	441.60	-7497.81	-155.92	7714.85	26.30	301.47	PASS	
2225.00†	2210.24	85.69	220.59	2189.24	2210.24	441.60	-7497.81	-155.96	7726.60	26.34	301.38	PASS	
2325.00†	2309.41	90.34	232.58	2288.41	2309.41	441.60	-7497.81	-155.99	7738.36	26.40	301.16	PASS	
2425.00†	2408.58	95.00	244.56	2387.58	2408.58	441.60	-7497.81	-156.03	7750.13	26.47	300.81	PASS	
2525.00†	2507.75	99.65	256.55	2486.75	2507.75	441.60	-7497.81	-156.07	7761.89	26.55	300.34	PASS	
2625.00†	2606.92	104.31	268.53	2585.92	2606.92	441.60	-7497.81	-156.11	7773.66	26.64	299.74	PASS	
2725.00†	2706.09	108.96	280.52	2685.09	2706.09	441.60	-7497.81	-156.15	7785.44	26.74	299.02	PASS	
2825.00†	2805.26	113.62	292.50	2784.26	2805.26	441.60	-7497.81	-156.19	7797.21	26.86	298.18	PASS	
2925.00†	2904.43	118.27	304.49	2883.43	2904.43	441.60	-7497.81	-156.22	7808.99	26.98	297.23	PASS	
3025.00†	3003.60	122.93	316.47	2982.60	3003.60	441.60	-7497.81	-156.26	7820.78	27.11	296.17	PASS	
3125.00†	3102.77	127.58	328.46	3081.77	3102.77	441.60	-7497.81	-156.30	7832.56	27.26	295.00	PASS	
3225.00†	3201.94	132.24	340.44	3180.94	3201.94	441.60	-7497.81	-156.34	7844.35	27.41	293.74	PASS	
3325.00†	3301.11	136.89	352.43	3280.11	3301.11	441.60	-7497.81	-156.38	7856.15	27.58	292.38	PASS	
3425.00†	3400.28	141.55	364.41	3379.28	3400.28	441.60	-7497.81	-156.41	7867.95	27.75	290.94	PASS	
3525.00†	3499.45	146.21	376.40	3478.45	3499.45	441.60	-7497.81	-156.45	7879.75	27.93	289.41	PASS	
3625.00†	3598.62	150.86	388.39	3577.62	3598.62	441.60	-7497.81	-156.49	7891.55	28.13	287.80	PASS	
3725.00†	3697.79	155.52	400.37	3676.79	3697.79	441.60	-7497.81	-156.52	7903.36	28.33	286.12	PASS	
3825.00†	3796.96	160.17	412.36	3775.96	3796.96	441.60	-7497.81	-156.56	7915.17	28.54	284.37	PASS	
3925.00†	3896.13	164.83	424.34	3875.13	3896.13	441.60	-7497.81	-156.60	7926.98	28.76	282.56	PASS	
4025.00†	3995.30	169.48	436.33	3974.30	3995.30	441.60	-7497.81	-156.64	7938.80	28.99	280.69	PASS	
4125.00†	4094.47	174.14	448.31	4073.47	4094.47	441.60	-7497.81	-156.67	7950.62	29.23	278.78	PASS	
4225.00†	4193.64	178.79	460.30	4172.64	4193.64	441.60	-7497.81	-156.71	7962.44	29.47	276.81	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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, CDDL) 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†	4292.81	183.45	472.28	4271.81	4292.81	441.60	-7497.81	-156.74	7974.27	29.72	274.80	PASS	
4425.00†	4391.98	188.10	484.27	4370.98	4391.98	441.60	-7497.81	-156.78	7986.10	29.99	272.75	PASS	
4525.00†	4491.15	192.76	496.25	4470.15	4491.15	441.60	-7497.81	-156.82	7997.93	30.25	270.67	PASS	
4625.00†	4590.32	197.41	508.24	4569.32	4590.32	441.60	-7497.81	-156.85	8009.77	30.53	268.56	PASS	
4725.00†	4689.49	202.07	520.22	4668.49	4689.49	441.60	-7497.81	-156.89	8021.60	30.81	266.43	PASS	
4825.00†	4788.66	206.73	532.21	4767.66	4788.66	441.60	-7497.81	-156.93	8033.45	47.76	170.72	PASS	
4925.00†	4887.83	211.38	544.19	4866.83	4887.83	441.60	-7497.81	-156.96	8045.29	56.41	144.42	PASS	
5025.00†	4987.00	216.04	556.18	4966.00	4987.00	441.60	-7497.81	-157.00	8057.14	57.80	141.12	PASS	
5125.00†	5086.17	220.69	568.16	5065.17	5086.17	441.60	-7497.81	-157.03	8068.99	59.86	136.39	PASS	
5225.00†	5185.33	225.35	580.15	5164.33	5185.33	441.60	-7497.81	-157.07	8080.85	62.50	130.77	PASS	
5325.00†	5284.50	230.00	592.13	5263.50	5284.50	441.60	-7497.81	-157.10	8092.70	65.58	124.74	PASS	
5425.00†	5383.67	234.66	604.12	5362.67	5383.67	441.60	-7497.81	-157.14	8104.57	69.01	118.65	PASS	
5525.00†	5482.84	239.31	616.10	5461.84	5482.84	441.60	-7497.81	-157.17	8116.43	72.71	112.72	PASS	
5625.00†	5582.01	243.97	628.09	5561.01	5582.01	441.60	-7497.81	-157.21	8128.30	76.61	107.08	PASS	
5725.00†	5681.18	248.62	640.07	5660.18	5681.18	441.60	-7497.81	-157.24	8140.17	80.68	101.78	PASS	
5825.00†	5780.35	253.28	652.06	5759.35	5780.35	441.60	-7497.81	-157.28	8152.04	84.86	96.86	PASS	
5925.00†	5879.52	257.93	664.04	5858.52	5879.52	441.60	-7497.81	-157.31	8163.91	89.15	92.30	PASS	
6025.00†	5978.69	262.59	676.03	5957.69	5978.69	441.60	-7497.81	-157.35	8175.79	93.52	88.08	PASS	
6125.00†	6077.86	267.25	688.01	6056.86	6077.86	441.60	-7497.81	-157.38	8187.68	97.96	84.19	PASS	
6225.00†	6177.03	271.90	700.00	6156.03	6177.03	441.60	-7497.81	-157.42	8199.56	102.45	80.59	PASS	
6325.00†	6276.20	276.56	711.98	6255.20	6276.20	441.60	-7497.81	-157.45	8211.45	106.98	77.26	PASS	
6425.00†	6375.37	281.21	723.97	6354.37	6375.37	441.60	-7497.81	-157.49	8223.34	111.55	74.18	PASS	
6525.00†	6474.54	285.87	735.95	6453.54	6474.54	441.60	-7497.81	-157.52	8235.23	116.16	71.33	PASS	
6532.63	6482.11	286.22	736.87	6461.11	6482.11	441.60	-7497.81	-157.52	8236.14	116.51	71.12	PASS	
6625.00†	6574.20	290.39	741.26	6553.20	6574.20	441.60	-7497.81	-157.56	8240.45	120.80	68.61	PASS	
6725.00†	6673.48	294.52	730.94	6652.48	6673.48	441.60	-7497.81	-11.36	8230.07	125.66	65.86	PASS	
6825.00†	6769.94	298.18	705.22	6748.94	6769.94	441.60	-7497.81	-5.09	8204.28	130.95	62.99	PASS	
6925.00†	6861.20	301.25	664.71	6840.20	6861.20	441.60	-7497.81	-2.66	8163.72	135.83	60.41	PASS	
7025.00†	6945.03	303.68	610.42	6924.03	6945.03	441.60	-7497.81	-1.24	8109.40	140.24	58.11	PASS	
7125.00†	7019.34	305.39	543.69	6998.34	7019.34	441.60	-7497.81	-0.13	8042.65	144.07	56.10	PASS	
7225.00†	7082.33	306.35	466.16	7061.33	7082.33	441.60	-7497.81	1.01	7965.11	147.24	54.35	PASS	
7325.00†	7132.43	306.53	379.73	7111.43	7132.43	441.60	-7497.81	2.58	7878.69	149.71	52.87	PASS	
7425.00†	7168.40	305.93	286.54	7147.40	7168.40	441.60	-7497.81	5.54	7785.53	151.43	51.65	PASS	
7525.00†	7189.38	304.57	188.88	7168.38	7189.38	441.60	-7497.81	14.93	7687.91	152.41	50.67	PASS	
7613.44	7195.00	302.75	100.71	7174.00	7195.00	441.60	-7497.81	97.76	7599.78	152.67	50.01	PASS	
7625.00†	7194.93	302.47	89.15	7173.93	7194.93	441.60	-7497.81	97.75	7588.23	152.67	49.93	PASS	
7725.00†	7194.36	300.10	-10.82	7173.36	7194.36	441.60	-7497.81	97.65	7488.32	152.65	49.28	PASS	
7825.00†	7193.79	297.73	-110.79	7172.79	7193.79	441.60	-7497.81	97.55	7388.42	152.63	48.63	PASS	
7925.00†	7193.22	295.36	-210.76	7172.22	7193.22	441.60	-7497.81	97.45	7288.51	152.61	47.98	PASS	
8025.00†	7192.64	292.99	-310.73	7171.64	7192.64	441.60	-7497.81	97.35	7188.61	152.60	47.32	PASS	
8125.00†	7192.07	290.63	-410.70	7171.07	7192.07	441.60	-7497.81	97.25	7088.71	152.59	46.67	PASS	
8225.00†	7191.50	288.26	-510.67	7170.50	7191.50	441.60	-7497.81	97.15	6988.82	152.59	46.01	PASS	
8325.00†	7190.93	285.89	-610.64	7169.93	7190.93	441.60	-7497.81	97.04	6888.92	152.58	45.35	PASS	
8425.00†	7190.35	283.52	-710.61	7169.35	7190.35	441.60	-7497.81	96.94	6789.03	152.58	44.70	PASS	
8525.00†	7189.78	281.15	-810.58	7168.78	7189.78	441.60	-7497.81	96.84	6689.15	152.58	44.04	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	7168.21	7189.21	441.60	-7497.81	96.74		6589.27	152.59	43.38	PASS	
8725.00†	7188.64	276.41	-1010.52	7167.64	7188.64	441.60	-7497.81	96.64		6489.39	152.60	42.72	PASS	
8825.00†	7188.06	274.04	-1110.49	7167.06	7188.06	441.60	-7497.81	96.54		6389.51	152.62	42.06	PASS	
8925.00†	7187.49	271.67	-1210.46	7166.49	7187.49	441.60	-7497.81	96.44		6289.64	152.63	41.39	PASS	
9025.00†	7186.92	269.30	-1310.44	7165.92	7186.92	441.60	-7497.81	96.33		6189.77	152.66	40.73	PASS	
9125.00†	7186.34	266.93	-1410.41	7165.34	7186.34	441.60	-7497.81	96.23		6089.91	152.68	40.07	PASS	
9225.00†	7185.77	264.56	-1510.38	7164.77	7185.77	441.60	-7497.81	96.13		5990.05	152.71	39.40	PASS	
9325.00†	7185.20	262.19	-1610.35	7164.20	7185.20	441.60	-7497.81	96.03		5890.19	152.75	38.74	PASS	
9425.00†	7184.63	259.82	-1710.32	7163.63	7184.63	441.60	-7497.81	95.93		5790.35	152.79	38.07	PASS	
9525.00†	7184.05	257.45	-1810.29	7163.05	7184.05	441.60	-7497.81	95.83		5690.50	152.84	37.40	PASS	
9625.00†	7183.48	255.08	-1910.26	7162.48	7183.48	441.60	-7497.81	95.72		5590.66	152.90	36.73	PASS	
9725.00†	7182.91	252.71	-2010.23	7161.91	7182.91	441.60	-7497.81	95.62		5490.83	152.96	36.06	PASS	
9825.00†	7182.34	250.34	-2110.20	7161.34	7182.34	441.60	-7497.81	95.52		5391.00	153.03	35.39	PASS	
9925.00†	7181.76	247.97	-2210.17	7160.76	7181.76	441.60	-7497.81	95.42		5291.18	153.10	34.72	PASS	
10025.00†	7181.19	245.60	-2310.14	7160.19	7181.19	441.60	-7497.81	95.32		5191.37	153.18	34.04	PASS	
10125.00†	7180.62	243.23	-2410.11	7159.62	7180.62	441.60	-7497.81	95.21		5091.56	153.28	33.37	PASS	
10225.00†	7180.05	240.86	-2510.08	7159.05	7180.05	441.60	-7497.81	95.11		4991.77	153.38	32.69	PASS	
10325.00†	7179.47	238.49	-2610.05	7158.47	7179.47	441.60	-7497.81	95.01		4891.98	153.49	32.01	PASS	
10425.00†	7178.90	236.12	-2710.02	7157.90	7178.90	441.60	-7497.81	94.91		4792.20	153.61	31.34	PASS	
10525.00†	7178.33	233.75	-2809.99	7157.33	7178.33	441.60	-7497.81	94.81		4692.42	153.75	30.66	PASS	
10625.00†	7177.76	231.38	-2909.96	7156.76	7177.76	441.60	-7497.81	94.70		4592.66	153.89	29.98	PASS	
10725.00†	7177.18	229.01	-3009.93	7156.18	7177.18	441.60	-7497.81	94.60		4492.91	154.06	29.29	PASS	
10825.00†	7176.61	226.64	-3109.90	7155.61	7176.61	441.60	-7497.81	94.50		4393.17	154.23	28.61	PASS	
10925.00†	7176.04	224.27	-3209.87	7155.04	7176.04	441.60	-7497.81	94.40		4293.44	154.43	27.93	PASS	
11025.00†	7175.47	221.90	-3309.84	7154.47	7175.47	441.60	-7497.81	94.29		4193.73	154.64	27.24	PASS	
11125.00†	7174.89	219.53	-3409.81	7153.89	7174.89	441.60	-7497.81	94.19		4094.02	154.87	26.55	PASS	
11225.00†	7174.32	217.16	-3509.78	7153.32	7174.32	441.60	-7497.81	94.09		3994.34	155.12	25.86	PASS	
11325.00†	7173.75	214.79	-3609.75	7152.75	7173.75	441.60	-7497.81	93.99		3894.67	155.40	25.17	PASS	
11425.00†	7173.17	212.42	-3709.72	7152.17	7173.17	441.60	-7497.81	93.89		3795.01	155.70	24.48	PASS	
11525.00†	7172.60	210.06	-3809.69	7151.60	7172.60	441.60	-7497.81	93.78		3695.38	156.04	23.79	PASS	
11625.00†	7172.03	207.69	-3909.66	7151.03	7172.03	441.60	-7497.81	93.68		3595.76	156.40	23.09	PASS	
11725.00†	7171.46	205.32	-4009.63	7150.46	7171.46	441.60	-7497.81	93.58		3496.17	156.80	22.39	PASS	
11825.00†	7170.88	202.95	-4109.60	7149.88	7170.88	441.60	-7497.81	93.48		3396.60	157.24	21.69	PASS	
11925.00†	7170.31	200.58	-4209.57	7149.31	7170.31	441.60	-7497.81	93.37		3297.06	157.73	20.99	PASS	
12025.00†	7169.74	198.21	-4309.54	7148.74	7169.74	441.60	-7497.81	93.27		3197.54	158.26	20.29	PASS	
12125.00†	7169.17	195.84	-4409.51	7148.17	7169.17	441.60	-7497.81	93.17		3098.06	158.85	19.59	PASS	
12225.00†	7168.59	193.47	-4509.48	7147.59	7168.59	441.60	-7497.81	93.07		2998.61	159.51	18.88	PASS	
12325.00†	7168.02	191.10	-4609.45	7147.02	7168.02	441.60	-7497.81	92.96		2899.20	160.23	18.17	PASS	
12425.00†	7167.45	188.73	-4709.42	7146.45	7167.45	441.60	-7497.81	92.86		2799.83	161.03	17.46	PASS	
12525.00†	7166.88	186.36	-4809.39	7145.88	7166.88	441.60	-7497.81	92.76		2700.50	161.92	16.75	PASS	
12625.00†	7166.30	183.99	-4909.37	7145.30	7166.30	441.60	-7497.81	92.65		2601.23	162.92	16.03	PASS	
12725.00†	7165.73	181.62	-5009.34	7144.73	7165.73	441.60	-7497.81	92.55		2502.02	164.02	15.32	PASS	
12825.00†	7165.16	179.25	-5109.31	7144.16	7165.16	441.60	-7497.81	92.45		2402.87	165.26	14.60	PASS	
12925.00†	7164.59	176.88	-5209.28	7143.59	7164.59	441.60	-7497.81	92.35		2303.79	166.65	13.88	PASS	
13025.00†	7164.01	174.51	-5309.25	7143.01	7164.01	441.60	-7497.81	92.24		2204.80	168.22	13.16	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
13125.00†	7163.44	172.14	-5409.22	7142.44	7163.44	441.60	-7497.81	92.14	2105.90	169.98	12.44	PASS	
13225.00†	7162.87	169.77	-5509.19	7141.87	7162.87	441.60	-7497.81	92.04	2007.11	171.98	11.71	PASS	
13325.00†	7162.30	167.40	-5609.16	7141.30	7162.30	441.60	-7497.81	91.94	1908.45	174.25	10.99	PASS	
13425.00†	7161.72	165.03	-5709.13	7140.72	7161.72	441.60	-7497.81	91.83	1809.94	176.83	10.27	PASS	
13525.00†	7161.15	162.66	-5809.10	7140.15	7161.15	441.60	-7497.81	91.73	1711.58	179.79	9.55	PASS	
13625.00†	7160.58	160.29	-5909.07	7139.58	7160.58	441.60	-7497.81	91.63	1613.45	183.20	8.84	PASS	
13725.00†	7160.00	157.92	-6009.04	7139.00	7160.00	441.60	-7497.81	91.52	1515.55	187.13	8.13	PASS	
13825.00†	7159.43	155.55	-6109.01	7138.43	7159.43	441.60	-7497.81	91.42	1417.95	191.71	7.42	PASS	
13925.00†	7158.86	153.18	-6208.98	7137.86	7158.86	441.60	-7497.81	91.32	1320.71	197.07	6.72	PASS	
14025.00†	7158.29	150.81	-6308.95	7137.29	7158.29	441.60	-7497.81	91.22	1223.90	203.39	6.04	PASS	
14125.00†	7157.71	148.44	-6408.92	7136.71	7157.71	441.60	-7497.81	91.11	1127.66	210.90	5.36	PASS	
14225.00†	7157.14	146.07	-6508.89	7136.14	7157.14	441.60	-7497.81	91.01	1032.13	219.91	4.71	PASS	
14325.00†	7156.57	143.70	-6608.86	7135.57	7156.57	441.60	-7497.81	90.91	937.53	230.84	4.07	PASS	
14425.00†	7156.00	141.33	-6708.83	7135.00	7156.00	441.60	-7497.81	90.80	844.18	244.24	3.46	PASS	
14525.00†	7155.42	138.96	-6808.80	7134.42	7155.42	441.60	-7497.81	90.70	752.54	260.88	2.89	PASS	
14625.00†	7154.85	136.59	-6908.77	7133.85	7154.85	441.60	-7497.81	90.60	663.32	281.80	2.36	PASS	
14725.00†	7154.28	134.22	-7008.74	7133.28	7154.28	441.60	-7497.81	90.50	577.64	308.32	1.88	PASS	
14825.00†	7153.71	131.85	-7108.71	7132.71	7153.71	441.60	-7497.81	90.39	497.33	341.91	1.46	PASS	
14925.00†	7153.13	129.49	-7208.68	7132.13	7153.13	441.60	-7497.81	90.29	425.45	383.36	1.11	PASS	
15025.00†	7152.56	127.12	-7308.65	7131.56	7152.56	441.60	-7497.81	90.19	366.99	430.01	0.85	FAIL	
15125.00†	7151.99	124.75	-7408.62	7130.99	7151.99	441.60	-7497.81	90.08	329.17	470.75	0.70	FAIL	
15206.21†	7151.52	122.82	-7489.81	7130.23	7151.23	441.60	-7497.81	89.95	318.88	486.05	0.66	FAIL	
15212.25†	7151.49	122.68	-7495.85	7130.49	7151.49	441.60	-7497.81	89.99	318.93	486.29	0.66	FAIL	
15225.00†	7151.42	122.38	-7508.59	7130.42	7151.42	441.60	-7497.81	89.98	319.40	486.34	0.66	FAIL	
15325.00†	7150.84	120.01	-7608.56	7129.84	7150.84	441.60	-7497.81	89.88	340.13	468.13	0.73	FAIL	
15425.00†	7150.27	117.64	-7708.53	7129.27	7150.27	441.60	-7497.81	89.78	386.47	429.72	0.90	FAIL	
15525.00†	7149.70	115.27	-7808.50	7128.70	7149.70	441.60	-7497.81	89.67	450.58	388.42	1.16	PASS	
15625.00†	7149.13	112.90	-7908.47	7128.13	7149.13	441.60	-7497.81	89.57	526.01	352.36	1.49	PASS	
15725.00†	7148.55	110.53	-8008.44	7127.55	7148.55	441.60	-7497.81	89.47	608.57	323.06	1.89	PASS	
15825.00†	7147.98	108.16	-8108.41	7126.98	7147.98	441.60	-7497.81	89.36	695.72	299.69	2.32	PASS	
15925.00†	7147.41	105.79	-8208.38	7126.41	7147.41	441.60	-7497.81	89.26	785.93	281.02	2.80	PASS	
16025.00†	7146.84	103.42	-8308.35	7125.84	7146.84	441.60	-7497.81	89.16	878.27	265.96	3.31	PASS	
16125.00†	7146.26	101.05	-8408.32	7125.26	7146.26	441.60	-7497.81	89.06	972.12	253.67	3.84	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

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

**Clearance Report**  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-141.53	-3076.31	-92.63	3079.56	50.17	62.56	PASS
125.00†	125.00	0.00	0.00	103.00	125.00	-141.53	-3076.31	-92.63	3079.56	50.40	62.27	PASS
200.00	200.00	0.00	0.00	178.00	200.00	-141.53	-3076.31	-92.63	3079.56	51.11	61.39	PASS
225.00†	225.00	0.04	0.10	203.00	225.00	-141.53	-3076.31	-161.41	3079.67	51.37	61.08	PASS
325.00†	324.96	0.99	2.54	302.96	324.96	-141.53	-3076.31	-161.41	3082.15	53.06	59.14	PASS
425.00†	424.77	3.20	8.23	402.77	424.77	-141.53	-3076.31	-161.41	3087.94	55.39	56.72	PASS
525.00†	524.30	6.67	17.17	502.30	524.30	-141.53	-3076.31	-161.40	3097.02	58.18	54.12	PASS
569.36	568.34	8.61	22.16	546.34	568.34	-141.53	-3076.31	-161.40	3102.11	59.56	52.92	PASS
625.00†	623.52	11.20	28.83	601.52	623.52	-141.53	-3076.31	-161.45	3108.90	61.28	51.53	PASS
725.00†	722.69	15.86	40.82	700.69	722.69	-141.53	-3076.31	-161.52	3121.10	64.64	49.00	PASS
825.00†	821.86	20.51	52.80	799.86	821.86	-141.53	-3076.31	-161.59	3133.31	68.22	46.57	PASS
925.00†	921.03	25.17	64.79	899.03	921.03	-141.53	-3076.31	-161.67	3145.52	71.96	44.29	PASS
1025.00†	1020.20	29.82	76.77	998.20	1020.20	-141.53	-3076.31	-161.74	3157.74	75.83	42.17	PASS
1125.00†	1119.37	34.48	88.76	1097.37	1119.37	-141.53	-3076.31	-161.81	3169.96	79.80	40.20	PASS
1225.00†	1218.54	39.13	100.74	1196.54	1218.54	-141.53	-3076.31	-161.89	3182.19	83.86	38.38	PASS
1325.00†	1317.71	43.79	112.73	1295.71	1317.71	-141.53	-3076.31	-161.96	3194.42	87.98	36.70	PASS
1425.00†	1416.88	48.44	124.71	1394.88	1416.88	-141.53	-3076.31	-162.03	3206.66	92.16	35.15	PASS
1525.00†	1516.05	53.10	136.70	1494.05	1516.05	-141.53	-3076.31	-162.10	3218.90	96.39	33.72	PASS
1625.00†	1615.22	57.75	148.68	1593.22	1615.22	-141.53	-3076.31	-162.17	3231.15	100.65	32.40	PASS
1725.00†	1714.39	62.41	160.67	1692.39	1714.39	-141.53	-3076.31	-162.24	3243.40	104.95	31.18	PASS
1825.00†	1813.56	67.06	172.65	1791.56	1813.56	-141.53	-3076.31	-162.31	3255.65	108.99	30.06	PASS
1925.00†	1912.73	71.72	184.64	1890.73	1912.73	-141.53	-3076.31	-162.38	3267.91	113.26	29.03	PASS
2025.00†	2011.90	76.37	196.62	1989.90	2011.90	-141.53	-3076.31	-162.44	3280.18	117.57	28.06	PASS
2125.00†	2111.07	81.03	208.61	2089.07	2111.07	-141.53	-3076.31	-162.51	3292.45	121.91	27.16	PASS
2225.00†	2210.24	85.69	220.59	2188.24	2210.24	-141.53	-3076.31	-162.58	3304.72	126.27	26.31	PASS
2325.00†	2309.41	90.34	232.58	2287.41	2309.41	-141.53	-3076.31	-162.65	3317.00	130.65	25.52	PASS
2425.00†	2408.58	95.00	244.56	2386.58	2408.58	-141.53	-3076.31	-162.71	3329.29	135.05	24.78	PASS
2525.00†	2507.75	99.65	256.55	2485.75	2507.75	-141.53	-3076.31	-162.78	3341.57	139.48	24.07	PASS
2625.00†	2606.92	104.31	268.53	2584.92	2606.92	-141.53	-3076.31	-162.84	3353.87	143.93	23.41	PASS
2725.00†	2706.09	108.96	280.52	2684.09	2706.09	-141.53	-3076.31	-162.91	3366.16	148.39	22.79	PASS
2825.00†	2805.26	113.62	292.50	2783.26	2805.26	-141.53	-3076.31	-162.97	3378.46	152.87	22.20	PASS
2925.00†	2904.43	118.27	304.49	2882.43	2904.43	-141.53	-3076.31	-163.03	3390.77	157.37	21.64	PASS
3025.00†	3003.60	122.93	316.47	2981.60	3003.60	-141.53	-3076.31	-163.10	3403.08	161.88	21.11	PASS
3125.00†	3102.77	127.58	328.46	3080.77	3102.77	-141.53	-3076.31	-163.16	3415.39	166.41	20.61	PASS
3225.00†	3201.94	132.24	340.44	3179.94	3201.94	-141.53	-3076.31	-163.22	3427.71	170.95	20.13	PASS
3325.00†	3301.11	136.89	352.43	3279.11	3301.11	-141.53	-3076.31	-163.28	3440.03	175.51	19.68	PASS
3425.00†	3400.28	141.55	364.41	3378.28	3400.28	-141.53	-3076.31	-163.35	3452.35	180.08	19.24	PASS
3525.00†	3499.45	146.21	376.40	3477.45	3499.45	-141.53	-3076.31	-163.41	3464.68	184.66	18.83	PASS
3625.00†	3598.62	150.86	388.39	3576.62	3598.62	-141.53	-3076.31	-163.47	3477.01	189.26	18.44	PASS
3725.00†	3697.79	155.52	400.37	3675.79	3697.79	-141.53	-3076.31	-163.53	3489.35	193.87	18.06	PASS
3825.00†	3796.96	160.17	412.36	3774.96	3796.96	-141.53	-3076.31	-163.59	3501.69	198.49	17.70	PASS
3925.00†	3896.13	164.83	424.34	3874.13	3896.13	-141.53	-3076.31	-163.65	3514.03	203.12	17.36	PASS
4025.00†	3995.30	169.48	436.33	3973.30	3995.30	-141.53	-3076.31	-163.70	3526.38	207.76	17.03	PASS
4125.00†	4094.47	174.14	448.31	4072.47	4094.47	-141.53	-3076.31	-163.76	3538.73	212.41	16.71	PASS
4225.00†	4193.64	178.79	460.30	4171.64	4193.64	-141.53	-3076.31	-163.82	3551.08	217.08	16.41	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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: SLOTH05 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†	4292.81	183.45	472.28	4270.81	4292.81	-141.53	-3076.31	-163.88	3563.44	221.75	16.12	PASS
4425.00†	4391.98	188.10	484.27	4369.98	4391.98	-141.53	-3076.31	-163.94	3575.80	226.43	15.84	PASS
4525.00†	4491.15	192.76	496.25	4469.15	4491.15	-141.53	-3076.31	-163.99	3588.17	231.12	15.57	PASS
4625.00†	4590.32	197.41	508.24	4568.32	4590.32	-141.53	-3076.31	-164.05	3600.53	235.82	15.31	PASS
4725.00†	4689.49	202.07	520.22	4667.49	4689.49	-141.53	-3076.31	-164.10	3612.91	240.53	15.06	PASS
4825.00†	4788.66	206.73	532.21	4766.66	4788.66	-141.53	-3076.31	-164.16	3625.28	245.25	14.82	PASS
4925.00†	4887.83	211.38	544.19	4865.83	4887.83	-141.53	-3076.31	-164.22	3637.66	249.97	14.59	PASS
5025.00†	4987.00	216.04	556.18	4965.00	4987.00	-141.53	-3076.31	-164.27	3650.04	254.71	14.37	PASS
5125.00†	5086.17	220.69	568.16	5064.17	5086.17	-141.53	-3076.31	-164.32	3662.43	259.45	14.15	PASS
5225.00†	5185.33	225.35	580.15	5163.33	5185.33	-141.53	-3076.31	-164.38	3674.82	264.19	13.94	PASS
5325.00†	5284.50	230.00	592.13	5262.50	5284.50	-141.53	-3076.31	-164.43	3687.21	268.95	13.74	PASS
5425.00†	5383.67	234.66	604.12	5361.67	5383.67	-141.53	-3076.31	-164.49	3699.60	273.71	13.55	PASS
5525.00†	5482.84	239.31	616.10	5460.84	5482.84	-141.53	-3076.31	-164.54	3712.00	278.48	13.36	PASS
5625.00†	5582.01	243.97	628.09	5560.01	5582.01	-141.53	-3076.31	-164.59	3724.40	283.25	13.18	PASS
5725.00†	5681.18	248.62	640.07	5659.18	5681.18	-141.53	-3076.31	-164.64	3736.80	288.03	13.00	PASS
5825.00†	5780.35	253.28	652.06	5758.35	5780.35	-141.53	-3076.31	-164.70	3749.21	292.82	12.83	PASS
5925.00†	5879.52	257.93	664.04	5857.52	5879.52	-141.53	-3076.31	-164.75	3761.62	297.61	12.67	PASS
6025.00†	5978.69	262.59	676.03	5956.69	5978.69	-141.53	-3076.31	-164.80	3774.04	302.41	12.51	PASS
6125.00†	6077.86	267.25	688.01	6055.86	6077.86	-141.53	-3076.31	-164.85	3786.45	307.21	12.35	PASS
6225.00†	6177.03	271.90	700.00	6155.03	6177.03	-141.53	-3076.31	-164.90	3798.87	312.02	12.20	PASS
6325.00†	6276.20	276.56	711.98	6254.20	6276.20	-141.53	-3076.31	-164.95	3811.29	316.83	12.05	PASS
6425.00†	6375.37	281.21	723.97	6353.37	6375.37	-141.53	-3076.31	-165.00	3823.72	321.65	11.91	PASS
6525.00†	6474.54	285.87	735.95	6452.54	6474.54	-141.53	-3076.31	-165.05	3836.14	326.47	11.77	PASS
6532.63	6482.11	286.22	736.87	6460.11	6482.11	-141.53	-3076.31	-165.05	3837.09	326.84	11.76	PASS
6625.00†	6574.20	290.39	741.26	6552.20	6574.20	-141.53	-3076.31	-66.66	3841.92	331.32	11.62	PASS
6725.00†	6673.48	294.52	730.94	6651.48	6673.48	-141.53	-3076.31	-19.03	3832.14	336.42	11.41	PASS
6825.00†	6769.94	298.18	705.22	6747.94	6769.94	-141.53	-3076.31	-13.17	3807.00	341.99	11.15	PASS
6925.00†	6861.20	301.25	664.71	6839.20	6861.20	-141.53	-3076.31	-11.42	3767.13	347.02	10.88	PASS
7025.00†	6945.03	303.68	610.42	6923.03	6945.03	-141.53	-3076.31	-11.09	3713.52	351.54	10.58	PASS
7125.00†	7019.34	305.39	543.69	6997.34	7019.34	-141.53	-3076.31	-11.67	3647.48	355.46	10.28	PASS
7225.00†	7082.33	306.35	466.16	7060.33	7082.33	-141.53	-3076.31	-13.23	3570.67	358.72	9.97	PASS
7325.00†	7132.43	306.53	379.73	7110.43	7132.43	-141.53	-3076.31	-16.41	3484.96	361.26	9.66	PASS
7425.00†	7168.40	305.93	286.54	7146.40	7168.40	-141.53	-3076.31	-23.21	3392.49	363.05	9.36	PASS
7525.00†	7189.38	304.57	188.88	7167.38	7189.38	-141.53	-3076.31	-41.84	3295.52	364.09	9.07	PASS
7613.44	7195.00	302.75	100.71	7173.00	7195.00	-141.53	-3076.31	-92.83	3207.93	364.39	8.82	PASS
7625.00†	7194.93	302.47	89.15	7172.93	7194.93	-141.53	-3076.31	-92.82	3196.45	364.40	8.79	PASS
7725.00†	7194.36	300.10	-10.82	7172.36	7194.36	-141.53	-3076.31	-92.73	3097.14	364.43	8.51	PASS
7825.00†	7193.79	297.73	-110.79	7171.79	7193.79	-141.53	-3076.31	-92.64	2997.87	364.48	8.24	PASS
7925.00†	7193.22	295.36	-210.76	7171.22	7193.22	-141.53	-3076.31	-92.56	2898.66	364.55	7.96	PASS
8025.00†	7192.64	292.99	-310.73	7170.64	7192.64	-141.53	-3076.31	-92.47	2799.51	364.64	7.69	PASS
8125.00†	7192.07	290.63	-410.70	7170.07	7192.07	-141.53	-3076.31	-92.38	2700.41	364.76	7.42	PASS
8225.00†	7191.50	288.26	-510.67	7169.50	7191.50	-141.53	-3076.31	-92.29	2601.39	364.90	7.14	PASS
8325.00†	7190.93	285.89	-610.64	7168.93	7190.93	-141.53	-3076.31	-92.20	2502.44	365.08	6.87	PASS
8425.00†	7190.35	283.52	-710.61	7168.35	7190.35	-141.53	-3076.31	-92.11	2403.58	365.31	6.59	PASS
8525.00†	7189.78	281.15	-810.58	7167.78	7189.78	-141.53	-3076.31	-92.02	2304.81	365.56	6.31	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	7167.21	7189.21	-141.53	-3076.31	-91.93	2206.16	365.90	6.04	PASS	
8725.00†	7188.64	276.41	-1010.52	7166.64	7188.64	-141.53	-3076.31	-91.85	2107.64	366.30	5.76	PASS	
8825.00†	7188.06	274.04	-1110.49	7166.06	7188.06	-141.53	-3076.31	-91.76	2009.26	366.78	5.49	PASS	
8925.00†	7187.49	271.67	-1210.46	7165.49	7187.49	-141.53	-3076.31	-91.67	1911.05	367.37	5.21	PASS	
9025.00†	7186.92	269.30	-1310.44	7164.92	7186.92	-141.53	-3076.31	-91.58	1813.03	368.08	4.93	PASS	
9125.00†	7186.34	266.93	-1410.41	7164.34	7186.34	-141.53	-3076.31	-91.49	1715.25	368.94	4.66	PASS	
9225.00†	7185.77	264.56	-1510.38	7163.77	7185.77	-141.53	-3076.31	-91.40	1617.73	369.98	4.38	PASS	
9325.00†	7185.20	262.19	-1610.35	7163.20	7185.20	-141.53	-3076.31	-91.31	1520.54	371.26	4.10	PASS	
9425.00†	7184.63	259.82	-1710.32	7162.63	7184.63	-141.53	-3076.31	-91.22	1423.73	372.83	3.82	PASS	
9525.00†	7184.05	257.45	-1810.29	7162.05	7184.05	-141.53	-3076.31	-91.13	1327.40	374.75	3.55	PASS	
9625.00†	7183.48	255.08	-1910.26	7161.48	7183.48	-141.53	-3076.31	-91.05	1231.66	377.13	3.27	PASS	
9725.00†	7182.91	252.71	-2010.23	7160.91	7182.91	-141.53	-3076.31	-90.96	1136.64	380.08	2.99	PASS	
9825.00†	7182.34	250.34	-2110.20	7160.34	7182.34	-141.53	-3076.31	-90.87	1042.56	383.76	2.72	PASS	
9925.00†	7181.76	247.97	-2210.17	7159.76	7181.76	-141.53	-3076.31	-90.78	949.69	388.39	2.45	PASS	
10025.00†	7181.19	245.60	-2310.14	7159.19	7181.19	-141.53	-3076.31	-90.69	858.42	394.23	2.18	PASS	
10125.00†	7180.62	243.23	-2410.11	7158.62	7180.62	-141.53	-3076.31	-90.60	769.33	401.65	1.92	PASS	
10225.00†	7180.05	240.86	-2510.08	7158.05	7180.05	-141.53	-3076.31	-90.51	683.26	411.09	1.66	PASS	
10325.00†	7179.47	238.49	-2610.05	7157.47	7179.47	-141.53	-3076.31	-90.42	601.51	423.08	1.42	PASS	
10425.00†	7178.90	236.12	-2710.02	7156.90	7178.90	-141.53	-3076.31	-90.33	526.11	438.07	1.20	PASS	
10525.00†	7178.33	233.75	-2809.99	7156.33	7178.33	-141.53	-3076.31	-90.25	460.18	455.99	1.01	PASS	
10625.00†	7177.76	231.38	-2909.96	7155.76	7177.76	-141.53	-3076.31	-90.16	408.33	475.24	0.86	FAIL	
10725.00†	7177.18	229.01	-3009.93	7155.18	7177.18	-141.53	-3076.31	-90.07	376.44	491.46	0.77	FAIL	
10800.11†	7176.75	227.23	-3085.01	7155.08	7177.08	-141.53	-3076.31	-90.05	368.86	497.95	0.74	FAIL	
10808.89†	7176.70	227.03	-3093.79	7154.70	7176.70	-141.53	-3076.31	-89.99	368.97	498.26	0.74	FAIL	
10825.00†	7176.61	226.64	-3109.90	7154.61	7176.61	-141.53	-3076.31	-89.98	369.70	498.62	0.74	FAIL	
10925.00†	7176.04	224.27	-3209.87	7154.04	7176.04	-141.53	-3076.31	-89.89	389.42	494.23	0.79	FAIL	
11025.00†	7175.47	221.90	-3309.84	7153.47	7175.47	-141.53	-3076.31	-89.80	431.99	481.93	0.90	FAIL	
11125.00†	7174.89	219.53	-3409.81	7152.89	7174.89	-141.53	-3076.31	-89.71	491.52	467.13	1.05	PASS	
11225.00†	7174.32	217.16	-3509.78	7152.32	7174.32	-141.53	-3076.31	-89.62	562.63	453.14	1.24	PASS	
11325.00†	7173.75	214.79	-3609.75	7151.75	7173.75	-141.53	-3076.31	-89.53	641.50	441.13	1.45	PASS	
11425.00†	7173.17	212.42	-3709.72	7151.17	7173.17	-141.53	-3076.31	-89.44	725.60	431.20	1.68	PASS	
11525.00†	7172.60	210.06	-3809.69	7150.60	7172.60	-141.53	-3076.31	-89.36	813.30	423.07	1.92	PASS	
11625.00†	7172.03	207.69	-3909.66	7150.03	7172.03	-141.53	-3076.31	-89.27	903.56	416.41	2.17	PASS	
11725.00†	7171.46	205.32	-4009.63	7149.46	7171.46	-141.53	-3076.31	-89.18	995.69	410.92	2.43	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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-A.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	-79.79	-0.56	-179.60	79.79	1.56	131.37	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	-79.79	-0.56	-179.60	79.79	1.88	85.86	PASS	
200.00	200.00	0.00	0.00	200.00	200.00	-79.79	-0.56	-179.60	79.79	2.29	59.20	PASS	
225.00†	225.00	0.04	0.10	224.70	224.70	-79.83	-0.46	-111.63	79.87	2.44	53.62	PASS	
325.00†	324.96	0.99	2.54	323.47	323.44	-80.95	1.83	-111.66	81.96	3.16	36.87	PASS	
425.00†	424.77	3.20	8.23	422.10	421.88	-83.57	7.17	-111.73	86.82	4.12	27.16	PASS	
525.00†	524.30	6.67	17.17	520.48	519.81	-87.65	15.53	-111.81	94.44	5.04	22.93	PASS	
569.36	568.34	8.61	22.16	564.01	563.04	-89.93	20.19	-111.84	98.70	5.43	21.90	PASS	
625.00†	623.52	11.20	28.83	618.97	617.50	-93.15	26.78	-111.79	104.55	5.87	21.11	PASS	
725.00†	722.69	15.86	40.82	718.41	716.02	-99.07	38.89	-111.63	115.14	6.67	19.99	PASS	
825.00†	821.86	20.51	52.80	817.84	814.54	-104.99	51.00	-111.49	125.73	7.53	19.00	PASS	
925.00†	921.03	25.17	64.79	917.28	913.06	-110.91	63.10	-111.37	136.32	8.42	18.16	PASS	
1025.00†	1020.20	29.82	76.77	1016.72	1011.58	-116.83	75.21	-111.27	146.91	9.33	17.45	PASS	
1125.00†	1119.37	34.48	88.76	1116.15	1110.10	-122.75	87.32	-111.18	157.50	10.25	16.86	PASS	
1225.00†	1218.54	39.13	100.74	1215.59	1208.62	-128.67	99.42	-111.11	168.10	11.17	16.38	PASS	
1325.00†	1317.71	43.79	112.73	1315.03	1307.14	-134.59	111.53	-111.04	178.69	12.13	15.91	PASS	
1425.00†	1416.88	48.44	124.71	1414.47	1405.66	-140.51	123.64	-110.98	189.28	13.08	15.54	PASS	
1525.00†	1516.05	53.10	136.70	1513.90	1504.18	-146.43	135.74	-110.93	199.88	14.04	15.22	PASS	
1625.00†	1615.22	57.75	148.68	1613.34	1602.69	-152.34	147.85	-110.88	210.47	14.99	14.93	PASS	
1725.00†	1714.39	62.41	160.67	1712.78	1701.21	-158.26	159.96	-110.84	221.07	15.96	14.68	PASS	
1825.00†	1813.56	67.06	172.65	1812.21	1799.73	-164.18	172.06	-110.80	231.66	16.23	14.88	PASS	
1925.00†	1912.73	71.72	184.64	1911.65	1898.25	-170.10	184.17	-110.77	242.25	16.34	15.45	PASS	
2025.00†	2011.90	76.37	196.62	2011.09	1996.77	-176.02	196.28	-110.73	252.85	16.50	15.96	PASS	
2125.00†	2111.07	81.03	208.61	2110.53	2095.29	-181.94	208.38	-110.70	263.44	16.74	16.39	PASS	
2225.00†	2210.24	85.69	220.59	2209.96	2193.81	-187.86	220.49	-110.67	274.04	17.04	16.73	PASS	
2325.00†	2309.41	90.34	232.58	2309.40	2292.33	-193.78	232.60	-110.65	284.63	17.41	17.00	PASS	
2425.00†	2408.58	95.00	244.56	2408.84	2390.85	-199.70	244.70	-110.63	295.23	17.85	17.19	PASS	
2525.00†	2507.75	99.65	256.55	2508.27	2489.37	-205.62	256.81	-110.60	305.82	18.34	17.31	PASS	
2625.00†	2606.92	104.31	268.53	2607.71	2587.89	-211.54	268.92	-110.58	316.42	18.88	17.38	PASS	
2725.00†	2706.09	108.96	280.52	2707.15	2686.41	-217.46	281.02	-110.56	327.01	19.47	17.39	PASS	
2825.00†	2805.26	113.62	292.50	2806.59	2784.93	-223.38	293.13	-110.55	337.61	20.10	17.37	PASS	
2925.00†	2904.43	118.27	304.49	2906.02	2883.45	-229.29	305.24	-110.53	348.20	20.78	17.31	PASS	
3025.00†	3003.60	122.93	316.47	3005.46	2981.97	-235.21	317.34	-110.51	358.80	21.49	17.23	PASS	
3125.00†	3102.77	127.58	328.46	3104.90	3080.49	-241.13	329.45	-110.50	369.39	22.23	17.13	PASS	
3225.00†	3201.94	132.24	340.44	3204.33	3179.01	-247.05	341.56	-110.48	379.99	23.00	17.01	PASS	
3325.00†	3301.11	136.89	352.43	3303.77	3277.53	-252.97	353.66	-110.47	390.58	23.80	16.88	PASS	
3425.00†	3400.28	141.55	364.41	3403.21	3376.05	-258.89	365.77	-110.46	401.18	24.62	16.75	PASS	
3525.00†	3499.45	146.21	376.40	3502.65	3474.57	-264.81	377.88	-110.44	411.77	25.47	16.60	PASS	
3625.00†	3598.62	150.86	388.39	3602.08	3573.09	-270.73	389.98	-110.43	422.36	26.33	16.46	PASS	
3725.00†	3697.79	155.52	400.37	3701.52	3671.61	-276.65	402.09	-110.42	432.96	27.21	16.31	PASS	
3825.00†	3796.96	160.17	412.36	3800.96	3770.13	-282.57	414.20	-110.41	443.55	28.10	16.17	PASS	
3925.00†	3896.13	164.83	424.34	3900.39	3868.65	-288.49	426.31	-110.40	454.15	29.01	16.02	PASS	
4025.00†	3995.30	169.48	436.33	3999.83	3967.17	-294.41	438.41	-110.39	464.74	29.93	15.88	PASS	
4125.00†	4094.47	174.14	448.31	4099.27	4065.69	-300.33	450.52	-110.38	475.34	30.87	15.74	PASS	
4225.00†	4193.64	178.79	460.30	4198.71	4164.21	-306.24	462.63	-110.37	485.93	31.81	15.60	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-A.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†	4292.81	183.45	472.28	4298.14	4262.73	-312.16	474.73	110.37	496.53	32.76	15.47	PASS	
4425.00†	4391.98	188.10	484.27	4397.58	4361.25	-318.08	486.84	110.36	507.13	33.72	15.34	PASS	
4525.00†	4491.15	192.76	496.25	4497.02	4459.77	-324.00	498.95	110.35	517.72	34.70	15.21	PASS	
4625.00†	4590.32	197.41	508.24	4596.45	4558.29	-329.92	511.05	110.34	528.32	35.67	15.09	PASS	
4725.00†	4689.49	202.07	520.22	4695.89	4656.81	-335.84	523.16	110.34	538.91	36.66	14.97	PASS	
4825.00†	4788.66	206.73	532.21	4795.33	4755.33	-341.76	535.27	110.33	549.51	37.65	14.86	PASS	
4925.00†	4887.83	211.38	544.19	4894.76	4853.84	-347.68	547.37	110.32	560.10	38.64	14.75	PASS	
5025.00†	4987.00	216.04	556.18	4994.20	4952.36	-353.60	559.48	110.32	570.70	39.65	14.64	PASS	
5125.00†	5086.17	220.69	568.16	5093.64	5050.88	-359.52	571.59	110.31	581.29	40.65	14.53	PASS	
5225.00†	5185.33	225.35	580.15	5193.08	5149.40	-365.44	583.69	110.31	591.89	41.66	14.43	PASS	
5325.00†	5284.50	230.00	592.13	5292.51	5247.92	-371.36	595.80	110.30	602.48	42.68	14.34	PASS	
5425.00†	5383.67	234.66	604.12	5391.95	5346.44	-377.28	607.91	110.29	613.08	43.70	14.24	PASS	
5525.00†	5482.84	239.31	616.10	5491.39	5444.96	-383.19	620.01	110.29	623.67	44.72	14.15	PASS	
5625.00†	5582.01	243.97	628.09	5590.82	5543.48	-389.11	632.12	110.28	634.27	45.75	14.07	PASS	
5725.00†	5681.18	248.62	640.07	5690.26	5642.00	-395.03	644.23	110.28	644.86	46.78	13.98	PASS	
5825.00†	5780.35	253.28	652.06	5789.70	5740.52	-400.95	656.33	110.27	655.46	47.81	13.90	PASS	
5925.00†	5879.52	257.93	664.04	5889.14	5839.04	-406.87	668.44	110.27	666.05	48.85	13.82	PASS	
6025.00†	5978.69	262.59	676.03	5988.57	5937.56	-412.79	680.55	110.27	676.65	49.89	13.74	PASS	
6125.00†	6077.86	267.25	688.01	6088.01	6036.08	-418.71	692.65	110.26	687.24	50.93	13.67	PASS	
6225.00†	6177.03	271.90	700.00	6187.45	6134.60	-424.63	704.76	110.26	697.84	51.97	13.60	PASS	
6325.00†	6276.20	276.56	711.98	6286.88	6233.12	-430.55	716.87	110.25	708.43	53.01	13.53	PASS	
6425.00†	6375.37	281.21	723.97	6386.32	6331.64	-436.47	728.97	110.25	719.03	54.06	13.46	PASS	
6525.00†	6474.54	285.87	735.95	6484.69	6429.29	-442.38	739.05	110.40	729.66	55.14	13.39	PASS	
6532.63	6482.11	286.22	736.87	6492.08	6436.65	-442.84	739.34	110.44	730.48	55.22	13.39	PASS	
6625.00†	6574.20	290.39	741.26	6580.91	6525.17	-448.50	736.07	-149.65	740.53	56.02	13.38	PASS	
6725.00†	6673.48	294.52	730.94	6675.99	6618.39	-454.78	718.96	-100.32	751.42	58.50	12.99	PASS	
6825.00†	6769.94	298.18	705.22	6770.10	6707.13	-461.11	688.52	-92.70	762.06	60.00	12.84	PASS	
6925.00†	6861.20	301.25	664.71	6863.42	6789.73	-467.34	645.72	-89.14	772.14	61.11	12.77	PASS	
7025.00†	6945.03	303.68	610.42	6956.13	6864.72	-473.36	591.68	-86.86	781.40	62.48	12.64	PASS	
7125.00†	7019.34	305.39	543.69	7048.40	6930.78	-479.06	527.63	-85.25	789.60	64.53	12.36	PASS	
7225.00†	7082.33	306.35	466.16	7140.38	6986.73	-484.34	454.92	-84.08	796.52	67.18	11.97	PASS	
7325.00†	7132.43	306.53	379.73	7232.23	7031.59	-489.08	375.00	-83.28	801.99	70.56	11.47	PASS	
7425.00†	7168.40	305.93	286.54	7324.07	7064.49	-493.21	289.44	-82.79	805.87	74.72	10.88	PASS	
7525.00†	7189.38	304.57	188.88	7416.04	7084.79	-496.64	199.89	-82.60	808.08	79.35	10.27	PASS	
7613.44	7195.00	302.75	100.71	7497.58	7091.85	-499.03	118.75	-82.67	808.59	83.70	9.73	PASS	
7625.00†	7194.93	302.47	89.15	7508.25	7092.00	-499.30	108.07	-82.69	808.57	84.27	9.67	PASS	
7725.00†	7194.36	300.10	-10.82	7607.63	7091.46	-501.64	8.73	-82.69	808.56	89.79	9.07	PASS	
7825.00†	7193.79	297.73	-110.79	7707.63	7090.87	-504.01	-91.24	-82.69	808.56	95.88	8.49	PASS	
7925.00†	7193.22	295.36	-210.76	7807.63	7090.27	-506.37	-191.21	-82.69	808.55	102.42	7.94	PASS	
8025.00†	7192.64	292.99	-310.73	7907.63	7089.68	-508.73	-291.18	-82.68	808.55	109.35	7.44	PASS	
8125.00†	7192.07	290.63	-410.70	8007.63	7089.09	-511.09	-391.15	-82.68	808.54	116.59	6.97	PASS	
8225.00†	7191.50	288.26	-510.67	8107.63	7088.50	-513.45	-491.12	-82.68	808.54	124.08	6.55	PASS	
8325.00†	7190.93	285.89	-610.64	8207.63	7087.91	-515.82	-591.09	-82.68	808.53	131.78	6.16	PASS	
8425.00†	7190.35	283.52	-710.61	8307.63	7087.31	-518.18	-691.06	-82.68	808.53	139.66	5.81	PASS	
8525.00†	7189.78	281.15	-810.58	8407.63	7086.72	-520.54	-791.03	-82.68	808.52	147.69	5.50	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-A.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†	7189.21	278.78	-910.55	8507.63	7086.13	-522.90	-891.00	-82.68	808.51	155.84	5.21	PASS	
8725.00†	7188.64	276.41	-1010.52	8607.63	7085.54	-525.26	-990.97	-82.67	808.51	164.10	4.94	PASS	
8825.00†	7188.06	274.04	-1110.49	8707.63	7084.95	-527.63	-1090.94	-82.67	808.50	172.45	4.70	PASS	
8925.00†	7187.49	271.67	-1210.46	8807.63	7084.36	-529.99	-1190.91	-82.67	808.50	180.88	4.48	PASS	
9025.00†	7186.92	269.30	-1310.44	8907.63	7083.76	-532.35	-1290.88	-82.67	808.49	189.38	4.28	PASS	
9125.00†	7186.34	266.93	-1410.41	9007.63	7083.17	-534.71	-1390.85	-82.67	808.49	197.94	4.10	PASS	
9225.00†	7185.77	264.56	-1510.38	9107.63	7082.58	-537.07	-1490.83	-82.67	808.48	206.55	3.92	PASS	
9325.00†	7185.20	262.19	-1610.35	9207.63	7081.99	-539.44	-1590.80	-82.67	808.48	215.20	3.77	PASS	
9425.00†	7184.63	259.82	-1710.32	9307.63	7081.40	-541.80	-1690.77	-82.66	808.47	223.89	3.62	PASS	
9525.00†	7184.05	257.45	-1810.29	9407.63	7080.80	-544.16	-1790.74	-82.66	808.47	232.62	3.48	PASS	
9625.00†	7183.48	255.08	-1910.26	9507.63	7080.21	-546.52	-1890.71	-82.66	808.46	241.39	3.36	PASS	
9725.00†	7182.91	252.71	-2010.23	9607.63	7079.62	-548.88	-1990.68	-82.66	808.46	250.18	3.24	PASS	
9825.00†	7182.34	250.34	-2110.20	9707.63	7079.03	-551.25	-2090.65	-82.66	808.45	258.99	3.13	PASS	
9925.00†	7181.76	247.97	-2210.17	9807.63	7078.44	-553.61	-2190.62	-82.66	808.45	267.83	3.02	PASS	
10025.00†	7181.19	245.60	-2310.14	9907.63	7077.84	-555.97	-2290.59	-82.66	808.44	276.69	2.93	PASS	
10125.00†	7180.62	243.23	-2410.11	10007.63	7077.25	-558.33	-2390.56	-82.65	808.44	285.57	2.84	PASS	
10225.00†	7180.05	240.86	-2510.08	10107.63	7076.66	-560.69	-2490.53	-82.65	808.43	294.46	2.75	PASS	
10325.00†	7179.47	238.49	-2610.05	10207.63	7076.07	-563.05	-2590.50	-82.65	808.43	303.37	2.67	PASS	
10425.00†	7178.90	236.12	-2710.02	10307.63	7075.48	-565.42	-2690.47	-82.65	808.42	312.30	2.59	PASS	
10525.00†	7178.33	233.75	-2809.99	10407.63	7074.89	-567.78	-2790.44	-82.65	808.41	321.23	2.52	PASS	
10625.00†	7177.76	231.38	-2909.96	10507.63	7074.29	-570.14	-2890.41	-82.65	808.41	330.18	2.45	PASS	
10725.00†	7177.18	229.01	-3009.93	10607.63	7073.70	-572.50	-2990.38	-82.65	808.40	339.14	2.39	PASS	
10825.00†	7176.61	226.64	-3109.90	10707.63	7073.11	-574.86	-3090.35	-82.64	808.40	348.12	2.32	PASS	
10925.00†	7176.04	224.27	-3209.87	10807.63	7072.52	-577.23	-3190.32	-82.64	808.39	357.10	2.27	PASS	
11025.00†	7175.47	221.90	-3309.84	10907.63	7071.93	-579.59	-3290.29	-82.64	808.39	366.09	2.21	PASS	
11125.00†	7174.89	219.53	-3409.81	11007.63	7071.33	-581.95	-3390.26	-82.64	808.38	375.08	2.16	PASS	
11225.00†	7174.32	217.16	-3509.78	11107.63	7070.74	-584.31	-3490.23	-82.64	808.38	384.09	2.11	PASS	
11325.00†	7173.75	214.79	-3609.75	11207.63	7070.15	-586.67	-3590.20	-82.64	808.37	393.10	2.06	PASS	
11425.00†	7173.17	212.42	-3709.72	11307.63	7069.56	-589.04	-3690.17	-82.64	808.37	402.12	2.01	PASS	
11525.00†	7172.60	210.06	-3809.69	11407.63	7068.97	-591.40	-3790.14	-82.63	808.36	411.14	1.97	PASS	
11625.00†	7172.03	207.69	-3909.66	11507.63	7068.38	-593.76	-3890.11	-82.63	808.36	420.17	1.93	PASS	
11725.00†	7171.46	205.32	-4009.63	11607.63	7067.78	-596.12	-3990.08	-82.63	808.35	429.21	1.88	PASS	
11825.00†	7170.88	202.95	-4109.60	11707.63	7067.19	-598.48	-4090.05	-82.63	808.35	438.25	1.85	PASS	
11925.00†	7170.31	200.58	-4209.57	11807.63	7066.60	-600.85	-4190.02	-82.63	808.34	447.29	1.81	PASS	
12025.00†	7169.74	198.21	-4309.54	11907.63	7066.01	-603.21	-4290.00	-82.63	808.34	456.34	1.77	PASS	
12125.00†	7169.17	195.84	-4409.51	12007.63	7065.42	-605.57	-4389.97	-82.63	808.33	465.39	1.74	PASS	
12225.00†	7168.59	193.47	-4509.48	12107.63	7064.82	-607.93	-4489.94	-82.62	808.32	474.45	1.70	PASS	
12325.00†	7168.02	191.10	-4609.45	12207.63	7064.23	-610.29	-4589.91	-82.62	808.32	483.51	1.67	PASS	
12425.00†	7167.45	188.73	-4709.42	12307.63	7063.64	-612.65	-4689.88	-82.62	808.31	492.58	1.64	PASS	
12525.00†	7166.88	186.36	-4809.39	12407.63	7063.05	-615.02	-4789.85	-82.62	808.31	501.64	1.61	PASS	
12625.00†	7166.30	183.99	-4909.37	12507.63	7062.46	-617.38	-4889.82	-82.62	808.30	510.72	1.58	PASS	
12725.00†	7165.73	181.62	-5009.34	12607.63	7061.87	-619.74	-4989.79	-82.62	808.30	519.79	1.56	PASS	
12825.00†	7165.16	179.25	-5109.31	12707.63	7061.27	-622.10	-5089.76	-82.62	808.29	528.87	1.53	PASS	
12925.00†	7164.59	176.88	-5209.28	12807.63	7060.68	-624.46	-5189.73	-82.61	808.29	537.94	1.50	PASS	
13025.00†	7164.01	174.51	-5309.25	12907.63	7060.09	-626.83	-5289.70	-82.61	808.28	547.03	1.48	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-A.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	
13125.00†	7163.44	172.14	-5409.22	13007.63	7059.50	-629.19	-5389.67	-82.61	808.28	556.11	1.45	PASS	
13225.00†	7162.87	169.77	-5509.19	13107.63	7058.91	-631.55	-5489.64	-82.61	808.27	565.20	1.43	PASS	
13325.00†	7162.30	167.40	-5609.16	13207.63	7058.31	-633.91	-5589.61	-82.61	808.27	574.28	1.41	PASS	
13425.00†	7161.72	165.03	-5709.13	13307.63	7057.72	-636.27	-5689.58	-82.61	808.26	583.37	1.39	PASS	
13525.00†	7161.15	162.66	-5809.10	13407.63	7057.13	-638.64	-5789.55	-82.61	808.26	592.47	1.36	PASS	
13625.00†	7160.58	160.29	-5909.07	13507.63	7056.54	-641.00	-5889.52	-82.60	808.25	601.56	1.34	PASS	
13725.00†	7160.00	157.92	-6009.04	13607.63	7055.95	-643.36	-5989.49	-82.60	808.25	610.66	1.32	PASS	
13825.00†	7159.43	155.55	-6109.01	13707.63	7055.36	-645.72	-6089.46	-82.60	808.24	619.76	1.30	PASS	
13925.00†	7158.86	153.18	-6208.98	13807.63	7054.76	-648.08	-6189.43	-82.60	808.24	628.85	1.29	PASS	
14025.00†	7158.29	150.81	-6308.95	13907.63	7054.17	-650.45	-6289.40	-82.60	808.23	637.96	1.27	PASS	
14125.00†	7157.71	148.44	-6408.92	14007.63	7053.58	-652.81	-6389.37	-82.60	808.23	647.06	1.25	PASS	
14225.00†	7157.14	146.07	-6508.89	14107.63	7052.99	-655.17	-6489.34	-82.60	808.22	656.16	1.23	PASS	
14325.00†	7156.57	143.70	-6608.86	14207.63	7052.40	-657.53	-6589.31	-82.59	808.21	665.27	1.22	PASS	
14425.00†	7156.00	141.33	-6708.83	14307.63	7051.80	-659.89	-6689.28	-82.59	808.21	674.37	1.20	PASS	
14525.00†	7155.42	138.96	-6808.80	14407.63	7051.21	-662.25	-6789.25	-82.59	808.20	683.48	1.18	PASS	
14625.00†	7154.85	136.59	-6908.77	14507.63	7050.62	-664.62	-6889.22	-82.59	808.20	692.59	1.17	PASS	
14725.00†	7154.28	134.22	-7008.74	14607.63	7050.03	-666.98	-6989.19	-82.59	808.19	701.70	1.15	PASS	
14825.00†	7153.71	131.85	-7108.71	14707.63	7049.44	-669.34	-7089.16	-82.59	808.19	710.81	1.14	PASS	
14925.00†	7153.13	129.49	-7208.68	14807.63	7048.84	-671.70	-7189.14	-82.59	808.18	719.92	1.12	PASS	
15025.00†	7152.56	127.12	-7308.65	14907.63	7048.25	-674.06	-7289.11	-82.58	808.18	729.04	1.11	PASS	
15125.00†	7151.99	124.75	-7408.62	15007.63	7047.66	-676.43	-7389.08	-82.58	808.17	738.15	1.09	PASS	
15225.00†	7151.42	122.38	-7508.59	15107.63	7047.07	-678.79	-7489.05	-82.58	808.17	747.26	1.08	PASS	
15325.00†	7150.84	120.01	-7608.56	15207.63	7046.48	-681.15	-7589.02	-82.58	808.16	756.38	1.07	PASS	
15425.00†	7150.27	117.64	-7708.53	15307.63	7045.89	-683.51	-7689.99	-82.58	808.16	765.50	1.06	PASS	
15525.00†	7149.70	115.27	-7808.50	15407.63	7045.29	-685.87	-7789.96	-82.58	808.15	774.61	1.04	PASS	
15625.00†	7149.13	112.90	-7908.47	15507.63	7044.70	-688.24	-7889.93	-82.58	808.15	783.73	1.03	PASS	
15725.00†	7148.55	110.53	-8008.44	15607.63	7044.11	-690.60	-7989.90	-82.57	808.14	792.85	1.02	PASS	
15825.00†	7147.98	108.16	-8108.41	15707.63	7043.52	-692.96	-8089.87	-82.57	808.14	801.97	1.01	PASS	
15925.00†	7147.41	105.79	-8208.38	15807.63	7042.93	-695.32	-8188.84	-82.57	808.13	811.09	1.00	FAIL	
16025.00†	7146.84	103.42	-8308.35	15907.63	7042.33	-697.68	-8288.81	-82.57	808.13	820.21	0.99	FAIL	
16125.00†	7146.26	101.05	-8408.32	16007.63	7041.74	-700.05	-8388.78	-82.57	808.12	829.34	0.97	FAIL	
16225.00†	7145.69	98.68	-8508.30	16107.63	7041.15	-702.41	-8488.75	-82.57	808.11	838.46	0.96	FAIL	
16325.00†	7145.12	96.31	-8608.27	16207.63	7040.56	-704.77	-8588.72	-82.57	808.11	847.58	0.95	FAIL	
16425.00†	7144.54	93.94	-8708.24	16307.63	7039.97	-707.13	-8688.69	-82.56	808.10	856.70	0.94	FAIL	
16525.00†	7143.97	91.57	-8808.21	16407.63	7039.38	-709.49	-8788.66	-82.56	808.10	865.83	0.93	FAIL	
16625.00†	7143.40	89.20	-8908.18	16507.63	7038.78	-711.85	-8888.63	-82.56	808.09	874.95	0.92	FAIL	
16725.00†	7142.83	86.83	-9008.15	16607.63	7038.19	-714.22	-8988.60	-82.56	808.09	884.08	0.91	FAIL	
16825.00†	7142.25	84.46	-9108.12	16707.63	7037.60	-716.58	-9088.57	-82.56	808.08	893.21	0.90	FAIL	
16925.00†	7141.68	82.09	-9208.09	16807.63	7037.01	-718.94	-9188.54	-82.56	808.08	902.33	0.90	FAIL	
17025.00†	7141.11	79.72	-9308.06	16907.63	7036.42	-721.30	-9288.51	-82.56	808.07	911.46	0.89	FAIL	
17125.00†	7140.54	77.35	-9408.03	17007.63	7035.82	-723.66	-9388.48	-82.55	808.07	920.59	0.88	FAIL	
17225.00†	7139.96	74.98	-9508.00	17107.63	7035.23	-726.03	-9488.45	-82.55	808.06	929.71	0.87	FAIL	
17325.00†	7139.39	72.61	-9607.97	17207.63	7034.64	-728.39	-9588.42	-82.55	808.06	938.84	0.86	FAIL	
17425.00†	7138.82	70.24	-9707.94	17307.63	7034.05	-730.75	-9688.39	-82.55	808.05	947.97	0.85	FAIL	
17525.00†	7138.25	67.87	-9807.91	17407.63	7033.46	-733.11	-9788.36	-82.55	808.05	957.10	0.84	FAIL	

C-C Clearance Distance Cutoff: 1000.00 ft



# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-A.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
17625.00†	7137.67	65.50	-9907.88	17507.63	7032.87	-735.47	-9888.33	-82.55	808.04	966.23	0.84	FAIL
17725.00†	7137.10	63.13	-10007.85	17607.63	7032.27	-737.84	-9988.30	-82.55	808.04	975.36	0.83	FAIL
17825.00†	7136.53	60.76	-10107.82	17707.63	7031.68	-740.20	-10088.28	-82.54	808.03	984.49	0.82	FAIL
17917.24†	7136.00	58.58	-10200.03	17799.87	7031.14	-742.38	-10180.48	-82.54	808.03	992.91	0.81	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-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 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-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	1738.09	-48.64	-0.34	-73.23	49.97
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1738.09	-48.64	-0.34	-73.23	49.97
8.5in Open Hole	1750.00	17822.81	16072.81	1738.09	7031.00	-73.23	49.97	-250.76	-3110.17

## SURVEY PROGRAM - Offset Wellbore: DONN 31N-20C-L PWB Offset Wellpath: DONN 31N-20C-L PWP (REV-A.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	17823.04	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-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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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: SLOTH20 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	-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	107.55	PASS	
200.00	200.00	0.00	0.00	200.00	200.00	-99.82	-0.83	-179.52	99.83	2.30	73.83	PASS	
225.00†	225.00	0.04	0.10	225.00	225.00	-99.82	-0.83	111.76	99.87	2.44	66.81	PASS	
325.00†	324.96	0.99	2.54	324.49	324.49	-99.88	-0.75	113.07	100.93	3.10	46.80	PASS	
425.00†	424.77	3.20	8.23	422.47	422.43	-101.33	1.30	114.86	104.79	3.99	34.28	PASS	
525.00†	524.30	6.67	17.17	520.26	520.05	-104.71	6.08	116.54	112.01	5.00	27.50	PASS	
569.36	568.34	8.61	22.16	563.55	563.18	-106.82	9.06	117.22	116.28	5.41	25.93	PASS	
625.00†	623.52	11.20	28.83	617.77	617.11	-109.99	13.54	117.88	122.32	5.88	24.71	PASS	
725.00†	722.69	15.86	40.82	714.98	713.53	-117.14	23.66	117.93	134.41	6.73	23.15	PASS	
825.00†	821.86	20.51	52.80	813.79	811.25	-125.63	35.66	117.25	147.52	7.54	22.30	PASS	
925.00†	921.03	25.17	64.79	912.91	909.26	-134.16	47.73	116.66	160.67	8.38	21.54	PASS	
1025.00†	1020.20	29.82	76.77	1012.03	1007.27	-142.69	59.79	116.16	173.83	9.26	20.85	PASS	
1125.00†	1119.37	34.48	88.76	1111.15	1105.28	-151.22	71.86	115.74	187.00	10.16	20.24	PASS	
1225.00†	1218.54	39.13	100.74	1210.27	1203.30	-159.75	83.92	115.37	200.18	11.09	19.67	PASS	
1325.00†	1317.71	43.79	112.73	1309.40	1301.31	-168.28	95.99	115.04	213.36	11.97	19.29	PASS	
1425.00†	1416.88	48.44	124.71	1408.52	1399.32	-176.81	108.05	114.75	226.55	12.94	18.84	PASS	
1525.00†	1516.05	53.10	136.70	1507.64	1497.33	-185.34	120.12	114.50	239.75	13.88	18.48	PASS	
1625.00†	1615.22	57.75	148.68	1606.76	1595.35	-193.88	132.18	114.27	252.95	14.83	18.17	PASS	
1725.00†	1714.39	62.41	160.67	1705.88	1693.36	-202.41	144.25	114.06	266.16	15.79	17.89	PASS	
1825.00†	1813.56	67.06	172.65	1805.00	1791.37	-210.94	156.31	113.87	279.36	16.07	18.14	PASS	
1925.00†	1912.73	71.72	184.64	1904.12	1889.38	-219.47	168.38	113.71	292.57	16.21	18.83	PASS	
2025.00†	2011.90	76.37	196.62	2003.24	1987.40	-228.00	180.44	113.55	305.79	16.37	19.48	PASS	
2125.00†	2111.07	81.03	208.61	2102.36	2085.41	-236.53	192.50	113.41	319.00	16.60	20.03	PASS	
2225.00†	2210.24	85.69	220.59	2201.48	2183.42	-245.06	204.57	113.28	332.22	16.90	20.47	PASS	
2325.00†	2309.41	90.34	232.58	2300.60	2281.43	-253.59	216.63	113.16	345.43	17.28	20.81	PASS	
2425.00†	2408.58	95.00	244.56	2399.72	2379.45	-262.12	228.70	113.04	358.65	17.71	21.05	PASS	
2525.00†	2507.75	99.65	256.55	2498.84	2477.46	-270.65	240.76	112.94	371.87	18.20	21.21	PASS	
2625.00†	2606.92	104.31	268.53	2597.96	2575.47	-279.18	252.83	112.84	385.10	18.75	21.31	PASS	
2725.00†	2706.09	108.96	280.52	2697.08	2673.48	-287.71	264.89	112.75	398.32	19.34	21.34	PASS	
2825.00†	2805.26	113.62	292.50	2796.20	2771.50	-296.24	276.96	112.67	411.54	19.98	21.31	PASS	
2925.00†	2904.43	118.27	304.49	2895.32	2869.51	-304.77	289.02	112.59	424.77	20.66	21.25	PASS	
3025.00†	3003.60	122.93	316.47	2994.44	2967.52	-313.30	301.09	112.51	437.99	21.38	21.16	PASS	
3125.00†	3102.77	127.58	328.46	3093.56	3065.53	-321.83	313.15	112.44	451.22	22.12	21.04	PASS	
3225.00†	3201.94	132.24	340.44	3192.68	3163.55	-330.37	325.22	112.38	464.44	22.90	20.90	PASS	
3325.00†	3301.11	136.89	352.43	3291.80	3261.56	-338.90	337.28	112.31	477.67	23.70	20.74	PASS	
3425.00†	3400.28	141.55	364.41	3390.92	3359.57	-347.43	349.34	112.25	490.90	24.53	20.58	PASS	
3525.00†	3499.45	146.21	376.40	3490.04	3457.58	-355.96	361.41	112.20	504.13	25.37	20.41	PASS	
3625.00†	3598.62	150.86	388.39	3589.16	3555.60	-364.49	373.47	112.14	517.36	26.24	20.24	PASS	
3725.00†	3697.79	155.52	400.37	3688.28	3653.61	-373.02	385.54	112.09	530.58	27.12	20.06	PASS	
3825.00†	3796.96	160.17	412.36	3787.40	3751.62	-381.55	397.60	112.05	543.81	28.02	19.89	PASS	
3925.00†	3896.13	164.83	424.34	3886.52	3849.63	-390.08	409.67	112.00	557.04	28.93	19.71	PASS	
4025.00†	3995.30	169.48	436.33	3985.64	3947.65	-398.61	421.73	111.96	570.27	29.86	19.54	PASS	
4125.00†	4094.47	174.14	448.31	4084.76	4045.66	-407.14	433.80	111.91	583.50	30.79	19.37	PASS	
4225.00†	4193.64	178.79	460.30	4183.88	4143.67	-415.67	445.86	111.87	596.74	31.74	19.21	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
4325.00†	4292.81	183.45	472.28	4283.00	4241.68	-424.20	457.93	111.84	609.97	32.70	19.04	PASS	
4425.00†	4391.98	188.10	484.27	4382.12	4339.70	-432.73	469.99	111.80	623.20	33.66	18.89	PASS	
4525.00†	4491.15	192.76	496.25	4481.24	4437.71	-441.26	482.06	111.77	636.43	34.64	18.74	PASS	
4625.00†	4590.32	197.41	508.24	4580.36	4535.72	-449.79	494.12	111.73	649.66	35.62	18.59	PASS	
4725.00†	4689.49	202.07	520.22	4679.48	4633.73	-458.32	506.18	111.70	662.89	36.61	18.45	PASS	
4825.00†	4788.66	206.73	532.21	4778.60	4731.75	-466.86	518.25	111.67	676.12	37.60	18.31	PASS	
4925.00†	4887.83	211.38	544.19	4877.72	4829.76	-475.39	530.31	111.64	689.36	38.60	18.17	PASS	
5025.00†	4987.00	216.04	556.18	4976.84	4927.77	-483.92	542.38	111.61	702.59	39.60	18.05	PASS	
5125.00†	5086.17	220.69	568.16	5075.96	5025.78	-492.45	554.44	111.58	715.82	40.61	17.92	PASS	
5225.00†	5185.33	225.35	580.15	5175.08	5123.80	-500.98	566.51	111.56	729.05	41.63	17.80	PASS	
5325.00†	5284.50	230.00	592.13	5274.20	5221.81	-509.51	578.57	111.53	742.29	42.65	17.68	PASS	
5425.00†	5383.67	234.66	604.12	5373.32	5319.82	-518.04	590.64	111.51	755.52	43.67	17.57	PASS	
5525.00†	5482.84	239.31	616.10	5472.44	5417.83	-526.57	602.70	111.48	768.75	44.69	17.46	PASS	
5625.00†	5582.01	243.97	628.09	5571.56	5515.85	-535.10	614.77	111.46	781.99	45.72	17.36	PASS	
5725.00†	5681.18	248.62	640.07	5670.68	5613.86	-543.63	626.83	111.44	795.22	46.76	17.25	PASS	
5825.00†	5780.35	253.28	652.06	5769.80	5711.87	-552.16	638.90	111.41	808.45	47.79	17.16	PASS	
5925.00†	5879.52	257.93	664.04	5868.92	5809.89	-560.69	650.96	111.39	821.69	48.83	17.06	PASS	
6025.00†	5978.69	262.59	676.03	5968.04	5907.90	-569.22	663.03	111.37	834.92	49.87	16.97	PASS	
6125.00†	6077.86	267.25	688.01	6067.16	6005.91	-577.75	675.09	111.35	848.15	50.91	16.88	PASS	
6225.00†	6177.03	271.90	700.00	6166.28	6103.92	-586.28	687.15	111.33	861.39	51.96	16.79	PASS	
6325.00†	6276.20	276.56	711.98	6265.40	6201.94	-594.81	699.22	111.32	874.62	53.01	16.71	PASS	
6425.00†	6375.37	281.21	723.97	6364.52	6299.95	-603.35	711.28	111.30	887.86	54.06	16.63	PASS	
6525.00†	6474.54	285.87	735.95	6463.64	6397.96	-611.88	723.35	111.28	901.09	55.11	16.55	PASS	
6532.63	6482.11	286.22	736.87	6471.20	6405.44	-612.53	724.27	111.28	902.10	55.19	16.55	PASS	
6625.00†	6574.20	290.39	741.26	6561.70	6494.95	-620.32	735.06	-149.63	914.17	56.24	16.45	PASS	
6725.00†	6673.48	294.52	730.94	6656.81	6589.57	-628.79	737.01	-101.41	927.14	57.78	16.23	PASS	
6825.00†	6769.94	298.18	705.22	6753.71	6685.15	-637.68	724.45	-94.85	939.89	59.44	15.99	PASS	
6925.00†	6861.20	301.25	664.71	6852.64	6779.58	-646.83	696.76	-92.27	952.13	60.92	15.80	PASS	
7025.00†	6945.03	303.68	610.42	6953.82	6870.52	-656.03	653.61	-90.90	963.56	62.28	15.64	PASS	
7125.00†	7019.34	305.39	543.69	7057.38	6955.31	-665.04	595.05	-90.08	973.90	64.05	15.37	PASS	
7225.00†	7082.33	306.35	466.16	7163.42	7031.14	-673.60	521.60	-89.60	982.85	66.69	14.89	PASS	
7325.00†	7132.43	306.53	379.73	7271.89	7095.02	-681.41	434.45	-89.36	990.16	70.12	14.25	PASS	
7425.00†	7168.40	305.93	286.54	7382.63	7144.07	-688.16	335.55	-89.30	995.59	74.18	13.54	PASS	
7525.00†	7189.38	304.57	188.88	7495.34	7175.69	-693.55	227.65	-89.38	998.97	79.43	12.68	PASS	
7613.44	7195.00	302.75	100.71	7596.32	7187.53	-696.98	127.53	-89.57	1000.12	84.25	11.96	PASS	
7625.00†	7194.93	302.47	89.15	7609.59	7187.90	-697.33	114.27	-89.60	1000.14	84.90	11.87	PASS	
7725.00†	7194.36	300.10	-10.82	7711.38	7187.67	-699.72	12.51	-89.62	1000.11	90.50	11.13	PASS	
7825.00†	7193.79	297.73	-110.79	7811.38	7187.29	-702.05	-87.47	-89.63	1000.07	96.62	10.42	PASS	
7925.00†	7193.22	295.36	-210.76	7911.38	7186.91	-704.38	-187.44	-89.64	1000.03	103.20	9.75	PASS	
8025.00†	7192.64	292.99	-310.73	8011.38	7186.53	-706.71	-287.41	-89.65	999.99	110.17	9.13	PASS	
8125.00†	7192.07	290.63	-410.70	8111.38	7186.15	-709.04	-387.38	-89.66	999.95	117.45	8.56	PASS	
8225.00†	7191.50	288.26	-510.67	8211.38	7185.78	-711.37	-487.35	-89.67	999.91	124.99	8.04	PASS	
8325.00†	7190.93	285.89	-610.64	8311.38	7185.40	-713.70	-587.33	-89.68	999.87	132.75	7.57	PASS	
8425.00†	7190.35	283.52	-710.61	8411.38	7185.02	-716.03	-687.30	-89.69	999.83	140.69	7.14	PASS	
8525.00†	7189.78	281.15	-810.58	8511.38	7184.64	-718.36	-787.27	-89.71	999.79	148.77	6.75	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	8611.38	7184.26	-720.69	-887.24	-89.72	999.75	156.99	6.39	PASS	
8725.00†	7188.64	276.41	-1010.52	8711.38	7183.88	-723.02	-987.21	-89.73	999.71	165.31	6.07	PASS	
8825.00†	7188.06	274.04	-1110.49	8811.38	7183.51	-725.35	-1087.19	-89.74	999.66	173.73	5.77	PASS	
8925.00†	7187.49	271.67	-1210.46	8911.38	7183.13	-727.68	-1187.16	-89.75	999.62	182.22	5.50	PASS	
9025.00†	7186.92	269.30	-1310.44	9011.38	7182.75	-730.01	-1287.13	-89.76	999.58	190.79	5.26	PASS	
9125.00†	7186.34	266.93	-1410.41	9111.38	7182.37	-732.33	-1387.10	-89.77	999.54	199.41	5.03	PASS	
9225.00†	7185.77	264.56	-1510.38	9211.38	7181.99	-734.66	-1487.07	-89.78	999.50	208.09	4.82	PASS	
9325.00†	7185.20	262.19	-1610.35	9311.38	7181.61	-736.99	-1587.05	-89.80	999.46	216.81	4.62	PASS	
9425.00†	7184.63	259.82	-1710.32	9411.38	7181.24	-739.32	-1687.02	-89.81	999.42	225.57	4.44	PASS	
9525.00†	7184.05	257.45	-1810.29	9511.38	7180.86	-741.65	-1786.99	-89.82	999.38	234.37	4.27	PASS	
9625.00†	7183.48	255.08	-1910.26	9611.38	7180.48	-743.98	-1886.96	-89.83	999.34	243.20	4.12	PASS	
9725.00†	7182.91	252.71	-2010.23	9711.38	7180.10	-746.31	-1986.93	-89.84	999.30	252.06	3.97	PASS	
9825.00†	7182.34	250.34	-2110.20	9811.38	7179.72	-748.64	-2086.91	-89.85	999.26	260.95	3.84	PASS	
9925.00†	7181.76	247.97	-2210.17	9911.38	7179.34	-750.97	-2186.88	-89.86	999.22	269.86	3.71	PASS	
10025.00†	7181.19	245.60	-2310.14	10011.38	7178.96	-753.30	-2286.85	-89.87	999.18	278.79	3.59	PASS	
10125.00†	7180.62	243.23	-2410.11	10111.38	7178.59	-755.63	-2386.82	-89.88	999.14	287.74	3.48	PASS	
10225.00†	7180.05	240.86	-2510.08	10211.38	7178.21	-757.96	-2486.79	-89.90	999.10	296.71	3.37	PASS	
10325.00†	7179.47	238.49	-2610.05	10311.38	7177.83	-760.29	-2586.76	-89.91	999.06	305.69	3.27	PASS	
10425.00†	7178.90	236.12	-2710.02	10411.38	7177.45	-762.62	-2686.74	-89.92	999.02	314.69	3.18	PASS	
10525.00†	7178.33	233.75	-2809.99	10511.38	7177.07	-764.95	-2786.71	-89.93	998.98	323.70	3.09	PASS	
10625.00†	7177.76	231.38	-2909.96	10611.38	7176.69	-767.28	-2886.68	-89.94	998.94	332.73	3.01	PASS	
10725.00†	7177.18	229.01	-3009.93	10711.38	7176.32	-769.61	-2986.65	-89.95	998.90	341.76	2.93	PASS	
10825.00†	7176.61	226.64	-3109.90	10811.38	7175.94	-771.94	-3086.62	-89.96	998.86	350.81	2.85	PASS	
10925.00†	7176.04	224.27	-3209.87	10911.38	7175.56	-774.27	-3186.60	-89.97	998.82	359.86	2.78	PASS	
11025.00†	7175.47	221.90	-3309.84	11011.38	7175.18	-776.60	-3286.57	-89.98	998.78	368.93	2.71	PASS	
11125.00†	7174.89	219.53	-3409.81	11111.38	7174.80	-778.93	-3386.54	-90.00	998.74	378.00	2.65	PASS	
11225.00†	7174.32	217.16	-3509.78	11211.38	7174.42	-781.26	-3486.51	-90.01	998.70	387.08	2.58	PASS	
11325.00†	7173.75	214.79	-3609.75	11311.38	7174.05	-783.59	-3586.48	-90.02	998.66	396.17	2.52	PASS	
11425.00†	7173.17	212.42	-3709.72	11411.38	7173.67	-785.92	-3686.46	-90.03	998.62	405.26	2.47	PASS	
11525.00†	7172.60	210.06	-3809.69	11511.38	7173.29	-788.25	-3786.43	-90.04	998.58	414.36	2.41	PASS	
11625.00†	7172.03	207.69	-3909.66	11611.38	7172.91	-790.58	-3886.40	-90.05	998.54	423.46	2.36	PASS	
11725.00†	7171.46	205.32	-4009.63	11711.38	7172.53	-792.91	-3986.37	-90.06	998.50	432.58	2.31	PASS	
11825.00†	7170.88	202.95	-4109.60	11811.38	7172.15	-795.24	-4086.34	-90.07	998.46	441.69	2.26	PASS	
11925.00†	7170.31	200.58	-4209.57	11911.38	7171.78	-797.57	-4186.32	-90.08	998.42	450.81	2.22	PASS	
12025.00†	7169.74	198.21	-4309.54	12011.38	7171.40	-799.90	-4286.29	-90.10	998.38	459.94	2.17	PASS	
12125.00†	7169.17	195.84	-4409.51	12111.38	7171.02	-802.23	-4386.26	-90.11	998.34	469.07	2.13	PASS	
12225.00†	7168.59	193.47	-4509.48	12211.37	7170.64	-804.56	-4486.23	-90.12	998.30	478.20	2.09	PASS	
12325.00†	7168.02	191.10	-4609.45	12311.37	7170.26	-806.89	-4586.20	-90.13	998.26	487.34	2.05	PASS	
12425.00†	7167.45	188.73	-4709.42	12411.37	7169.88	-809.22	-4686.18	-90.14	998.22	496.48	2.01	PASS	
12525.00†	7166.88	186.36	-4809.39	12511.37	7169.51	-811.55	-4786.15	-90.15	998.18	505.62	1.98	PASS	
12625.00†	7166.30	183.99	-4909.37	12611.37	7169.13	-813.88	-4886.12	-90.16	998.15	514.77	1.94	PASS	
12725.00†	7165.73	181.62	-5009.34	12711.37	7168.75	-816.21	-4986.09	-90.17	998.11	523.92	1.91	PASS	
12825.00†	7165.16	179.25	-5109.31	12811.37	7168.37	-818.54	-5086.06	-90.19	998.07	533.07	1.87	PASS	
12925.00†	7164.59	176.88	-5209.28	12911.37	7167.99	-820.87	-5186.04	-90.20	998.03	542.23	1.84	PASS	
13025.00†	7164.01	174.51	-5309.25	13011.37	7167.61	-823.20	-5286.01	-90.21	997.99	551.39	1.81	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

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DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
13125.00†	7163.44	172.14	-5409.22	13111.37	7167.24	-825.53	-5385.98	-90.22	997.95	560.55	1.78	PASS	
13225.00†	7162.87	169.77	-5509.19	13211.37	7166.86	-827.86	-5485.95	-90.23	997.91	569.71	1.75	PASS	
13325.00†	7162.30	167.40	-5609.16	13311.37	7166.48	-830.19	-5585.92	-90.24	997.87	578.88	1.72	PASS	
13425.00†	7161.72	165.03	-5709.13	13411.37	7166.10	-832.52	-5685.90	-90.25	997.83	588.05	1.70	PASS	
13525.00†	7161.15	162.66	-5809.10	13511.37	7165.72	-834.85	-5785.87	-90.26	997.79	597.22	1.67	PASS	
13625.00†	7160.58	160.29	-5909.07	13611.37	7165.34	-837.18	-5885.84	-90.27	997.75	606.39	1.65	PASS	
13725.00†	7160.00	157.92	-6009.04	13711.37	7164.97	-839.51	-5985.81	-90.29	997.72	615.56	1.62	PASS	
13825.00†	7159.43	155.55	-6109.01	13811.37	7164.59	-841.84	-6085.78	-90.30	997.68	624.74	1.60	PASS	
13925.00†	7158.86	153.18	-6208.98	13911.37	7164.21	-844.17	-6185.75	-90.31	997.64	633.91	1.57	PASS	
14025.00†	7158.29	150.81	-6308.95	14011.37	7163.83	-846.50	-6285.73	-90.32	997.60	643.09	1.55	PASS	
14125.00†	7157.71	148.44	-6408.92	14111.37	7163.45	-848.83	-6385.70	-90.33	997.56	652.27	1.53	PASS	
14225.00†	7157.14	146.07	-6508.89	14211.37	7163.07	-851.16	-6485.67	-90.34	997.52	661.45	1.51	PASS	
14325.00†	7156.57	143.70	-6608.86	14311.37	7162.70	-853.49	-6585.64	-90.35	997.48	670.64	1.49	PASS	
14425.00†	7156.00	141.33	-6708.83	14411.37	7162.32	-855.82	-6685.61	-90.36	997.44	679.82	1.47	PASS	
14525.00†	7155.42	138.96	-6808.80	14511.37	7161.94	-858.15	-6785.59	-90.37	997.41	689.01	1.45	PASS	
14625.00†	7154.85	136.59	-6908.77	14611.37	7161.56	-860.48	-6885.56	-90.39	997.37	698.19	1.43	PASS	
14725.00†	7154.28	134.22	-7008.74	14711.37	7161.18	-862.81	-6985.53	-90.40	997.33	707.38	1.41	PASS	
14825.00†	7153.71	131.85	-7108.71	14811.37	7160.80	-865.14	-7085.50	-90.41	997.29	716.57	1.39	PASS	
14925.00†	7153.13	129.49	-7208.68	14911.37	7160.43	-867.47	-7185.47	-90.42	997.25	725.76	1.37	PASS	
15025.00†	7152.56	127.12	-7308.65	15011.37	7160.05	-869.80	-7285.45	-90.43	997.21	734.95	1.36	PASS	
15125.00†	7151.99	124.75	-7408.62	15111.37	7159.67	-872.13	-7385.42	-90.44	997.18	744.14	1.34	PASS	
15225.00†	7151.42	122.38	-7508.59	15211.37	7159.29	-874.46	-7485.39	-90.45	997.14	753.34	1.32	PASS	
15325.00†	7150.84	120.01	-7608.56	15311.37	7158.91	-876.79	-7585.36	-90.46	997.10	762.53	1.31	PASS	
15425.00†	7150.27	117.64	-7708.53	15411.37	7158.53	-879.12	-7685.33	-90.48	997.06	771.73	1.29	PASS	
15525.00†	7149.70	115.27	-7808.50	15511.37	7158.16	-881.45	-7785.31	-90.49	997.02	780.92	1.28	PASS	
15625.00†	7149.13	112.90	-7908.47	15611.37	7157.78	-883.78	-7885.28	-90.50	996.98	790.12	1.26	PASS	
15725.00†	7148.55	110.53	-8008.44	15711.37	7157.40	-886.11	-7985.25	-90.51	996.95	799.32	1.25	PASS	
15825.00†	7147.98	108.16	-8108.41	15811.37	7157.02	-888.44	-8085.22	-90.52	996.91	808.52	1.23	PASS	
15925.00†	7147.41	105.79	-8208.38	15911.37	7156.64	-890.77	-8185.19	-90.53	996.87	817.71	1.22	PASS	
16025.00†	7146.84	103.42	-8308.35	16011.37	7156.26	-893.10	-8285.17	-90.54	996.83	826.91	1.21	PASS	
16125.00†	7146.26	101.05	-8408.32	16111.37	7155.89	-895.43	-8385.14	-90.55	996.79	836.11	1.19	PASS	
16225.00†	7145.69	98.68	-8508.30	16211.37	7155.51	-897.76	-8485.11	-90.56	996.76	845.32	1.18	PASS	
16325.00†	7145.12	96.31	-8608.27	16311.37	7155.13	-900.09	-8585.08	-90.58	996.72	854.52	1.17	PASS	
16425.00†	7144.54	93.94	-8708.24	16411.37	7154.75	-902.42	-8685.05	-90.59	996.68	863.72	1.15	PASS	
16525.00†	7143.97	91.57	-8808.21	16511.37	7154.37	-904.75	-8785.03	-90.60	996.64	872.92	1.14	PASS	
16625.00†	7143.40	89.20	-8908.18	16611.37	7153.99	-907.08	-8885.00	-90.61	996.61	882.13	1.13	PASS	
16725.00†	7142.83	86.83	-9008.15	16711.37	7153.61	-909.41	-8984.97	-90.62	996.57	891.33	1.12	PASS	
16825.00†	7142.25	84.46	-9108.12	16811.37	7153.24	-911.74	-9084.94	-90.63	996.53	900.53	1.11	PASS	
16925.00†	7141.68	82.09	-9208.09	16911.37	7152.86	-914.07	-9184.91	-90.64	996.49	909.74	1.10	PASS	
17025.00†	7141.11	79.72	-9308.06	17011.37	7152.48	-916.40	-9284.89	-90.65	996.45	918.94	1.08	PASS	
17125.00†	7140.54	77.35	-9408.03	17111.37	7152.10	-918.73	-9384.86	-90.67	996.42	928.15	1.07	PASS	
17225.00†	7139.96	74.98	-9508.00	17211.37	7151.72	-921.06	-9484.83	-90.68	996.38	937.36	1.06	PASS	
17325.00†	7139.39	72.61	-9607.97	17311.37	7151.34	-923.39	-9584.80	-90.69	996.34	946.56	1.05	PASS	
17425.00†	7138.82	70.24	-9707.94	17411.37	7150.97	-925.72	-9684.77	-90.70	996.30	955.77	1.04	PASS	
17525.00†	7138.25	67.87	-9807.91	17511.37	7150.59	-928.05	-9784.74	-90.71	996.27	964.98	1.03	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
17625.00†	7137.67	65.50	-9907.88	17611.36	7150.21	-930.38	-9884.72	-90.72	996.23	974.19	1.02	PASS	
17725.00†	7137.10	63.13	-10007.85	17711.36	7149.83	-932.71	-9984.69	-90.73	996.19	983.40	1.01	PASS	
17825.00†	7136.53	60.76	-10107.82	17811.36	7149.45	-935.04	-10084.66	-90.74	996.16	992.60	1.00	PASS	
17917.24†	7136.00	58.58	-10200.03	17903.60	7149.10	-937.19	-10176.87	-90.75	996.12	1001.10	1.00	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	-60.85	-0.51	-93.28	45.35
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1736.99	-60.85	-0.51	-93.28	45.35
8.5in Open Hole	1750.00	17931.08	16181.08	1736.99	7149.00	-93.28	45.35	-316.28	-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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	4.49	24.49	86.40	-1648.03	-87.00	1650.29	50.13	33.52	PASS	
125.00†	125.00	0.00	0.00	94.21	114.21	87.00	-1648.30	-86.98	1650.63	50.13	33.53	PASS	
200.00	200.00	0.00	0.00	166.91	186.89	88.14	-1648.78	-86.94	1651.19	50.14	33.53	PASS	
225.00†	225.00	0.04	0.10	191.31	211.29	88.61	-1648.95	-155.70	1651.49	50.14	33.54	PASS	
325.00†	324.96	0.99	2.54	293.27	313.23	90.54	-1649.65	-155.64	1654.66	50.17	33.58	PASS	
425.00†	424.77	3.20	8.23	396.57	416.52	92.15	-1650.19	-155.63	1660.82	50.25	33.65	PASS	
525.00†	524.30	6.67	17.17	499.55	519.49	93.56	-1650.52	-155.64	1669.95	50.16	33.78	PASS	
569.36	568.34	8.61	22.16	545.66	565.59	94.18	-1650.59	-155.66	1674.94	50.20	33.86	PASS	
625.00†	623.52	11.20	28.83	603.34	623.26	94.98	-1650.60	-155.74	1681.52	50.22	33.97	PASS	
725.00†	722.69	15.86	40.82	703.59	723.51	96.20	-1650.52	-155.88	1693.25	50.27	34.18	PASS	
825.00†	821.86	20.51	52.80	803.48	823.40	97.25	-1650.40	-156.02	1704.93	50.33	34.37	PASS	
925.00†	921.03	25.17	64.79	899.66	919.57	98.23	-1650.35	-156.15	1716.70	50.40	34.56	PASS	
1025.00†	1020.20	29.82	76.77	997.55	1017.45	99.16	-1650.44	-156.29	1728.60	50.47	34.75	PASS	
1125.00†	1119.37	34.48	88.76	1099.66	1119.56	100.17	-1650.47	-156.44	1740.47	50.55	34.93	PASS	
1225.00†	1218.54	39.13	100.74	1194.48	1214.37	101.15	-1650.55	-156.56	1752.39	50.64	35.11	PASS	
1325.00†	1317.71	43.79	112.73	1293.19	1313.08	102.00	-1650.77	-156.70	1764.46	50.74	35.28	PASS	
1425.00†	1416.88	48.44	124.71	1392.57	1412.45	102.50	-1651.01	-156.85	1776.55	50.85	35.45	PASS	
1525.00†	1516.05	53.10	136.70	1493.19	1513.08	102.93	-1651.21	-157.00	1788.60	50.96	35.61	PASS	
1625.00†	1615.22	57.75	148.68	1595.42	1615.30	103.31	-1651.28	-157.15	1800.54	51.08	35.76	PASS	
1725.00†	1714.39	62.41	160.67	1693.71	1713.60	103.61	-1651.29	-157.30	1812.43	51.21	35.90	PASS	
1825.00†	1813.56	67.06	172.65	1793.53	1813.41	103.94	-1651.31	-157.45	1824.34	51.10	36.07	PASS	
1925.00†	1912.73	71.72	184.64	1886.59	1906.47	104.03	-1651.46	-157.59	1836.39	51.16	36.27	PASS	
2025.00†	2011.90	76.37	196.62	1981.62	2001.51	103.92	-1651.90	-157.74	1848.76	51.23	36.46	PASS	
2125.00†	2111.07	81.03	208.61	2080.83	2100.71	103.71	-1652.48	-157.89	1861.25	51.32	36.64	PASS	
2225.00†	2210.24	85.69	220.59	2177.99	2197.87	103.45	-1653.05	-158.05	1873.77	51.42	36.82	PASS	
2325.00†	2309.41	90.34	232.58	2274.11	2293.98	103.28	-1653.76	-158.19	1886.45	51.54	36.98	PASS	
2425.00†	2408.58	95.00	244.56	2372.45	2392.33	103.11	-1654.60	-158.34	1899.26	51.67	37.14	PASS	
2525.00†	2507.75	99.65	256.55	2470.79	2490.66	102.95	-1655.46	-158.49	1912.09	51.81	37.28	PASS	
2625.00†	2606.92	104.31	268.53	2565.36	2585.23	102.77	-1656.39	-158.63	1925.05	51.97	37.42	PASS	
2725.00†	2706.09	108.96	280.52	2659.49	2679.35	102.70	-1657.58	-158.76	1938.29	52.13	37.56	PASS	
2825.00†	2805.26	113.62	292.50	2755.78	2775.62	102.49	-1658.99	-158.90	1951.75	52.32	37.69	PASS	
2925.00†	2904.43	118.27	304.49	2854.89	2874.72	102.08	-1660.51	-159.04	1965.29	52.51	37.80	PASS	
3025.00†	3003.60	122.93	316.47	2952.44	2972.26	101.44	-1661.98	-159.20	1978.82	52.72	37.91	PASS	
3125.00†	3102.77	127.58	328.46	3051.62	3071.42	100.79	-1663.58	-159.35	1992.47	52.95	38.01	PASS	
3225.00†	3201.94	132.24	340.44	3167.04	3186.83	100.17	-1665.06	-159.51	2005.82	53.20	38.08	PASS	
3325.00†	3301.11	136.89	352.43	3268.69	3288.49	99.96	-1665.60	-159.65	2018.40	53.45	38.14	PASS	
3425.00†	3400.28	141.55	364.41	3368.76	3388.55	99.83	-1666.25	-159.78	2031.13	53.72	38.19	PASS	
3525.00†	3499.45	146.21	376.40	3469.89	3489.68	99.79	-1666.77	-159.91	2043.72	53.99	38.23	PASS	
3625.00†	3598.62	150.86	388.39	3561.45	3581.24	99.57	-1667.31	-160.03	2056.41	54.27	38.27	PASS	
3725.00†	3697.79	155.52	400.37	3650.18	3669.96	99.39	-1668.28	-160.14	2069.60	54.55	38.31	PASS	
3825.00†	3796.96	160.17	412.36	3742.68	3762.45	99.19	-1669.71	-160.26	2083.24	54.85	38.35	PASS	
3925.00†	3896.13	164.83	424.34	3840.69	3860.44	98.82	-1671.37	-160.38	2097.05	55.16	38.38	PASS	
4025.00†	3995.30	169.48	436.33	3936.34	3956.07	98.13	-1672.98	-160.51	2110.88	55.49	38.41	PASS	
4125.00†	4094.47	174.14	448.31	4026.78	4046.49	97.04	-1674.83	-160.65	2125.08	55.81	38.44	PASS	
4225.00†	4193.64	178.79	460.30	4120.22	4139.90	95.34	-1676.98	-160.80	2139.58	56.15	38.47	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
4325.00†	4292.81	183.45	472.28	4211.92	4231.54	93.20	-1679.39	-160.96	2154.43	56.49	38.50	PASS	
4425.00†	4391.98	188.10	484.27	4317.42	4336.98	90.89	-1682.10	-161.14	2169.24	56.87	38.50	PASS	
4525.00†	4491.15	192.76	496.25	4415.80	4435.31	89.23	-1684.52	-161.29	2183.94	57.25	38.50	PASS	
4625.00†	4590.32	197.41	508.24	4515.09	4534.57	88.00	-1687.05	-161.42	2198.72	57.64	38.50	PASS	
4725.00†	4689.49	202.07	520.22	4630.54	4649.99	86.85	-1689.43	-161.57	2213.01	58.07	38.46	PASS	
4825.00†	4788.66	206.73	532.21	4739.66	4759.09	86.14	-1691.13	-161.70	2226.80	58.49	38.42	PASS	
4925.00†	4887.83	211.38	544.19	4845.30	4864.72	85.47	-1692.25	-161.83	2240.10	58.92	38.36	PASS	
5025.00†	4987.00	216.04	556.18	4942.57	4961.98	84.91	-1693.27	-161.94	2253.40	59.34	38.31	PASS	
5125.00†	5086.17	220.69	568.16	5042.40	5061.80	84.62	-1694.36	-162.05	2266.74	59.78	38.26	PASS	
5225.00†	5185.33	225.35	580.15	5140.21	5159.61	84.62	-1695.39	-162.15	2280.03	60.22	38.20	PASS	
5325.00†	5284.50	230.00	592.13	5236.17	5255.56	85.02	-1696.61	-162.23	2293.51	60.66	38.14	PASS	
5425.00†	5383.67	234.66	604.12	5335.02	5354.40	85.56	-1697.86	-162.31	2306.98	61.12	38.08	PASS	
5525.00†	5482.84	239.31	616.10	5433.73	5453.10	85.77	-1699.21	-162.40	2320.59	61.58	38.01	PASS	
5625.00†	5582.01	243.97	628.09	5537.98	5557.35	86.22	-1700.38	-162.49	2333.94	62.06	37.93	PASS	
5725.00†	5681.18	248.62	640.07	5631.20	5650.56	86.11	-1701.45	-162.58	2347.36	62.53	37.86	PASS	
5825.00†	5780.35	253.28	652.06	5724.03	5743.38	85.85	-1702.82	-162.67	2361.11	63.00	37.79	PASS	
5925.00†	5879.52	257.93	664.04	5821.83	5841.17	85.42	-1704.27	-162.77	2374.90	63.49	37.72	PASS	
6025.00†	5978.69	262.59	676.03	5906.36	5925.68	85.18	-1705.89	-162.85	2389.11	63.96	37.67	PASS	
6125.00†	6077.86	267.25	688.01	6002.83	6022.12	85.11	-1708.09	-162.94	2403.66	64.45	37.60	PASS	
6225.00†	6177.03	271.90	700.00	6110.74	6130.01	84.95	-1710.32	-163.03	2418.01	64.99	37.51	PASS	
6325.00†	6276.20	276.56	711.98	6192.61	6211.86	84.96	-1712.20	-163.10	2432.60	65.46	37.46	PASS	
6425.00†	6375.37	281.21	723.97	6290.86	6310.07	84.88	-1714.85	-163.19	2447.57	65.98	37.39	PASS	
6525.00†	6474.54	285.87	735.95	6386.71	6405.89	84.54	-1717.43	-163.27	2462.59	66.50	37.33	PASS	
6532.63	6482.11	286.22	736.87	6393.99	6413.17	84.54	-1717.64	-163.28	2463.74	66.54	37.32	PASS	
6625.00†	6574.20	290.39	741.26	6484.97	6504.11	84.55	-1720.21	-163.28	2471.06	67.03	37.16	PASS	
6725.00†	6673.48	294.52	730.94	6590.32	6609.42	84.19	-1723.08	-17.29	2463.85	67.84	36.60	PASS	
6825.00†	6769.94	298.18	705.22	6671.41	6690.47	83.71	-1725.38	-11.36	2441.33	69.18	35.56	PASS	
6925.00†	6861.20	301.25	664.71	6746.21	6765.23	83.62	-1728.09	-9.47	2404.59	70.24	34.49	PASS	
7025.00†	6945.03	303.68	610.42	6816.72	6835.66	83.81	-1731.18	-8.88	2354.44	71.13	33.35	PASS	
7125.00†	7019.34	305.39	543.69	6883.51	6902.37	83.89	-1734.45	-9.07	2291.87	71.85	32.13	PASS	
7225.00†	7082.33	306.35	466.16	6937.99	6956.78	83.75	-1737.37	-9.97	2218.30	72.41	30.86	PASS	
7325.00†	7132.43	306.53	379.73	6981.90	7000.61	83.46	-1739.95	-11.90	2135.46	72.80	29.55	PASS	
7425.00†	7168.40	305.93	286.54	7018.75	7037.38	83.10	-1742.26	-15.96	2045.20	73.06	28.19	PASS	
7525.00†	7189.38	304.57	188.88	7045.28	7063.87	82.79	-1743.94	-26.23	1949.55	73.22	26.82	PASS	
7613.44	7195.00	302.75	100.71	7056.27	7074.83	82.65	-1744.64	-58.14	1862.31	73.29	25.59	PASS	
7625.00†	7194.93	302.47	89.15	7056.93	7075.48	82.64	-1744.68	-58.29	1850.82	73.29	25.43	PASS	
7725.00†	7194.36	300.10	-10.82	7062.61	7081.16	82.57	-1745.04	-59.66	1751.47	73.34	24.05	PASS	
7825.00†	7193.79	297.73	-110.79	7068.30	7086.84	82.49	-1745.40	-61.06	1652.19	73.41	22.67	PASS	
7925.00†	7193.22	295.36	-210.76	7074.00	7092.52	82.42	-1745.77	-62.50	1552.97	73.50	21.28	PASS	
8025.00†	7192.64	292.99	-310.73	7079.71	7098.22	82.34	-1746.13	-63.99	1453.84	73.62	19.89	PASS	
8125.00†	7192.07	290.63	-410.70	7085.42	7103.92	82.25	-1746.49	-65.51	1354.81	73.78	18.49	PASS	
8225.00†	7191.50	288.26	-510.67	7091.14	7109.63	82.17	-1746.86	-67.07	1255.91	73.99	17.09	PASS	
8325.00†	7190.93	285.89	-610.64	7096.87	7115.34	82.08	-1747.22	-68.67	1157.18	74.27	15.69	PASS	
8425.00†	7190.35	283.52	-710.61	7103.72	7122.18	81.98	-1747.65	-70.63	1058.64	74.76	14.26	PASS	
8525.00†	7189.78	281.15	-810.58	7111.49	7129.93	81.87	-1748.13	-72.90	960.36	75.49	12.81	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	7118.71	7137.14	81.76	-1748.56	-75.06	862.43	76.41	11.36	PASS
8725.00†	7188.64	276.41	-1010.52	7125.45	7143.87	81.67	-1748.95	-77.12	764.99	77.64	9.92	PASS
8825.00†	7188.06	274.04	-1110.49	7131.75	7150.15	81.58	-1749.31	-79.07	668.25	79.37	8.47	PASS
8925.00†	7187.49	271.67	-1210.46	7137.65	7156.05	81.51	-1749.63	-80.92	572.58	81.96	7.03	PASS
9025.00†	7186.92	269.30	-1310.44	7143.19	7161.58	81.44	-1749.92	-82.68	478.63	86.00	5.59	PASS
9125.00†	7186.34	266.93	-1410.41	7148.40	7166.78	81.37	-1750.19	-84.34	387.64	92.63	4.20	PASS
9225.00†	7185.77	264.56	-1510.38	7153.31	7171.69	81.31	-1750.44	-85.91	302.34	103.76	2.92	PASS
9325.00†	7185.20	262.19	-1610.35	7157.95	7176.31	81.26	-1750.66	-87.40	229.14	121.64	1.89	PASS
9425.00†	7184.63	259.82	-1710.32	7162.33	7180.69	81.21	-1750.87	-88.81	183.20	141.66	1.29	PASS
9469.83†	7184.37	258.76	-1755.13	7164.33	7182.69	81.19	-1750.97	-89.46	177.63	145.44	1.22	PASS
9472.49†	7184.36	258.69	-1757.79	7164.33	7182.69	81.19	-1750.97	-89.46	177.65	145.49	1.22	PASS
9525.00†	7184.05	257.45	-1810.29	7166.48	7184.84	81.16	-1751.07	-90.15	185.97	142.26	1.31	PASS
9625.00†	7183.48	255.08	-1910.26	7170.41	7188.77	81.12	-1751.25	-91.42	235.74	124.90	1.89	PASS
9725.00†	7182.91	252.71	-2010.23	7174.15	7192.50	81.08	-1751.41	-92.62	310.70	109.27	2.85	PASS
9825.00†	7182.34	250.34	-2110.20	7177.70	7196.05	81.04	-1751.57	-93.76	396.82	99.00	4.02	PASS
9925.00†	7181.76	247.97	-2210.17	7181.08	7199.43	81.01	-1751.71	-94.84	488.23	92.43	5.31	PASS
10025.00†	7181.19	245.60	-2310.14	7184.31	7202.65	80.98	-1751.85	-95.87	582.45	88.08	6.65	PASS
10125.00†	7180.62	243.23	-2410.11	7187.38	7205.72	80.95	-1751.97	-96.85	678.31	85.07	8.02	PASS
10225.00†	7180.05	240.86	-2510.08	7190.32	7208.66	80.92	-1752.09	-97.78	775.21	82.91	9.41	PASS
10325.00†	7179.47	238.49	-2610.05	7193.13	7211.47	80.89	-1752.20	-98.66	872.79	81.30	10.80	PASS
10425.00†	7178.90	236.12	-2710.02	7195.82	7214.15	80.87	-1752.30	-99.51	970.86	80.07	12.20	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	52.70	-1004.64	54.69	-1005.36
8.625in Casing Surface	0.00	452.00	452.00	-5.00	446.94	52.70	-1004.64	54.69	-1005.36
7.875in Open Hole	452.00	7316.00	6864.00	446.94	7309.29	54.69	-1005.36	50.82	-1037.24
4.5in Casing Production	0.00	7316.00	7316.00	-5.00	7309.29	52.70	-1004.64	50.82	-1037.24

**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

**Clearance Report**  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 5N-20B-L PWB Offset Wellpath: DONN 5N-20B-L PWP (REV-A.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	-119.86	-0.83	-179.60	119.86	1.56	198.17	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	-119.86	-0.83	-179.60	119.86	1.88	129.20	PASS	
200.00	200.00	0.00	0.00	200.00	200.00	-119.86	-0.83	-179.60	119.86	2.30	89.07	PASS	
225.00†	225.00	0.04	0.10	224.31	224.31	-119.93	-0.76	111.64	119.97	2.44	80.68	PASS	
325.00†	324.96	0.99	2.54	321.51	321.48	-121.61	1.06	111.84	122.65	3.26	53.09	PASS	
425.00†	424.77	3.20	8.23	418.48	418.26	-125.51	5.28	112.27	128.90	4.40	37.24	PASS	
525.00†	524.30	6.67	17.17	515.01	514.38	-131.59	11.88	112.85	138.72	5.41	30.96	PASS	
569.36	568.34	8.61	22.16	557.66	556.73	-134.98	15.55	113.14	144.21	5.84	29.40	PASS	
625.00†	623.52	11.20	28.83	610.98	609.57	-139.82	20.79	113.47	151.87	6.33	28.11	PASS	
725.00†	722.69	15.86	40.82	707.25	704.62	-150.17	32.01	113.35	167.24	7.17	26.80	PASS	
825.00†	821.86	20.51	52.80	805.96	801.93	-161.40	44.18	113.02	183.20	7.96	26.06	PASS	
925.00†	921.03	25.17	64.79	904.67	899.25	-172.64	56.35	112.75	199.18	8.79	25.34	PASS	
1025.00†	1020.20	29.82	76.77	1003.39	996.56	-183.87	68.53	112.51	215.15	9.65	24.66	PASS	
1125.00†	1119.37	34.48	88.76	1102.10	1093.87	-195.11	80.70	112.31	231.13	10.56	23.99	PASS	
1225.00†	1218.54	39.13	100.74	1200.81	1191.18	-206.34	92.87	112.13	247.12	11.40	23.58	PASS	
1325.00†	1317.71	43.79	112.73	1299.52	1288.49	-217.57	105.05	111.98	263.10	12.37	22.99	PASS	
1425.00†	1416.88	48.44	124.71	1398.23	1385.81	-228.81	117.22	111.84	279.09	13.30	22.55	PASS	
1525.00†	1516.05	53.10	136.70	1496.94	1483.12	-240.04	129.39	111.72	295.08	14.24	22.16	PASS	
1625.00†	1615.22	57.75	148.68	1595.66	1580.43	-251.28	141.56	111.61	311.06	15.18	21.81	PASS	
1725.00†	1714.39	62.41	160.67	1694.37	1677.74	-262.51	153.74	111.51	327.05	16.14	21.49	PASS	
1825.00†	1813.56	67.06	172.65	1793.08	1775.05	-273.75	165.91	111.42	343.04	16.45	21.75	PASS	
1925.00†	1912.73	71.72	184.64	1891.79	1872.37	-284.98	178.08	111.34	359.04	16.60	22.54	PASS	
2025.00†	2011.90	76.37	196.62	1990.50	1969.68	-296.21	190.26	111.26	375.03	16.75	23.33	PASS	
2125.00†	2111.07	81.03	208.61	2089.22	2066.99	-307.45	202.43	111.19	391.02	16.98	23.99	PASS	
2225.00†	2210.24	85.69	220.59	2187.93	2164.30	-318.68	214.60	111.13	407.01	17.28	24.53	PASS	
2325.00†	2309.41	90.34	232.58	2286.64	2261.61	-329.92	226.78	111.07	423.01	17.64	24.95	PASS	
2425.00†	2408.58	95.00	244.56	2385.35	2358.93	-341.15	238.95	111.02	439.00	18.06	25.26	PASS	
2525.00†	2507.75	99.65	256.55	2484.06	2456.24	-352.39	251.12	110.97	455.00	18.54	25.47	PASS	
2625.00†	2606.92	104.31	268.53	2582.78	2553.55	-363.62	263.30	110.92	470.99	19.08	25.60	PASS	
2725.00†	2706.09	108.96	280.52	2681.49	2650.86	-374.85	275.47	110.88	486.98	19.66	25.66	PASS	
2825.00†	2805.26	113.62	292.50	2780.20	2748.17	-386.09	287.64	110.83	502.98	20.29	25.65	PASS	
2925.00†	2904.43	118.27	304.49	2878.91	2845.49	-397.32	299.82	110.80	518.98	20.96	25.60	PASS	
3025.00†	3003.60	122.93	316.47	2977.62	2942.80	-408.56	311.99	110.76	534.97	21.66	25.50	PASS	
3125.00†	3102.77	127.58	328.46	3076.33	3040.11	-419.79	324.16	110.73	550.97	22.40	25.37	PASS	
3225.00†	3201.94	132.24	340.44	3175.05	3137.42	-431.03	336.33	110.69	566.96	23.17	25.21	PASS	
3325.00†	3301.11	136.89	352.43	3273.76	3234.73	-442.26	348.51	110.66	582.96	23.96	25.04	PASS	
3425.00†	3400.28	141.55	364.41	3372.47	3332.05	-453.49	360.68	110.63	598.96	24.78	24.86	PASS	
3525.00†	3499.45	146.21	376.40	3471.18	3429.36	-464.73	372.85	110.61	614.95	25.62	24.66	PASS	
3625.00†	3598.62	150.86	388.39	3569.89	3526.67	-475.96	385.03	110.58	630.95	26.48	24.46	PASS	
3725.00†	3697.79	155.52	400.37	3668.61	3623.98	-487.20	397.20	110.56	646.94	27.35	24.25	PASS	
3825.00†	3796.96	160.17	412.36	3767.32	3721.30	-498.43	409.37	110.53	662.94	28.25	24.05	PASS	
3925.00†	3896.13	164.83	424.34	3866.03	3818.61	-509.67	421.55	110.51	678.94	29.15	23.84	PASS	
4025.00†	3995.30	169.48	436.33	3964.74	3915.92	-520.90	433.72	110.49	694.94	30.07	23.64	PASS	
4125.00†	4094.47	174.14	448.31	4063.45	4013.23	-532.13	445.89	110.47	710.93	31.01	23.44	PASS	
4225.00†	4193.64	178.79	460.30	4162.17	4110.54	-543.37	458.07	110.45	726.93	31.95	23.25	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
**DONN 4C-20-L PWP (REV-A.0)**  
**Closest Approach**  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

**CLEARANCE DATA - Offset Wellbore: DONN 5N-20B-L PWB Offset Wellpath: DONN 5N-20B-L PWP (REV-A.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†	4292.81	183.45	472.28	4260.88	4207.86	-554.60	470.24	110.43	742.93	32.90	23.05	PASS	
4425.00†	4391.98	188.10	484.27	4359.59	4305.17	-565.84	482.41	110.41	758.92	33.87	22.87	PASS	
4525.00†	4491.15	192.76	496.25	4458.30	4402.48	-577.07	494.58	110.39	774.92	34.84	22.69	PASS	
4625.00†	4590.32	197.41	508.24	4557.01	4499.79	-588.31	506.76	110.38	790.92	35.82	22.51	PASS	
4725.00†	4689.49	202.07	520.22	4655.72	4597.10	-599.54	518.93	110.36	806.92	36.80	22.34	PASS	
4825.00†	4788.66	206.73	532.21	4754.44	4694.42	-610.77	531.10	110.35	822.91	37.79	22.17	PASS	
4925.00†	4887.83	211.38	544.19	4853.15	4791.73	-622.01	543.28	110.33	838.91	38.79	22.01	PASS	
5025.00†	4987.00	216.04	556.18	4951.86	4889.04	-633.24	555.45	110.32	854.91	39.79	21.85	PASS	
5125.00†	5086.17	220.69	568.16	5050.57	4986.35	-644.48	567.62	110.30	870.91	40.80	21.70	PASS	
5225.00†	5185.33	225.35	580.15	5149.28	5083.66	-655.71	579.80	110.29	886.91	41.82	21.56	PASS	
5325.00†	5284.50	230.00	592.13	5248.00	5180.98	-666.95	591.97	110.28	902.90	42.83	21.42	PASS	
5425.00†	5383.67	234.66	604.12	5346.71	5278.29	-678.18	604.14	110.27	918.90	43.85	21.28	PASS	
5525.00†	5482.84	239.31	616.10	5445.42	5375.60	-689.41	616.32	110.26	934.90	44.88	21.15	PASS	
5625.00†	5582.01	243.97	628.09	5544.13	5472.91	-700.65	628.49	110.24	950.90	45.91	21.02	PASS	
5725.00†	5681.18	248.62	640.07	5642.84	5570.22	-711.88	640.66	110.23	966.90	46.94	20.90	PASS	
5825.00†	5780.35	253.28	652.06	5741.55	5667.54	-723.12	652.84	110.22	982.89	47.98	20.78	PASS	
5925.00†	5879.52	257.93	664.04	5840.27	5764.85	-734.35	665.01	110.21	998.89	49.02	20.66	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-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 5N-20B-L PWB Offset Wellpath: DONN 5N-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	25.00	1732.58	-73.07	-0.51	-118.48	48.70
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1732.58	-73.07	-0.51	-118.48	48.70
8.5in Open Hole	1750.00	17791.52	16041.52	1732.58	6961.00	-118.48	48.70	-384.35	-3110.73

**SURVEY PROGRAM - Offset Wellbore: DONN 5N-20B-L PWB Offset Wellpath: DONN 5N-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 5N-20B-L PWB
1750.00	17791.52	Custom BHI AutoTrak Curve (IFR1, Short) (Rockies 0.03Gt model)		DONN 5N-20B-L PWB

**OFFSET WELLPATH REFERENCE - Offset Wellbore: DONN 5N-20B-L PWB Offset Wellpath: DONN 5N-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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
25.00	25.00	0.00	0.00	19.00	25.00	-682.20	-8953.71	-94.36	8979.66	25.57	364.96	PASS	
125.00†	125.00	0.00	0.00	119.00	125.00	-682.20	-8953.71	-94.36	8979.66	25.57	364.92	PASS	
200.00	200.00	0.00	0.00	194.00	200.00	-682.20	-8953.71	-94.36	8979.66	25.57	364.85	PASS	
225.00†	225.00	0.04	0.10	219.00	225.00	-682.20	-8953.71	-163.13	8979.77	25.57	364.82	PASS	
325.00†	324.96	0.99	2.54	318.96	324.96	-682.20	-8953.71	-163.12	8982.27	25.60	364.53	PASS	
425.00†	424.77	3.20	8.23	418.77	424.77	-682.20	-8953.71	-163.10	8988.11	25.67	363.70	PASS	
525.00†	524.30	6.67	17.17	518.30	524.30	-682.20	-8953.71	-163.06	8997.29	25.75	362.93	PASS	
569.36	568.34	8.61	22.16	562.34	568.34	-682.20	-8953.71	-163.04	9002.42	25.78	362.74	PASS	
625.00†	623.52	11.20	28.83	617.52	623.52	-682.20	-8953.71	-163.05	9009.27	25.80	362.77	PASS	
725.00†	722.69	15.86	40.82	716.69	722.69	-682.20	-8953.71	-163.08	9021.58	25.83	362.82	PASS	
825.00†	821.86	20.51	52.80	815.86	821.86	-682.20	-8953.71	-163.10	9033.89	25.86	362.80	PASS	
925.00†	921.03	25.17	64.79	915.03	921.03	-682.20	-8953.71	-163.13	9046.20	25.90	362.71	PASS	
1025.00†	1020.20	29.82	76.77	1014.20	1020.20	-682.20	-8953.71	-163.15	9058.51	25.95	362.54	PASS	
1125.00†	1119.37	34.48	88.76	1113.37	1119.37	-682.20	-8953.71	-163.17	9070.83	26.00	362.30	PASS	
1225.00†	1218.54	39.13	100.74	1212.54	1218.54	-682.20	-8953.71	-163.20	9083.14	26.05	361.99	PASS	
1325.00†	1317.71	43.79	112.73	1317.71	1317.71	-682.20	-8953.71	-163.22	9095.46	26.11	361.61	PASS	
1425.00†	1416.88	48.44	124.71	1410.88	1416.88	-682.20	-8953.71	-163.24	9107.78	26.18	361.16	PASS	
1525.00†	1516.05	53.10	136.70	1510.05	1516.05	-682.20	-8953.71	-163.26	9120.10	26.25	360.64	PASS	
1625.00†	1615.22	57.75	148.68	1609.22	1615.22	-682.20	-8953.71	-163.29	9132.42	26.32	360.05	PASS	
1725.00†	1714.39	62.41	160.67	1708.39	1714.39	-682.20	-8953.71	-163.31	9144.74	26.41	359.40	PASS	
1825.00†	1813.56	67.06	172.65	1807.56	1813.56	-682.20	-8953.71	-163.34	9157.07	26.19	359.26	PASS	
1925.00†	1912.73	71.72	184.64	1906.73	1912.73	-682.20	-8953.71	-163.36	9169.40	26.21	359.57	PASS	
2025.00†	2011.90	76.37	196.62	2005.90	2011.90	-682.20	-8953.71	-163.38	9181.72	26.23	359.72	PASS	
2125.00†	2111.07	81.03	208.61	2105.07	2111.07	-682.20	-8953.71	-163.40	9194.05	26.27	359.71	PASS	
2225.00†	2210.24	85.69	220.59	2204.24	2210.24	-682.20	-8953.71	-163.43	9206.38	26.31	359.54	PASS	
2325.00†	2309.41	90.34	232.58	2303.41	2309.41	-682.20	-8953.71	-163.45	9218.72	26.37	359.21	PASS	
2425.00†	2408.58	95.00	244.56	2402.58	2408.58	-682.20	-8953.71	-163.47	9231.05	26.44	358.72	PASS	
2525.00†	2507.75	99.65	256.55	2501.75	2507.75	-682.20	-8953.71	-163.50	9243.39	26.52	358.09	PASS	
2625.00†	2606.92	104.31	268.53	2600.92	2606.92	-682.20	-8953.71	-163.52	9255.72	26.61	357.31	PASS	
2725.00†	2706.09	108.96	280.52	2700.09	2706.09	-682.20	-8953.71	-163.54	9268.06	26.71	356.38	PASS	
2825.00†	2805.26	113.62	292.50	2799.26	2805.26	-682.20	-8953.71	-163.56	9280.40	26.82	355.32	PASS	
2925.00†	2904.43	118.27	304.49	2898.43	2904.43	-682.20	-8953.71	-163.59	9292.74	26.95	354.12	PASS	
3025.00†	3003.60	122.93	316.47	2997.60	3003.60	-682.20	-8953.71	-163.61	9305.08	27.08	352.79	PASS	
3125.00†	3102.77	127.58	328.46	3096.77	3102.77	-682.20	-8953.71	-163.63	9317.43	27.23	351.34	PASS	
3225.00†	3201.94	132.24	340.44	3195.94	3201.94	-682.20	-8953.71	-163.65	9329.77	27.38	349.78	PASS	
3325.00†	3301.11	136.89	352.43	3295.11	3301.11	-682.20	-8953.71	-163.67	9342.12	27.54	348.10	PASS	
3425.00†	3400.28	141.55	364.41	3394.28	3400.28	-682.20	-8953.71	-163.70	9354.47	27.72	346.31	PASS	
3525.00†	3499.45	146.21	376.40	3493.45	3499.45	-682.20	-8953.71	-163.72	9366.82	27.90	344.43	PASS	
3625.00†	3598.62	150.86	388.39	3592.62	3598.62	-682.20	-8953.71	-163.74	9379.17	28.09	342.46	PASS	
3725.00†	3697.79	155.52	400.37	3691.79	3697.79	-682.20	-8953.71	-163.76	9391.52	28.30	340.39	PASS	
3825.00†	3796.96	160.17	412.36	3790.96	3796.96	-682.20	-8953.71	-163.78	9403.87	28.51	338.25	PASS	
3925.00†	3896.13	164.83	424.34	3890.13	3896.13	-682.20	-8953.71	-163.81	9416.23	28.73	336.04	PASS	
4025.00†	3995.30	169.48	436.33	3989.30	3995.30	-682.20	-8953.71	-163.83	9428.58	28.96	333.76	PASS	
4125.00†	4094.47	174.14	448.31	4088.47	4094.47	-682.20	-8953.71	-163.85	9440.94	29.19	331.42	PASS	
4225.00†	4193.64	178.79	460.30	4187.64	4193.64	-682.20	-8953.71	-163.87	9453.30	29.44	329.02	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	4286.81	4292.81	-682.20	-8953.71	-163.89	9465.66	29.69	326.57	PASS	
4425.00†	4391.98	188.10	484.27	4385.98	4391.98	-682.20	-8953.71	-163.91	9478.02	29.95	324.08	PASS	
4525.00†	4491.15	192.76	496.25	4485.15	4491.15	-682.20	-8953.71	-163.94	9490.38	30.22	321.55	PASS	
4625.00†	4590.32	197.41	508.24	4584.32	4590.32	-682.20	-8953.71	-163.96	9502.74	30.50	318.99	PASS	
4725.00†	4689.49	202.07	520.22	4683.49	4689.49	-682.20	-8953.71	-163.98	9515.11	30.78	316.40	PASS	
4825.00†	4788.66	206.73	532.21	4782.66	4788.66	-682.20	-8953.71	-164.00	9527.48	51.41	187.90	PASS	
4925.00†	4887.83	211.38	544.19	4881.83	4887.83	-682.20	-8953.71	-164.02	9539.84	56.40	171.27	PASS	
5025.00†	4987.00	216.04	556.18	4981.00	4987.00	-682.20	-8953.71	-164.04	9552.21	57.85	167.16	PASS	
5125.00†	5086.17	220.69	568.16	5080.17	5086.17	-682.20	-8953.71	-164.06	9564.58	59.97	161.40	PASS	
5225.00†	5185.33	225.35	580.15	5179.33	5185.33	-682.20	-8953.71	-164.09	9576.96	62.64	154.62	PASS	
5325.00†	5284.50	230.00	592.13	5278.50	5284.50	-682.20	-8953.71	-164.11	9589.33	65.76	147.41	PASS	
5425.00†	5383.67	234.66	604.12	5377.67	5383.67	-682.20	-8953.71	-164.13	9601.70	69.21	140.15	PASS	
5525.00†	5482.84	239.31	616.10	5476.84	5482.84	-682.20	-8953.71	-164.15	9614.08	72.93	133.11	PASS	
5625.00†	5582.01	243.97	628.09	5576.01	5582.01	-682.20	-8953.71	-164.17	9626.45	76.85	126.42	PASS	
5725.00†	5681.18	248.62	640.07	5675.18	5681.18	-682.20	-8953.71	-164.19	9638.83	80.92	120.15	PASS	
5825.00†	5780.35	253.28	652.06	5774.35	5780.35	-682.20	-8953.71	-164.21	9651.21	85.12	114.33	PASS	
5925.00†	5879.52	257.93	664.04	5873.52	5879.52	-682.20	-8953.71	-164.23	9663.59	89.41	108.93	PASS	
6025.00†	5978.69	262.59	676.03	5972.69	5978.69	-682.20	-8953.71	-164.25	9675.97	93.79	103.95	PASS	
6125.00†	6077.86	267.25	688.01	6071.86	6077.86	-682.20	-8953.71	-164.27	9688.36	98.23	99.34	PASS	
6225.00†	6177.03	271.90	700.00	6171.03	6177.03	-682.20	-8953.71	-164.29	9700.74	102.72	95.09	PASS	
6325.00†	6276.20	276.56	711.98	6270.20	6276.20	-682.20	-8953.71	-164.31	9713.13	107.26	91.16	PASS	
6425.00†	6375.37	281.21	723.97	6369.37	6375.37	-682.20	-8953.71	-164.33	9725.51	111.83	87.51	PASS	
6525.00†	6474.54	285.87	735.95	6468.54	6474.54	-682.20	-8953.71	-164.35	9737.90	116.44	84.14	PASS	
6532.63	6482.11	286.22	736.87	6476.11	6482.11	-682.20	-8953.71	-164.36	9738.85	116.79	83.89	PASS	
6625.00†	6574.20	290.39	741.26	6568.20	6574.20	-682.20	-8953.71	-65.94	9743.63	121.09	80.93	PASS	
6725.00†	6673.48	294.52	730.94	6667.48	6673.48	-682.20	-8953.71	-18.25	9733.78	126.02	77.67	PASS	
6825.00†	6769.94	298.18	705.22	6763.94	6769.94	-682.20	-8953.71	-12.28	9708.55	131.42	74.27	PASS	
6925.00†	6861.20	301.25	664.71	6855.20	6861.20	-682.20	-8953.71	-10.39	9668.57	136.32	71.29	PASS	
7025.00†	6945.03	303.68	610.42	6939.03	6945.03	-682.20	-8953.71	-9.84	9614.81	140.73	68.66	PASS	
7125.00†	7019.34	305.39	543.69	7013.34	7019.34	-682.20	-8953.71	-10.10	9548.61	144.56	66.37	PASS	
7225.00†	7082.33	306.35	466.16	7076.33	7082.33	-682.20	-8953.71	-11.16	9471.60	147.74	64.41	PASS	
7325.00†	7132.43	306.53	379.73	7126.43	7132.43	-682.20	-8953.71	-13.48	9385.66	150.22	62.77	PASS	
7425.00†	7168.40	305.93	286.54	7162.40	7168.40	-682.20	-8953.71	-18.66	9292.93	151.96	61.44	PASS	
7525.00†	7189.38	304.57	188.88	7183.38	7189.38	-682.20	-8953.71	-34.22	9195.68	152.95	60.40	PASS	
7613.44	7195.00	302.75	100.71	7189.00	7195.00	-682.20	-8953.71	-93.86	9107.83	153.23	59.71	PASS	
7625.00†	7194.93	302.47	89.15	7188.93	7194.93	-682.20	-8953.71	-93.86	9096.31	153.23	59.63	PASS	
7725.00†	7194.36	300.10	-10.82	7188.36	7194.36	-682.20	-8953.71	-93.81	8996.68	153.24	58.98	PASS	
7825.00†	7193.79	297.73	-110.79	7187.79	7193.79	-682.20	-8953.71	-93.77	8897.05	153.25	58.32	PASS	
7925.00†	7193.22	295.36	-210.76	7187.22	7193.22	-682.20	-8953.71	-93.73	8797.43	153.27	57.66	PASS	
8025.00†	7192.64	292.99	-310.73	7186.64	7192.64	-682.20	-8953.71	-93.69	8697.82	153.29	57.00	PASS	
8125.00†	7192.07	290.63	-410.70	7186.07	7192.07	-682.20	-8953.71	-93.64	8598.22	153.32	56.34	PASS	
8225.00†	7191.50	288.26	-510.67	7185.50	7191.50	-682.20	-8953.71	-93.60	8498.63	153.36	55.67	PASS	
8325.00†	7190.93	285.89	-610.64	7184.93	7190.93	-682.20	-8953.71	-93.56	8399.05	153.41	55.00	PASS	
8425.00†	7190.35	283.52	-710.61	7184.35	7190.35	-682.20	-8953.71	-93.52	8299.47	153.46	54.33	PASS	
8525.00†	7189.78	281.15	-810.58	7183.78	7189.78	-682.20	-8953.71	-93.47	8199.91	153.53	53.65	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	7183.21	7189.21	-682.20	-8953.71	-93.43	8100.36	153.60	52.98	PASS	
8725.00†	7188.64	276.41	-1010.52	7182.64	7188.64	-682.20	-8953.71	-93.39	8000.82	153.68	52.30	PASS	
8825.00†	7188.06	274.04	-1110.49	7182.06	7188.06	-682.20	-8953.71	-93.35	7901.29	153.77	51.62	PASS	
8925.00†	7187.49	271.67	-1210.46	7181.49	7187.49	-682.20	-8953.71	-93.30	7801.78	153.88	50.93	PASS	
9025.00†	7186.92	269.30	-1310.44	7180.92	7186.92	-682.20	-8953.71	-93.26	7702.27	153.99	50.24	PASS	
9125.00†	7186.34	266.93	-1410.41	7180.34	7186.34	-682.20	-8953.71	-93.22	7602.78	154.12	49.55	PASS	
9225.00†	7185.77	264.56	-1510.38	7179.77	7185.77	-682.20	-8953.71	-93.18	7503.31	154.26	48.86	PASS	
9325.00†	7185.20	262.19	-1610.35	7179.20	7185.20	-682.20	-8953.71	-93.13	7403.84	154.41	48.17	PASS	
9425.00†	7184.63	259.82	-1710.32	7178.63	7184.63	-682.20	-8953.71	-93.09	7304.39	154.57	47.47	PASS	
9525.00†	7184.05	257.45	-1810.29	7178.05	7184.05	-682.20	-8953.71	-93.05	7204.96	154.75	46.77	PASS	
9625.00†	7183.48	255.08	-1910.26	7177.48	7183.48	-682.20	-8953.71	-93.01	7105.54	154.95	46.06	PASS	
9725.00†	7182.91	252.71	-2010.23	7176.91	7182.91	-682.20	-8953.71	-92.96	7006.14	155.16	45.36	PASS	
9825.00†	7182.34	250.34	-2110.20	7176.34	7182.34	-682.20	-8953.71	-92.92	6906.76	155.39	44.65	PASS	
9925.00†	7181.76	247.97	-2210.17	7175.76	7181.76	-682.20	-8953.71	-92.88	6807.39	155.63	43.93	PASS	
10025.00†	7181.19	245.60	-2310.14	7175.19	7181.19	-682.20	-8953.71	-92.84	6708.05	155.90	43.22	PASS	
10125.00†	7180.62	243.23	-2410.11	7174.62	7180.62	-682.20	-8953.71	-92.79	6608.72	156.19	42.50	PASS	
10225.00†	7180.05	240.86	-2510.08	7174.05	7180.05	-682.20	-8953.71	-92.75	6509.41	156.49	41.78	PASS	
10325.00†	7179.47	238.49	-2610.05	7173.47	7179.47	-682.20	-8953.71	-92.71	6410.13	156.82	41.06	PASS	
10425.00†	7178.90	236.12	-2710.02	7172.90	7178.90	-682.20	-8953.71	-92.67	6310.86	157.17	40.33	PASS	
10525.00†	7178.33	233.75	-2809.99	7172.33	7178.33	-682.20	-8953.71	-92.62	6211.62	157.55	39.60	PASS	
10625.00†	7177.76	231.38	-2909.96	7171.76	7177.76	-682.20	-8953.71	-92.58	6112.41	157.95	38.87	PASS	
10725.00†	7177.18	229.01	-3009.93	7171.18	7177.18	-682.20	-8953.71	-92.54	6013.22	158.39	38.13	PASS	
10825.00†	7176.61	226.64	-3109.90	7170.61	7176.61	-682.20	-8953.71	-92.50	5914.06	158.85	37.39	PASS	
10925.00†	7176.04	224.27	-3209.87	7170.04	7176.04	-682.20	-8953.71	-92.45	5814.93	159.34	36.65	PASS	
11025.00†	7175.47	221.90	-3309.84	7169.47	7175.47	-682.20	-8953.71	-92.41	5715.83	159.86	35.91	PASS	
11125.00†	7174.89	219.53	-3409.81	7168.89	7174.89	-682.20	-8953.71	-92.37	5616.76	160.42	35.16	PASS	
11225.00†	7174.32	217.16	-3509.78	7168.32	7174.32	-682.20	-8953.71	-92.33	5517.72	161.02	34.41	PASS	
11325.00†	7173.75	214.79	-3609.75	7167.75	7173.75	-682.20	-8953.71	-92.28	5418.72	161.66	33.66	PASS	
11425.00†	7173.17	212.42	-3709.72	7167.17	7173.17	-682.20	-8953.71	-92.24	5319.75	162.34	32.91	PASS	
11525.00†	7172.60	210.06	-3809.69	7166.60	7172.60	-682.20	-8953.71	-92.20	5220.83	163.06	32.15	PASS	
11625.00†	7172.03	207.69	-3909.66	7166.03	7172.03	-682.20	-8953.71	-92.16	5121.95	163.83	31.40	PASS	
11725.00†	7171.46	205.32	-4009.63	7165.46	7171.46	-682.20	-8953.71	-92.11	5023.11	164.65	30.64	PASS	
11825.00†	7170.88	202.95	-4109.60	7164.88	7170.88	-682.20	-8953.71	-92.07	4924.31	165.52	29.87	PASS	
11925.00†	7170.31	200.58	-4209.57	7164.31	7170.31	-682.20	-8953.71	-92.03	4825.57	166.45	29.11	PASS	
12025.00†	7169.74	198.21	-4309.54	7163.74	7169.74	-682.20	-8953.71	-91.99	4726.88	167.44	28.35	PASS	
12125.00†	7169.17	195.84	-4409.51	7163.17	7169.17	-682.20	-8953.71	-91.94	4628.25	168.49	27.58	PASS	
12225.00†	7168.59	193.47	-4509.48	7162.59	7168.59	-682.20	-8953.71	-91.90	4529.67	169.62	26.81	PASS	
12325.00†	7168.02	191.10	-4609.45	7162.02	7168.02	-682.20	-8953.71	-91.86	4431.16	170.81	26.05	PASS	
12425.00†	7167.45	188.73	-4709.42	7161.45	7167.45	-682.20	-8953.71	-91.82	4332.72	172.08	25.28	PASS	
12525.00†	7166.88	186.36	-4809.39	7160.88	7166.88	-682.20	-8953.71	-91.77	4234.35	173.44	24.51	PASS	
12625.00†	7166.30	183.99	-4909.37	7160.30	7166.30	-682.20	-8953.71	-91.73	4136.06	174.89	23.74	PASS	
12725.00†	7165.73	181.62	-5009.34	7159.73	7165.73	-682.20	-8953.71	-91.69	4037.86	176.43	22.98	PASS	
12825.00†	7165.16	179.25	-5109.31	7159.16	7165.16	-682.20	-8953.71	-91.65	3939.74	178.07	22.21	PASS	
12925.00†	7164.59	176.88	-5209.28	7158.59	7164.59	-682.20	-8953.71	-91.60	3841.72	179.82	21.44	PASS	
13025.00†	7164.01	174.51	-5309.25	7158.01	7164.01	-682.20	-8953.71	-91.56	3743.80	181.70	20.68	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
13125.00†	7163.44	172.14	-5409.22	7157.44	7163.44	-682.20	-8953.71	-91.52	3646.00	183.70	19.92	PASS	
13225.00†	7162.87	169.77	-5509.19	7156.87	7162.87	-682.20	-8953.71	-91.48	3548.32	185.84	19.16	PASS	
13325.00†	7162.30	167.40	-5609.16	7156.30	7162.30	-682.20	-8953.71	-91.43	3450.78	188.12	18.41	PASS	
13425.00†	7161.72	165.03	-5709.13	7155.72	7161.72	-682.20	-8953.71	-91.39	3353.37	190.57	17.66	PASS	
13525.00†	7161.15	162.66	-5809.10	7155.15	7161.15	-682.20	-8953.71	-91.35	3256.13	193.19	16.91	PASS	
13625.00†	7160.58	160.29	-5909.07	7154.58	7160.58	-682.20	-8953.71	-91.31	3159.06	196.01	16.17	PASS	
13725.00†	7160.00	157.92	-6009.04	7154.00	7160.00	-682.20	-8953.71	-91.26	3062.17	199.03	15.44	PASS	
13825.00†	7159.43	155.55	-6109.01	7153.43	7159.43	-682.20	-8953.71	-91.22	2965.49	202.28	14.71	PASS	
13925.00†	7158.86	153.18	-6208.98	7152.86	7158.86	-682.20	-8953.71	-91.18	2869.04	205.77	13.99	PASS	
14025.00†	7158.29	150.81	-6308.95	7152.29	7158.29	-682.20	-8953.71	-91.14	2772.85	209.54	13.27	PASS	
14125.00†	7157.71	148.44	-6408.92	7151.71	7157.71	-682.20	-8953.71	-91.09	2676.93	213.60	12.57	PASS	
14225.00†	7157.14	146.07	-6508.89	7151.14	7157.14	-682.20	-8953.71	-91.05	2581.31	217.99	11.88	PASS	
14325.00†	7156.57	143.70	-6608.86	7150.57	7156.57	-682.20	-8953.71	-91.01	2486.05	222.75	11.19	PASS	
14425.00†	7156.00	141.33	-6708.83	7150.00	7156.00	-682.20	-8953.71	-90.96	2391.17	227.90	10.52	PASS	
14525.00†	7155.42	138.96	-6808.80	7149.42	7155.42	-682.20	-8953.71	-90.92	2296.73	233.50	9.86	PASS	
14625.00†	7154.85	136.59	-6908.77	7148.85	7154.85	-682.20	-8953.71	-90.88	2202.77	239.60	9.22	PASS	
14725.00†	7154.28	134.22	-7008.74	7148.28	7154.28	-682.20	-8953.71	-90.84	2109.37	246.25	8.59	PASS	
14825.00†	7153.71	131.85	-7108.71	7147.71	7153.71	-682.20	-8953.71	-90.79	2016.61	253.51	7.97	PASS	
14925.00†	7153.13	129.49	-7208.68	7147.13	7153.13	-682.20	-8953.71	-90.75	1924.57	261.47	7.38	PASS	
15025.00†	7152.56	127.12	-7308.65	7146.56	7152.56	-682.20	-8953.71	-90.71	1833.36	270.20	6.80	PASS	
15125.00†	7151.99	124.75	-7408.62	7145.99	7151.99	-682.20	-8953.71	-90.67	1743.12	279.80	6.24	PASS	
15225.00†	7151.42	122.38	-7508.59	7145.42	7151.42	-682.20	-8953.71	-90.62	1654.00	290.38	5.71	PASS	
15325.00†	7150.84	120.01	-7608.56	7144.84	7150.84	-682.20	-8953.71	-90.58	1566.19	302.06	5.19	PASS	
15425.00†	7150.27	117.64	-7708.53	7144.27	7150.27	-682.20	-8953.71	-90.54	1479.93	314.98	4.71	PASS	
15525.00†	7149.70	115.27	-7808.50	7143.70	7149.70	-682.20	-8953.71	-90.50	1395.51	329.26	4.25	PASS	
15625.00†	7149.13	112.90	-7908.47	7143.13	7149.13	-682.20	-8953.71	-90.45	1313.28	345.05	3.81	PASS	
15725.00†	7148.55	110.53	-8008.44	7142.55	7148.55	-682.20	-8953.71	-90.41	1233.67	362.47	3.41	PASS	
15825.00†	7147.98	108.16	-8108.41	7141.98	7147.98	-682.20	-8953.71	-90.37	1157.23	381.63	3.04	PASS	
15925.00†	7147.41	105.79	-8208.38	7141.41	7147.41	-682.20	-8953.71	-90.33	1084.64	402.52	2.70	PASS	
16025.00†	7146.84	103.42	-8308.35	7140.84	7146.84	-682.20	-8953.71	-90.28	1016.70	425.03	2.39	PASS	
16125.00†	7146.26	101.05	-8408.32	7140.26	7146.26	-682.20	-8953.71	-90.24	954.42	448.82	2.13	PASS	
16225.00†	7145.69	98.68	-8508.30	7139.69	7145.69	-682.20	-8953.71	-90.20	898.98	473.23	1.90	PASS	
16325.00†	7145.12	96.31	-8608.27	7139.12	7145.12	-682.20	-8953.71	-90.16	851.71	497.17	1.71	PASS	
16425.00†	7144.54	93.94	-8708.24	7138.54	7144.54	-682.20	-8953.71	-90.11	814.03	519.13	1.57	PASS	
16525.00†	7143.97	91.57	-8808.21	7137.97	7143.97	-682.20	-8953.71	-90.07	787.33	537.26	1.47	PASS	
16625.00†	7143.40	89.20	-8908.18	7137.40	7143.40	-682.20	-8953.71	-90.03	772.74	549.73	1.41	PASS	
16687.50†	7143.04	87.72	-8970.66	7137.50	7143.50	-682.20	-8953.71	-90.04	770.10	554.06	1.39	PASS	
16715.66†	7142.88	87.05	-8998.81	7136.88	7142.88	-682.20	-8953.71	-89.99	770.57	555.04	1.39	PASS	
16725.00†	7142.83	86.83	-9008.15	7136.83	7142.83	-682.20	-8953.71	-89.99	770.95	555.25	1.39	PASS	
16825.00†	7142.25	84.46	-9108.12	7136.25	7142.25	-682.20	-8953.71	-89.94	782.05	553.42	1.41	PASS	
16925.00†	7141.68	82.09	-9208.09	7135.68	7141.68	-682.20	-8953.71	-89.90	805.51	544.94	1.48	PASS	
17025.00†	7141.11	79.72	-9308.06	7135.11	7141.11	-682.20	-8953.71	-89.86	840.29	531.24	1.58	PASS	
17125.00†	7140.54	77.35	-9408.03	7134.54	7140.54	-682.20	-8953.71	-89.81	885.05	514.08	1.72	PASS	
17225.00†	7139.96	74.98	-9508.00	7133.96	7139.96	-682.20	-8953.71	-89.77	938.38	495.08	1.90	PASS	
17325.00†	7139.39	72.61	-9607.97	7133.39	7139.39	-682.20	-8953.71	-89.73	998.90	475.53	2.10	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

**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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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

Facility: SEC.21-T06N-R66W Slot: SLOTH22 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	-139.90	-1.11	-179.54	139.90	1.56	231.56	PASS	
125.00†	125.00	0.00	0.00	125.00	125.00	-139.90	-1.11	-179.54	139.90	1.88	150.84	PASS	
200.00	200.00	0.00	0.00	200.00	200.00	-139.90	-1.11	-179.54	139.90	2.31	103.52	PASS	
225.00†	225.00	0.04	0.10	225.00	225.00	-139.90	-1.11	111.72	139.94	2.45	93.66	PASS	
325.00†	324.96	0.99	2.54	324.09	324.09	-139.97	-1.05	112.65	141.01	3.10	65.52	PASS	
425.00†	424.77	3.20	8.23	420.42	420.39	-141.80	0.55	114.07	145.27	4.05	46.82	PASS	
525.00†	524.30	6.67	17.17	516.44	516.24	-146.05	4.26	115.60	153.48	5.18	36.18	PASS	
569.36	568.34	8.61	22.16	558.88	558.53	-148.70	6.58	116.28	158.39	5.62	33.79	PASS	
625.00†	623.52	11.20	28.83	611.99	611.37	-152.68	10.05	117.09	165.40	6.12	31.89	PASS	
725.00†	722.69	15.86	40.82	707.08	705.72	-161.65	17.88	117.77	179.78	6.97	29.77	PASS	
825.00†	821.86	20.51	52.80	801.57	799.01	-172.89	27.69	117.66	196.35	7.82	28.52	PASS	
925.00†	921.03	25.17	64.79	897.81	893.58	-186.35	39.44	117.02	214.79	8.56	28.13	PASS	
1025.00†	1020.20	29.82	76.77	996.02	990.02	-200.32	51.65	116.40	233.47	9.27	27.98	PASS	
1125.00†	1119.37	34.48	88.76	1094.23	1086.46	-214.30	63.85	115.88	252.18	10.00	27.79	PASS	
1225.00†	1218.54	39.13	100.74	1192.44	1182.90	-228.28	76.06	115.43	270.90	10.76	27.55	PASS	
1325.00†	1317.71	43.79	112.73	1290.65	1279.35	-242.26	88.26	115.04	289.64	11.53	27.33	PASS	
1425.00†	1416.88	48.44	124.71	1388.86	1375.79	-256.23	100.47	114.69	308.39	12.30	27.11	PASS	
1525.00†	1516.05	53.10	136.70	1487.07	1472.23	-270.21	112.67	114.39	327.15	13.09	26.90	PASS	
1625.00†	1615.22	57.75	148.68	1585.29	1568.67	-284.19	124.88	114.11	345.91	13.86	26.74	PASS	
1725.00†	1714.39	62.41	160.67	1683.50	1665.11	-298.16	137.08	113.87	364.69	14.69	26.50	PASS	
1825.00†	1813.56	67.06	172.65	1781.71	1761.55	-312.14	149.29	113.65	383.47	14.93	26.91	PASS	
1925.00†	1912.73	71.72	184.64	1879.92	1858.00	-326.12	161.49	113.45	402.25	15.12	27.86	PASS	
2025.00†	2011.90	76.37	196.62	1978.13	1954.44	-340.10	173.69	113.27	421.04	15.32	28.76	PASS	
2125.00†	2111.07	81.03	208.61	2076.34	2050.88	-354.07	185.90	113.10	439.83	15.61	29.48	PASS	
2225.00†	2210.24	85.69	220.59	2174.55	2147.32	-368.05	198.10	112.95	458.63	15.96	30.02	PASS	
2325.00†	2309.41	90.34	232.58	2272.76	2243.76	-382.03	210.31	112.81	477.43	16.39	30.41	PASS	
2425.00†	2408.58	95.00	244.56	2370.97	2340.20	-396.01	222.51	112.68	496.23	16.87	30.65	PASS	
2525.00†	2507.75	99.65	256.55	2469.18	2436.65	-409.98	234.72	112.56	515.03	17.42	30.78	PASS	
2625.00†	2606.92	104.31	268.53	2567.39	2533.09	-423.96	246.92	112.44	533.84	18.02	30.80	PASS	
2725.00†	2706.09	108.96	280.52	2665.60	2629.53	-437.94	259.13	112.34	552.65	18.66	30.75	PASS	
2825.00†	2805.26	113.62	292.50	2763.81	2725.97	-451.92	271.33	112.24	571.46	19.35	30.62	PASS	
2925.00†	2904.43	118.27	304.49	2862.02	2822.41	-465.89	283.54	112.15	590.27	20.08	30.43	PASS	
3025.00†	3003.60	122.93	316.47	2960.23	2918.85	-479.87	295.74	112.07	609.08	20.84	30.22	PASS	
3125.00†	3102.77	127.58	328.46	3058.44	3015.30	-493.85	307.95	111.98	627.89	21.63	29.97	PASS	
3225.00†	3201.94	132.24	340.44	3156.66	3111.74	-507.83	320.15	111.91	646.71	22.45	29.71	PASS	
3325.00†	3301.11	136.89	352.43	3254.87	3208.18	-521.80	332.35	111.84	665.52	23.29	29.44	PASS	
3425.00†	3400.28	141.55	364.41	3353.08	3304.62	-535.78	344.56	111.77	684.34	24.16	29.16	PASS	
3525.00†	3499.45	146.21	376.40	3451.29	3401.06	-549.76	356.76	111.71	703.16	25.04	28.87	PASS	
3625.00†	3598.62	150.86	388.39	3549.50	3497.51	-563.74	368.97	111.64	721.98	25.94	28.59	PASS	
3725.00†	3697.79	155.52	400.37	3647.71	3593.95	-577.71	381.17	111.59	740.79	26.85	28.31	PASS	
3825.00†	3796.96	160.17	412.36	3745.92	3690.39	-591.69	393.38	111.53	759.61	27.78	28.03	PASS	
3925.00†	3896.13	164.83	424.34	3844.13	3786.83	-605.67	405.58	111.48	778.43	28.72	27.76	PASS	
4025.00†	3995.30	169.48	436.33	3942.34	3883.27	-619.65	417.79	111.43	797.25	29.68	27.50	PASS	
4125.00†	4094.47	174.14	448.31	4040.55	3979.71	-633.62	429.99	111.38	816.08	30.64	27.24	PASS	
4225.00†	4193.64	178.79	460.30	4138.76	4076.16	-647.60	442.20	111.34	834.90	31.61	26.99	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: DONN 5N-20C-L PWB Offset Wellpath: DONN 5N-20C-L PWP (REV-A.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†	4292.81	183.45	472.28	4236.97	4172.60	-661.58	454.40	111.29	853.72	32.59	26.75	PASS	
4425.00†	4391.98	188.10	484.27	4335.18	4269.04	-675.55	466.60	111.25	872.54	33.58	26.52	PASS	
4525.00†	4491.15	192.76	496.25	4433.39	4365.48	-689.53	478.81	111.21	891.37	34.58	26.30	PASS	
4625.00†	4590.32	197.41	508.24	4531.60	4461.92	-703.51	491.01	111.18	910.19	35.58	26.08	PASS	
4725.00†	4689.49	202.07	520.22	4629.82	4558.36	-717.49	503.22	111.14	929.01	36.59	25.87	PASS	
4825.00†	4788.66	206.73	532.21	4728.03	4654.81	-731.46	515.42	111.10	947.84	37.60	25.67	PASS	
4925.00†	4887.83	211.38	544.19	4826.24	4751.25	-745.44	527.63	111.07	966.66	38.62	25.48	PASS	
5025.00†	4987.00	216.04	556.18	4924.45	4847.69	-759.42	539.83	111.04	985.49	39.64	25.29	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-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 5N-20C-L PWB Offset Wellpath: DONN 5N-20C-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	1730.42	-85.28	-0.68	-136.41	43.96
9.625in Casing Surface	25.00	1750.00	1725.00	25.00	1730.42	-85.28	-0.68	-136.41	43.96
8.5in Open Hole	1750.00	17865.16	16115.16	1730.42	7030.00	-136.41	43.96	-451.43	-3111.10

## SURVEY PROGRAM - Offset Wellbore: DONN 5N-20C-L PWB Offset Wellpath: DONN 5N-20C-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 (IFR1, Standard Rotating+Axial Cor) (Rockies 0.03Gt model)		DONN 5N-20C-L PWB
1750.00	17865.16	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-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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-91.60	-10857.20	-90.48	10857.59	50.25	220.29	PASS	
125.00†	125.00	0.00	0.00	139.00	125.00	-91.60	-10857.20	-90.48	10857.59	50.74	218.11	PASS	
200.00	200.00	0.00	0.00	214.00	200.00	-91.60	-10857.20	-90.48	10857.59	51.55	214.63	PASS	
225.00†	225.00	0.04	0.10	239.00	225.00	-91.60	-10857.20	-159.26	10857.69	51.96	212.89	PASS	
325.00†	324.96	0.99	2.54	338.96	324.96	-91.60	-10857.20	-159.24	10860.14	53.87	205.26	PASS	
425.00†	424.77	3.20	8.23	438.77	424.77	-91.60	-10857.20	-159.21	10865.85	56.36	196.12	PASS	
525.00†	524.30	6.67	17.17	538.30	524.30	-91.60	-10857.20	-159.17	10874.81	59.28	186.46	PASS	
569.36	568.34	8.61	22.16	582.34	568.34	-91.60	-10857.20	-159.14	10879.83	60.67	182.22	PASS	
625.00†	623.52	11.20	28.83	637.52	623.52	-91.60	-10857.20	-159.16	10886.52	62.49	176.94	PASS	
725.00†	722.69	15.86	40.82	736.69	722.69	-91.60	-10857.20	-159.18	10898.55	65.92	167.76	PASS	
825.00†	821.86	20.51	52.80	835.86	821.86	-91.60	-10857.20	-159.20	10910.58	69.56	159.04	PASS	
925.00†	921.03	25.17	64.79	935.03	921.03	-91.60	-10857.20	-159.23	10922.61	73.34	150.89	PASS	
1025.00†	1020.20	29.82	76.77	1034.20	1020.20	-91.60	-10857.20	-159.25	10934.65	77.25	143.32	PASS	
1125.00†	1119.37	34.48	88.76	1133.37	1119.37	-91.60	-10857.20	-159.28	10946.68	81.25	136.33	PASS	
1225.00†	1218.54	39.13	100.74	1232.54	1218.54	-91.60	-10857.20	-159.30	10958.72	85.33	129.88	PASS	
1325.00†	1317.71	43.79	112.73	1331.71	1317.71	-91.60	-10857.20	-159.32	10970.76	89.47	123.94	PASS	
1425.00†	1416.88	48.44	124.71	1430.88	1416.88	-91.60	-10857.20	-159.35	10982.81	93.67	118.46	PASS	
1525.00†	1516.05	53.10	136.70	1530.05	1516.05	-91.60	-10857.20	-159.37	10994.85	97.91	113.40	PASS	
1625.00†	1615.22	57.75	148.68	1629.22	1615.22	-91.60	-10857.20	-159.39	11006.90	102.19	108.73	PASS	
1725.00†	1714.39	62.41	160.67	1728.39	1714.39	-91.60	-10857.20	-159.42	11018.95	106.50	104.40	PASS	
1825.00†	1813.56	67.06	172.65	1827.56	1813.56	-91.60	-10857.20	-159.44	11031.00	110.54	100.43	PASS	
1925.00†	1912.73	71.72	184.64	1926.73	1912.73	-91.60	-10857.20	-159.46	11043.05	114.83	96.76	PASS	
2025.00†	2011.90	76.37	196.62	2025.90	2011.90	-91.60	-10857.20	-159.49	11055.10	119.14	93.34	PASS	
2125.00†	2111.07	81.03	208.61	2125.07	2111.07	-91.60	-10857.20	-159.51	11067.16	123.48	90.14	PASS	
2225.00†	2210.24	85.69	220.59	2224.24	2210.24	-91.60	-10857.20	-159.53	11079.21	127.85	87.14	PASS	
2325.00†	2309.41	90.34	232.58	2323.41	2309.41	-91.60	-10857.20	-159.56	11091.27	132.23	84.32	PASS	
2425.00†	2408.58	95.00	244.56	2422.58	2408.58	-91.60	-10857.20	-159.58	11103.33	136.64	81.68	PASS	
2525.00†	2507.75	99.65	256.55	2521.75	2507.75	-91.60	-10857.20	-159.60	11115.39	141.07	79.18	PASS	
2625.00†	2606.92	104.31	268.53	2620.92	2606.92	-91.60	-10857.20	-159.63	11127.46	145.52	76.84	PASS	
2725.00†	2706.09	108.96	280.52	2720.09	2706.09	-91.60	-10857.20	-159.65	11139.53	149.99	74.62	PASS	
2825.00†	2805.26	113.62	292.50	2819.26	2805.26	-91.60	-10857.20	-159.67	11151.59	154.47	72.52	PASS	
2925.00†	2904.43	118.27	304.49	2918.43	2904.43	-91.60	-10857.20	-159.70	11163.66	158.97	70.54	PASS	
3025.00†	3003.60	122.93	316.47	3017.60	3003.60	-91.60	-10857.20	-159.72	11175.73	163.48	68.65	PASS	
3125.00†	3102.77	127.58	328.46	3116.77	3102.77	-91.60	-10857.20	-159.74	11187.81	168.01	66.87	PASS	
3225.00†	3201.94	132.24	340.44	3215.94	3201.94	-91.60	-10857.20	-159.76	11199.88	172.56	65.17	PASS	
3325.00†	3301.11	136.89	352.43	3315.11	3301.11	-91.60	-10857.20	-159.79	11211.96	177.12	63.55	PASS	
3425.00†	3400.28	141.55	364.41	3414.28	3400.28	-91.60	-10857.20	-159.81	11224.04	181.69	62.01	PASS	
3525.00†	3499.45	146.21	376.40	3513.45	3499.45	-91.60	-10857.20	-159.83	11236.12	186.28	60.55	PASS	
3625.00†	3598.62	150.86	388.39	3612.62	3598.62	-91.60	-10857.20	-159.85	11248.20	190.87	59.15	PASS	
3725.00†	3697.79	155.52	400.37	3711.79	3697.79	-91.60	-10857.20	-159.88	11260.28	195.48	57.81	PASS	
3825.00†	3796.96	160.17	412.36	3810.96	3796.96	-91.60	-10857.20	-159.90	11272.37	200.10	56.53	PASS	
3925.00†	3896.13	164.83	424.34	3910.13	3896.13	-91.60	-10857.20	-159.92	11284.45	204.74	55.30	PASS	
4025.00†	3995.30	169.48	436.33	4009.30	3995.30	-91.60	-10857.20	-159.94	11296.54	209.38	54.13	PASS	
4125.00†	4094.47	174.14	448.31	4108.47	4094.47	-91.60	-10857.20	-159.97	11308.63	214.03	53.01	PASS	
4225.00†	4193.64	178.79	460.30	4207.64	4193.64	-91.60	-10857.20	-159.99	11320.73	218.70	51.93	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: EX. POPE 19-1G6 AWP 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†	4292.81	183.45	472.28	4306.81	4292.81	-91.60	-10857.20	-160.01	11332.82	223.37	50.89	PASS
4425.00†	4391.98	188.10	484.27	4405.98	4391.98	-91.60	-10857.20	-160.03	11344.91	228.05	49.90	PASS
4525.00†	4491.15	192.76	496.25	4505.15	4491.15	-91.60	-10857.20	-160.05	11357.01	232.75	48.94	PASS
4625.00†	4590.32	197.41	508.24	4604.32	4590.32	-91.60	-10857.20	-160.08	11369.11	237.45	48.02	PASS
4725.00†	4689.49	202.07	520.22	4703.49	4689.49	-91.60	-10857.20	-160.10	11381.21	242.16	47.13	PASS
4825.00†	4788.66	206.73	532.21	4802.66	4788.66	-91.60	-10857.20	-160.12	11393.31	246.87	46.28	PASS
4925.00†	4887.83	211.38	544.19	4901.83	4887.83	-91.60	-10857.20	-160.14	11405.42	251.60	45.46	PASS
5025.00†	4987.00	216.04	556.18	5001.00	4987.00	-91.60	-10857.20	-160.16	11417.52	256.33	44.66	PASS
5125.00†	5086.17	220.69	568.16	5100.16	5086.16	-91.60	-10857.20	-160.19	11429.63	261.07	43.90	PASS
5225.00†	5185.33	225.35	580.15	5199.34	5185.34	-91.60	-10857.20	-160.21	11441.74	265.82	43.16	PASS
5325.00†	5284.50	230.00	592.13	5298.51	5284.51	-91.60	-10857.20	-160.23	11453.85	270.58	42.44	PASS
5425.00†	5383.67	234.66	604.12	5397.67	5383.67	-91.60	-10857.20	-160.25	11465.96	275.34	41.76	PASS
5525.00†	5482.84	239.31	616.10	5496.84	5482.84	-91.60	-10857.20	-160.27	11478.07	280.11	41.08	PASS
5625.00†	5582.01	243.97	628.09	5596.01	5582.01	-91.60	-10857.20	-160.29	11490.19	284.88	40.43	PASS
5725.00†	5681.18	248.62	640.07	5695.18	5681.18	-91.60	-10857.20	-160.32	11502.30	289.66	39.80	PASS
5825.00†	5780.35	253.28	652.06	5794.35	5780.35	-91.60	-10857.20	-160.34	11514.42	294.45	39.20	PASS
5925.00†	5879.52	257.93	664.04	5893.52	5879.52	-91.60	-10857.20	-160.36	11526.54	299.24	38.61	PASS
6025.00†	5978.69	262.59	676.03	5992.69	5978.69	-91.60	-10857.20	-160.38	11538.66	304.04	38.04	PASS
6125.00†	6077.86	267.25	688.01	6091.86	6077.86	-91.60	-10857.20	-160.40	11550.79	308.84	37.48	PASS
6225.00†	6177.03	271.90	700.00	6191.03	6177.03	-91.60	-10857.20	-160.42	11562.91	313.65	36.96	PASS
6325.00†	6276.20	276.56	711.98	6290.20	6276.20	-91.60	-10857.20	-160.45	11575.04	318.46	36.43	PASS
6425.00†	6375.37	281.21	723.97	6389.37	6375.37	-91.60	-10857.20	-160.47	11587.17	323.28	35.92	PASS
6525.00†	6474.54	285.87	735.95	6488.54	6474.54	-91.60	-10857.20	-160.49	11599.30	328.11	35.43	PASS
6532.63	6482.11	286.22	736.87	6496.11	6482.11	-91.60	-10857.20	-160.49	11600.22	328.47	35.39	PASS
6625.00†	6574.20	290.39	741.26	6588.20	6574.20	-91.60	-10857.20	-62.10	11604.75	332.95	34.93	PASS
6725.00†	6673.48	294.52	730.94	6687.48	6673.48	-91.60	-10857.20	-14.34	11594.58	338.01	34.37	PASS
6825.00†	6769.94	298.18	705.22	6783.94	6769.94	-91.60	-10857.20	-8.20	11568.99	343.50	33.75	PASS
6925.00†	6861.20	301.25	664.71	6875.20	6861.20	-91.60	-10857.20	-5.99	11528.61	348.52	33.14	PASS
7025.00†	6945.03	303.68	610.42	6959.03	6945.03	-91.60	-10857.20	-4.95	11474.43	353.04	32.57	PASS
7125.00†	7019.34	305.39	543.69	7033.34	7019.34	-91.60	-10857.20	-4.43	11407.80	356.96	32.02	PASS
7225.00†	7082.33	306.35	466.16	7096.33	7082.33	-91.60	-10857.20	-4.24	11330.35	360.20	31.52	PASS
7325.00†	7132.43	306.53	379.73	7146.43	7132.43	-91.60	-10857.20	-4.38	11243.98	362.72	31.06	PASS
7425.00†	7168.40	305.93	286.54	7182.40	7168.40	-91.60	-10857.20	-5.07	11150.83	364.48	30.65	PASS
7525.00†	7189.38	304.57	188.88	7203.38	7189.38	-91.60	-10857.20	-7.86	11053.18	365.48	30.30	PASS
7613.44	7195.00	302.75	100.71	7209.00	7195.00	-91.60	-10857.20	-115.01	10965.00	365.75	30.04	PASS
7625.00†	7194.93	302.47	89.15	7208.93	7194.93	-91.60	-10857.20	-114.99	10953.44	365.74	30.00	PASS
7725.00†	7194.36	300.10	-10.82	7208.36	7194.36	-91.60	-10857.20	-114.79	10853.45	365.72	29.73	PASS
7825.00†	7193.79	297.73	-110.79	7207.79	7193.79	-91.60	-10857.20	-114.59	10753.46	365.70	29.46	PASS
7925.00†	7193.22	295.36	-210.76	7207.22	7193.22	-91.60	-10857.20	-114.38	10653.47	365.68	29.19	PASS
8025.00†	7192.64	292.99	-310.73	7206.64	7192.64	-91.60	-10857.20	-114.18	10553.48	365.66	28.92	PASS
8125.00†	7192.07	290.63	-410.70	7206.07	7192.07	-91.60	-10857.20	-113.98	10453.49	365.64	28.64	PASS
8225.00†	7191.50	288.26	-510.67	7205.50	7191.50	-91.60	-10857.20	-113.77	10353.50	365.63	28.37	PASS
8325.00†	7190.93	285.89	-610.64	7204.93	7190.93	-91.60	-10857.20	-113.57	10253.51	365.62	28.10	PASS
8425.00†	7190.35	283.52	-710.61	7204.35	7190.35	-91.60	-10857.20	-113.37	10153.52	365.60	27.82	PASS
8525.00†	7189.78	281.15	-810.58	7203.78	7189.78	-91.60	-10857.20	-113.16	10053.53	365.59	27.55	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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

Facility: SEC.19-T06N-R66W Slot: SLOT#02 EX. POPE 19-1G6 (661'FNL & 538'FEL, PR, COWL) 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†	7189.21	278.78	-910.55	7203.21	7189.21	-91.60	-10857.20	-112.95	9953.54	365.58	27.28	PASS	
8725.00†	7188.64	276.41	-1010.52	7202.64	7188.64	-91.60	-10857.20	-112.75	9853.55	365.57	27.00	PASS	
8825.00†	7188.06	274.04	-1110.49	7202.06	7188.06	-91.60	-10857.20	-112.54	9753.56	365.57	26.73	PASS	
8925.00†	7187.49	271.67	-1210.46	7201.49	7187.49	-91.60	-10857.20	-112.33	9653.57	365.56	26.46	PASS	
9025.00†	7186.92	269.30	-1310.44	7200.92	7186.92	-91.60	-10857.20	-112.12	9553.58	365.56	26.18	PASS	
9125.00†	7186.34	266.93	-1410.41	7200.34	7186.34	-91.60	-10857.20	-111.91	9453.60	365.56	25.91	PASS	
9225.00†	7185.77	264.56	-1510.38	7199.77	7185.77	-91.60	-10857.20	-111.70	9353.61	365.55	25.64	PASS	
9325.00†	7185.20	262.19	-1610.35	7199.20	7185.20	-91.60	-10857.20	-111.49	9253.62	365.56	25.36	PASS	
9425.00†	7184.63	259.82	-1710.32	7198.63	7184.63	-91.60	-10857.20	-111.28	9153.63	365.56	25.09	PASS	
9525.00†	7184.05	257.45	-1810.29	7198.05	7184.05	-91.60	-10857.20	-111.07	9053.64	365.56	24.81	PASS	
9625.00†	7183.48	255.08	-1910.26	7197.48	7183.48	-91.60	-10857.20	-110.85	8953.66	365.57	24.54	PASS	
9725.00†	7182.91	252.71	-2010.23	7196.91	7182.91	-91.60	-10857.20	-110.64	8853.67	365.57	24.26	PASS	
9825.00†	7182.34	250.34	-2110.20	7196.34	7182.34	-91.60	-10857.20	-110.43	8753.68	365.58	23.99	PASS	
9925.00†	7181.76	247.97	-2210.17	7195.76	7181.76	-91.60	-10857.20	-110.21	8653.70	365.59	23.71	PASS	
10025.00†	7181.19	245.60	-2310.14	7195.19	7181.19	-91.60	-10857.20	-110.00	8553.71	365.61	23.44	PASS	
10125.00†	7180.62	243.23	-2410.11	7194.62	7180.62	-91.60	-10857.20	-109.78	8453.73	365.62	23.16	PASS	
10225.00†	7180.05	240.86	-2510.08	7194.05	7180.05	-91.60	-10857.20	-109.57	8353.74	365.63	22.89	PASS	
10325.00†	7179.47	238.49	-2610.05	7193.47	7179.47	-91.60	-10857.20	-109.35	8253.75	365.65	22.61	PASS	
10425.00†	7178.90	236.12	-2710.02	7192.90	7178.90	-91.60	-10857.20	-109.13	8153.77	365.67	22.34	PASS	
10525.00†	7178.33	233.75	-2809.99	7192.33	7178.33	-91.60	-10857.20	-108.91	8053.79	365.69	22.06	PASS	
10625.00†	7177.76	231.38	-2909.96	7191.76	7177.76	-91.60	-10857.20	-108.70	7953.80	365.71	21.79	PASS	
10725.00†	7177.18	229.01	-3009.93	7191.18	7177.18	-91.60	-10857.20	-108.48	7853.82	365.73	21.51	PASS	
10825.00†	7176.61	226.64	-3109.90	7190.61	7176.61	-91.60	-10857.20	-108.26	7753.83	365.76	21.24	PASS	
10925.00†	7176.04	224.27	-3209.87	7190.04	7176.04	-91.60	-10857.20	-108.04	7653.85	365.79	20.96	PASS	
11025.00†	7175.47	221.90	-3309.84	7189.47	7175.47	-91.60	-10857.20	-107.82	7553.87	365.82	20.69	PASS	
11125.00†	7174.89	219.53	-3409.81	7188.89	7174.89	-91.60	-10857.20	-107.60	7453.89	365.85	20.41	PASS	
11225.00†	7174.32	217.16	-3509.78	7188.32	7174.32	-91.60	-10857.20	-107.37	7353.90	365.88	20.14	PASS	
11325.00†	7173.75	214.79	-3609.75	7187.75	7173.75	-91.60	-10857.20	-107.15	7253.92	365.92	19.86	PASS	
11425.00†	7173.17	212.42	-3709.72	7187.17	7173.17	-91.60	-10857.20	-106.93	7153.94	365.95	19.58	PASS	
11525.00†	7172.60	210.06	-3809.69	7186.60	7172.60	-91.60	-10857.20	-106.71	7053.96	365.99	19.31	PASS	
11625.00†	7172.03	207.69	-3909.66	7186.03	7172.03	-91.60	-10857.20	-106.48	6953.98	366.03	19.03	PASS	
11725.00†	7171.46	205.32	-4009.63	7185.46	7171.46	-91.60	-10857.20	-106.26	6854.00	366.07	18.76	PASS	
11825.00†	7170.88	202.95	-4109.60	7184.88	7170.88	-91.60	-10857.20	-106.03	6754.02	366.12	18.48	PASS	
11925.00†	7170.31	200.58	-4209.57	7184.31	7170.31	-91.60	-10857.20	-105.81	6654.04	366.17	18.21	PASS	
12025.00†	7169.74	198.21	-4309.54	7183.74	7169.74	-91.60	-10857.20	-105.58	6554.07	366.22	17.93	PASS	
12125.00†	7169.17	195.84	-4409.51	7183.17	7169.17	-91.60	-10857.20	-105.35	6454.09	366.27	17.65	PASS	
12225.00†	7168.59	193.47	-4509.48	7182.59	7168.59	-91.60	-10857.20	-105.13	6354.11	366.32	17.38	PASS	
12325.00†	7168.02	191.10	-4609.45	7182.02	7168.02	-91.60	-10857.20	-104.90	6254.14	366.38	17.10	PASS	
12425.00†	7167.45	188.73	-4709.42	7181.45	7167.45	-91.60	-10857.20	-104.67	6154.16	366.44	16.83	PASS	
12525.00†	7166.88	186.36	-4809.39	7180.88	7166.88	-91.60	-10857.20	-104.44	6054.19	366.50	16.55	PASS	
12625.00†	7166.30	183.99	-4909.37	7180.30	7166.30	-91.60	-10857.20	-104.21	5954.22	366.57	16.27	PASS	
12725.00†	7165.73	181.62	-5009.34	7179.73	7165.73	-91.60	-10857.20	-103.99	5854.24	366.64	16.00	PASS	
12825.00†	7165.16	179.25	-5109.31	7179.16	7165.16	-91.60	-10857.20	-103.76	5754.27	366.71	15.72	PASS	
12925.00†	7164.59	176.88	-5209.28	7178.59	7164.59	-91.60	-10857.20	-103.52	5654.30	366.78	15.44	PASS	
13025.00†	7164.01	174.51	-5309.25	7178.01	7164.01	-91.60	-10857.20	-103.29	5554.33	366.86	15.17	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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

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	
13125.00†	7163.44	172.14	-5409.22	7177.44	7163.44	-91.60	-10857.20	-103.06	5454.36	366.94	14.89	PASS	
13225.00†	7162.87	169.77	-5509.19	7176.87	7162.87	-91.60	-10857.20	-102.83	5354.40	367.03	14.61	PASS	
13325.00†	7162.30	167.40	-5609.16	7176.30	7162.30	-91.60	-10857.20	-102.60	5254.43	367.11	14.34	PASS	
13425.00†	7161.72	165.03	-5709.13	7175.72	7161.72	-91.60	-10857.20	-102.37	5154.47	367.21	14.06	PASS	
13525.00†	7161.15	162.66	-5809.10	7175.15	7161.15	-91.60	-10857.20	-102.13	5054.50	367.31	13.79	PASS	
13625.00†	7160.58	160.29	-5909.07	7174.58	7160.58	-91.60	-10857.20	-101.90	4954.54	367.41	13.51	PASS	
13725.00†	7160.00	157.92	-6009.04	7174.00	7160.00	-91.60	-10857.20	-101.67	4854.58	367.51	13.23	PASS	
13825.00†	7159.43	155.55	-6109.01	7173.43	7159.43	-91.60	-10857.20	-101.43	4754.62	367.63	12.96	PASS	
13925.00†	7158.86	153.18	-6208.98	7172.86	7158.86	-91.60	-10857.20	-101.20	4654.66	367.75	12.68	PASS	
14025.00†	7158.29	150.81	-6308.95	7172.29	7158.29	-91.60	-10857.20	-100.96	4554.71	367.87	12.40	PASS	
14125.00†	7157.71	148.44	-6408.92	7171.71	7157.71	-91.60	-10857.20	-100.73	4454.75	368.00	12.13	PASS	
14225.00†	7157.14	146.07	-6508.89	7171.14	7157.14	-91.60	-10857.20	-100.49	4354.80	368.14	11.86	PASS	
14325.00†	7156.57	143.70	-6608.86	7170.57	7156.57	-91.60	-10857.20	-100.26	4254.85	368.28	11.57	PASS	
14425.00†	7156.00	141.33	-6708.83	7170.00	7156.00	-91.60	-10857.20	-100.02	4154.90	368.44	11.30	PASS	
14525.00†	7155.42	138.96	-6808.80	7169.42	7155.42	-91.60	-10857.20	-99.78	4054.96	368.60	11.02	PASS	
14625.00†	7154.85	136.59	-6908.77	7168.85	7154.85	-91.60	-10857.20	-99.55	3955.02	368.77	10.74	PASS	
14725.00†	7154.28	134.22	-7008.74	7168.28	7154.28	-91.60	-10857.20	-99.31	3855.08	368.96	10.47	PASS	
14825.00†	7153.71	131.85	-7108.71	7167.71	7153.71	-91.60	-10857.20	-99.07	3755.14	369.15	10.19	PASS	
14925.00†	7153.13	129.49	-7208.68	7167.13	7153.13	-91.60	-10857.20	-98.84	3655.21	369.36	9.91	PASS	
15025.00†	7152.56	127.12	-7308.65	7166.56	7152.56	-91.60	-10857.20	-98.60	3555.28	369.59	9.64	PASS	
15125.00†	7151.99	124.75	-7408.62	7165.99	7151.99	-91.60	-10857.20	-98.36	3455.36	369.83	9.36	PASS	
15225.00†	7151.42	122.38	-7508.59	7165.42	7151.42	-91.60	-10857.20	-98.12	3355.44	370.08	9.08	PASS	
15325.00†	7150.84	120.01	-7608.56	7164.84	7150.84	-91.60	-10857.20	-97.88	3255.52	370.36	8.81	PASS	
15425.00†	7150.27	117.64	-7708.53	7164.27	7150.27	-91.60	-10857.20	-97.64	3155.61	370.66	8.53	PASS	
15525.00†	7149.70	115.27	-7808.50	7163.70	7149.70	-91.60	-10857.20	-97.40	3055.71	370.98	8.25	PASS	
15625.00†	7149.13	112.90	-7908.47	7163.13	7149.13	-91.60	-10857.20	-97.16	2955.81	371.34	7.97	PASS	
15725.00†	7148.55	110.53	-8008.44	7162.55	7148.55	-91.60	-10857.20	-96.92	2855.92	371.72	7.70	PASS	
15825.00†	7147.98	108.16	-8108.41	7161.98	7147.98	-91.60	-10857.20	-96.68	2756.04	372.14	7.42	PASS	
15925.00†	7147.41	105.79	-8208.38	7161.41	7147.41	-91.60	-10857.20	-96.44	2656.16	372.61	7.14	PASS	
16025.00†	7146.84	103.42	-8308.35	7160.84	7146.84	-91.60	-10857.20	-96.20	2556.30	373.12	6.86	PASS	
16125.00†	7146.26	101.05	-8408.32	7160.26	7146.26	-91.60	-10857.20	-95.96	2456.44	373.68	6.58	PASS	
16225.00†	7145.69	98.68	-8508.30	7159.69	7145.69	-91.60	-10857.20	-95.72	2356.60	374.31	6.31	PASS	
16325.00†	7145.12	96.31	-8608.27	7159.12	7145.12	-91.60	-10857.20	-95.48	2256.77	375.02	6.03	PASS	
16425.00†	7144.54	93.94	-8708.24	7158.54	7144.54	-91.60	-10857.20	-95.23	2156.96	375.81	5.75	PASS	
16525.00†	7143.97	91.57	-8808.21	7157.97	7143.97	-91.60	-10857.20	-94.99	2057.17	376.70	5.47	PASS	
16625.00†	7143.40	89.20	-8908.18	7157.40	7143.40	-91.60	-10857.20	-94.75	1957.39	377.72	5.19	PASS	
16725.00†	7142.83	86.83	-9008.15	7156.83	7142.83	-91.60	-10857.20	-94.51	1857.64	378.88	4.91	PASS	
16825.00†	7142.25	84.46	-9108.12	7156.25	7142.25	-91.60	-10857.20	-94.27	1757.92	380.21	4.63	PASS	
16925.00†	7141.68	82.09	-9208.09	7155.68	7141.68	-91.60	-10857.20	-94.02	1658.24	381.76	4.35	PASS	
17025.00†	7141.11	79.72	-9308.06	7155.11	7141.11	-91.60	-10857.20	-93.78	1558.59	383.56	4.07	PASS	
17125.00†	7140.54	77.35	-9408.03	7154.54	7140.54	-91.60	-10857.20	-93.54	1458.99	385.69	3.79	PASS	
17225.00†	7139.96	74.98	-9508.00	7153.96	7139.96	-91.60	-10857.20	-93.29	1359.45	388.21	3.51	PASS	
17325.00†	7139.39	72.61	-9607.97	7153.39	7139.39	-91.60	-10857.20	-93.05	1259.98	391.23	3.22	PASS	
17425.00†	7138.82	70.24	-9707.94	7152.82	7138.82	-91.60	-10857.20	-92.81	1160.60	394.90	2.94	PASS	
17525.00†	7138.25	67.87	-9807.91	7152.25	7138.25	-91.60	-10857.20	-92.57	1061.34	399.41	2.66	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

**Clearance Report**  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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

Facility: <b>SEC.19-T06N-R66W</b> Slot: <b>SLOT#02 EX. POPE 19-1G6 (661'FNL &amp; 538'FEL, PR, CODL)</b> Well: <b>EX. POPE 19-1G6</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	
17625.00†	7137.67	65.50	-9907.88	7151.67	7137.67	-91.60	-10857.20	-92.32	962.23	405.03	2.38	PASS	
17725.00†	7137.10	63.13	-10007.85	7151.10	7137.10	-91.60	-10857.20	-92.08	863.33	412.16	2.10	PASS	
17825.00†	7136.53	60.76	-10107.82	7150.53	7136.53	-91.60	-10857.20	-91.84	764.71	421.40	1.82	PASS	
17917.24†	7136.00	58.58	-10200.03	7150.00	7136.00	-91.60	-10857.20	-91.61	674.11	432.59	1.56	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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
25.00	25.00	0.00	0.00	11.28	17.28	1335.53	-5719.13	-76.86	5873.00	50.17	119.34	PASS	
125.00†	125.00	0.00	0.00	70.66	76.66	1335.81	-5719.35	-76.85	5873.48	50.17	119.34	PASS	
200.00	200.00	0.00	0.00	117.25	123.24	1336.32	-5719.75	-76.85	5874.28	50.18	119.34	PASS	
225.00†	225.00	0.04	0.10	133.01	139.01	1336.55	-5719.92	-145.62	5874.72	50.18	119.34	PASS	
325.00†	324.96	0.99	2.54	190.38	196.35	1337.59	-5720.72	-145.57	5878.67	50.21	119.35	PASS	
425.00†	424.77	3.20	8.23	239.02	244.98	1338.33	-5721.86	-145.50	5886.33	50.27	119.36	PASS	
525.00†	524.30	6.67	17.17	281.53	287.47	1338.73	-5723.28	-145.39	5897.73	50.34	119.44	PASS	
569.36	568.34	8.61	22.16	297.74	303.65	1338.74	-5723.99	-145.33	5904.03	50.36	119.51	PASS	
625.00†	623.52	11.20	28.83	317.97	323.86	1338.62	-5725.01	-145.35	5912.57	50.37	119.65	PASS	
725.00†	722.69	15.86	40.82	354.27	360.09	1338.04	-5727.22	-145.38	5928.74	50.39	119.92	PASS	
825.00†	821.86	20.51	52.80	418.11	423.71	1335.68	-5731.95	-145.46	5945.72	50.45	120.13	PASS	
925.00†	921.03	25.17	64.79	609.22	613.65	1320.92	-5746.79	-145.77	5962.21	50.65	119.97	PASS	
1025.00†	1020.20	29.82	76.77	747.44	750.78	1306.64	-5756.55	-146.02	5977.50	50.84	119.84	PASS	
1125.00†	1119.37	34.48	88.76	801.75	804.68	1301.20	-5760.43	-146.12	5993.05	50.93	119.91	PASS	
1225.00†	1218.54	39.13	100.74	883.39	885.78	1294.08	-5766.51	-146.25	6009.19	51.08	119.88	PASS	
1325.00†	1317.71	43.79	112.73	1038.11	1039.71	1282.50	-5776.92	-146.49	6024.92	51.36	119.52	PASS	
1425.00†	1416.88	48.44	124.71	1301.44	1302.44	1270.53	-5789.39	-146.80	6040.13	51.85	118.67	PASS	
1525.00†	1516.05	53.10	136.70	1328.85	1329.82	1269.91	-5790.21	-146.83	6053.40	51.97	118.67	PASS	
1625.00†	1615.22	57.75	148.68	1356.16	1357.10	1269.35	-5791.35	-146.85	6067.83	52.08	118.69	PASS	
1725.00†	1714.39	62.41	160.67	1383.21	1384.11	1268.86	-5792.78	-146.88	6083.44	52.19	118.73	PASS	
1825.00†	1813.56	67.06	172.65	1398.38	1399.25	1268.56	-5793.79	-146.89	6100.30	51.98	118.96	PASS	
1925.00†	1912.73	71.72	184.64	1413.46	1414.27	1268.18	-5795.01	-146.91	6118.51	52.03	119.21	PASS	
2025.00†	2011.90	76.37	196.62	1428.42	1429.16	1267.73	-5796.45	-146.93	6138.06	51.97	119.73	PASS	
2125.00†	2111.07	81.03	208.61	1443.28	1443.91	1267.21	-5798.09	-146.95	6158.94	51.97	120.13	PASS	
2225.00†	2210.24	85.69	220.59	1549.75	1549.50	1262.17	-5810.81	-147.09	6180.49	52.22	119.96	PASS	
2325.00†	2309.41	90.34	232.58	1634.70	1633.59	1256.12	-5821.24	-147.22	6201.97	52.44	119.87	PASS	
2425.00†	2408.58	95.00	244.56	1686.60	1684.77	1250.90	-5828.06	-147.31	6223.89	52.59	119.96	PASS	
2525.00†	2507.75	99.65	256.55	1721.70	1719.27	1246.84	-5833.12	-147.38	6246.74	52.69	120.15	PASS	
2625.00†	2606.92	104.31	268.53	1890.05	1884.54	1226.21	-5857.54	-147.72	6269.71	53.25	119.31	PASS	
2725.00†	2706.09	108.96	280.52	2050.93	2042.52	1205.23	-5879.57	-148.05	6291.96	53.83	118.42	PASS	
2825.00†	2805.26	113.62	292.50	2084.15	2075.18	1201.05	-5884.00	-148.12	6313.85	53.99	118.49	PASS	
2925.00†	2904.43	118.27	304.49	2117.19	2107.61	1196.88	-5888.73	-148.19	6336.74	54.15	118.56	PASS	
3025.00†	3003.60	122.93	316.47	2180.99	2170.13	1188.73	-5898.49	-148.32	6360.53	54.44	118.36	PASS	
3125.00†	3102.77	127.58	328.46	2364.10	2349.59	1164.37	-5925.48	-148.69	6383.89	55.23	117.08	PASS	
3225.00†	3201.94	132.24	340.44	2449.38	2433.18	1152.49	-5937.50	-148.87	6406.60	55.65	116.59	PASS	
3325.00†	3301.11	136.89	352.43	2512.56	2494.94	1142.95	-5946.78	-149.01	6429.78	56.00	116.28	PASS	
3425.00†	3400.28	141.55	364.41	2589.60	2570.11	1130.80	-5958.45	-149.18	6453.40	56.43	115.81	PASS	
3525.00†	3499.45	146.21	376.40	2643.70	2622.85	1122.13	-5966.86	-149.30	6477.48	56.77	115.53	PASS	
3625.00†	3598.62	150.86	388.39	2690.53	2668.36	1114.18	-5974.54	-149.41	6502.32	57.09	115.32	PASS	
3725.00†	3697.79	155.52	400.37	3114.14	3083.01	1050.45	-6032.17	-150.30	6523.53	59.22	111.48	PASS	
3825.00†	3796.96	160.17	412.36	3296.08	3262.79	1030.49	-6051.55	-150.60	6544.07	60.19	110.01	PASS	
3925.00†	3896.13	164.83	424.34	3482.80	3447.27	1007.31	-6068.76	-150.93	6562.90	61.22	108.45	PASS	
4025.00†	3995.30	169.48	436.33	3538.64	3502.36	999.73	-6073.73	-151.03	6581.27	61.66	107.97	PASS	
4125.00†	4094.47	174.14	448.31	3581.26	3544.36	993.73	-6077.83	-151.11	6600.36	62.04	107.60	PASS	
4225.00†	4193.64	178.79	460.30	3620.44	3582.94	988.30	-6081.93	-151.19	6620.35	62.42	107.27	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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. FRITZLER #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	
4325.00†	4292.81	183.45	472.28	3657.70	3619.61	983.21	-6086.14	-151.26	6641.21	62.79	106.96	PASS	
4425.00†	4391.98	188.10	484.27	3691.99	3653.29	978.32	-6090.35	-151.32	6663.01	63.15	106.69	PASS	
4525.00†	4491.15	192.76	496.25	3726.00	3686.61	973.21	-6094.87	-151.39	6685.75	63.52	106.44	PASS	
4625.00†	4590.32	197.41	508.24	3772.64	3732.18	965.81	-6101.51	-151.49	6709.36	63.96	106.07	PASS	
4725.00†	4689.49	202.07	520.22	3826.97	3785.14	956.77	-6109.60	-151.60	6733.64	64.45	105.63	PASS	
4825.00†	4788.66	206.73	532.21	4246.95	4196.18	890.19	-6163.12	-152.45	6756.15	67.05	101.83	PASS	
4925.00†	4887.83	211.38	544.19	4296.97	4245.50	883.64	-6168.33	-152.53	6776.61	67.55	101.38	PASS	
5025.00†	4987.00	216.04	556.18	4339.55	4287.43	878.01	-6173.06	-152.61	6797.81	68.01	101.00	PASS	
5125.00†	5086.17	220.69	568.16	4380.52	4327.72	872.43	-6177.97	-152.68	6819.84	68.46	100.64	PASS	
5225.00†	5185.33	225.35	580.15	4425.42	4371.82	866.23	-6183.70	-152.76	6842.68	68.94	100.27	PASS	
5325.00†	5284.50	230.00	592.13	4473.72	4419.26	859.87	-6190.18	-152.85	6866.23	69.45	99.88	PASS	
5425.00†	5383.67	234.66	604.12	4529.92	4474.45	852.72	-6198.07	-152.94	6890.46	70.00	99.42	PASS	
5525.00†	5482.84	239.31	616.10	4594.83	4538.05	843.87	-6207.54	-153.06	6915.21	70.62	98.91	PASS	
5625.00†	5582.01	243.97	628.09	4692.63	4633.78	830.01	-6221.95	-153.23	6940.15	71.45	98.10	PASS	
5725.00†	5681.18	248.62	640.07	4755.41	4695.23	821.27	-6231.35	-153.34	6965.38	72.07	97.60	PASS	
5825.00†	5780.35	253.28	652.06	4873.32	4810.76	805.76	-6249.13	-153.54	6990.83	73.03	96.65	PASS	
5925.00†	5879.52	257.93	664.04	4941.19	4877.33	797.36	-6259.29	-153.66	7016.25	73.69	96.13	PASS	
6025.00†	5978.69	262.59	676.03	5066.59	5895.46	735.87	-6342.02	-154.69	7034.48	79.17	89.64	PASS	
6125.00†	6077.86	267.25	688.01	6091.61	6020.46	735.10	-6343.32	-154.76	7047.12	80.03	88.83	PASS	
6225.00†	6177.03	271.90	700.00	6185.90	6114.76	734.89	-6344.13	-154.80	7059.61	80.77	88.17	PASS	
6325.00†	6276.20	276.56	711.98	6279.34	6208.19	734.80	-6345.00	-154.84	7072.18	81.51	87.52	PASS	
6425.00†	6375.37	281.21	723.97	6372.77	6301.61	734.83	-6345.94	-154.89	7084.83	82.25	86.88	PASS	
6525.00†	6474.54	285.87	735.95	6469.50	6398.34	735.05	-6346.95	-154.93	7097.54	83.00	86.24	PASS	
6532.63	6482.11	286.22	736.87	6476.90	6405.74	735.08	-6347.03	-154.93	7098.51	83.06	86.19	PASS	
6625.00†	6574.20	290.39	741.26	6567.04	6495.87	735.53	-6347.99	-154.93	7103.64	83.75	85.53	PASS	
6725.00†	6673.48	294.52	730.94	6666.05	6594.88	736.29	-6349.05	-8.76	7094.19	84.70	84.46	PASS	
6825.00†	6769.94	298.18	705.22	6807.13	6735.94	738.05	-6350.06	-2.36	7069.06	86.30	82.58	PASS	
6925.00†	6861.20	301.25	664.71	6940.12	6868.91	740.59	-6350.15	0.30	7028.61	87.70	80.78	PASS	
7025.00†	6945.03	303.68	610.42	7012.51	6941.27	742.14	-6350.02	2.07	6974.24	88.74	79.22	PASS	
7125.00†	7019.34	305.39	543.69	7074.63	7003.38	743.33	-6350.03	3.72	6907.63	89.57	77.73	PASS	
7225.00†	7082.33	306.35	466.16	7127.48	7056.23	744.23	-6350.13	5.73	6830.39	90.20	76.31	PASS	
7325.00†	7132.43	306.53	379.73	7169.75	7098.49	744.88	-6350.28	8.78	6744.35	90.65	74.98	PASS	
7425.00†	7168.40	305.93	286.54	7200.34	7129.08	745.32	-6350.42	14.71	6651.60	90.94	73.71	PASS	
7525.00†	7189.38	304.57	188.88	7218.44	7147.18	745.56	-6350.51	31.46	6554.38	91.09	72.51	PASS	
7613.44	7195.00	302.75	100.71	7223.59	7152.33	745.63	-6350.54	89.44	6466.57	91.14	71.50	PASS	
7625.00†	7194.93	302.47	89.15	7223.59	7152.33	745.63	-6350.54	89.44	6455.06	91.14	71.37	PASS	
7725.00†	7194.36	300.10	-10.82	7223.56	7152.30	745.63	-6350.54	89.44	6355.50	91.17	70.25	PASS	
7825.00†	7193.79	297.73	-110.79	7223.54	7152.27	745.63	-6350.54	89.44	6255.94	91.21	69.12	PASS	
7925.00†	7193.22	295.36	-210.76	7223.51	7152.25	745.63	-6350.54	89.43	6156.40	91.26	67.98	PASS	
8025.00†	7192.64	292.99	-310.73	7223.49	7152.22	745.62	-6350.54	89.43	6056.88	91.31	66.84	PASS	
8125.00†	7192.07	290.63	-410.70	7223.46	7152.20	745.62	-6350.54	89.43	5957.37	91.38	65.70	PASS	
8225.00†	7191.50	288.26	-510.67	7223.43	7152.17	745.62	-6350.54	89.43	5857.88	91.45	64.55	PASS	
8325.00†	7190.93	285.89	-610.64	7223.41	7152.14	745.62	-6350.54	89.42	5758.41	91.54	63.39	PASS	
8425.00†	7190.35	283.52	-710.61	7223.38	7152.12	745.62	-6350.54	89.42	5658.96	91.63	62.23	PASS	
8525.00†	7189.78	281.15	-810.58	7223.35	7152.09	745.62	-6350.54	89.42	5559.52	91.74	61.06	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
8625.00†	7189.21	278.78	-910.55	7223.33	7152.07	745.62	-6350.54	89.42	5460.11	91.87	59.89	PASS	
8725.00†	7188.64	276.41	-1010.52	7223.30	7152.04	745.62	-6350.54	89.41	5360.72	92.01	58.71	PASS	
8825.00†	7188.06	274.04	-1110.49	7223.27	7152.01	745.62	-6350.54	89.41	5261.35	92.16	57.52	PASS	
8925.00†	7187.49	271.67	-1210.46	7223.25	7151.98	745.62	-6350.54	89.41	5162.00	92.34	56.33	PASS	
9025.00†	7186.92	269.30	-1310.44	7223.22	7151.96	745.62	-6350.54	89.41	5062.68	92.53	55.13	PASS	
9125.00†	7186.34	266.93	-1410.41	7223.19	7151.93	745.62	-6350.54	89.40	4963.39	92.74	53.92	PASS	
9225.00†	7185.77	264.56	-1510.38	7223.17	7151.90	745.62	-6350.54	89.40	4864.13	92.98	52.71	PASS	
9325.00†	7185.20	262.19	-1610.35	7223.14	7151.87	745.62	-6350.54	89.40	4764.90	93.24	51.49	PASS	
9425.00†	7184.63	259.82	-1710.32	7223.11	7151.85	745.62	-6350.54	89.40	4665.70	93.53	50.26	PASS	
9525.00†	7184.05	257.45	-1810.29	7223.08	7151.82	745.62	-6350.54	89.39	4566.54	93.84	49.02	PASS	
9625.00†	7183.48	255.08	-1910.26	7223.05	7151.79	745.62	-6350.54	89.39	4467.41	94.19	47.78	PASS	
9725.00†	7182.91	252.71	-2010.23	7223.02	7151.76	745.62	-6350.54	89.39	4368.32	94.57	46.53	PASS	
9825.00†	7182.34	250.34	-2110.20	7223.00	7151.73	745.62	-6350.54	89.39	4269.28	94.99	45.27	PASS	
9925.00†	7181.76	247.97	-2210.17	7222.97	7151.70	745.62	-6350.54	89.38	4170.28	95.45	44.01	PASS	
10025.00†	7181.19	245.60	-2310.14	7222.94	7151.68	745.62	-6350.54	89.38	4071.33	95.96	42.74	PASS	
10125.00†	7180.62	243.23	-2410.11	7222.91	7151.65	745.62	-6350.54	89.38	3972.43	96.51	41.46	PASS	
10225.00†	7180.05	240.86	-2510.08	7222.88	7151.62	745.62	-6350.54	89.37	3873.59	97.12	40.17	PASS	
10325.00†	7179.47	238.49	-2610.05	7222.85	7151.59	745.62	-6350.54	89.37	3774.81	97.78	38.88	PASS	
10425.00†	7178.90	236.12	-2710.02	7222.82	7151.56	745.62	-6350.54	89.37	3676.10	98.51	37.58	PASS	
10525.00†	7178.33	233.75	-2809.99	7222.79	7151.53	745.62	-6350.54	89.37	3577.46	99.31	36.27	PASS	
10625.00†	7177.76	231.38	-2909.96	7222.76	7151.50	745.62	-6350.54	89.36	3478.89	100.19	34.96	PASS	
10725.00†	7177.18	229.01	-3009.93	7222.73	7151.47	745.62	-6350.54	89.36	3380.41	101.15	33.65	PASS	
10825.00†	7176.61	226.64	-3109.90	7222.70	7151.44	745.61	-6350.54	89.36	3282.03	102.20	32.33	PASS	
10925.00†	7176.04	224.27	-3209.87	7222.67	7151.41	745.61	-6350.54	89.35	3183.74	103.35	31.01	PASS	
11025.00†	7175.47	221.90	-3309.84	7222.64	7151.38	745.61	-6350.54	89.35	3085.56	104.62	29.69	PASS	
11125.00†	7174.89	219.53	-3409.81	7222.61	7151.35	745.61	-6350.54	89.35	2987.51	106.02	28.36	PASS	
11225.00†	7174.32	217.16	-3509.78	7222.58	7151.32	745.61	-6350.54	89.35	2889.58	107.55	27.04	PASS	
11325.00†	7173.75	214.79	-3609.75	7222.55	7151.29	745.61	-6350.54	89.34	2791.81	109.24	25.72	PASS	
11425.00†	7173.17	212.42	-3709.72	7222.52	7151.25	745.61	-6350.54	89.34	2694.19	111.09	24.40	PASS	
11525.00†	7172.60	210.06	-3809.69	7222.49	7151.22	745.61	-6350.54	89.34	2596.76	113.14	23.09	PASS	
11625.00†	7172.03	207.69	-3909.66	7222.45	7151.19	745.61	-6350.54	89.33	2499.53	115.40	21.79	PASS	
11725.00†	7171.46	205.32	-4009.63	7222.42	7151.16	745.61	-6350.54	89.33	2402.53	117.90	20.50	PASS	
11825.00†	7170.88	202.95	-4109.60	7222.39	7151.13	745.61	-6350.54	89.33	2305.79	120.66	19.22	PASS	
11925.00†	7170.31	200.58	-4209.57	7222.36	7151.09	745.61	-6350.54	89.32	2209.33	123.72	17.95	PASS	
12025.00†	7169.74	198.21	-4309.54	7222.33	7151.06	745.61	-6350.54	89.32	2113.21	127.12	16.71	PASS	
12125.00†	7169.17	195.84	-4409.51	7222.29	7151.03	745.61	-6350.54	89.32	2017.46	130.90	15.49	PASS	
12225.00†	7168.59	193.47	-4509.48	7222.26	7151.00	745.61	-6350.54	89.31	1922.14	135.12	14.30	PASS	
12325.00†	7168.02	191.10	-4609.45	7222.23	7150.96	745.61	-6350.54	89.31	1827.33	139.83	13.13	PASS	
12425.00†	7167.45	188.73	-4709.42	7222.19	7150.93	745.61	-6350.54	89.31	1733.10	145.11	12.00	PASS	
12525.00†	7166.88	186.36	-4809.39	7222.16	7150.90	745.61	-6350.53	89.30	1639.55	151.04	10.90	PASS	
12625.00†	7166.30	183.99	-4909.37	7222.13	7150.86	745.61	-6350.53	89.30	1546.81	157.73	9.85	PASS	
12725.00†	7165.73	181.62	-5009.34	7222.09	7150.83	745.61	-6350.53	89.30	1455.03	165.30	8.84	PASS	
12825.00†	7165.16	179.25	-5109.31	7222.06	7150.80	745.61	-6350.53	89.30	1364.41	173.87	7.88	PASS	
12925.00†	7164.59	176.88	-5209.28	7222.02	7150.76	745.61	-6350.53	89.29	1275.19	183.62	6.97	PASS	
13025.00†	7164.01	174.51	-5309.25	7221.99	7150.73	745.61	-6350.53	89.29	1187.69	194.74	6.12	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
13125.00†	7163.44	172.14	-5409.22	7221.96	7150.69	745.61	-6350.53	89.29	1102.32	207.43	5.33	PASS	
13225.00†	7162.87	169.77	-5509.19	7221.92	7150.66	745.60	-6350.53	89.28	1019.61	221.91	4.61	PASS	
13325.00†	7162.30	167.40	-5609.16	7221.89	7150.62	745.60	-6350.53	89.28	940.26	238.39	3.95	PASS	
13425.00†	7161.72	165.03	-5709.13	7221.85	7150.59	745.60	-6350.53	89.27	865.21	256.98	3.37	PASS	
13525.00†	7161.15	162.66	-5809.10	7221.81	7150.55	745.60	-6350.53	89.27	795.67	277.62	2.87	PASS	
13625.00†	7160.58	160.29	-5909.07	7221.78	7150.52	745.60	-6350.53	89.27	733.20	299.87	2.45	PASS	
13725.00†	7160.00	157.92	-6009.04	7221.74	7150.48	745.60	-6350.53	89.26	679.76	322.66	2.11	PASS	
13825.00†	7159.43	155.55	-6109.01	7221.71	7150.44	745.60	-6350.53	89.26	637.63	344.10	1.85	PASS	
13925.00†	7158.86	153.18	-6208.98	7221.67	7150.41	745.60	-6350.53	89.26	609.15	361.48	1.69	PASS	
14025.00†	7158.29	150.81	-6308.95	7221.63	7150.37	745.60	-6350.53	89.25	596.29	371.98	1.60	PASS	
14051.79†	7158.13	150.18	-6335.73	7221.62	7150.36	745.60	-6350.53	89.25	595.66	373.39	1.60	PASS	
14072.31†	7158.02	149.69	-6356.25	7221.62	7150.35	745.60	-6350.53	89.25	595.99	373.97	1.59	PASS	
14125.00†	7157.71	148.44	-6408.92	7221.60	7150.33	745.60	-6350.53	89.25	600.05	373.83	1.61	PASS	
14225.00†	7157.14	146.07	-6508.89	7221.56	7150.30	745.60	-6350.53	89.25	620.13	367.25	1.69	PASS	
14325.00†	7156.57	143.70	-6608.86	7221.52	7150.26	745.60	-6350.53	89.24	655.02	354.25	1.85	PASS	
14425.00†	7156.00	141.33	-6708.83	7221.48	7150.22	745.60	-6350.53	89.24	702.53	337.53	2.08	PASS	
14525.00†	7155.42	138.96	-6808.80	7221.45	7150.18	745.60	-6350.53	89.24	760.29	319.43	2.38	PASS	
14625.00†	7154.85	136.59	-6908.77	7221.41	7150.15	745.60	-6350.53	89.23	826.16	301.58	2.74	PASS	
14725.00†	7154.28	134.22	-7008.74	7221.37	7150.11	745.60	-6350.53	89.23	898.35	284.83	3.16	PASS	
14825.00†	7153.71	131.85	-7108.71	7221.33	7150.07	745.60	-6350.53	89.23	975.46	269.59	3.63	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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

## CLEARANCE DATA - Offset Wellbore: DONN 5C-20-L PWB Offset Wellpath: DONN 5C-20-L PWP (REV-A.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	-159.94	-1.11	-179.60	159.94	1.26	529.92	PASS	
125.00†	125.00	0.00	0.00	124.00	125.00	-159.94	-1.11	-179.60	159.94	1.88	172.76	PASS	
200.00	200.00	0.00	0.00	199.00	200.00	-159.94	-1.11	-179.60	159.94	2.30	119.12	PASS	
225.00†	225.00	0.04	0.10	222.97	223.97	-160.01	-1.06	111.64	160.06	2.44	107.91	PASS	
325.00†	324.96	0.99	2.54	318.60	319.57	-161.92	0.34	111.91	163.01	3.31	69.11	PASS	
425.00†	424.77	3.20	8.23	413.93	414.73	-166.38	3.60	112.48	169.94	4.55	47.16	PASS	
525.00†	524.30	6.67	17.17	508.72	509.12	-173.35	8.69	113.28	180.86	5.62	38.67	PASS	
569.36	568.34	8.61	22.16	550.53	550.66	-177.23	11.52	113.68	186.98	6.05	36.60	PASS	
625.00†	623.52	11.20	28.83	602.78	602.46	-182.76	15.57	114.23	195.55	6.53	34.93	PASS	
725.00†	722.69	15.86	40.82	696.16	694.68	-194.54	24.17	114.68	212.90	7.39	32.97	PASS	
825.00†	821.86	20.51	52.80	788.87	785.73	-208.63	34.47	114.56	232.69	8.20	32.00	PASS	
925.00†	921.03	25.17	64.79	886.65	881.47	-224.66	46.18	114.24	253.62	8.88	31.92	PASS	
1025.00†	1020.20	29.82	76.77	984.42	977.21	-240.69	57.90	113.97	274.55	9.56	31.81	PASS	
1125.00†	1119.37	34.48	88.76	1082.20	1072.95	-256.72	69.61	113.73	295.49	10.30	31.55	PASS	
1225.00†	1218.54	39.13	100.74	1179.98	1168.69	-272.75	81.32	113.53	316.44	11.04	31.31	PASS	
1325.00†	1317.71	43.79	112.73	1277.75	1264.43	-288.78	93.04	113.35	337.38	11.80	31.05	PASS	
1425.00†	1416.88	48.44	124.71	1375.53	1360.17	-304.81	104.75	113.20	358.33	12.57	30.80	PASS	
1525.00†	1516.05	53.10	136.70	1473.31	1455.91	-320.84	116.46	113.06	379.28	13.34	30.56	PASS	
1625.00†	1615.22	57.75	148.68	1571.08	1551.65	-336.87	128.18	112.93	400.24	14.13	30.31	PASS	
1725.00†	1714.39	62.41	160.67	1668.86	1647.39	-352.90	139.89	112.82	421.19	14.93	30.09	PASS	
1825.00†	1813.56	67.06	172.65	1766.64	1743.13	-368.93	151.60	112.72	442.15	15.20	30.47	PASS	
1925.00†	1912.73	71.72	184.64	1864.41	1838.87	-384.96	163.32	112.62	463.11	15.39	31.49	PASS	
2025.00†	2011.90	76.37	196.62	1962.19	1934.61	-400.99	175.03	112.54	484.07	15.58	32.50	PASS	
2125.00†	2111.07	81.03	208.61	2059.97	2030.35	-417.02	186.74	112.46	505.03	15.85	33.31	PASS	
2225.00†	2210.24	85.69	220.59	2157.74	2126.09	-433.05	198.46	112.39	525.99	16.19	33.94	PASS	
2325.00†	2309.41	90.34	232.58	2255.52	2221.83	-449.08	210.17	112.33	546.95	16.60	34.38	PASS	
2425.00†	2408.58	95.00	244.56	2353.30	2317.57	-465.11	221.88	112.26	567.91	17.07	34.67	PASS	
2525.00†	2507.75	99.65	256.55	2451.07	2413.31	-481.15	233.60	112.21	588.87	17.60	34.82	PASS	
2625.00†	2606.92	104.31	268.53	2548.85	2509.05	-497.18	245.31	112.15	609.84	18.18	34.86	PASS	
2725.00†	2706.09	108.96	280.52	2646.63	2604.79	-513.21	257.03	112.11	630.80	18.82	34.79	PASS	
2825.00†	2805.26	113.62	292.50	2744.40	2700.53	-529.24	268.74	112.06	651.76	19.50	34.65	PASS	
2925.00†	2904.43	118.27	304.49	2842.18	2796.27	-545.27	280.45	112.02	672.73	20.21	34.45	PASS	
3025.00†	3003.60	122.93	316.47	2939.96	2892.00	-561.30	292.17	111.98	693.69	20.96	34.21	PASS	
3125.00†	3102.77	127.58	328.46	3037.73	2987.74	-577.33	303.88	111.94	714.66	21.75	33.94	PASS	
3225.00†	3201.94	132.24	340.44	3135.51	3083.48	-593.36	315.59	111.90	735.62	22.55	33.64	PASS	
3325.00†	3301.11	136.89	352.43	3233.28	3179.22	-609.39	327.31	111.87	756.59	23.39	33.33	PASS	
3425.00†	3400.28	141.55	364.41	3331.06	3274.96	-625.42	339.02	111.83	777.55	24.24	33.01	PASS	
3525.00†	3499.45	146.21	376.40	3428.84	3370.70	-641.45	350.73	111.80	798.52	25.12	32.68	PASS	
3625.00†	3598.62	150.86	388.39	3526.61	3466.44	-657.48	362.45	111.77	819.49	26.01	32.36	PASS	
3725.00†	3697.79	155.52	400.37	3624.39	3562.18	-673.51	374.16	111.75	840.45	26.92	32.03	PASS	
3825.00†	3796.96	160.17	412.36	3722.17	3657.92	-689.54	385.87	111.72	861.42	27.85	31.72	PASS	
3925.00†	3896.13	164.83	424.34	3819.94	3753.66	-705.57	397.59	111.70	882.38	28.78	31.41	PASS	
4025.00†	3995.30	169.48	436.33	3917.72	3849.40	-721.60	409.30	111.67	903.35	29.73	31.10	PASS	
4125.00†	4094.47	174.14	448.31	4015.50	3945.14	-737.63	421.01	111.65	924.32	30.69	30.81	PASS	
4225.00†	4193.64	178.79	460.30	4113.27	4040.88	-753.66	432.73	111.63	945.29	31.66	30.52	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 5C-20-L PWB Offset Wellpath: DONN 5C-20-L PWP (REV-A.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†	4292.81	183.45	472.28	4211.05	4136.62	-769.69	444.44	111.61	966.25	32.64	30.24	PASS	
4425.00†	4391.98	188.10	484.27	4308.83	4232.36	-785.72	456.16	111.59	987.22	33.62	29.97	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-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 5C-20-L PWB Offset Wellpath: DONN 5C-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	26.00	1726.84	-97.50	-0.68	-160.37	45.26
9.625in Casing Surface	25.00	1750.00	1725.00	26.00	1726.84	-97.50	-0.68	-160.37	45.26
8.5in Open Hole	1750.00	17990.77	16240.77	1726.84	7151.00	-160.37	45.26	-519.16	-3111.38

SURVEY PROGRAM - Offset Wellbore: DONN 5C-20-L PWB Offset Wellpath: DONN 5C-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 (IFR1, Standard Rotating+Axial Corr) (Rockies 0.03Gt model)		DONN 5C-20-L PWB
1750.00	17990.77	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-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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	1075.14	1068.16	1233.89	-5553.61	-77.47	5783.88	50.28	117.25	PASS	
125.00†	125.00	0.00	0.00	1129.21	1120.98	1225.36	-5545.83	-77.54	5766.26	50.45	116.51	PASS	
200.00	200.00	0.00	0.00	1176.37	1167.09	1217.97	-5539.30	-77.60	5753.48	50.57	115.96	PASS	
225.00†	225.00	0.04	0.10	1192.10	1182.49	1215.51	-5537.16	-146.44	5749.39	50.61	115.78	PASS	
325.00†	324.96	0.99	2.54	1255.19	1244.24	1205.65	-5528.85	-146.68	5735.20	50.80	115.07	PASS	
425.00†	424.77	3.20	8.23	1318.41	1306.18	1195.80	-5520.90	-146.90	5724.55	51.01	114.36	PASS	
525.00†	524.30	6.67	17.17	1381.03	1367.59	1186.07	-5513.40	-147.09	5717.46	51.24	113.71	PASS	
569.36	568.34	8.61	22.16	1402.72	1388.88	1182.78	-5510.90	-147.16	5715.49	51.33	113.46	PASS	
625.00†	623.52	11.20	28.83	1429.96	1415.66	1178.80	-5507.84	-147.21	5713.63	51.44	113.19	PASS	
725.00†	722.69	15.86	40.82	1490.36	1475.14	1170.63	-5501.35	-147.32	5710.99	51.64	112.68	PASS	
825.00†	821.86	20.51	52.80	1714.29	1695.60	1142.89	-5473.68	-147.69	5706.59	52.07	111.65	PASS	
925.00†	921.03	25.17	64.79	1760.53	1741.11	1137.03	-5467.91	-147.77	5702.59	52.28	111.10	PASS	
1025.00†	1020.20	29.82	76.77	1857.63	1836.62	1123.93	-5456.35	-147.94	5699.04	52.59	110.37	PASS	
1125.00†	1119.37	34.48	88.76	2178.31	2151.30	1080.79	-5412.74	-148.50	5694.39	53.32	108.75	PASS	
1225.00†	1218.54	39.13	100.74	2231.87	2203.74	1073.66	-5404.46	-148.59	5687.55	53.61	108.02	PASS	
1325.00†	1317.71	43.79	112.73	2277.41	2248.44	1068.17	-5397.72	-148.67	5681.60	53.88	107.34	PASS	
1425.00†	1416.88	48.44	124.71	2323.72	2294.01	1063.17	-5391.17	-148.74	5676.62	54.16	106.69	PASS	
1525.00†	1516.05	53.10	136.70	2381.49	2350.92	1056.97	-5383.48	-148.82	5672.49	54.47	105.99	PASS	
1625.00†	1615.22	57.75	148.68	2543.77	2510.46	1036.35	-5362.11	-149.10	5668.15	55.03	104.82	PASS	
1725.00†	1714.39	62.41	160.67	2739.33	2702.34	1010.06	-5335.14	-149.45	5663.74	55.71	103.43	PASS	
1825.00†	1813.56	67.06	172.65	2833.89	2794.61	995.09	-5320.89	-149.63	5657.09	55.88	102.53	PASS	
1925.00†	1912.73	71.72	184.64	2887.17	2846.74	987.29	-5313.11	-149.73	5651.19	56.16	101.91	PASS	
2025.00†	2011.90	76.37	196.62	2927.42	2886.22	981.80	-5307.53	-149.81	5646.23	56.40	101.36	PASS	
2125.00†	2111.07	81.03	208.61	2967.02	2925.14	976.63	-5302.40	-149.88	5642.35	56.66	100.84	PASS	
2225.00†	2210.24	85.69	220.59	3086.14	3042.21	960.29	-5287.65	-150.09	5638.96	57.16	99.88	PASS	
2325.00†	2309.41	90.34	232.58	3117.04	3072.58	955.97	-5283.93	-150.15	5635.93	57.41	99.39	PASS	
2425.00†	2408.58	95.00	244.56	3148.11	3103.21	952.10	-5280.49	-150.20	5634.13	57.66	98.91	PASS	
2525.00†	2507.75	99.65	256.55	3185.58	3140.27	948.00	-5276.72	-150.26	5633.54	57.94	98.42	PASS	
2625.00†	2606.92	104.31	268.53	3235.82	3190.02	942.80	-5272.05	-150.34	5633.93	58.26	97.88	PASS	
2725.00†	2706.09	108.96	280.52	3323.58	3276.95	933.69	-5264.54	-150.48	5635.04	58.72	97.13	PASS	
2825.00†	2805.26	113.62	292.50	3400.27	3352.89	924.87	-5258.07	-150.61	5636.21	59.15	96.42	PASS	
2925.00†	2904.43	118.27	304.49	3561.74	3512.85	907.66	-5244.36	-150.86	5637.64	59.89	95.24	PASS	
3025.00†	3003.60	122.93	316.47	3612.56	3563.15	902.03	-5239.86	-150.95	5638.53	60.27	94.65	PASS	
3125.00†	3102.77	127.58	328.46	4077.89	4020.77	839.37	-5185.65	-151.79	5635.14	62.21	91.62	PASS	
3225.00†	3201.94	132.24	340.44	4115.84	4057.96	833.91	-5180.38	-151.87	5630.69	62.62	90.93	PASS	
3325.00†	3301.11	136.89	352.43	4162.57	4103.86	827.63	-5174.28	-151.95	5627.26	63.07	90.22	PASS	
3425.00†	3400.28	141.55	364.41	4223.06	4163.42	820.03	-5166.90	-152.06	5624.78	63.58	89.46	PASS	
3525.00†	3499.45	146.21	376.40	4332.89	4271.19	803.82	-5153.46	-152.27	5622.05	64.30	88.40	PASS	
3625.00†	3598.62	150.86	388.39	4375.83	4313.37	797.39	-5148.56	-152.35	5620.19	64.76	87.73	PASS	
3725.00†	3697.79	155.52	400.37	4430.44	4367.12	789.64	-5142.78	-152.46	5619.31	65.28	87.01	PASS	
3825.00†	3796.96	160.17	412.36	4493.95	4429.71	780.94	-5136.41	-152.58	5619.12	65.84	86.27	PASS	
3925.00†	3896.13	164.83	424.34	4538.17	4473.35	775.14	-5132.30	-152.66	5619.78	66.32	85.65	PASS	
4025.00†	3995.30	169.48	436.33	4582.48	4517.15	769.62	-5128.57	-152.74	5621.44	66.80	85.05	PASS	
4125.00†	4094.47	174.14	448.31	4619.79	4554.11	765.25	-5125.78	-152.80	5624.16	67.24	84.52	PASS	
4225.00†	4193.64	178.79	460.30	4656.74	4590.76	761.23	-5123.39	-152.86	5628.01	67.69	84.01	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
4325.00†	4292.81	183.45	472.28	4696.54	4630.29	757.20	-5121.22	-152.92	5632.97	68.15	83.52	PASS	
4425.00†	4391.98	188.10	484.27	4741.10	4674.60	752.91	-5119.20	-152.99	5638.95	68.62	83.02	PASS	
4525.00†	4491.15	192.76	496.25	4836.65	4769.72	744.65	-5115.60	-153.13	5645.80	69.32	82.27	PASS	
4625.00†	4590.32	197.41	508.24	4922.99	4855.78	738.93	-5111.80	-153.23	5652.31	69.98	81.58	PASS	
4725.00†	4689.49	202.07	520.22	4982.36	4915.00	735.27	-5109.55	-153.30	5659.46	70.52	81.05	PASS	
4825.00†	4788.66	206.73	532.21	5036.01	4968.54	732.21	-5107.91	-153.36	5667.40	71.04	80.57	PASS	
4925.00†	4887.83	211.38	544.19	5083.86	5016.32	729.84	-5106.81	-153.41	5676.19	71.53	80.14	PASS	
5025.00†	4987.00	216.04	556.18	5127.46	5059.89	728.69	-5106.14	-153.45	5685.94	71.99	79.76	PASS	
5125.00†	5086.17	220.69	568.16	5183.05	5115.48	728.53	-5105.71	-153.48	5696.63	72.49	79.35	PASS	
5225.00†	5185.33	225.35	580.15	5257.85	5190.28	728.60	-5105.49	-153.53	5707.86	73.06	78.88	PASS	
5325.00†	5284.50	230.00	592.13	5338.39	5270.82	728.46	-5105.56	-153.57	5719.47	73.66	78.39	PASS	
5425.00†	5383.67	234.66	604.12	5433.14	5365.58	728.01	-5105.87	-153.63	5731.29	74.34	77.83	PASS	
5525.00†	5482.84	239.31	616.10	5528.74	5461.17	727.46	-5106.25	-153.70	5743.18	75.02	77.27	PASS	
5625.00†	5582.01	243.97	628.09	5624.45	5556.87	726.82	-5106.70	-153.76	5755.13	75.71	76.72	PASS	
5725.00†	5681.18	248.62	640.07	5725.38	5657.80	726.24	-5107.17	-153.82	5767.10	76.43	76.16	PASS	
5825.00†	5780.35	253.28	652.06	5826.35	5758.77	725.94	-5107.59	-153.88	5779.05	77.15	75.60	PASS	
5925.00†	5879.52	257.93	664.04	5930.68	5863.10	725.89	-5107.96	-153.94	5790.96	77.89	75.02	PASS	
6025.00†	5978.69	262.59	676.03	6046.05	5978.47	725.52	-5108.16	-154.01	5802.68	78.70	74.39	PASS	
6125.00†	6077.86	267.25	688.01	6161.43	6093.84	724.56	-5108.08	-154.08	5814.12	79.52	73.76	PASS	
6225.00†	6177.03	271.90	700.00	6289.38	6221.78	723.03	-5107.55	-154.17	5825.21	80.43	73.06	PASS	
6325.00†	6276.20	276.56	711.98	6421.05	6353.44	721.40	-5106.30	-154.26	5835.77	81.37	72.34	PASS	
6425.00†	6375.37	281.21	723.97	6527.89	6460.26	719.94	-5104.84	-154.33	5845.91	82.21	71.72	PASS	
6525.00†	6474.54	285.87	735.95	6619.92	6552.26	718.19	-5103.69	-154.40	5856.14	82.99	71.16	PASS	
6532.63	6482.11	286.22	736.87	6626.93	6559.27	718.03	-5103.61	-154.40	5856.92	83.05	71.12	PASS	
6625.00†	6574.20	290.39	741.26	6712.23	6644.54	715.91	-5102.69	-154.40	5859.84	83.76	70.55	PASS	
6725.00†	6673.48	294.52	730.94	6804.45	6736.72	713.26	-5101.83	-8.24	5848.12	84.72	69.60	PASS	
6825.00†	6769.94	298.18	705.22	6894.37	6826.61	710.99	-5101.06	-1.85	5821.21	86.17	68.11	PASS	
6925.00†	6861.20	301.25	664.71	6979.43	6911.64	709.22	-5100.40	0.83	5779.75	87.45	66.62	PASS	
7025.00†	6945.03	303.68	610.42	7067.01	6999.21	707.75	-5099.75	2.65	5724.71	88.58	65.14	PASS	
7125.00†	7019.34	305.39	543.69	7162.47	7094.65	706.23	-5098.77	4.41	5657.18	89.59	63.64	PASS	
7225.00†	7082.33	306.35	466.16	7242.43	7174.60	704.97	-5097.66	6.65	5578.85	90.35	62.23	PASS	
7325.00†	7132.43	306.53	379.73	7305.01	7237.16	703.98	-5096.62	10.23	5491.75	90.89	60.89	PASS	
7425.00†	7168.40	305.93	286.54	7348.83	7280.97	703.30	-5095.79	17.57	5398.15	91.22	59.63	PASS	
7525.00†	7189.38	304.57	188.88	7373.06	7305.19	702.92	-5095.30	40.00	5300.44	91.38	58.45	PASS	
7613.44	7195.00	302.75	100.71	7377.89	7310.02	702.84	-5095.20	105.46	5212.56	91.43	57.45	PASS	
7625.00†	7194.93	302.47	89.15	7377.51	7309.63	702.85	-5095.21	105.42	5201.06	91.43	57.32	PASS	
7725.00†	7194.36	300.10	-10.82	7374.20	7306.33	702.90	-5095.28	105.09	5101.62	91.44	56.22	PASS	
7825.00†	7193.79	297.73	-110.79	7370.93	7303.06	702.95	-5095.35	104.75	5002.19	91.46	55.11	PASS	
7925.00†	7193.22	295.36	-210.76	7367.70	7299.83	703.00	-5095.41	104.42	4902.79	91.49	54.00	PASS	
8025.00†	7192.64	292.99	-310.73	7364.49	7296.62	703.05	-5095.48	104.09	4803.41	91.53	52.88	PASS	
8125.00†	7192.07	290.63	-410.70	7361.32	7293.45	703.10	-5095.54	103.76	4704.06	91.58	51.76	PASS	
8225.00†	7191.50	288.26	-510.67	7358.18	7290.31	703.15	-5095.61	103.43	4604.73	91.64	50.63	PASS	
8325.00†	7190.93	285.89	-610.64	7355.07	7287.20	703.20	-5095.67	103.11	4505.43	91.72	49.49	PASS	
8425.00†	7190.35	283.52	-710.61	7351.99	7284.12	703.25	-5095.73	102.79	4406.16	91.82	48.35	PASS	
8525.00†	7189.78	281.15	-810.58	7348.94	7281.07	703.29	-5095.79	102.47	4306.92	91.93	47.21	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	7345.92	7278.05	703.34	-5095.85	102.15	4207.71	92.06	46.05	PASS	
8725.00†	7188.64	276.41	-1010.52	7342.93	7275.06	703.39	-5095.91	101.84	4108.55	92.22	44.89	PASS	
8825.00†	7188.06	274.04	-1110.49	7339.96	7272.10	703.43	-5095.97	101.53	4009.42	92.40	43.72	PASS	
8925.00†	7187.49	271.67	-1210.46	7337.03	7269.17	703.48	-5096.02	101.22	3910.33	92.60	42.54	PASS	
9025.00†	7186.92	269.30	-1310.44	7334.13	7266.27	703.53	-5096.08	100.91	3811.29	92.84	41.36	PASS	
9125.00†	7186.34	266.93	-1410.41	7331.25	7263.39	703.57	-5096.13	100.61	3712.30	93.11	40.17	PASS	
9225.00†	7185.77	264.56	-1510.38	7328.40	7260.54	703.62	-5096.19	100.30	3613.36	93.41	38.97	PASS	
9325.00†	7185.20	262.19	-1610.35	7325.57	7257.72	703.66	-5096.24	100.00	3514.49	93.76	37.76	PASS	
9425.00†	7184.63	259.82	-1710.32	7322.77	7254.92	703.70	-5096.29	99.71	3415.67	94.15	36.55	PASS	
9525.00†	7184.05	257.45	-1810.29	7320.00	7252.15	703.75	-5096.34	99.41	3316.93	94.60	35.32	PASS	
9625.00†	7183.48	255.08	-1910.26	7317.26	7249.40	703.79	-5096.40	99.12	3218.26	95.10	34.09	PASS	
9725.00†	7182.91	252.71	-2010.23	7314.54	7246.68	703.83	-5096.45	98.83	3119.67	95.67	32.85	PASS	
9825.00†	7182.34	250.34	-2110.20	7311.84	7243.99	703.87	-5096.49	98.54	3021.17	96.31	31.60	PASS	
9925.00†	7181.76	247.97	-2210.17	7309.17	7241.32	703.92	-5096.54	98.25	2922.77	97.03	30.34	PASS	
10025.00†	7181.19	245.60	-2310.14	7306.52	7238.67	703.96	-5096.59	97.97	2824.49	97.84	29.07	PASS	
10125.00†	7180.62	243.23	-2410.11	7303.90	7236.05	704.00	-5096.64	97.69	2726.32	98.76	27.80	PASS	
10225.00†	7180.05	240.86	-2510.08	7301.30	7233.45	704.04	-5096.69	97.41	2628.29	99.80	26.52	PASS	
10325.00†	7179.47	238.49	-2610.05	7298.73	7230.88	704.08	-5096.73	97.13	2530.42	100.97	25.23	PASS	
10425.00†	7178.90	236.12	-2710.02	7296.18	7228.33	704.12	-5096.78	96.85	2432.71	102.30	23.94	PASS	
10525.00†	7178.33	233.75	-2809.99	7293.64	7225.80	704.16	-5096.82	96.58	2335.19	103.79	22.65	PASS	
10625.00†	7177.76	231.38	-2909.96	7291.14	7223.29	704.20	-5096.86	96.31	2237.90	105.49	21.35	PASS	
10725.00†	7177.18	229.01	-3009.93	7288.65	7220.81	704.24	-5096.91	96.04	2140.85	107.41	20.06	PASS	
10825.00†	7176.61	226.64	-3109.90	7286.19	7218.34	704.28	-5096.95	95.77	2044.08	109.59	18.77	PASS	
10925.00†	7176.04	224.27	-3209.87	7283.75	7215.90	704.32	-5096.99	95.51	1947.63	112.06	17.48	PASS	
11025.00†	7175.47	221.90	-3309.84	7281.33	7213.48	704.35	-5097.03	95.25	1851.56	114.88	16.21	PASS	
11125.00†	7174.89	219.53	-3409.81	7278.93	7211.08	704.39	-5097.07	94.99	1755.92	118.10	14.95	PASS	
11225.00†	7174.32	217.16	-3509.78	7276.55	7208.71	704.43	-5097.11	94.73	1660.79	121.78	13.71	PASS	
11325.00†	7173.75	214.79	-3609.75	7274.19	7206.35	704.47	-5097.15	94.47	1566.27	126.00	12.50	PASS	
11425.00†	7173.17	212.42	-3709.72	7271.85	7204.01	704.50	-5097.19	94.22	1472.47	130.85	11.31	PASS	
11525.00†	7172.60	210.06	-3809.69	7269.53	7201.69	704.54	-5097.23	93.97	1379.54	136.45	10.16	PASS	
11625.00†	7172.03	207.69	-3909.66	7267.24	7199.40	704.58	-5097.27	93.72	1287.66	142.93	9.05	PASS	
11725.00†	7171.46	205.32	-4009.63	7264.96	7197.12	704.61	-5097.31	93.47	1197.08	150.47	7.99	PASS	
11825.00†	7170.88	202.95	-4109.60	7262.70	7194.86	704.65	-5097.34	93.22	1108.11	159.25	6.98	PASS	
11925.00†	7170.31	200.58	-4209.57	7260.46	7192.62	704.68	-5097.38	92.98	1021.19	169.52	6.04	PASS	
12025.00†	7169.74	198.21	-4309.54	7258.23	7190.40	704.72	-5097.42	92.74	936.87	181.55	5.18	PASS	
12125.00†	7169.17	195.84	-4409.51	7256.03	7188.19	704.75	-5097.45	92.50	855.93	195.60	4.39	PASS	
12225.00†	7168.59	193.47	-4509.48	7253.84	7186.01	704.79	-5097.49	92.26	779.42	211.92	3.69	PASS	
12325.00†	7168.02	191.10	-4609.45	7251.68	7183.84	704.82	-5097.52	92.02	708.78	230.58	3.08	PASS	
12425.00†	7167.45	188.73	-4709.42	7249.53	7181.69	704.85	-5097.55	91.79	645.94	251.24	2.58	PASS	
12525.00†	7166.88	186.36	-4809.39	7247.40	7179.56	704.89	-5097.59	91.56	593.37	272.82	2.18	PASS	
12625.00†	7166.30	183.99	-4909.37	7245.28	7177.45	704.92	-5097.62	91.33	554.02	293.08	1.89	PASS	
12725.00†	7165.73	181.62	-5009.34	7243.18	7175.35	704.95	-5097.65	91.10	530.82	308.73	1.72	PASS	
12801.19†	7165.29	179.81	-5085.50	7242.32	7174.48	704.97	-5097.67	91.00	525.38	315.53	1.67	PASS	
12825.00†	7165.16	179.25	-5109.31	7241.10	7173.27	704.99	-5097.69	90.87	525.93	316.58	1.66	PASS	
12925.00†	7164.59	176.88	-5209.28	7239.04	7171.21	705.02	-5097.72	90.65	539.83	315.25	1.71	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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
13025.00†	7164.01	174.51	-5309.25	7236.99	7169.16	705.05	-5097.75	90.42	571.17	306.08	1.87	PASS
13125.00†	7163.44	172.14	-5409.22	7234.96	7167.13	705.08	-5097.78	90.20	617.28	292.02	2.12	PASS
13225.00†	7162.87	169.77	-5509.19	7232.95	7165.11	705.12	-5097.81	89.98	675.15	275.99	2.45	PASS
13325.00†	7162.30	167.40	-5609.16	7230.95	7163.12	705.15	-5097.84	89.76	742.04	259.97	2.86	PASS
13425.00†	7161.72	165.03	-5709.13	7228.96	7161.13	705.18	-5097.87	89.55	815.72	245.04	3.34	PASS
13525.00†	7161.15	162.66	-5809.10	7227.00	7159.17	705.21	-5097.90	89.33	894.52	231.61	3.87	PASS
13625.00†	7160.58	160.29	-5909.07	7225.05	7157.22	705.24	-5097.93	89.12	977.21	219.75	4.46	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	ISCWSA 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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	1206.28	-4386.66	-74.62	4549.49	50.19	92.40	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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-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	194.43	PASS	
200.00	200.00	0.00	0.00	199.00	200.00	-179.97	-1.39	-179.56	179.98	2.30	133.47	PASS	
225.00†	225.00	0.04	0.10	224.00	225.00	-179.97	-1.39	-179.56	179.98	2.45	120.72	PASS	
325.00†	324.96	0.99	2.54	322.76	323.76	-180.05	-1.34	-180.05	181.08	3.10	84.36	PASS	
425.00†	424.77	3.20	8.23	417.56	418.53	-182.01	-0.10	-182.01	185.50	4.07	59.39	PASS	
525.00†	524.30	6.67	17.17	511.97	512.78	-186.59	2.81	-186.59	194.13	5.28	44.79	PASS	
569.36	568.34	8.61	22.16	553.66	554.33	-189.45	4.62	-189.45	199.33	5.76	41.37	PASS	
625.00†	623.52	11.20	28.83	605.79	606.21	-193.74	7.34	-193.74	206.79	6.29	38.62	PASS	
725.00†	722.69	15.86	40.82	699.07	698.78	-203.41	13.47	-203.41	222.25	7.21	35.43	PASS	
825.00†	821.86	20.51	52.80	791.66	790.25	-215.51	21.15	-215.51	240.22	8.12	33.44	PASS	
925.00†	921.03	25.17	64.79	883.37	880.35	-229.96	30.31	-229.96	260.64	9.08	32.01	PASS	
1025.00†	1020.20	29.82	76.77	974.04	968.84	-246.63	40.89	-246.63	283.46	9.94	31.46	PASS	
1125.00†	1119.37	34.48	88.76	1070.70	1062.81	-265.77	53.03	-265.77	307.61	10.75	31.34	PASS	
1225.00†	1218.54	39.13	100.74	1167.69	1157.09	-284.98	65.21	-284.98	331.79	11.61	31.08	PASS	
1325.00†	1317.71	43.79	112.73	1264.68	1251.37	-304.19	77.40	-304.19	356.00	12.43	30.96	PASS	
1425.00†	1416.88	48.44	124.71	1361.67	1345.65	-323.40	89.58	-323.40	380.23	13.40	30.51	PASS	
1525.00†	1516.05	53.10	136.70	1458.65	1439.93	-342.61	101.77	-342.61	404.47	14.31	30.23	PASS	
1625.00†	1615.22	57.75	148.68	1555.64	1534.21	-361.82	113.95	-361.82	428.73	15.24	29.97	PASS	
1725.00†	1714.39	62.41	160.67	1652.63	1628.50	-381.03	126.13	-381.03	453.00	16.17	29.72	PASS	
1825.00†	1813.56	67.06	172.65	1749.61	1722.78	-400.24	138.32	-400.24	477.28	16.63	30.02	PASS	
1925.00†	1912.73	71.72	184.64	1846.60	1817.06	-419.45	150.50	-419.45	501.57	16.83	31.06	PASS	
2025.00†	2011.90	76.37	196.62	1943.59	1911.34	-438.66	162.69	-438.66	525.86	16.97	32.30	PASS	
2125.00†	2111.07	81.03	208.61	2040.57	2005.62	-457.87	174.87	-457.87	550.16	17.18	33.37	PASS	
2225.00†	2210.24	85.69	220.59	2137.56	2099.90	-477.08	187.06	-477.08	574.46	17.46	34.26	PASS	
2325.00†	2309.41	90.34	232.58	2234.55	2194.18	-496.29	199.24	-496.29	598.77	17.80	34.98	PASS	
2425.00†	2408.58	95.00	244.56	2331.54	2288.47	-515.50	211.43	-515.50	623.09	18.22	35.55	PASS	
2525.00†	2507.75	99.65	256.55	2428.52	2382.75	-534.71	223.61	-534.71	647.40	18.69	35.97	PASS	
2625.00†	2606.92	104.31	268.53	2525.51	2477.03	-553.93	235.80	-553.93	671.72	19.21	36.26	PASS	
2725.00†	2706.09	108.96	280.52	2622.50	2571.31	-573.14	247.98	-573.14	696.05	19.79	36.44	PASS	
2825.00†	2805.26	113.62	292.50	2719.48	2665.59	-592.35	260.16	-592.35	720.37	20.42	36.52	PASS	
2925.00†	2904.43	118.27	304.49	2816.47	2759.87	-611.56	272.35	-611.56	744.70	21.08	36.52	PASS	
3025.00†	3003.60	122.93	316.47	2913.46	2854.15	-630.77	284.53	-630.77	769.03	21.78	36.46	PASS	
3125.00†	3102.77	127.58	328.46	3010.45	2948.44	-649.98	296.72	-649.98	793.36	22.52	36.34	PASS	
3225.00†	3201.94	132.24	340.44	3107.43	3042.72	-669.19	308.90	-669.19	817.70	23.29	36.18	PASS	
3325.00†	3301.11	136.89	352.43	3204.42	3137.00	-688.40	321.09	-688.40	842.03	24.08	35.99	PASS	
3425.00†	3400.28	141.55	364.41	3301.41	3231.28	-707.61	333.27	-707.61	866.37	24.90	35.78	PASS	
3525.00†	3499.45	146.21	376.40	3398.39	3325.56	-726.82	345.46	-726.82	890.71	25.74	35.55	PASS	
3625.00†	3598.62	150.86	388.39	3495.38	3419.84	-746.03	357.64	-746.03	915.05	26.61	35.30	PASS	
3725.00†	3697.79	155.52	400.37	3592.37	3514.12	-765.24	369.82	-765.24	939.39	27.49	35.05	PASS	
3825.00†	3796.96	160.17	412.36	3689.35	3608.41	-784.45	382.01	-784.45	963.73	28.39	34.79	PASS	
3925.00†	3896.13	164.83	424.34	3786.34	3702.69	-803.66	394.19	-803.66	988.08	29.30	34.54	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

## 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	-109.71	-0.85	-176.87	41.75
9.625in Casing Surface	25.00	1750.00	1725.00	26.00	1723.15	-109.71	-0.85	-176.87	41.75
8.5in Open Hole	1750.00	17868.70	16118.70	1723.15	N/A	-176.87	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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

CLEARANCE DATA - Offset Wellbore: DONN 32C-20-L PWB Offset Wellpath: DONN 32C-20-L PWP (REV-A.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	-200.01	-1.39	-179.60	200.01	1.26	663.50	PASS	
125.00†	125.00	0.00	0.00	124.00	125.00	-200.01	-1.39	-179.60	200.01	1.88	216.09	PASS	
200.00	200.00	0.00	0.00	199.00	200.00	-200.01	-1.39	-179.60	200.01	2.30	148.98	PASS	
225.00†	225.00	0.04	0.10	222.62	223.62	-200.09	-1.35	111.64	200.14	2.44	135.02	PASS	
325.00†	324.96	0.99	2.54	316.79	317.76	-202.09	-0.24	111.91	203.23	3.34	85.19	PASS	
425.00†	424.77	3.20	8.23	410.63	411.44	-206.79	2.35	112.51	210.49	4.63	57.19	PASS	
525.00†	524.30	6.67	17.17	503.85	504.28	-214.11	6.38	113.35	221.94	5.75	46.18	PASS	
569.36	568.34	8.61	22.16	544.94	545.10	-218.17	8.63	113.77	228.37	6.20	43.40	PASS	
625.00†	623.52	11.20	28.83	596.26	595.99	-223.97	11.83	114.40	237.38	6.72	41.09	PASS	
725.00†	722.69	15.86	40.82	687.91	686.56	-236.30	18.63	115.11	255.70	7.62	38.26	PASS	
825.00†	821.86	20.51	52.80	778.67	775.75	-251.01	26.74	115.39	276.64	8.61	36.05	PASS	
925.00†	921.03	25.17	64.79	868.37	863.32	-267.97	36.10	115.32	300.14	9.44	35.30	PASS	
1025.00†	1020.20	29.82	76.77	960.59	952.76	-287.63	46.94	114.99	325.90	10.27	34.90	PASS	
1125.00†	1119.37	34.48	88.76	1057.08	1046.25	-308.57	58.49	114.66	352.05	11.09	34.69	PASS	
1225.00†	1218.54	39.13	100.74	1153.58	1139.74	-329.51	70.05	114.37	378.22	11.89	34.53	PASS	
1325.00†	1317.71	43.79	112.73	1250.08	1233.23	-350.46	81.60	114.12	404.40	12.79	34.12	PASS	
1425.00†	1416.88	48.44	124.71	1346.58	1326.71	-371.40	93.16	113.90	430.58	13.67	33.81	PASS	
1525.00†	1516.05	53.10	136.70	1443.08	1420.20	-392.35	104.71	113.70	456.76	14.57	33.51	PASS	
1625.00†	1615.22	57.75	148.68	1539.58	1513.69	-413.29	116.26	113.53	482.95	15.48	33.21	PASS	
1725.00†	1714.39	62.41	160.67	1636.08	1607.18	-434.24	127.82	113.37	509.15	16.40	32.92	PASS	
1825.00†	1813.56	67.06	172.65	1732.58	1700.67	-455.18	139.37	113.23	535.34	16.90	33.11	PASS	
1925.00†	1912.73	71.72	184.64	1829.08	1794.15	-476.13	150.93	113.10	561.54	17.25	33.90	PASS	
2025.00†	2011.90	76.37	196.62	1925.58	1887.64	-497.07	162.48	112.99	587.75	17.60	34.75	PASS	
2125.00†	2111.07	81.03	208.61	2022.08	1981.13	-518.02	174.03	112.88	613.95	18.03	35.41	PASS	
2225.00†	2210.24	85.69	220.59	2118.58	2074.62	-538.96	185.59	112.78	640.16	18.52	35.89	PASS	
2325.00†	2309.41	90.34	232.58	2215.08	2168.11	-559.91	197.14	112.69	666.37	19.09	36.22	PASS	
2425.00†	2408.58	95.00	244.56	2311.58	2261.59	-580.85	208.70	112.61	692.57	19.71	36.42	PASS	
2525.00†	2507.75	99.65	256.55	2408.08	2355.08	-601.80	220.25	112.53	718.79	20.38	36.51	PASS	
2625.00†	2606.92	104.31	268.53	2504.58	2448.57	-622.74	231.80	112.46	745.00	21.10	36.50	PASS	
2725.00†	2706.09	108.96	280.52	2601.08	2542.06	-643.68	243.36	112.39	771.21	21.86	36.42	PASS	
2825.00†	2805.26	113.62	292.50	2697.58	2635.55	-664.63	254.91	112.33	797.42	22.67	36.28	PASS	
2925.00†	2904.43	118.27	304.49	2794.08	2729.03	-685.57	266.47	112.27	823.64	23.51	36.10	PASS	
3025.00†	3003.60	122.93	316.47	2890.58	2822.52	-706.52	278.02	112.22	849.85	24.38	35.88	PASS	
3125.00†	3102.77	127.58	328.46	2987.08	2916.01	-727.46	289.57	112.17	876.07	25.27	35.63	PASS	
3225.00†	3201.94	132.24	340.44	3083.58	3009.50	-748.41	301.13	112.12	902.29	26.20	35.37	PASS	
3325.00†	3301.11	136.89	352.43	3180.08	3102.99	-769.35	312.68	112.07	928.50	27.14	35.10	PASS	
3425.00†	3400.28	141.55	364.41	3276.57	3196.47	-790.30	324.23	112.03	954.72	28.11	34.82	PASS	
3525.00†	3499.45	146.21	376.40	3373.07	3289.96	-811.24	335.79	111.99	980.94	29.09	34.54	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: DONN 32C-20-L PWB Offset Wellpath: DONN 32C-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

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

HOLE & CASING SECTIONS - Offset Wellbore: DONN 32C-20-L PWB Offset Wellpath: DONN 32C-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	26.00	1717.54	-121.93	-0.85	-200.86	42.69
9.625in Casing Surface	25.00	1750.00	1725.00	26.00	1717.54	-121.93	-0.85	-200.86	42.69
8.5in Open Hole	1750.00	18054.26	16304.26	1717.54	7147.00	-200.86	42.69	-653.29	-3111.94

SURVEY PROGRAM - Offset Wellbore: DONN 32C-20-L PWB Offset Wellpath: DONN 32C-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 32C-20-L PWB
1750.00	18054.26	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-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	52.85	-4395.21	-89.31	4395.53	50.17	89.31	PASS
125.00†	125.00	0.00	0.00	101.31	124.31	52.83	-4395.22	-89.31	4395.54	50.18	89.29	PASS
200.00	200.00	0.00	0.00	459.83	482.48	59.23	-4385.27	-89.23	4394.76	50.21	89.22	PASS
225.00†	225.00	0.04	0.10	502.73	525.19	62.03	-4382.40	-157.97	4393.20	50.22	89.16	PASS
325.00†	324.96	0.99	2.54	971.86	987.80	113.59	-4326.86	-157.41	4381.29	50.31	88.77	PASS
425.00†	424.77	3.20	8.23	1041.55	1055.88	124.29	-4316.45	-157.36	4372.17	50.52	88.20	PASS
525.00†	524.30	6.67	17.17	1129.15	1141.50	137.65	-4303.70	-157.26	4366.69	50.75	87.69	PASS
569.36	568.34	8.61	22.16	1168.12	1179.62	143.49	-4298.10	-157.22	4365.38	50.85	87.49	PASS
625.00†	623.52	11.20	28.83	1222.98	1233.32	151.60	-4290.28	-157.14	4364.21	50.96	87.27	PASS
725.00†	722.69	15.86	40.82	1354.24	1361.70	171.01	-4271.04	-156.97	4361.71	51.20	86.80	PASS
825.00†	821.86	20.51	52.80	1428.84	1434.62	182.05	-4259.85	-156.87	4358.97	51.43	86.36	PASS
925.00†	921.03	25.17	64.79	1478.90	1483.68	189.22	-4252.90	-156.80	4357.29	51.64	85.96	PASS
1025.00†	1020.20	29.82	76.77	1529.02	1532.91	196.14	-4246.51	-156.74	4356.76	51.86	85.58	PASS
1125.00†	1119.37	34.48	88.76	1579.19	1582.28	202.84	-4240.69	-156.68	4357.38	52.08	85.23	PASS
1225.00†	1218.54	39.13	100.74	1670.60	1672.29	215.30	-4230.71	-156.58	4358.72	52.36	84.79	PASS
1325.00†	1317.71	43.79	112.73	1757.68	1758.02	227.35	-4221.36	-156.47	4360.26	52.65	84.34	PASS
1425.00†	1416.88	48.44	124.71	1876.61	1875.30	242.35	-4208.51	-156.35	4361.72	53.01	83.79	PASS
1525.00†	1516.05	53.10	136.70	1934.54	1932.44	249.65	-4202.42	-156.29	4363.48	53.28	83.39	PASS
1625.00†	1615.22	57.75	148.68	2115.64	2111.01	272.67	-4182.94	-156.10	4365.20	53.80	82.60	PASS
1725.00†	1714.39	62.41	160.67	2261.03	2254.12	290.76	-4164.80	-155.95	4364.99	54.27	81.86	PASS
1825.00†	1813.56	67.06	172.65	2391.25	2382.14	307.57	-4147.87	-155.81	4364.41	54.45	81.19	PASS
1925.00†	1912.73	71.72	184.64	2511.45	2500.01	323.70	-4130.75	-155.67	4362.45	54.85	80.56	PASS
2025.00†	2011.90	76.37	196.62	2591.01	2578.14	333.94	-4119.71	-155.58	4360.93	55.18	80.05	PASS
2125.00†	2111.07	81.03	208.61	2746.05	2730.25	354.54	-4097.95	-155.40	4359.43	55.72	79.23	PASS
2225.00†	2210.24	85.69	220.59	2871.23	2852.31	374.20	-4078.40	-155.21	4356.24	56.22	78.46	PASS
2325.00†	2309.41	90.34	232.58	2947.49	2926.78	385.75	-4066.71	-155.10	4353.42	56.63	77.84	PASS
2425.00†	2408.58	95.00	244.56	3118.23	3093.77	409.61	-4040.28	-154.89	4350.67	57.30	76.87	PASS
2525.00†	2507.75	99.65	256.55	3170.56	3144.94	416.60	-4031.87	-154.83	4347.07	57.67	76.31	PASS
2625.00†	2606.92	104.31	268.53	3265.30	3237.78	428.81	-4017.50	-154.72	4344.35	58.16	75.60	PASS
2725.00†	2706.09	108.96	280.52	3356.66	3327.25	440.77	-4003.38	-154.62	4341.40	58.67	74.89	PASS
2825.00†	2805.26	113.62	292.50	3411.75	3381.26	447.89	-3995.17	-154.55	4339.09	59.08	74.32	PASS
2925.00†	2904.43	118.27	304.49	3449.20	3418.04	452.73	-3990.12	-154.51	4338.13	59.44	73.86	PASS
3025.00†	3003.60	122.93	316.47	3488.57	3456.80	457.81	-3985.39	-154.47	4338.62	59.80	73.41	PASS
3125.00†	3102.77	127.58	328.46	3594.12	3560.67	471.86	-3972.98	-154.35	4339.42	60.41	72.68	PASS
3225.00†	3201.94	132.24	340.44	3629.27	3595.27	476.73	-3969.17	-154.31	4341.21	60.77	72.27	PASS
3325.00†	3301.11	136.89	352.43	3664.38	3629.87	481.69	-3965.87	-154.26	4344.50	61.14	71.89	PASS
3425.00†	3400.28	141.55	364.41	3912.60	3873.60	521.54	-3941.28	-153.90	4348.26	62.39	70.48	PASS
3525.00†	3499.45	146.21	376.40	4110.89	4067.51	553.00	-3914.32	-153.60	4347.23	63.48	69.25	PASS
3625.00†	3598.62	150.86	388.39	4270.31	4223.66	574.06	-3890.16	-153.41	4344.63	64.39	68.22	PASS
3725.00†	3697.79	155.52	400.37	4310.75	4263.30	579.35	-3884.13	-153.37	4342.39	64.87	67.67	PASS
3825.00†	3796.96	160.17	412.36	4361.70	4313.38	585.76	-3877.27	-153.31	4341.51	65.39	67.11	PASS
3925.00†	3896.13	164.83	424.34	4449.21	4399.38	597.22	-3865.86	-153.21	4341.21	66.06	66.42	PASS
4025.00†	3995.30	169.48	436.33	4514.05	4463.14	605.82	-3857.78	-153.14	4341.50	66.65	65.83	PASS
4125.00†	4094.47	174.14	448.31	4621.66	4569.15	619.08	-3844.94	-153.03	4342.27	67.42	65.08	PASS
4225.00†	4193.64	178.79	460.30	4672.82	4619.66	624.72	-3839.01	-152.99	4343.31	67.95	64.58	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	4719.36	4665.68	629.60	-3834.23	-152.95	4345.59	68.47	64.12	PASS
4425.00†	4391.98	188.10	484.27	4842.25	4787.37	641.50	-3821.87	-152.88	4347.96	69.30	63.38	PASS
4525.00†	4491.15	192.76	496.25	4896.42	4841.08	646.37	-3816.72	-152.85	4350.85	69.85	62.92	PASS
4625.00†	4590.32	197.41	508.24	4957.73	4901.94	651.65	-3811.53	-152.82	4354.74	70.42	62.46	PASS
4725.00†	4689.49	202.07	520.22	5022.75	4966.54	657.09	-3806.56	-152.79	4359.45	71.01	62.00	PASS
4825.00†	4788.66	206.73	532.21	5087.73	5031.15	662.39	-3802.12	-152.76	4364.96	71.61	61.55	PASS
4925.00†	4887.83	211.38	544.19	5154.18	5097.29	667.47	-3798.15	-152.75	4371.25	72.20	61.13	PASS
5025.00†	4987.00	216.04	556.18	5221.10	5163.98	671.82	-3794.73	-152.74	4378.29	72.79	60.73	PASS
5125.00†	5086.17	220.69	568.16	5287.95	5230.67	675.37	-3791.90	-152.74	4386.08	73.39	60.34	PASS
5225.00†	5185.33	225.35	580.15	5368.95	5311.54	678.91	-3789.03	-152.75	4394.47	74.03	59.92	PASS
5325.00†	5284.50	230.00	592.13	5451.28	5393.78	682.01	-3786.50	-152.77	4403.25	74.68	59.52	PASS
5425.00†	5383.67	234.66	604.12	5533.54	5475.96	684.61	-3784.34	-152.79	4412.43	75.33	59.12	PASS
5525.00†	5482.84	239.31	616.10	5614.63	5557.01	686.71	-3782.59	-152.83	4422.00	75.98	58.74	PASS
5625.00†	5582.01	243.97	628.09	5694.28	5636.63	688.39	-3781.25	-152.87	4432.01	76.62	58.38	PASS
5725.00†	5681.18	248.62	640.07	5773.84	5716.17	689.73	-3780.31	-152.91	4442.47	77.26	58.02	PASS
5825.00†	5780.35	253.28	652.06	5853.28	5795.61	690.73	-3779.76	-152.95	4453.38	77.90	57.68	PASS
5925.00†	5879.52	257.93	664.04	5935.57	5877.89	691.52	-3779.56	-153.01	4464.70	78.55	57.35	PASS
6025.00†	5978.69	262.59	676.03	6018.24	5960.56	692.27	-3779.67	-153.06	4476.40	79.21	57.02	PASS
6125.00†	6077.86	267.25	688.01	6100.83	6043.14	692.97	-3780.09	-153.11	4488.47	79.87	56.69	PASS
6225.00†	6177.03	271.90	700.00	6191.39	6133.69	693.71	-3780.86	-153.17	4500.88	80.57	56.35	PASS
6325.00†	6276.20	276.56	711.98	6294.44	6236.74	694.68	-3781.73	-153.24	4513.29	81.33	55.97	PASS
6425.00†	6375.37	281.21	723.97	6397.53	6339.82	695.81	-3782.48	-153.30	4525.62	82.11	55.59	PASS
6525.00†	6474.54	285.87	735.95	6492.51	6434.79	696.99	-3783.13	-153.35	4537.92	82.85	55.24	PASS
6532.63	6482.11	286.22	736.87	6499.37	6441.65	697.08	-3783.18	-153.36	4538.86	82.91	55.21	PASS
6625.00†	6574.20	290.39	741.26	6582.92	6525.19	698.18	-3783.91	-153.41	4543.77	83.57	54.83	PASS
6725.00†	6673.48	294.52	730.94	6673.12	6615.37	699.41	-3784.87	-153.47	4554.30	84.46	54.13	PASS
6825.00†	6769.94	298.18	705.22	6756.59	6698.83	700.59	-3785.93	-153.53	4569.70	85.83	52.97	PASS
6925.00†	6861.20	301.25	664.71	6830.50	6772.72	701.49	-3787.17	2.04	4470.71	87.02	51.79	PASS
7025.00†	6945.03	303.68	610.42	6898.91	6841.12	702.16	-3788.60	3.98	4418.26	88.05	50.58	PASS
7125.00†	7019.34	305.39	543.69	6960.24	6902.42	702.64	-3790.11	5.88	4353.54	88.89	49.36	PASS
7225.00†	7082.33	306.35	466.16	7013.19	6955.35	702.95	-3791.58	8.27	4278.05	89.55	48.15	PASS
7325.00†	7132.43	306.53	379.73	7058.78	7000.92	703.30	-3792.95	11.94	4193.56	90.04	46.93	PASS
7425.00†	7168.40	305.93	286.54	7092.48	7034.60	703.68	-3793.99	18.77	4102.05	90.37	45.74	PASS
7525.00†	7189.38	304.57	188.88	7113.39	7055.50	703.96	-3794.66	35.40	4005.74	90.56	44.57	PASS
7613.44	7195.00	302.75	100.71	7120.74	7062.84	704.08	-3794.89	77.44	3918.45	90.65	43.56	PASS
7625.00†	7194.93	302.47	89.15	7121.00	7063.11	704.08	-3794.90	77.47	3906.98	90.66	43.43	PASS
7725.00†	7194.36	300.10	-10.82	7123.29	7065.40	704.11	-3794.98	77.73	3807.85	90.72	42.29	PASS
7825.00†	7193.79	297.73	-110.79	7125.60	7067.70	704.15	-3795.05	77.99	3708.75	90.81	41.16	PASS
7925.00†	7193.22	295.36	-210.76	7127.91	7070.01	704.19	-3795.13	78.24	3609.71	90.91	40.01	PASS
8025.00†	7192.64	292.99	-310.73	7130.24	7072.34	704.23	-3795.20	78.50	3510.72	91.03	38.86	PASS
8125.00†	7192.07	290.63	-410.70	7132.57	7074.67	704.26	-3795.28	78.76	3411.78	91.18	37.70	PASS
8225.00†	7191.50	288.26	-510.67	7134.92	7077.01	704.30	-3795.36	79.03	3312.91	91.35	36.54	PASS
8325.00†	7190.93	285.89	-610.64	7137.27	7079.37	704.34	-3795.43	79.29	3214.10	91.56	35.37	PASS
8425.00†	7190.35	283.52	-710.61	7139.64	7081.73	704.38	-3795.51	79.56	3115.37	91.80	34.19	PASS
8525.00†	7189.78	281.15	-810.58	7142.02	7084.11	704.42	-3795.59	79.83	3016.72	92.09	33.01	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

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DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
8625.00†	7189.21	278.78	-910.55	7144.41	7086.50	704.47	-3795.67	80.10	2918.16	92.42	31.81	PASS	
8725.00†	7188.64	276.41	-1010.52	7146.81	7088.89	704.51	-3795.75	80.37	2819.70	92.80	30.61	PASS	
8825.00†	7188.06	274.04	-1110.49	7149.22	7091.30	704.55	-3795.83	80.64	2721.34	93.25	29.40	PASS	
8925.00†	7187.49	271.67	-1210.46	7151.64	7093.72	704.60	-3795.91	80.91	2623.11	93.77	28.18	PASS	
9025.00†	7186.92	269.30	-1310.44	7154.07	7096.16	704.64	-3795.99	81.19	2525.02	94.38	26.95	PASS	
9125.00†	7186.34	266.93	-1410.41	7156.52	7098.60	704.69	-3796.07	81.47	2427.08	95.08	25.71	PASS	
9225.00†	7185.77	264.56	-1510.38	7158.97	7101.05	704.73	-3796.15	81.75	2329.31	95.89	24.46	PASS	
9325.00†	7185.20	262.19	-1610.35	7161.44	7103.52	704.78	-3796.23	82.03	2231.74	96.84	23.21	PASS	
9425.00†	7184.63	259.82	-1710.32	7163.92	7106.00	704.83	-3796.32	82.31	2134.39	97.94	21.94	PASS	
9525.00†	7184.05	257.45	-1810.29	7166.41	7108.48	704.88	-3796.40	82.59	2037.29	99.22	20.67	PASS	
9625.00†	7183.48	255.08	-1910.26	7168.91	7110.98	704.93	-3796.48	82.88	1940.48	100.71	19.40	PASS	
9725.00†	7182.91	252.71	-2010.23	7171.43	7113.50	704.98	-3796.57	83.17	1844.01	102.45	18.12	PASS	
9825.00†	7182.34	250.34	-2110.20	7173.95	7116.02	705.03	-3796.65	83.46	1747.93	104.48	16.84	PASS	
9925.00†	7181.76	247.97	-2210.17	7176.49	7118.56	705.08	-3796.74	83.75	1652.32	106.86	15.56	PASS	
10025.00†	7181.19	245.60	-2310.14	7179.04	7121.11	705.13	-3796.83	84.04	1557.25	109.65	14.29	PASS	
10125.00†	7180.62	243.23	-2410.11	7181.61	7123.67	705.19	-3796.91	84.34	1462.83	112.92	13.03	PASS	
10225.00†	7180.05	240.86	-2510.08	7184.18	7126.24	705.24	-3797.00	84.63	1369.20	116.78	11.79	PASS	
10325.00†	7179.47	238.49	-2610.05	7186.77	7128.83	705.30	-3797.09	84.93	1276.53	121.34	10.58	PASS	
10425.00†	7178.90	236.12	-2710.02	7189.37	7131.42	705.35	-3797.18	85.23	1185.05	126.73	9.40	PASS	
10525.00†	7178.33	233.75	-2809.99	7191.98	7134.03	705.41	-3797.27	85.53	1095.05	133.14	8.26	PASS	
10625.00†	7177.76	231.38	-2909.96	7194.60	7136.66	705.47	-3797.36	85.83	1006.94	140.75	7.19	PASS	
10725.00†	7177.18	229.01	-3009.93	7197.24	7139.29	705.53	-3797.45	86.14	921.24	149.82	6.17	PASS	
10825.00†	7176.61	226.64	-3109.90	7199.89	7141.94	705.59	-3797.54	86.44	838.71	160.59	5.24	PASS	
10925.00†	7176.04	224.27	-3209.87	7202.55	7144.60	705.65	-3797.63	86.75	760.38	173.31	4.40	PASS	
11025.00†	7175.47	221.90	-3309.84	7205.23	7147.27	705.71	-3797.72	87.06	687.67	188.09	3.67	PASS	
11125.00†	7174.89	219.53	-3409.81	7207.92	7149.96	705.77	-3797.82	87.37	622.57	204.72	3.05	PASS	
11225.00†	7174.32	217.16	-3509.78	7210.62	7152.66	705.84	-3797.91	87.68	567.70	222.34	2.56	PASS	
11325.00†	7173.75	214.79	-3609.75	7213.34	7155.38	705.90	-3798.01	87.99	526.27	238.99	2.21	PASS	
11425.00†	7173.17	212.42	-3709.72	7216.07	7158.10	705.97	-3798.10	88.31	501.62	251.73	2.00	PASS	
11501.85†	7172.73	210.60	-3786.55	7218.02	7160.06	706.01	-3798.17	88.53	495.71	256.97	1.93	PASS	
11525.00†	7172.60	210.06	-3809.69	7218.81	7160.84	706.03	-3798.20	88.63	496.25	257.63	1.93	PASS	
11625.00†	7172.03	207.69	-3909.66	7221.57	7163.60	706.10	-3798.30	88.94	510.78	255.63	2.00	PASS	
11725.00†	7171.46	205.32	-4009.63	7224.34	7166.36	706.17	-3798.39	89.26	543.60	247.24	2.20	PASS	
11825.00†	7170.88	202.95	-4109.60	7227.12	7169.14	706.24	-3798.49	89.59	591.69	235.25	2.52	PASS	
11925.00†	7170.31	200.58	-4209.57	7229.92	7171.94	706.31	-3798.59	89.91	651.67	222.19	2.94	PASS	
12025.00†	7169.74	198.21	-4309.54	7232.73	7174.75	706.38	-3798.69	90.23	720.58	209.59	3.45	PASS	
12125.00†	7169.17	195.84	-4409.51	7235.56	7177.57	706.46	-3798.79	90.56	796.11	198.16	4.03	PASS	
12225.00†	7168.59	193.47	-4509.48	7238.39	7180.41	706.53	-3798.89	90.89	876.54	188.10	4.67	PASS	
12325.00†	7168.02	191.10	-4609.45	7241.25	7183.26	706.61	-3798.99	91.22	960.64	179.37	5.37	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

POSITIONAL UNCERTAINTY - Offset Wellbore: EX. FRITZLER 11-21-4 AWP 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

**Clearance Report**  
DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1043.73	-24.76	-178.64	1044.02	1.26	3476.86	PASS
125.00†	125.00	0.00	0.00	128.36	132.36	-1043.34	-24.46	-178.66	1043.66	2.10	1072.91	PASS
200.00	200.00	0.00	0.00	206.07	210.06	-1042.68	-24.49	-178.65	1043.02	2.54	734.25	PASS
225.00†	225.00	0.04	0.10	228.39	232.39	-1042.49	-24.57	112.59	1042.85	2.68	669.89	PASS
325.00†	324.96	0.99	2.54	321.70	325.70	-1042.26	-24.72	112.71	1043.61	3.31	477.26	PASS
425.00†	424.77	3.20	8.23	423.60	427.59	-1042.05	-24.98	113.00	1045.78	4.11	350.55	PASS
525.00†	524.30	6.67	17.17	539.18	543.17	-1041.20	-25.43	113.53	1048.90	4.98	271.70	PASS
569.36	568.34	8.61	22.16	596.46	600.43	-1039.78	-25.96	113.89	1049.98	5.44	242.88	PASS
625.00†	623.52	11.20	28.83	673.85	677.75	-1036.67	-26.91	114.44	1050.75	6.09	211.34	PASS
725.00†	722.69	15.86	40.82	823.71	827.10	-1024.72	-28.91	115.55	1048.12	7.45	165.42	PASS
825.00†	821.86	20.51	52.80	974.01	976.08	-1005.32	-32.68	116.79	1040.88	8.30	144.86	PASS
925.00†	921.03	25.17	64.79	1097.26	1097.55	-985.10	-37.71	117.96	1030.68	9.57	121.93	PASS
1025.00†	1020.20	29.82	76.77	1233.57	1230.95	-957.95	-44.24	119.38	1017.23	7.72	154.01	PASS
1125.00†	1119.37	34.48	88.76	1344.98	1339.48	-933.43	-49.87	120.61	1002.25	11.48	96.64	PASS
1225.00†	1218.54	39.13	100.74	1446.95	1438.58	-909.82	-54.35	121.74	986.40	12.30	88.15	PASS
1325.00†	1317.71	43.79	112.73	1535.47	1524.70	-889.64	-57.63	122.71	971.17	13.04	81.44	PASS
1425.00†	1416.88	48.44	124.71	1632.84	1619.55	-867.97	-61.61	123.83	956.87	13.86	75.03	PASS
1525.00†	1516.05	53.10	136.70	1721.86	1706.26	-848.28	-65.81	124.92	943.23	14.67	69.55	PASS
1625.00†	1615.22	57.75	148.68	1818.29	1800.29	-827.42	-70.46	126.12	930.49	15.22	65.19	PASS
1725.00†	1714.39	62.41	160.67	1928.49	1907.50	-802.56	-76.02	127.57	917.33	15.76	61.94	PASS
1825.00†	1813.56	67.06	172.65	2022.86	1999.14	-780.70	-81.73	128.91	904.36	15.83	59.76	PASS
1925.00†	1912.73	71.72	184.64	2122.81	2096.19	-757.59	-87.66	130.35	891.94	16.01	58.24	PASS
2025.00†	2011.90	76.37	196.62	2223.07	2193.50	-734.04	-93.00	131.82	879.57	16.27	56.46	PASS
2125.00†	2111.07	81.03	208.61	2320.89	2288.41	-710.90	-98.03	133.28	867.54	16.61	54.51	PASS
2225.00†	2210.24	85.69	220.59	2419.59	2384.21	-687.59	-102.53	134.76	855.94	17.02	52.45	PASS
2325.00†	2309.41	90.34	232.58	2529.32	2490.62	-661.05	-106.20	136.38	843.92	17.52	50.16	PASS
2425.00†	2408.58	95.00	244.56	2624.04	2582.44	-637.91	-108.75	137.79	831.99	18.06	47.90	PASS
2525.00†	2507.75	99.65	256.55	2717.93	2673.46	-615.06	-111.61	139.24	820.86	18.64	45.73	PASS
2625.00†	2606.92	104.31	268.53	2807.85	2760.67	-593.45	-115.12	140.70	810.98	19.27	43.66	PASS
2725.00†	2706.09	108.96	280.52	2899.54	2849.64	-571.78	-119.71	142.27	802.62	19.94	41.70	PASS
2825.00†	2805.26	113.62	292.50	2995.30	2942.55	-549.13	-124.84	143.96	795.15	20.67	39.81	PASS
2925.00†	2904.43	118.27	304.49	3088.53	3032.98	-527.16	-130.44	145.67	788.85	21.42	38.06	PASS
3025.00†	3003.60	122.93	316.47	3182.07	3123.70	-505.18	-136.47	147.42	783.65	22.20	36.43	PASS
3125.00†	3102.77	127.58	328.46	3277.86	3216.63	-482.88	-143.04	149.26	779.71	23.02	34.91	PASS
3225.00†	3201.94	132.24	340.44	3380.31	3316.01	-458.90	-149.56	151.21	776.25	23.89	33.45	PASS
3325.00†	3301.11	136.89	352.43	3486.19	3418.76	-433.87	-154.89	153.18	772.65	24.80	32.04	PASS
3425.00†	3400.28	141.55	364.41	3592.05	3521.50	-408.63	-158.46	155.09	768.63	25.73	30.68	PASS
3525.00†	3499.45	146.21	376.40	3686.22	3613.04	-386.64	-160.77	156.72	765.10	26.63	29.49	PASS
3625.00†	3598.62	150.86	388.39	3788.31	3712.11	-362.13	-163.31	158.55	761.84	27.58	28.33	PASS
3725.00†	3697.79	155.52	400.37	3876.24	3797.34	-340.76	-166.37	160.20	759.86	28.49	27.33	PASS
3825.00†	3796.96	160.17	412.36	3964.14	3882.54	-319.55	-170.61	161.90	759.81	29.41	26.45	PASS
3925.00†	3896.13	164.83	424.34	4050.84	3966.53	-298.79	-176.13	163.62	761.88	30.33	25.69	PASS
4025.00†	3995.30	169.48	436.33	4141.82	4054.72	-277.42	-182.78	165.43	765.86	31.29	25.02	PASS
4125.00†	4094.47	174.14	448.31	4237.89	4148.07	-255.74	-189.45	167.26	770.97	32.27	24.40	PASS
4225.00†	4193.64	178.79	460.30	4331.59	4239.03	-234.34	-196.49	169.05	777.24	33.24	23.87	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



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DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	4430.92	4335.31	-211.22	-204.27	170.96	784.40	34.27	23.35	PASS
4425.00†	4391.98	188.10	484.27	4537.52	4438.63	-186.08	-211.74	172.96	791.59	35.34	22.84	PASS
4525.00†	4491.15	192.76	496.25	4632.37	4530.60	-163.61	-217.46	174.68	798.71	36.34	22.39	PASS
4625.00†	4590.32	197.41	508.24	4728.73	4624.25	-141.71	-223.41	176.35	807.14	37.36	22.00	PASS
4725.00†	4689.49	202.07	520.22	4826.10	4719.17	-120.64	-228.72	177.91	816.04	38.37	21.65	PASS
4825.00†	4788.66	206.73	532.21	4943.77	4833.69	-94.17	-234.15	179.79	824.54	39.52	21.23	PASS
4925.00†	4887.83	211.38	544.19	5057.41	4944.19	-67.77	-236.44	-178.45	830.96	40.65	20.78	PASS
5025.00†	4987.00	216.04	556.18	5149.59	5033.61	-45.45	-238.06	-176.99	837.47	41.65	20.44	PASS
5125.00†	5086.17	220.69	568.16	5233.94	5115.86	-26.84	-240.00	-175.79	845.74	42.59	20.18	PASS
5225.00†	5185.33	225.35	580.15	5318.94	5199.33	-11.03	-242.55	-174.77	856.09	43.52	19.98	PASS
5325.00†	5284.50	230.00	592.13	5410.67	5289.64	4.66	-245.97	-173.78	867.88	44.49	19.81	PASS
5425.00†	5383.67	234.66	604.12	5505.40	5382.20	24.22	-250.75	-172.54	880.39	45.50	19.64	PASS
5525.00†	5482.84	239.31	616.10	5599.98	5473.62	47.68	-256.84	-171.07	893.78	46.52	19.49	PASS
5625.00†	5582.01	243.97	628.09	5692.51	5562.97	70.91	-262.95	-169.65	907.89	47.54	19.37	PASS
5725.00†	5681.18	248.62	640.07	5783.29	5650.55	93.87	-269.62	-168.28	923.27	48.55	19.28	PASS
5825.00†	5780.35	253.28	652.06	5878.16	5742.20	117.31	-276.79	-166.93	939.52	49.60	19.20	PASS
5925.00†	5879.52	257.93	664.04	5973.32	5834.04	141.10	-284.07	-165.60	956.37	50.64	19.14	PASS
6025.00†	5978.69	262.59	676.03	6068.38	5939.46	167.94	-291.92	-164.15	973.35	51.82	19.03	PASS
6125.00†	6077.86	267.25	688.01	6164.74	6048.36	194.91	-298.09	-162.77	989.19	53.01	18.90	PASS
6225.00†	6177.03	271.90	700.00	6312.77	6163.04	222.49	-302.25	-161.42	1003.56	54.23	18.74	PASS
6325.00†	6276.20	276.56	711.98	6411.51	6260.36	246.81	-307.00	-160.10	1017.93	55.44	18.59	PASS
6425.00†	6375.37	281.21	723.97	6512.71	6360.33	266.30	-311.74	-158.77	1032.30	56.65	18.44	PASS
6525.00†	6474.54	285.87	735.95	6613.56	6460.31	285.79	-316.48	-157.44	1046.67	57.86	18.29	PASS
6532.63	6482.11	286.22	736.87	6614.39	6460.31	285.79	-316.48	-157.44	1046.67	57.86	18.29	PASS
6625.00†	6574.20	290.39	741.26	6714.22	6560.29	305.28	-321.22	-156.11	1061.04	59.07	18.14	PASS
6725.00†	6673.48	294.52	750.94	6815.15	6660.26	324.77	-325.96	-154.78	1075.41	60.28	17.99	PASS
6825.00†	6769.94	298.18	755.22	6916.08	6760.23	344.26	-330.70	-153.45	1089.78	61.49	17.84	PASS
6925.00†	6861.20	301.25	764.71	7017.01	6860.20	363.75	-335.44	-152.12	1104.15	62.70	17.69	PASS
7025.00†	6945.03	303.68	774.20	7117.94	6960.17	383.24	-340.18	-150.79	1118.52	63.91	17.54	PASS
7125.00†	7019.34	305.39	783.69	7218.87	7060.14	402.73	-344.92	-149.46	1132.89	65.12	17.39	PASS
7225.00†	7082.33	306.35	792.18	7319.80	7160.11	422.22	-349.66	-148.13	1147.26	66.33	17.24	PASS
7325.00†	7132.43	306.53	799.67	7420.73	7260.08	441.71	-354.40	-146.80	1161.63	67.54	17.09	PASS
7425.00†	7168.40	305.93	806.16	7521.66	7360.05	461.20	-359.14	-145.47	1176.00	68.75	16.94	PASS
7525.00†	7189.38	304.57	811.65	7622.59	7460.02	480.69	-363.88	-144.14	1190.37	69.96	16.79	PASS
7613.44	7195.00	302.75	800.71	7507.52	7164.20	463.79	-364.12	-144.12	1190.37	69.96	16.79	PASS
7625.00†	7194.93	302.47	89.15	7497.22	7160.50	462.71	-363.88	-144.14	1190.37	69.96	16.79	PASS
7629.01†	7194.91	302.38	85.14	7493.67	7159.20	462.33	-363.41	-144.12	1190.37	69.96	16.79	PASS
7630.13†	7194.90	302.35	84.02	7492.89	7158.91	462.25	-363.33	-144.12	1190.37	69.96	16.79	PASS
7725.00†	7194.36	300.10	-10.82	7412.29	7124.38	453.75	-363.88	-144.14	1190.37	69.96	16.79	PASS
7825.00†	7193.79	297.73	-110.79	7335.35	7083.28	444.06	-363.88	-144.14	1190.37	69.96	16.79	PASS
7925.00†	7193.22	295.36	-210.76	7268.94	7042.03	433.79	-363.88	-144.14	1190.37	69.96	16.79	PASS
8025.00†	7192.64	292.99	-310.73	7216.58	7005.90	424.54	-363.88	-144.14	1190.37	69.96	16.79	PASS
8125.00†	7192.07	290.63	-410.70	7174.22	6974.14	416.67	-363.88	-144.14	1190.37	69.96	16.79	PASS
8225.00†	7191.50	288.26	-510.67	7138.59	6945.86	410.00	-363.88	-144.14	1190.37	69.96	16.79	PASS
8325.00†	7190.93	285.89	-610.64	7108.15	6920.70	404.57	-363.88	-144.14	1190.37	69.96	16.79	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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**BAKER  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7190.35	283.52	-710.61	7082.00	6898.41	400.12	-220.32	19.60	582.42	65.54	8.97	PASS	
8525.00†	7189.78	281.15	-810.58	7058.80	6878.15	396.25	-230.95	17.84	668.09	65.69	10.27	PASS	
8625.00†	7189.21	278.78	-910.55	7038.56	6860.17	392.78	-239.55	16.42	755.99	65.87	11.59	PASS	
8725.00†	7188.64	276.41	-1010.52	7020.93	6844.27	389.68	-246.53	15.26	845.64	66.05	12.93	PASS	
8825.00†	7188.06	274.04	-1110.49	7005.45	6830.16	386.90	-252.26	14.30	936.69	66.22	14.29	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	-636.26	-15.09	-570.61	-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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			
25.00	25.00	0.00	0.00	16.64	22.64	1335.58	-5705.20	-76.82	5859.45	50.17	119.06	PASS			
125.00†	125.00	0.00	0.00	781.39	784.01	1327.75	-5657.68	-76.79	5848.64	50.26	118.62	PASS			
200.00	200.00	0.00	0.00	814.12	816.24	1322.56	-5655.26	-76.84	5840.45	50.33	118.30	PASS			
225.00†	225.00	0.04	0.10	822.16	824.14	1321.17	-5654.73	-145.65	5837.94	50.35	118.19	PASS			
325.00†	324.96	0.99	2.54	848.02	849.54	1316.57	-5653.28	-145.78	5830.46	50.45	117.81	PASS			
425.00†	424.77	3.20	8.23	873.75	874.81	1311.82	-5652.21	-145.87	5827.14	50.57	117.44	PASS			
525.00†	524.30	6.67	17.17	899.28	899.86	1306.95	-5651.50	-145.92	5828.00	50.70	117.15	PASS			
569.36	568.34	8.61	22.16	910.52	910.88	1304.75	-5651.31	-145.93	5829.72	50.75	117.07	PASS			
625.00†	623.52	11.20	28.83	921.62	921.76	1302.56	-5651.19	-145.95	5832.60	50.80	117.01	PASS			
725.00†	722.69	15.86	40.82	940.91	940.67	1298.78	-5651.19	-146.00	5838.87	50.88	116.95	PASS			
825.00†	821.86	20.51	52.80	960.14	959.53	1295.04	-5651.44	-146.05	5846.52	50.96	116.91	PASS			
925.00†	921.03	25.17	64.79	979.31	978.33	1291.33	-5651.94	-146.10	5855.55	51.04	116.90	PASS			
1025.00†	1020.20	29.82	76.77	998.41	997.07	1287.66	-5652.70	-146.15	5865.96	51.12	116.93	PASS			
1125.00†	1119.37	34.48	88.76	1018.76	1017.02	1283.79	-5653.77	-146.21	5877.74	51.20	116.98	PASS			
1225.00†	1218.54	39.13	100.74	1039.95	1037.80	1279.88	-5655.13	-146.26	5890.85	51.28	117.06	PASS			
1325.00†	1317.71	43.79	112.73	1061.10	1058.54	1276.08	-5656.73	-146.32	5905.28	51.36	117.16	PASS			
1425.00†	1416.88	48.44	124.71	1082.20	1079.24	1272.42	-5658.58	-146.37	5921.03	51.43	117.30	PASS			
1525.00†	1516.05	53.10	136.70	1104.58	1101.18	1268.65	-5660.81	-146.43	5938.08	51.51	117.46	PASS			
1625.00†	1615.22	57.75	148.68	1137.94	1133.83	1262.86	-5664.53	-146.51	5956.30	51.61	117.58	PASS			
1725.00†	1714.39	62.41	160.67	1170.90	1165.95	1256.74	-5668.64	-146.60	5975.62	51.72	117.72	PASS			
1825.00†	1813.56	67.06	172.65	1203.94	1198.03	1250.22	-5673.16	-146.69	5996.03	51.82	117.99	PASS			
1925.00†	1912.73	71.72	184.64	1238.63	1231.56	1242.99	-5678.33	-146.80	6017.50	51.94	118.36	PASS			
2025.00†	2011.90	76.37	196.62	1272.87	1264.51	1235.50	-5683.82	-146.90	6040.02	51.97	118.73	PASS			
2125.00†	2111.07	81.03	208.61	1306.72	1296.94	1227.75	-5689.64	-147.01	6063.59	51.62	119.10	PASS			
2225.00†	2210.24	85.69	220.59	1340.19	1328.86	1219.74	-5695.77	-147.12	6088.20	51.67	119.46	PASS			
2325.00†	2309.41	90.34	232.58	1373.19	1360.17	1211.52	-5702.17	-147.23	6113.86	51.73	119.82	PASS			
2425.00†	2408.58	95.00	244.56	1406.46	1393.43	1203.29	-5708.25	-147.34	6140.32	51.79	120.19	PASS			
2525.00†	2507.75	99.65	256.55	1540.66	1517.79	1166.30	-5736.12	-147.82	6166.84	52.27	119.58	PASS			
2625.00†	2606.92	104.31	268.53	2429.89	2324.29	821.84	-5870.35	-151.75	6187.13	57.49	108.95	PASS			
2725.00†	2706.09	108.96	280.52	2464.33	2355.36	807.35	-5873.62	-151.90	6203.56	57.81	108.63	PASS			
2825.00†	2805.26	113.62	292.50	2498.65	2386.30	792.93	-5877.16	-152.06	6221.07	58.13	108.32	PASS			
2925.00†	2904.43	118.27	304.49	2536.01	2419.97	777.29	-5881.33	-152.23	6239.66	58.49	107.98	PASS			
3025.00†	3003.60	122.93	316.47	2575.63	2455.70	760.83	-5886.03	-152.40	6259.24	58.87	107.61	PASS			
3125.00†	3102.77	127.58	328.46	2618.49	2494.38	743.16	-5891.43	-152.60	6279.81	59.29	107.19	PASS			
3225.00†	3201.94	132.24	340.44	2675.57	2545.79	719.53	-5898.93	-152.85	6301.21	59.83	106.56	PASS			
3325.00†	3301.11	136.89	352.43	2724.36	2589.60	699.09	-5905.57	-153.07	6323.36	60.33	106.05	PASS			
3425.00†	3400.28	141.55	364.41	2765.21	2626.04	681.60	-5911.43	-153.25	6346.44	60.77	105.65	PASS			
3525.00†	3499.45	146.21	376.40	2815.08	2670.21	659.71	-5918.95	-153.49	6370.46	61.31	105.11	PASS			
3625.00†	3598.62	150.86	388.39	3021.03	2851.78	567.14	-5948.47	-154.45	6394.28	63.36	102.05	PASS			
3725.00†	3697.79	155.52	400.37	3071.85	2897.42	545.89	-5955.39	-154.68	6417.84	63.94	101.49	PASS			
3825.00†	3796.96	160.17	412.36	3129.17	2949.04	522.32	-5963.47	-154.92	6442.15	64.59	100.83	PASS			
3925.00†	3896.13	164.83	424.34	3354.22	3149.80	425.21	-5993.58	-155.92	6466.41	66.94	97.63	PASS			
4025.00†	3995.30	169.48	436.33	3467.48	3250.99	376.12	-6007.01	-156.42	6489.47	68.21	96.12	PASS			
4125.00†	4094.47	174.14	448.31	3529.39	3306.25	349.20	-6014.37	-156.69	6512.92	68.98	95.38	PASS			
4225.00†	4193.64	178.79	460.30	3582.91	3353.98	325.89	-6020.93	-156.93	6537.05	69.67	94.78	PASS			

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	3754.36	3507.98	253.60	-6042.05	-157.65	6561.81	71.59	92.57	PASS	
4425.00†	4391.98	188.10	484.27	3794.98	3544.85	237.26	-6046.81	-157.81	6585.97	72.19	92.18	PASS	
4525.00†	4491.15	192.76	496.25	3837.64	3583.49	219.96	-6052.11	-157.99	6611.02	72.73	91.78	PASS	
4625.00†	4590.32	197.41	508.24	3899.52	3639.37	194.60	-6060.07	-158.24	6636.79	73.53	91.13	PASS	
4725.00†	4689.49	202.07	520.22	3945.38	3680.62	175.49	-6066.13	-158.43	6663.23	74.17	90.70	PASS	
4825.00†	4788.66	206.73	532.21	3979.46	3710.94	160.68	-6070.85	-158.57	6690.58	74.69	90.42	PASS	
4925.00†	4887.83	211.38	544.19	4012.63	3740.14	145.68	-6075.63	-158.72	6718.90	75.20	90.18	PASS	
5025.00†	4987.00	216.04	556.18	4130.36	3841.92	89.00	-6092.53	-159.26	6747.78	76.76	88.72	PASS	
5125.00†	5086.17	220.69	568.16	4519.40	4180.57	-96.65	-6138.07	-161.01	6774.54	81.58	83.76	PASS	
5225.00†	5185.33	225.35	580.15	4548.35	4206.35	-109.48	-6141.07	-161.13	6800.38	82.09	83.56	PASS	
5325.00†	5284.50	230.00	592.13	4577.16	4231.98	-122.24	-6144.28	-161.25	6827.24	82.59	83.37	PASS	
5425.00†	5383.67	234.66	604.12	4602.09	4254.13	-133.29	-6147.27	-161.35	6855.10	83.05	83.26	PASS	
5525.00†	5482.84	239.31	616.10	4624.61	4274.10	-143.27	-6150.17	-161.45	6884.03	83.47	83.17	PASS	
5625.00†	5582.01	243.97	628.09	4647.00	4293.93	-153.21	-6153.25	-161.54	6914.00	83.89	83.11	PASS	
5725.00†	5681.18	248.62	640.07	4669.25	4313.59	-163.09	-6156.51	-161.63	6945.02	84.31	83.07	PASS	
5825.00†	5780.35	253.28	652.06	6064.97	5624.92	-581.56	-6272.40	-165.49	6976.33	96.89	72.53	PASS	
5925.00†	5879.52	257.93	664.04	6256.26	5815.58	-596.92	-6273.53	-165.67	6990.33	97.99	71.85	PASS	
6025.00†	5978.69	262.59	676.03	6344.72	5903.90	-601.79	-6273.81	-165.73	7003.78	98.66	71.50	PASS	
6125.00†	6077.86	267.25	688.01	6433.37	5992.48	-605.27	-6274.39	-165.78	7017.38	99.34	71.14	PASS	
6225.00†	6177.03	271.90	700.00	6545.65	6104.72	-608.01	-6275.39	-165.83	7031.04	100.07	70.76	PASS	
6325.00†	6276.20	276.56	711.98	6676.22	6235.27	-610.39	-6276.15	-165.88	7044.31	100.84	70.35	PASS	
6425.00†	6375.37	281.21	723.97	6781.09	6340.12	-611.80	-6276.43	-165.92	7057.22	101.53	69.99	PASS	
6525.00†	6474.54	285.87	735.95	6849.06	6408.09	-612.82	-6276.79	-165.95	7070.41	102.13	69.71	PASS	
6532.63	6482.11	286.22	736.87	6854.24	6413.27	-612.91	-6276.83	-165.95	7071.43	102.18	69.68	PASS	
6625.00†	6574.20	290.39	741.26	6917.33	6476.34	-614.07	-6277.43	-67.51	7077.40	102.73	69.37	PASS	
6725.00†	6673.48	294.52	730.94	6985.45	6544.44	-615.52	-6278.35	-19.84	7069.30	103.60	68.70	PASS	
6825.00†	6769.94	298.18	705.22	7058.63	6617.59	-617.31	-6279.62	-13.94	7046.22	105.09	67.50	PASS	
6925.00†	6861.20	301.25	664.71	7150.50	6709.41	-619.40	-6281.35	-12.18	7008.45	106.32	66.36	PASS	
7025.00†	6945.03	303.68	610.42	7235.28	6794.17	-621.02	-6282.99	-11.83	6956.79	107.35	65.23	PASS	
7125.00†	7019.34	305.39	543.69	7310.89	6869.76	-622.22	-6284.48	-12.38	6892.51	108.19	64.12	PASS	
7225.00†	7082.33	306.35	466.16	7369.95	6928.80	-623.01	-6285.69	-13.87	6817.23	108.80	63.06	PASS	
7325.00†	7132.43	306.53	379.73	7416.91	6975.75	-623.55	-6286.70	-16.83	6732.82	109.23	62.04	PASS	
7425.00†	7168.40	305.93	286.54	7451.38	7010.20	-623.91	-6287.47	-22.97	6641.32	109.50	61.04	PASS	
7525.00†	7189.38	304.57	188.88	7472.44	7031.25	-624.11	-6287.95	-38.68	6544.98	109.64	60.07	PASS	
7613.44	7195.00	302.75	100.71	7479.42	7038.23	-624.17	-6288.11	-81.20	6457.61	109.70	59.24	PASS	
7625.00†	7194.93	302.47	89.15	7479.60	7038.42	-624.17	-6288.12	-81.21	6446.14	109.70	59.14	PASS	
7725.00†	7194.36	300.10	-10.82	7481.22	7040.03	-624.19	-6288.15	-81.33	6346.89	109.73	58.21	PASS	
7825.00†	7193.79	297.73	-110.79	7482.84	7041.65	-624.20	-6288.19	-81.44	6247.67	109.77	57.28	PASS	
7925.00†	7193.22	295.36	-210.76	7484.47	7043.28	-624.21	-6288.23	-81.56	6148.47	109.82	56.34	PASS	
8025.00†	7192.64	292.99	-310.73	7486.10	7044.91	-624.23	-6288.27	-81.68	6049.30	109.89	55.40	PASS	
8125.00†	7192.07	290.63	-410.70	7487.74	7046.55	-624.24	-6288.30	-81.80	5950.16	109.97	54.45	PASS	
8225.00†	7191.50	288.26	-510.67	7489.38	7048.19	-624.26	-6288.34	-81.92	5851.04	110.07	53.50	PASS	
8325.00†	7190.93	285.89	-610.64	7491.04	7049.84	-624.27	-6288.38	-82.04	5751.96	110.18	52.54	PASS	
8425.00†	7190.35	283.52	-710.61	7492.69	7051.50	-624.28	-6288.42	-82.16	5652.90	110.31	51.57	PASS	
8525.00†	7189.78	281.15	-810.58	7494.35	7053.16	-624.30	-6288.46	-82.28	5553.88	110.46	50.60	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	7496.02	7054.83	-624.31	-6288.50	-82.40	5454.90	110.62	49.62	PASS	
8725.00†	7188.64	276.41	-1010.52	7497.70	7056.50	-624.33	-6288.54	-82.52	5355.95	110.82	48.64	PASS	
8825.00†	7188.06	274.04	-1110.49	7499.38	7058.18	-624.34	-6288.58	-82.64	5257.04	111.03	47.64	PASS	
8925.00†	7187.49	271.67	-1210.46	7501.06	7059.87	-624.35	-6288.62	-82.77	5158.18	111.27	46.65	PASS	
9025.00†	7186.92	269.30	-1310.44	7502.76	7061.56	-624.37	-6288.66	-82.89	5059.35	111.54	45.64	PASS	
9125.00†	7186.34	266.93	-1410.41	7504.46	7063.26	-624.38	-6288.70	-83.01	4960.58	111.84	44.63	PASS	
9225.00†	7185.77	264.56	-1510.38	7506.16	7064.97	-624.39	-6288.74	-83.14	4861.85	112.18	43.61	PASS	
9325.00†	7185.20	262.19	-1610.35	7507.87	7066.68	-624.41	-6288.78	-83.26	4763.18	112.54	42.58	PASS	
9425.00†	7184.63	259.82	-1710.32	7509.59	7068.39	-624.42	-6288.82	-83.39	4664.56	112.95	41.55	PASS	
9525.00†	7184.05	257.45	-1810.29	7511.32	7070.12	-624.43	-6288.86	-83.51	4566.00	113.40	40.51	PASS	
9625.00†	7183.48	255.08	-1910.26	7513.05	7071.85	-624.45	-6288.90	-83.64	4467.50	113.89	39.46	PASS	
9725.00†	7182.91	252.71	-2010.23	7514.78	7073.58	-624.46	-6288.96	-83.77	4369.07	114.43	38.41	PASS	
9825.00†	7182.34	250.34	-2110.20	7516.53	7075.33	-624.48	-6288.99	-83.89	4270.72	115.03	37.35	PASS	
9925.00†	7181.76	247.97	-2210.17	7518.28	7077.08	-624.49	-6289.03	-84.02	4172.44	115.68	36.29	PASS	
10025.00†	7181.19	245.60	-2310.14	7520.03	7078.83	-624.50	-6289.07	-84.15	4074.24	116.39	35.21	PASS	
10125.00†	7180.62	243.23	-2410.11	7521.79	7080.59	-624.51	-6289.11	-84.28	3976.14	117.17	34.14	PASS	
10225.00†	7180.05	240.86	-2510.08	7523.56	7082.36	-624.53	-6289.16	-84.41	3878.13	118.02	33.05	PASS	
10325.00†	7179.47	238.49	-2610.05	7525.34	7084.14	-624.54	-6289.20	-84.54	3780.22	118.95	31.96	PASS	
10425.00†	7178.90	236.12	-2710.02	7527.12	7085.92	-624.55	-6289.24	-84.67	3682.42	119.96	30.87	PASS	
10525.00†	7178.33	233.75	-2809.99	7528.91	7087.71	-624.57	-6289.29	-84.80	3584.75	121.07	29.78	PASS	
10625.00†	7177.76	231.38	-2909.96	7530.71	7089.50	-624.58	-6289.33	-84.93	3487.21	122.27	28.68	PASS	
10725.00†	7177.18	229.01	-3009.93	7532.51	7091.30	-624.59	-6289.37	-85.06	3389.80	123.59	27.58	PASS	
10825.00†	7176.61	226.64	-3109.90	7534.32	7093.11	-624.61	-6289.42	-85.20	3292.56	125.02	26.48	PASS	
10925.00†	7176.04	224.27	-3209.87	7536.14	7094.93	-624.62	-6289.46	-85.33	3195.48	126.58	25.38	PASS	
11025.00†	7175.47	221.90	-3309.84	7537.96	7096.75	-624.63	-6289.51	-85.46	3098.58	128.28	24.28	PASS	
11125.00†	7174.89	219.53	-3409.81	7539.79	7098.58	-624.64	-6289.55	-85.60	3001.89	130.14	23.19	PASS	
11225.00†	7174.32	217.16	-3509.78	7541.63	7100.42	-624.66	-6289.60	-85.73	2905.43	132.16	22.10	PASS	
11325.00†	7173.75	214.79	-3609.75	7543.47	7102.26	-624.67	-6289.64	-85.87	2809.20	134.37	21.01	PASS	
11425.00†	7173.17	212.42	-3709.72	7545.32	7104.11	-624.68	-6289.69	-86.01	2713.25	136.78	19.93	PASS	
11525.00†	7172.60	210.06	-3809.69	7547.18	7105.97	-624.69	-6289.73	-86.14	2617.60	139.41	18.87	PASS	
11625.00†	7172.03	207.69	-3909.66	7549.04	7107.83	-624.71	-6289.78	-86.28	2522.29	142.28	17.81	PASS	
11725.00†	7171.46	205.32	-4009.63	7550.92	7109.70	-624.72	-6289.82	-86.42	2427.35	145.43	16.77	PASS	
11825.00†	7170.88	202.95	-4109.60	7552.79	7111.58	-624.73	-6289.87	-86.56	2332.84	148.87	15.74	PASS	
11925.00†	7170.31	200.58	-4209.57	7554.68	7113.47	-624.74	-6289.92	-86.69	2238.80	152.65	14.73	PASS	
12025.00†	7169.74	198.21	-4309.54	7556.58	7115.36	-624.76	-6289.96	-86.83	2145.30	156.79	13.74	PASS	
12125.00†	7169.17	195.84	-4409.51	7558.48	7117.26	-624.77	-6290.01	-86.97	2052.40	161.35	12.77	PASS	
12225.00†	7168.59	193.47	-4509.48	7560.39	7119.17	-624.78	-6290.06	-87.11	1960.21	166.36	11.83	PASS	
12325.00†	7168.02	191.10	-4609.45	7562.30	7121.09	-624.79	-6290.11	-87.26	1868.82	171.89	10.91	PASS	
12425.00†	7167.45	188.73	-4709.42	7564.22	7123.01	-624.80	-6290.16	-87.40	1778.35	177.99	10.03	PASS	
12525.00†	7166.88	186.36	-4809.39	7566.16	7124.94	-624.81	-6290.20	-87.54	1688.95	184.73	9.17	PASS	
12625.00†	7166.30	183.99	-4909.37	7568.09	7126.88	-624.83	-6290.25	-87.68	1600.81	192.20	8.36	PASS	
12725.00†	7165.73	181.62	-5009.34	7570.04	7128.82	-624.84	-6290.30	-87.83	1514.14	200.48	7.58	PASS	
12825.00†	7165.16	179.25	-5109.31	7571.99	7130.78	-624.85	-6290.35	-87.97	1429.20	209.66	6.84	PASS	
12925.00†	7164.59	176.88	-5209.28	7573.96	7132.74	-624.86	-6290.40	-88.11	1346.34	219.84	6.14	PASS	
13025.00†	7164.01	174.51	-5309.25	7575.92	7134.71	-624.87	-6290.45	-88.26	1265.95	231.11	5.49	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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**BAKER  
HUGHES**  
a GE company



## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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			
13125.00†	7163.44	172.14	-5409.22	7577.90	7136.68	-624.88	-6290.50	-88.41	1188.54	243.56	4.89	PASS			
13225.00†	7162.87	169.77	-5509.19	7579.89	7138.67	-624.89	-6290.55	-88.55	1114.72	257.23	4.34	PASS			
13325.00†	7162.30	167.40	-5609.16	7581.88	7140.66	-624.91	-6290.60	-88.70	1045.27	272.11	3.85	PASS			
13425.00†	7161.72	165.03	-5709.13	7583.88	7142.66	-624.92	-6290.65	-88.85	981.10	288.08	3.41	PASS			
13525.00†	7161.15	162.66	-5809.10	7585.89	7144.66	-624.93	-6290.70	-88.99	923.31	304.87	3.03	PASS			
13625.00†	7160.58	160.29	-5909.07	7587.90	7146.68	-624.94	-6290.75	-89.14	873.19	321.99	2.72	PASS			
13725.00†	7160.00	157.92	-6009.04	7589.93	7148.70	-624.95	-6290.80	-89.29	832.11	338.65	2.46	PASS			
13825.00†	7159.43	155.55	-6109.01	7591.96	7150.73	-624.96	-6290.86	-89.44	801.46	353.83	2.27	PASS			
13925.00†	7158.86	153.18	-6208.98	7594.00	7152.77	-624.97	-6290.91	-89.59	782.48	366.32	2.14	PASS			
14025.00†	7158.29	150.81	-6308.95	7596.05	7154.82	-624.98	-6290.96	-89.74	776.01	374.97	2.07	PASS			
14083.86†	7157.95	149.42	-6367.79	7597.26	7156.03	-624.99	-6290.99	-89.83	778.20	377.94	2.06	PASS			
14125.00†	7157.71	148.44	-6408.92	7598.10	7156.88	-624.99	-6291.01	-89.90	782.37	379.03	2.07	PASS			
14225.00†	7157.14	146.07	-6508.89	7600.17	7158.94	-625.00	-6291.07	-90.05	801.25	378.37	2.12	PASS			
14325.00†	7156.57	143.70	-6608.86	7602.20	7160.98	-625.01	-6291.12	-90.20	831.81	373.50	2.23	PASS			
14425.00†	7156.00	141.33	-6708.83	7604.21	7162.98	-625.02	-6291.17	-90.35	872.80	365.37	2.39	PASS			
14525.00†	7155.42	138.96	-6808.80	7606.22	7164.99	-625.03	-6291.22	-90.50	922.86	355.06	2.60	PASS			
14625.00†	7154.85	136.59	-6908.77	7608.23	7167.00	-625.04	-6291.27	-90.64	980.58	343.57	2.86	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

## 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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1010.94	-4486.93	-102.70	4599.41	25.57	186.91	PASS	
125.00†	125.00	0.00	0.00	955.72	979.39	-966.07	-4397.90	-102.39	4583.10	79.27	58.51	PASS	
200.00	200.00	0.00	0.00	1000.10	1022.98	-962.53	-4390.36	-102.37	4569.35	81.38	56.81	PASS	
225.00†	225.00	0.04	0.10	1073.77	1095.32	-956.61	-4377.72	-171.11	4564.87	84.75	54.47	PASS	
325.00†	324.96	0.99	2.54	1140.03	1160.30	-951.15	-4366.01	-171.13	4548.47	87.97	52.26	PASS	
425.00†	424.77	3.20	8.23	1184.36	1203.90	-947.76	-4358.69	-171.15	4536.67	90.26	50.79	PASS	
525.00†	524.30	6.67	17.17	1304.27	1321.87	-938.84	-4339.17	-171.14	4528.55	96.09	47.59	PASS	
569.36	568.34	8.61	22.16	1326.85	1344.09	-937.20	-4335.51	-171.14	4526.11	97.25	46.99	PASS	
625.00†	623.52	11.20	28.83	1355.19	1372.00	-935.23	-4331.06	-171.14	4523.78	98.70	46.28	PASS	
725.00†	722.69	15.86	40.82	1427.61	1443.44	-930.24	-4320.23	-171.12	4520.32	102.29	44.60	PASS	
825.00†	821.86	20.51	52.80	1503.78	1518.56	-924.01	-4309.27	-171.10	4517.21	106.02	42.99	PASS	
925.00†	921.03	25.17	64.79	1562.63	1576.65	-918.82	-4301.39	-171.07	4514.92	108.90	41.82	PASS	
1025.00†	1020.20	29.82	76.77	1780.10	1790.71	-897.63	-4269.52	-170.95	4510.45	119.17	38.15	PASS	
1125.00†	1119.37	34.48	88.76	1821.60	1831.53	-893.23	-4263.50	-170.92	4506.66	121.26	37.45	PASS	
1225.00†	1218.54	39.13	100.74	1966.80	1974.38	-877.93	-4242.48	-170.82	4502.87	128.16	35.39	PASS	
1325.00†	1317.71	43.79	112.73	1990.89	1998.11	-875.71	-4239.03	-170.81	4499.58	129.49	35.00	PASS	
1425.00†	1416.88	48.44	124.71	2015.00	2021.94	-873.74	-4235.93	-170.80	4497.97	130.79	34.64	PASS	
1525.00†	1516.05	53.10	136.70	2039.13	2045.85	-872.03	-4233.18	-170.79	4498.04	132.06	34.30	PASS	
1625.00†	1615.22	57.75	148.68	2183.75	2189.27	-862.61	-4217.10	-170.75	4498.52	139.23	32.53	PASS	
1725.00†	1714.39	62.41	160.67	2267.19	2271.93	-856.69	-4207.42	-170.73	4498.42	143.42	31.57	PASS	
1825.00†	1813.56	67.06	172.65	2322.88	2327.20	-853.52	-4201.32	-170.72	4499.21	145.96	30.97	PASS	
1925.00†	1912.73	71.72	184.64	2449.32	2452.75	-847.28	-4187.72	-170.71	4500.41	152.34	29.68	PASS	
2025.00†	2011.90	76.37	196.62	2827.35	2825.58	-819.57	-4132.54	-170.61	4495.16	171.08	26.38	PASS	
2125.00†	2111.07	81.03	208.61	2858.44	2856.16	-816.96	-4127.58	-170.60	4490.44	172.81	26.09	PASS	
2225.00†	2210.24	85.69	220.59	2891.36	2888.63	-814.35	-4122.81	-170.59	4487.26	174.60	25.80	PASS	
2325.00†	2309.41	90.34	232.58	3079.39	3074.11	-800.57	-4095.24	-170.54	4484.25	184.03	24.46	PASS	
2425.00†	2408.58	95.00	244.56	3133.85	3127.78	-796.60	-4086.86	-170.52	4480.34	186.95	24.05	PASS	
2525.00†	2507.75	99.65	256.55	3192.59	3185.77	-792.98	-4078.29	-170.52	4477.43	190.07	23.64	PASS	
2625.00†	2606.92	104.31	268.53	3259.65	3252.06	-788.84	-4069.03	-170.51	4475.31	193.61	23.20	PASS	
2725.00†	2706.09	108.96	280.52	3489.85	3479.21	-772.31	-4035.65	-170.45	4472.55	205.21	21.87	PASS	
2825.00†	2805.26	113.62	292.50	3703.81	3689.26	-754.45	-3999.20	-170.38	4466.96	215.92	20.75	PASS	
2925.00†	2904.43	118.27	304.49	3787.17	3770.89	-746.73	-3984.15	-170.34	4459.98	220.32	20.31	PASS	
3025.00†	3003.60	122.93	316.47	3876.43	3858.32	-738.34	-3968.28	-170.30	4453.25	225.00	19.85	PASS	
3125.00†	3102.77	127.58	328.46	3955.12	3935.44	-730.81	-3954.54	-170.26	4446.82	229.16	19.46	PASS	
3225.00†	3201.94	132.24	340.44	4020.77	3999.85	-724.57	-3943.52	-170.23	4441.08	232.70	19.14	PASS	
3325.00†	3301.11	136.89	352.43	4101.34	4078.99	-716.88	-3930.51	-170.19	4435.94	236.92	18.78	PASS	
3425.00†	3400.28	141.55	364.41	4189.53	4165.66	-708.44	-3916.58	-170.14	4431.17	241.51	18.40	PASS	
3525.00†	3499.45	146.21	376.40	4326.39	4300.07	-695.59	-3894.18	-170.08	4425.78	248.46	17.86	PASS	
3625.00†	3598.62	150.86	388.39	4369.29	4342.22	-691.51	-3887.37	-170.05	4420.93	250.89	17.67	PASS	
3725.00†	3697.79	155.52	400.37	4464.27	4435.73	-682.44	-3873.39	-170.00	4417.21	255.79	17.31	PASS	
3825.00†	3796.96	160.17	412.36	4569.42	4539.15	-672.41	-3857.24	-169.94	4412.88	261.20	16.94	PASS	
3925.00†	3896.13	164.83	424.34	4632.24	4600.98	-666.47	-3847.86	-169.91	4409.03	264.55	16.71	PASS	
4025.00†	3995.30	169.48	436.33	4689.47	4657.39	-661.02	-3839.91	-169.88	4406.17	267.61	16.51	PASS	
4125.00†	4094.47	174.14	448.31	4762.12	4729.09	-654.27	-3830.35	-169.84	4404.08	271.37	16.27	PASS	
4225.00†	4193.64	178.79	460.30	4811.89	4778.28	-649.84	-3824.16	-169.81	4402.84	273.99	16.11	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft



# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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
4325.00†	4292.81	183.45	472.28	4856.74	4822.68	-646.01	-3819.13	-169.79	4402.84	276.32	15.97	PASS
4425.00†	4391.98	188.10	484.27	4906.36	4871.88	-642.00	-3814.13	-169.76	4404.05	278.82	15.83	PASS
4525.00†	4491.15	192.76	496.25	4957.57	4922.74	-638.21	-3809.48	-169.74	4406.37	281.36	15.70	PASS
4625.00†	4590.32	197.41	508.24	5001.96	4966.89	-635.26	-3805.90	-169.73	4409.66	283.52	15.59	PASS
4725.00†	4689.49	202.07	520.22	5045.35	5010.10	-632.76	-3802.89	-169.71	4414.64	285.59	15.49	PASS
4825.00†	4788.66	206.73	532.21	5083.33	5047.97	-630.89	-3800.70	-169.71	4420.73	287.29	15.42	PASS
4925.00†	4887.83	211.38	544.19	5118.78	5083.35	-629.46	-3799.12	-169.70	4428.27	288.79	15.37	PASS
5025.00†	4987.00	216.04	556.18	5154.69	5119.22	-628.33	-3797.99	-169.70	4437.25	290.20	15.33	PASS
5125.00†	5086.17	220.69	568.16	5196.09	5160.61	-627.40	-3797.19	-169.71	4447.59	291.21	15.31	PASS
5225.00†	5185.33	225.35	580.15	5237.36	5201.87	-626.90	-3796.86	-169.71	4459.23	292.17	15.30	PASS
5325.00†	5284.50	230.00	592.13	5299.67	5264.18	-626.66	-3796.98	-169.73	4471.98	291.40	15.38	PASS
5425.00†	5383.67	234.66	604.12	5367.50	5332.01	-626.70	-3797.53	-169.75	4485.43	289.35	15.54	PASS
5525.00†	5482.84	239.31	616.10	5435.23	5399.73	-627.16	-3798.47	-169.77	4499.57	286.13	15.76	PASS
5625.00†	5582.01	243.97	628.09	5502.80	5467.29	-628.04	-3799.81	-169.80	4514.40	282.92	15.99	PASS
5725.00†	5681.18	248.62	640.07	5585.88	5550.33	-629.53	-3801.89	-169.84	4529.82	279.18	16.26	PASS
5825.00†	5780.35	253.28	652.06	5680.18	5644.58	-631.06	-3804.41	-169.88	4545.39	275.04	16.57	PASS
5925.00†	5879.52	257.93	664.04	5798.67	5763.02	-632.54	-3807.58	-169.92	4560.91	269.87	16.94	PASS
6025.00†	5978.69	262.59	676.03	5927.46	5891.77	-633.12	-3810.32	-169.96	4575.71	264.31	17.36	PASS
6125.00†	6077.86	267.25	688.01	6028.00	5992.30	-632.99	-3812.27	-169.98	4590.24	260.06	17.70	PASS
6225.00†	6177.03	271.90	700.00	6131.06	6095.33	-632.43	-3814.32	-170.00	4604.73	256.07	18.03	PASS
6325.00†	6276.20	276.56	711.98	6238.90	6203.16	-631.60	-3816.33	-170.01	4619.06	252.51	18.34	PASS
6425.00†	6375.37	281.21	723.97	6346.82	6311.05	-630.57	-3818.17	-170.02	4633.19	248.92	18.66	PASS
6525.00†	6474.54	285.87	735.95	6451.79	6416.00	-629.41	-3819.81	-170.04	4647.16	246.22	18.93	PASS
6532.63	6482.11	286.22	736.87	6459.71	6423.93	-629.32	-3819.93	-170.04	4648.22	246.04	18.94	PASS
6625.00†	6574.20	290.39	741.26	6556.34	6520.53	-628.14	-3821.35	-171.55	4654.46	243.78	19.15	PASS
6725.00†	6673.48	294.52	730.94	6660.16	6624.34	-626.77	-3822.79	-23.95	4646.26	241.62	19.28	PASS
6825.00†	6769.94	298.18	705.22	6740.84	6705.00	-625.73	-3824.02	-18.23	4622.96	240.41	19.28	PASS
6925.00†	6861.20	301.25	664.71	6817.55	6781.69	-624.86	-3825.42	-16.77	4585.34	238.95	19.24	PASS
7025.00†	6945.03	303.68	610.42	6888.50	6852.63	-624.16	-3826.94	-16.90	4534.27	237.54	19.14	PASS
7125.00†	7019.34	305.39	543.69	6957.67	6921.77	-623.58	-3828.59	-18.20	4470.95	236.14	18.99	PASS
7225.00†	7082.33	306.35	466.16	7042.23	7006.31	-622.98	-3830.41	-21.01	4396.58	234.44	18.81	PASS
7325.00†	7132.43	306.53	379.73	7109.27	7073.34	-622.60	-3831.56	-26.13	4312.97	233.12	18.55	PASS
7425.00†	7168.40	305.93	286.54	7157.38	7121.44	-622.37	-3832.22	-35.87	4222.34	232.30	18.23	PASS
7525.00†	7189.38	304.57	188.88	7185.71	7149.77	-622.26	-3832.55	-56.12	4127.04	232.03	17.84	PASS
7613.44	7195.00	302.75	100.71	7194.04	7158.10	-622.23	-3832.64	-89.02	4040.81	232.30	17.45	PASS
7625.00†	7194.93	302.47	89.15	7194.10	7158.16	-622.23	-3832.64	-89.02	4029.49	232.37	17.39	PASS
7725.00†	7194.36	300.10	-10.82	7194.66	7158.71	-622.22	-3832.64	-89.06	3931.70	232.97	16.92	PASS
7825.00†	7193.79	297.73	-110.79	7195.20	7159.26	-622.22	-3832.65	-89.10	3834.02	233.64	16.46	PASS
7925.00†	7193.22	295.36	-210.76	7195.74	7159.80	-622.22	-3832.65	-89.14	3736.46	234.38	15.99	PASS
8025.00†	7192.64	292.99	-310.73	7196.27	7160.33	-622.22	-3832.66	-89.17	3639.04	235.19	15.52	PASS
8125.00†	7192.07	290.63	-410.70	7196.80	7160.86	-622.22	-3832.66	-89.21	3541.76	236.08	15.04	PASS
8225.00†	7191.50	288.26	-510.67	7197.32	7161.37	-622.21	-3832.67	-89.24	3444.64	237.06	14.57	PASS
8325.00†	7190.93	285.89	-610.64	7197.82	7161.88	-622.21	-3832.67	-89.28	3347.68	238.15	14.10	PASS
8425.00†	7190.35	283.52	-710.61	7198.33	7162.39	-622.21	-3832.68	-89.31	3250.91	239.34	13.62	PASS
8525.00†	7189.78	281.15	-810.58	7198.82	7162.88	-622.21	-3832.68	-89.35	3154.34	240.66	13.14	PASS

C-C Clearance Distance Cutoff: 1000.00 ft



Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	7199.31	7163.37	-622.21	-3832.69	-89.38	3057.99	242.11	12.66	PASS	
8725.00†	7188.64	276.41	-1010.52	7199.79	7163.85	-622.21	-3832.69	-89.41	2961.88	243.72	12.19	PASS	
8825.00†	7188.06	274.04	-1110.49	7200.27	7164.33	-622.20	-3832.70	-89.45	2866.04	245.48	11.71	PASS	
8925.00†	7187.49	271.67	-1210.46	7200.74	7164.80	-622.20	-3832.70	-89.48	2770.50	247.44	11.23	PASS	
9025.00†	7186.92	269.30	-1310.44	7201.20	7165.26	-622.20	-3832.71	-89.51	2675.27	249.59	10.75	PASS	
9125.00†	7186.34	266.93	-1410.41	7201.66	7165.72	-622.20	-3832.71	-89.54	2580.41	251.98	10.27	PASS	
9225.00†	7185.77	264.56	-1510.38	7202.11	7166.17	-622.20	-3832.72	-89.57	2485.96	254.61	9.79	PASS	
9325.00†	7185.20	262.19	-1610.35	7202.56	7166.61	-622.20	-3832.72	-89.60	2391.95	257.51	9.31	PASS	
9425.00†	7184.63	259.82	-1710.32	7202.99	7167.05	-622.20	-3832.72	-89.63	2298.45	260.72	8.84	PASS	
9525.00†	7184.05	257.45	-1810.29	7203.43	7167.49	-622.19	-3832.73	-89.66	2205.52	264.27	8.37	PASS	
9625.00†	7183.48	255.08	-1910.26	7203.86	7167.91	-622.19	-3832.73	-89.69	2113.23	268.18	7.90	PASS	
9725.00†	7182.91	252.71	-2010.23	7204.28	7168.34	-622.19	-3832.74	-89.72	2021.68	272.51	7.44	PASS	
9825.00†	7182.34	250.34	-2110.20	7204.70	7168.75	-622.19	-3832.74	-89.75	1930.97	277.28	6.98	PASS	
9925.00†	7181.76	247.97	-2210.17	7205.11	7169.17	-622.19	-3832.74	-89.78	1841.22	282.55	6.53	PASS	
10025.00†	7181.19	245.60	-2310.14	7205.52	7169.57	-622.19	-3832.75	-89.81	1752.58	288.36	6.09	PASS	
10125.00†	7180.62	243.23	-2410.11	7205.92	7169.98	-622.19	-3832.75	-89.84	1665.23	294.76	5.66	PASS	
10225.00†	7180.05	240.86	-2510.08	7206.31	7170.37	-622.18	-3832.76	-89.86	1579.37	301.79	5.24	PASS	
10325.00†	7179.47	238.49	-2610.05	7206.71	7170.76	-622.18	-3832.76	-89.89	1495.28	309.50	4.84	PASS	
10425.00†	7178.90	236.12	-2710.02	7207.09	7171.15	-622.18	-3832.76	-89.92	1413.26	317.92	4.45	PASS	
10525.00†	7178.33	233.75	-2809.99	7207.48	7171.53	-622.18	-3832.77	-89.94	1333.69	327.06	4.08	PASS	
10625.00†	7177.76	231.38	-2909.96	7207.86	7171.91	-622.18	-3832.77	-89.97	1257.05	336.89	3.74	PASS	
10725.00†	7177.18	229.01	-3009.93	7208.23	7172.29	-622.18	-3832.77	-90.00	1183.90	347.34	3.41	PASS	
10825.00†	7176.61	226.64	-3109.90	7208.60	7172.66	-622.18	-3832.78	-90.02	1114.93	358.23	3.12	PASS	
10925.00†	7176.04	224.27	-3209.87	7208.96	7173.02	-622.17	-3832.78	-90.05	1050.95	369.27	2.85	PASS	
11025.00†	7175.47	221.90	-3309.84	7209.32	7173.38	-622.17	-3832.78	-90.07	992.95	380.03	2.62	PASS	
11125.00†	7174.89	219.53	-3409.81	7209.68	7173.74	-622.17	-3832.79	-90.10	942.01	389.86	2.42	PASS	
11225.00†	7174.32	217.16	-3509.78	7210.03	7174.09	-622.17	-3832.79	-90.12	899.34	397.95	2.26	PASS	
11325.00†	7173.75	214.79	-3609.75	7210.38	7174.44	-622.17	-3832.79	-90.14	866.17	403.35	2.15	PASS	
11425.00†	7173.17	212.42	-3709.72	7210.72	7174.78	-622.17	-3832.80	-90.17	843.62	405.21	2.08	PASS	
11505.99†	7172.71	210.51	-3790.69	7211.00	7175.06	-622.17	-3832.80	-90.19	833.74	403.71	2.07	PASS	
11525.00†	7172.60	210.06	-3809.69	7211.06	7175.12	-622.17	-3832.80	-90.19	832.55	402.95	2.07	PASS	
11569.49†	7172.35	209.00	-3854.17	7211.34	7175.40	-622.17	-3832.80	-90.21	831.45	400.59	2.08	PASS	
11625.00†	7172.03	207.69	-3909.66	7211.40	7175.46	-622.17	-3832.80	-90.21	833.41	396.51	2.10	PASS	
11725.00†	7171.46	205.32	-4009.63	7211.73	7175.79	-622.17	-3832.81	-90.24	846.17	386.45	2.19	PASS	
11825.00†	7170.88	202.95	-4109.60	7212.06	7176.12	-622.16	-3832.81	-90.26	870.32	373.82	2.33	PASS	
11925.00†	7170.31	200.58	-4209.57	7212.39	7176.45	-622.16	-3832.81	-90.28	904.92	359.88	2.52	PASS	
12025.00†	7169.74	198.21	-4309.54	7212.71	7176.77	-622.16	-3832.82	-90.30	948.85	345.82	2.75	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

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

**Clearance Report**  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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. FRTIZLER 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 4C-20-L PWP (REV-A.0)

Closest Approach

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**BAKER  
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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1010.93	-4512.25	-102.63	4624.11	25.57	187.92	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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	1211.04	-1535.29	-51.73	1955.43	50.21	39.69	PASS	
125.00†	125.00	0.00	0.00	119.00	125.00	1211.04	-1535.29	-51.73	1955.43	50.55	39.41	PASS	
200.00	200.00	0.00	0.00	194.00	200.00	1211.04	-1535.29	-51.73	1955.43	51.26	38.86	PASS	
225.00†	225.00	0.04	0.10	219.00	225.00	1211.04	-1535.29	-120.51	1955.49	51.63	38.58	PASS	
325.00†	324.96	0.99	2.54	318.96	324.96	1211.04	-1535.29	-120.55	1956.82	53.41	37.29	PASS	
425.00†	424.77	3.20	8.23	418.77	424.77	1211.04	-1535.29	-120.65	1959.93	55.77	35.74	PASS	
525.00†	524.30	6.67	17.17	518.30	524.30	1211.04	-1535.29	-120.81	1964.85	58.58	34.08	PASS	
569.36	568.34	8.61	22.16	562.34	568.34	1211.04	-1535.29	-120.89	1967.61	59.96	33.34	PASS	
625.00†	623.52	11.20	28.83	617.52	623.52	1211.04	-1535.29	-121.07	1971.32	61.72	32.43	PASS	
725.00†	722.69	15.86	40.82	716.69	722.69	1211.04	-1535.29	-121.39	1978.02	65.13	30.81	PASS	
825.00†	821.86	20.51	52.80	815.86	821.86	1211.04	-1535.29	-121.70	1984.79	68.75	29.27	PASS	
925.00†	921.03	25.17	64.79	915.03	921.03	1211.04	-1535.29	-122.01	1991.62	72.53	27.82	PASS	
1025.00†	1020.20	29.82	76.77	1014.20	1020.20	1211.04	-1535.29	-122.33	1998.50	76.43	26.47	PASS	
1125.00†	1119.37	34.48	88.76	1113.37	1119.37	1211.04	-1535.29	-122.63	2005.45	80.44	25.22	PASS	
1225.00†	1218.54	39.13	100.74	1212.54	1218.54	1211.04	-1535.29	-122.94	2012.45	84.53	24.07	PASS	
1325.00†	1317.71	43.79	112.73	1311.71	1317.71	1211.04	-1535.29	-123.24	2019.51	88.69	23.01	PASS	
1425.00†	1416.88	48.44	124.71	1410.88	1416.88	1211.04	-1535.29	-123.55	2026.63	92.91	22.03	PASS	
1525.00†	1516.05	53.10	136.70	1510.05	1516.05	1211.04	-1535.29	-123.85	2033.81	97.18	21.13	PASS	
1625.00†	1615.22	57.75	148.68	1609.22	1615.22	1211.04	-1535.29	-124.14	2041.04	101.49	20.29	PASS	
1725.00†	1714.39	62.41	160.67	1708.39	1714.39	1211.04	-1535.29	-124.44	2048.32	105.83	19.52	PASS	
1825.00†	1813.56	67.06	172.65	1807.56	1813.56	1211.04	-1535.29	-124.73	2055.66	109.89	18.82	PASS	
1925.00†	1912.73	71.72	184.64	1906.73	1912.73	1211.04	-1535.29	-125.03	2063.06	114.17	18.18	PASS	
2025.00†	2011.90	76.37	196.62	2005.90	2011.90	1211.04	-1535.29	-125.32	2070.50	118.48	17.58	PASS	
2125.00†	2111.07	81.03	208.61	2105.07	2111.07	1211.04	-1535.29	-125.60	2078.00	122.81	17.01	PASS	
2225.00†	2210.24	85.69	220.59	2204.24	2210.24	1211.04	-1535.29	-125.89	2085.56	127.17	16.49	PASS	
2325.00†	2309.41	90.34	232.58	2303.41	2309.41	1211.04	-1535.29	-126.17	2093.16	131.56	15.99	PASS	
2425.00†	2408.58	95.00	244.56	2402.58	2408.58	1211.04	-1535.29	-126.45	2100.82	135.97	15.53	PASS	
2525.00†	2507.75	99.65	256.55	2501.75	2507.75	1211.04	-1535.29	-126.73	2108.52	140.39	15.09	PASS	
2625.00†	2606.92	104.31	268.53	2600.92	2606.92	1211.04	-1535.29	-127.01	2116.28	144.84	14.68	PASS	
2725.00†	2706.09	108.96	280.52	2700.09	2706.09	1211.04	-1535.29	-127.29	2124.08	149.30	14.29	PASS	
2825.00†	2805.26	113.62	292.50	2799.26	2805.26	1211.04	-1535.29	-127.56	2131.94	153.78	13.92	PASS	
2925.00†	2904.43	118.27	304.49	2898.43	2904.43	1211.04	-1535.29	-127.83	2139.84	158.28	13.58	PASS	
3025.00†	3003.60	122.93	316.47	2997.60	3003.60	1211.04	-1535.29	-128.10	2147.79	162.80	13.25	PASS	
3125.00†	3102.77	127.58	328.46	3096.77	3102.77	1211.04	-1535.29	-128.37	2155.79	167.33	12.93	PASS	
3225.00†	3201.94	132.24	340.44	3195.94	3201.94	1211.04	-1535.29	-128.63	2163.84	171.87	12.64	PASS	
3325.00†	3301.11	136.89	352.43	3295.11	3301.11	1211.04	-1535.29	-128.90	2171.93	176.43	12.36	PASS	
3425.00†	3400.28	141.55	364.41	3394.28	3400.28	1211.04	-1535.29	-129.16	2180.06	181.00	12.09	PASS	
3525.00†	3499.45	146.21	376.40	3493.45	3499.45	1211.04	-1535.29	-129.42	2188.25	185.59	11.83	PASS	
3625.00†	3598.62	150.86	388.39	3592.62	3598.62	1211.04	-1535.29	-129.68	2196.47	190.18	11.59	PASS	
3725.00†	3697.79	155.52	400.37	3691.79	3697.79	1211.04	-1535.29	-129.93	2204.75	194.79	11.36	PASS	
3825.00†	3796.96	160.17	412.36	3790.96	3796.96	1211.04	-1535.29	-130.19	2213.06	199.41	11.13	PASS	
3925.00†	3896.13	164.83	424.34	3890.13	3896.13	1211.04	-1535.29	-130.44	2221.42	204.05	10.92	PASS	
4025.00†	3995.30	169.48	436.33	3989.30	3995.30	1211.04	-1535.29	-130.69	2229.82	208.69	10.72	PASS	
4125.00†	4094.47	174.14	448.31	4088.47	4094.47	1211.04	-1535.29	-130.94	2238.26	213.34	10.52	PASS	
4225.00†	4193.64	178.79	460.30	4187.64	4193.64	1211.04	-1535.29	-131.19	2246.75	218.01	10.34	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
4325.00†	4292.81	183.45	472.28	4286.81	4292.81	1211.04	-1535.29	-131.43	2255.28	222.68	10.16	PASS	
4425.00†	4391.98	188.10	484.27	4385.98	4391.98	1211.04	-1535.29	-131.67	2263.85	227.36	9.98	PASS	
4525.00†	4491.15	192.76	496.25	4485.15	4491.15	1211.04	-1535.29	-131.91	2272.45	232.06	9.82	PASS	
4625.00†	4590.32	197.41	508.24	4584.32	4590.32	1211.04	-1535.29	-132.15	2281.10	236.76	9.66	PASS	
4725.00†	4689.49	202.07	520.22	4683.49	4689.49	1211.04	-1535.29	-132.39	2289.79	241.47	9.51	PASS	
4825.00†	4788.66	206.73	532.21	4782.66	4788.66	1211.04	-1535.29	-132.63	2298.52	246.18	9.36	PASS	
4925.00†	4887.83	211.38	544.19	4881.83	4887.83	1211.04	-1535.29	-132.86	2307.28	250.91	9.22	PASS	
5025.00†	4987.00	216.04	556.18	4981.00	4987.00	1211.04	-1535.29	-133.09	2316.09	255.64	9.08	PASS	
5125.00†	5086.17	220.69	568.16	5080.17	5086.17	1211.04	-1535.29	-133.32	2324.93	260.39	8.95	PASS	
5225.00†	5185.33	225.35	580.15	5179.33	5185.33	1211.04	-1535.29	-133.55	2333.81	265.13	8.82	PASS	
5325.00†	5284.50	230.00	592.13	5278.50	5284.50	1211.04	-1535.29	-133.78	2342.72	269.89	8.70	PASS	
5425.00†	5383.67	234.66	604.12	5377.67	5383.67	1211.04	-1535.29	-134.00	2351.67	274.65	8.58	PASS	
5525.00†	5482.84	239.31	616.10	5476.84	5482.84	1211.04	-1535.29	-134.23	2360.66	279.42	8.47	PASS	
5625.00†	5582.01	243.97	628.09	5576.01	5582.01	1211.04	-1535.29	-134.45	2369.69	284.20	8.36	PASS	
5725.00†	5681.18	248.62	640.07	5675.18	5681.18	1211.04	-1535.29	-134.67	2378.75	288.98	8.25	PASS	
5825.00†	5780.35	253.28	652.06	5774.35	5780.35	1211.04	-1535.29	-134.89	2387.84	293.76	8.15	PASS	
5925.00†	5879.52	257.93	664.04	5873.52	5879.52	1211.04	-1535.29	-135.10	2396.97	298.56	8.05	PASS	
6025.00†	5978.69	262.59	676.03	5972.69	5978.69	1211.04	-1535.29	-135.32	2406.13	303.36	7.95	PASS	
6125.00†	6077.86	267.25	688.01	6071.86	6077.86	1211.04	-1535.29	-135.53	2415.33	308.16	7.85	PASS	
6225.00†	6177.03	271.90	700.00	6171.03	6177.03	1211.04	-1535.29	-135.74	2424.56	312.97	7.76	PASS	
6325.00†	6276.20	276.56	711.98	6270.20	6276.20	1211.04	-1535.29	-135.96	2433.82	317.78	7.67	PASS	
6425.00†	6375.37	281.21	723.97	6369.37	6375.37	1211.04	-1535.29	-136.16	2443.12	322.60	7.59	PASS	
6525.00†	6474.54	285.87	735.95	6468.54	6474.54	1211.04	-1535.29	-136.37	2452.44	327.42	7.50	PASS	
6532.63	6482.11	286.22	736.87	6476.11	6482.11	1211.04	-1535.29	-136.39	2453.16	327.79	7.50	PASS	
6625.00†	6574.20	290.39	741.26	6568.20	6574.20	1211.04	-1535.29	-136.20	2455.66	332.26	7.40	PASS	
6725.00†	6673.48	294.52	730.94	6667.48	6673.48	1211.04	-1535.29	9.99	2444.55	337.14	7.26	PASS	
6825.00†	6769.94	298.18	705.22	6763.94	6769.94	1211.04	-1535.29	17.31	2419.34	342.18	7.08	PASS	
6925.00†	6861.20	301.25	664.71	6855.20	6861.20	1211.04	-1535.29	21.55	2380.70	347.07	6.87	PASS	
7025.00†	6945.03	303.68	610.42	6939.03	6945.03	1211.04	-1535.29	25.76	2329.68	351.54	6.64	PASS	
7125.00†	7019.34	305.39	543.69	7013.34	7019.34	1211.04	-1535.29	30.97	2267.68	355.48	6.39	PASS	
7225.00†	7082.33	306.35	466.16	7076.33	7082.33	1211.04	-1535.29	38.01	2196.42	358.84	6.13	PASS	
7325.00†	7132.43	306.53	379.73	7126.43	7132.43	1211.04	-1535.29	47.71	2117.88	361.59	5.87	PASS	
7425.00†	7168.40	305.93	286.54	7162.40	7168.40	1211.04	-1535.29	60.71	2034.27	363.73	5.60	PASS	
7525.00†	7189.38	304.57	188.88	7183.38	7189.38	1211.04	-1535.29	76.40	1947.93	365.27	5.34	PASS	
7613.44	7195.00	302.75	100.71	7189.00	7195.00	1211.04	-1535.29	90.56	1871.22	366.17	5.12	PASS	
7625.00†	7194.93	302.47	89.15	7188.93	7194.93	1211.04	-1535.29	90.56	1861.26	366.26	5.09	PASS	
7725.00†	7194.36	300.10	-10.82	7188.36	7194.36	1211.04	-1535.29	90.52	1775.89	367.21	4.84	PASS	
7825.00†	7193.79	297.73	-110.79	7187.79	7193.79	1211.04	-1535.29	90.49	1692.13	368.46	4.60	PASS	
7925.00†	7193.22	295.36	-210.76	7187.22	7193.22	1211.04	-1535.29	90.45	1610.23	370.08	4.36	PASS	
8025.00†	7192.64	292.99	-310.73	7186.64	7192.64	1211.04	-1535.29	90.42	1530.47	372.12	4.12	PASS	
8125.00†	7192.07	290.63	-410.70	7186.07	7192.07	1211.04	-1535.29	90.38	1453.22	374.63	3.88	PASS	
8225.00†	7191.50	288.26	-510.67	7185.50	7191.50	1211.04	-1535.29	90.35	1378.90	377.66	3.66	PASS	
8325.00†	7190.93	285.89	-610.64	7184.93	7190.93	1211.04	-1535.29	90.31	1308.00	381.26	3.44	PASS	
8425.00†	7190.35	283.52	-710.61	7184.35	7190.35	1211.04	-1535.29	90.28	1241.12	385.45	3.22	PASS	
8525.00†	7189.78	281.15	-810.58	7183.78	7189.78	1211.04	-1535.29	90.24	1178.94	390.23	3.02	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

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DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
8625.00†	7189.21	278.78	-910.55	7183.21	7189.21	1211.04	-1535.29	90.21	1122.23	395.55	2.84	PASS	
8725.00†	7188.64	276.41	-1010.52	7182.64	7188.64	1211.04	-1535.29	90.17	1071.87	401.33	2.67	PASS	
8825.00†	7188.06	274.04	-1110.49	7182.06	7188.06	1211.04	-1535.29	90.14	1028.80	407.43	2.53	PASS	
8925.00†	7187.49	271.67	-1210.46	7181.49	7187.49	1211.04	-1535.29	90.11	993.95	413.61	2.41	PASS	
9025.00†	7186.92	269.30	-1310.44	7180.92	7186.92	1211.04	-1535.29	90.07	968.21	419.63	2.31	PASS	
9125.00†	7186.34	266.93	-1410.41	7180.34	7186.34	1211.04	-1535.29	90.04	952.33	425.17	2.24	PASS	
9225.00†	7185.77	264.56	-1510.38	7179.77	7185.77	1211.04	-1535.29	90.00	946.81	429.95	2.20	PASS	
9301.04†	7185.34	262.76	-1586.39	7179.34	7185.34	1211.04	-1535.29	89.98	949.66	432.94	2.20	PASS	
9325.00†	7185.20	262.19	-1610.35	7179.20	7185.20	1211.04	-1535.29	89.97	951.81	433.76	2.20	PASS	
9425.00†	7184.63	259.82	-1710.32	7178.63	7184.63	1211.04	-1535.29	89.93	967.19	436.48	2.22	PASS	
9525.00†	7184.05	257.45	-1810.29	7178.05	7184.05	1211.04	-1535.29	89.90	992.45	438.11	2.27	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 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	1078.41	-11279.80	-84.54	11331.24	50.27	229.77	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: Rig on SLOT#01 EX. CARLSON #18-44 (531'FSL & 918'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 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1466.46	-11028.35	-97.57	11125.42	25.57	452.18	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 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1371.64	-9517.34	-98.20	9615.67	25.57	390.81	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

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DONN 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1109.50	-3180.48	-109.23	3368.45	25.57	136.88	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 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1010.93	-4537.29	-102.56	4648.54	25.57	188.91	PASS	
125.00†	125.00	0.00	0.00	92.39	123.39	-1010.79	-4537.33	-102.56	4648.56	50.21	94.37	PASS	
200.00	200.00	0.00	0.00	166.10	197.10	-1010.50	-4537.44	-102.56	4648.59	50.25	94.31	PASS	
225.00†	225.00	0.04	0.10	190.67	221.67	-1010.36	-4537.48	-171.33	4648.72	50.26	94.28	PASS	
325.00†	324.96	0.99	2.54	288.91	319.91	-1009.62	-4537.74	-171.31	4651.40	50.33	94.20	PASS	
425.00†	424.77	3.20	8.23	387.00	417.99	-1008.59	-4538.09	-171.29	4657.56	50.45	94.10	PASS	
525.00†	524.30	6.67	17.17	484.81	515.79	-1007.26	-4538.56	-171.26	4667.20	50.57	94.06	PASS	
569.36	568.34	8.61	22.16	528.08	559.06	-1006.58	-4538.79	-171.25	4672.58	50.62	94.08	PASS	
625.00†	623.52	11.20	28.83	582.30	613.27	-1005.64	-4539.12	-171.25	4679.77	50.66	94.15	PASS	
725.00†	722.69	15.86	40.82	679.74	710.69	-1003.72	-4539.78	-171.25	4692.71	50.73	94.28	PASS	
825.00†	821.86	20.51	52.80	754.88	785.80	-1002.04	-4540.40	-171.24	4705.79	50.80	94.40	PASS	
925.00†	921.03	25.17	64.79	793.79	824.69	-1001.19	-4541.15	-171.24	4719.89	50.87	94.56	PASS	
1025.00†	1020.20	29.82	76.77	832.55	863.43	-1000.39	-4542.39	-171.24	4735.25	50.93	94.74	PASS	
1125.00†	1119.37	34.48	88.76	922.68	953.44	-997.71	-4546.14	-171.22	4751.34	51.07	94.80	PASS	
1225.00†	1218.54	39.13	100.74	985.86	1016.50	-995.34	-4549.15	-171.20	4767.86	51.18	94.92	PASS	
1325.00†	1317.71	43.79	112.73	1038.59	1069.13	-993.75	-4552.00	-171.18	4785.18	51.28	95.08	PASS	
1425.00†	1416.88	48.44	124.71	1078.87	1109.29	-992.36	-4554.70	-171.17	4803.62	51.36	95.29	PASS	
1525.00†	1516.05	53.10	136.70	1122.15	1152.39	-990.55	-4558.22	-171.15	4823.24	51.45	95.52	PASS	
1625.00†	1615.22	57.75	148.68	1205.66	1235.43	-985.94	-4565.80	-171.09	4843.54	51.62	95.59	PASS	
1725.00†	1714.39	62.41	160.67	1299.84	1328.88	-978.66	-4574.98	-171.01	4864.03	51.83	95.60	PASS	
1825.00†	1813.56	67.06	172.65	1342.84	1371.46	-974.81	-4579.52	-170.96	4885.09	51.65	95.88	PASS	
1925.00†	1912.73	71.72	184.64	1383.86	1412.04	-971.25	-4584.31	-170.92	4907.28	51.68	96.26	PASS	
2025.00†	2011.90	76.37	196.62	1501.64	1528.37	-960.08	-4598.91	-170.78	4930.03	51.93	96.23	PASS	
2125.00†	2111.07	81.03	208.61	1610.93	1636.15	-947.84	-4612.31	-170.63	4952.31	52.19	96.19	PASS	
2225.00†	2210.24	85.69	220.59	1711.69	1735.51	-936.28	-4624.41	-170.49	4974.32	52.45	96.13	PASS	
2325.00†	2309.41	90.34	232.58	1790.44	1813.15	-927.30	-4634.08	-170.38	4996.62	52.66	96.16	PASS	
2425.00†	2408.58	95.00	244.56	1880.91	1902.35	-917.22	-4645.36	-170.26	5019.19	52.93	96.10	PASS	
2525.00†	2507.75	99.65	256.55	1971.17	1991.38	-907.60	-4656.54	-170.15	5041.79	53.22	95.99	PASS	
2625.00†	2606.92	104.31	268.53	2024.87	2044.37	-902.28	-4663.44	-170.09	5064.98	53.41	96.10	PASS	
2725.00†	2706.09	108.96	280.52	2152.39	2170.08	-889.16	-4680.37	-169.93	5088.61	53.87	95.71	PASS	
2825.00†	2805.26	113.62	292.50	2239.73	2256.16	-879.60	-4691.68	-169.82	5111.76	54.21	95.53	PASS	
2925.00†	2904.43	118.27	304.49	2338.54	2353.71	-870.28	-4704.25	-169.71	5134.97	54.61	95.25	PASS	
3025.00†	3003.60	122.93	316.47	2419.93	2434.12	-863.04	-4714.64	-169.63	5158.35	54.96	95.07	PASS	
3125.00†	3102.77	127.58	328.46	2510.50	2523.48	-854.34	-4726.52	-169.53	5181.95	55.37	94.79	PASS	
3225.00†	3201.94	132.24	340.44	2615.96	2627.34	-842.67	-4740.60	-169.40	5205.54	55.86	94.37	PASS	
3325.00†	3301.11	136.89	352.43	2700.60	2710.52	-832.12	-4752.13	-169.28	5229.18	56.29	94.06	PASS	
3425.00†	3400.28	141.55	364.41	2809.80	2817.83	-818.40	-4767.02	-169.13	5252.84	56.85	93.55	PASS	
3525.00†	3499.45	146.21	376.40	2904.71	2911.20	-807.01	-4779.69	-169.00	5276.36	57.36	93.13	PASS	
3625.00†	3598.62	150.86	388.39	2962.49	2968.03	-800.28	-4787.64	-168.93	5300.33	57.72	92.96	PASS	
3725.00†	3697.79	155.52	400.37	3047.66	3051.82	-790.99	-4799.75	-168.82	5324.89	58.21	92.60	PASS	
3825.00†	3796.96	160.17	412.36	3166.33	3168.78	-779.45	-4816.17	-168.70	5349.30	58.87	91.96	PASS	
3925.00†	3896.13	164.83	424.34	3278.70	3279.59	-768.42	-4831.21	-168.58	5373.26	59.52	91.36	PASS	
4025.00†	3995.30	169.48	436.33	3339.48	3339.47	-762.19	-4839.55	-168.52	5397.50	59.94	91.12	PASS	
4125.00†	4094.47	174.14	448.31	3435.72	3434.25	-752.50	-4853.16	-168.41	5422.19	60.54	90.62	PASS	
4225.00†	4193.64	178.79	460.30	3534.93	3531.96	-742.36	-4867.05	-168.31	5446.74	61.17	90.07	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
4325.00†	4292.81	183.45	472.28	3643.75	3638.97	-729.88	-4882.38	-168.18	5471.20	61.88	89.43	PASS	
4425.00†	4391.98	188.10	484.27	3705.49	3699.68	-722.86	-4891.19	-168.10	5495.87	62.35	89.14	PASS	
4525.00†	4491.15	192.76	496.25	3769.39	3762.38	-715.18	-4900.77	-168.02	5521.16	62.85	88.84	PASS	
4625.00†	4590.32	197.41	508.24	3840.43	3832.00	-706.43	-4911.84	-167.93	5547.00	63.39	88.48	PASS	
4725.00†	4689.49	202.07	520.22	3968.80	3957.73	-689.95	-4931.81	-167.76	5572.77	64.28	87.66	PASS	
4825.00†	4788.66	206.73	532.21	4407.12	4390.15	-640.34	-4982.26	-167.29	5593.36	66.80	84.62	PASS	
4925.00†	4887.83	211.38	544.19	4875.55	4857.60	-624.02	-5000.65	-167.23	5607.50	69.03	82.07	PASS	
5025.00†	4987.00	216.04	556.18	4963.13	4945.19	-623.93	-5001.22	-167.25	5620.67	69.65	81.51	PASS	
5125.00†	5086.17	220.69	568.16	5040.37	5022.42	-623.91	-5001.96	-167.27	5634.15	70.25	81.01	PASS	
5225.00†	5185.33	225.35	580.15	5117.54	5099.58	-623.74	-5003.02	-167.29	5648.01	70.85	80.51	PASS	
5325.00†	5284.50	230.00	592.13	5268.42	5250.45	-623.98	-5004.79	-167.34	5661.80	71.72	79.72	PASS	
5425.00†	5383.67	234.66	604.12	5385.22	5367.24	-625.50	-5004.90	-167.39	5674.61	72.47	79.07	PASS	
5525.00†	5482.84	239.31	616.10	5472.68	5454.69	-626.96	-5005.03	-167.42	5687.56	73.11	78.54	PASS	
5625.00†	5582.01	243.97	628.09	5582.45	5564.44	-628.93	-5005.26	-167.48	5700.60	73.84	77.94	PASS	
5725.00†	5681.18	248.62	640.07	5707.95	5689.93	-630.67	-5005.06	-167.53	5713.21	74.64	77.27	PASS	
5825.00†	5780.35	253.28	652.06	5797.05	5779.02	-631.81	-5004.82	-167.56	5725.70	75.32	76.73	PASS	
5925.00†	5879.52	257.93	664.04	5886.10	5868.06	-633.12	-5004.72	-167.60	5738.37	76.00	76.21	PASS	
6025.00†	5978.69	262.59	676.03	5977.89	5959.83	-634.52	-5004.74	-167.64	5751.20	76.70	75.67	PASS	
6125.00†	6077.86	267.25	688.01	6069.71	6051.65	-635.83	-5004.90	-167.68	5764.15	77.41	75.14	PASS	
6225.00†	6177.03	271.90	700.00	6168.03	6149.96	-637.14	-5005.15	-167.72	5777.18	78.16	74.58	PASS	
6325.00†	6276.20	276.56	711.98	6266.75	6248.68	-638.35	-5005.43	-167.76	5790.22	78.91	74.03	PASS	
6425.00†	6375.37	281.21	723.97	6351.74	6333.66	-639.30	-5005.79	-167.79	5803.38	79.62	73.53	PASS	
6525.00†	6474.54	285.87	735.95	6436.66	6418.56	-640.10	-5006.39	-167.82	5816.79	80.34	73.04	PASS	
6532.63	6482.11	286.22	736.87	6443.13	6425.04	-640.16	-5006.44	-167.82	5817.82	80.39	73.00	PASS	
6625.00†	6574.20	290.39	741.26	6529.85	6511.75	-640.90	-5007.23	-167.88	5823.78	81.10	72.43	PASS	
6725.00†	6673.48	294.52	750.94	6624.96	6606.86	-641.77	-5008.16	-167.91	5835.36	82.17	71.37	PASS	
6825.00†	6769.94	298.18	760.22	6685.02	6666.91	-642.42	-5008.89	-167.93	5846.93	83.11	69.77	PASS	
6925.00†	6861.20	301.25	764.71	6735.24	6717.11	-643.21	-5009.85	-167.95	5858.50	84.05	68.37	PASS	
7025.00†	6945.03	303.68	769.42	6781.86	6763.70	-644.15	-5011.04	-167.97	5870.07	84.99	66.99	PASS	
7125.00†	7019.34	305.39	773.91	6823.82	6805.63	-645.16	-5012.35	-167.99	5881.64	85.93	65.64	PASS	
7225.00†	7082.33	306.35	778.40	7099.41	7081.14	-646.05	-5013.66	-168.01	5893.21	86.87	64.31	PASS	
7325.00†	7132.43	306.53	779.73	7169.45	7151.18	-646.21	-5014.97	-168.02	5904.78	87.81	63.00	PASS	
7425.00†	7168.40	305.93	786.54	7216.09	7197.82	-646.18	-5015.84	-168.03	5916.35	88.75	61.69	PASS	
7525.00†	7189.38	304.57	788.88	7238.92	7220.66	-646.13	-5015.71	-168.04	5927.92	89.69	60.38	PASS	
7613.44	7195.00	302.75	790.71	7244.64	7226.37	-646.11	-5015.68	-168.04	5939.49	90.63	59.07	PASS	
7625.00†	7194.93	302.47	789.15	7244.49	7226.23	-646.11	-5015.68	-168.04	5939.49	90.63	59.07	PASS	
7725.00†	7194.36	300.10	-10.82	7243.23	7224.96	-646.11	-5015.69	-168.04	5939.50	90.63	59.07	PASS	
7825.00†	7193.79	297.73	-110.79	7241.96	7223.69	-646.12	-5015.70	-168.04	5939.51	90.63	59.07	PASS	
7925.00†	7193.22	295.36	-210.76	7240.70	7222.43	-646.12	-5015.70	-168.04	5939.52	90.63	59.07	PASS	
8025.00†	7192.64	292.99	-310.73	7239.45	7221.18	-646.12	-5015.71	-168.04	5939.53	90.63	59.07	PASS	
8125.00†	7192.07	290.63	-410.70	7238.19	7219.93	-646.13	-5015.72	-168.04	5939.54	90.63	59.07	PASS	
8225.00†	7191.50	288.26	-510.67	7236.94	7218.68	-646.13	-5015.73	-168.04	5939.55	90.63	59.07	PASS	
8325.00†	7190.93	285.89	-610.64	7235.70	7217.43	-646.13	-5015.73	-168.04	5939.56	90.63	59.07	PASS	
8425.00†	7190.35	283.52	-710.61	7234.46	7216.19	-646.14	-5015.74	-168.04	5939.57	90.63	59.07	PASS	
8525.00†	7189.78	281.15	-810.58	7233.22	7214.95	-646.14	-5015.75	-168.04	5939.58	90.63	59.07	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7189.21	278.78	-910.55	7231.99	7213.72	-649.14	-5015.75	-93.32	4208.83	91.83	46.18	PASS	
8725.00†	7188.64	276.41	-1010.52	7230.76	7212.49	-649.15	-5015.76	-93.23	4110.85	92.28	44.88	PASS	
8825.00†	7188.06	274.04	-1110.49	7229.53	7211.27	-649.15	-5015.77	-93.15	4012.97	92.79	43.58	PASS	
8925.00†	7187.49	271.67	-1210.46	7228.31	7210.04	-649.15	-5015.77	-93.07	3915.20	93.35	42.25	PASS	
9025.00†	7186.92	269.30	-1310.44	7227.09	7208.83	-649.15	-5015.78	-92.98	3817.54	93.99	40.92	PASS	
9125.00†	7186.34	266.93	-1410.41	7225.88	7207.61	-649.16	-5015.79	-92.90	3720.00	94.70	39.57	PASS	
9225.00†	7185.77	264.56	-1510.38	7224.67	7206.40	-649.16	-5015.79	-92.81	3622.60	95.48	38.22	PASS	
9325.00†	7185.20	262.19	-1610.35	7223.46	7205.19	-649.16	-5015.80	-92.73	3525.35	96.36	36.85	PASS	
9425.00†	7184.63	259.82	-1710.32	7222.26	7203.99	-649.16	-5015.80	-92.65	3428.25	97.33	35.47	PASS	
9525.00†	7184.05	257.45	-1810.29	7221.06	7202.79	-649.17	-5015.81	-92.57	3331.32	98.41	34.09	PASS	
9625.00†	7183.48	255.08	-1910.26	7219.86	7201.59	-649.17	-5015.82	-92.48	3234.58	99.61	32.70	PASS	
9725.00†	7182.91	252.71	-2010.23	7218.67	7200.40	-649.17	-5015.82	-92.40	3138.04	100.93	31.30	PASS	
9825.00†	7182.34	250.34	-2110.20	7217.48	7199.21	-649.17	-5015.83	-92.32	3041.73	102.39	29.91	PASS	
9925.00†	7181.76	247.97	-2210.17	7216.29	7198.03	-649.18	-5015.84	-92.24	2945.66	104.01	28.51	PASS	
10025.00†	7181.19	245.60	-2310.14	7215.11	7196.85	-649.18	-5015.84	-92.16	2849.86	105.79	27.11	PASS	
10125.00†	7180.62	243.23	-2410.11	7213.93	7195.67	-649.18	-5015.85	-92.08	2754.36	107.76	25.72	PASS	
10225.00†	7180.05	240.86	-2510.08	7212.76	7194.49	-649.18	-5015.85	-91.99	2659.19	109.93	24.34	PASS	
10325.00†	7179.47	238.49	-2610.05	7211.59	7193.32	-649.18	-5015.86	-91.91	2564.39	112.33	22.97	PASS	
10425.00†	7178.90	236.12	-2710.02	7210.42	7192.15	-649.18	-5015.87	-91.83	2470.00	114.97	21.61	PASS	
10525.00†	7178.33	233.75	-2809.99	7209.26	7190.99	-649.19	-5015.87	-91.75	2376.06	117.90	20.27	PASS	
10625.00†	7177.76	231.38	-2909.96	7208.10	7189.83	-649.19	-5015.88	-91.67	2282.64	121.12	18.95	PASS	
10725.00†	7177.18	229.01	-3009.93	7206.94	7188.67	-649.19	-5015.88	-91.59	2189.80	124.68	17.66	PASS	
10825.00†	7176.61	226.64	-3109.90	7205.78	7187.52	-649.19	-5015.89	-91.51	2097.62	128.62	16.39	PASS	
10925.00†	7176.04	224.27	-3209.87	7204.63	7186.37	-649.19	-5015.90	-91.43	2006.19	132.97	15.16	PASS	
11025.00†	7175.47	221.90	-3309.84	7203.45	7185.18	-649.19	-5015.90	-91.35	1915.61	137.79	13.97	PASS	
11125.00†	7174.89	219.53	-3409.81	7202.23	7183.96	-649.20	-5015.91	-91.27	1826.01	143.13	12.82	PASS	
11225.00†	7174.32	217.16	-3509.78	7201.02	7182.75	-649.20	-5015.91	-91.19	1737.55	149.04	11.71	PASS	
11325.00†	7173.75	214.79	-3609.75	7199.83	7181.56	-649.20	-5015.92	-91.10	1650.41	155.60	10.65	PASS	
11425.00†	7173.17	212.42	-3709.72	7198.64	7180.38	-649.20	-5015.93	-91.02	1564.81	162.87	9.65	PASS	
11525.00†	7172.60	210.06	-3809.69	7197.47	7179.20	-649.20	-5015.93	-90.94	1481.01	170.92	8.70	PASS	
11625.00†	7172.03	207.69	-3909.66	7196.31	7178.04	-649.20	-5015.94	-90.86	1399.33	179.85	7.81	PASS	
11725.00†	7171.46	205.32	-4009.63	7195.16	7176.90	-649.20	-5015.94	-90.78	1320.19	189.70	6.98	PASS	
11825.00†	7170.88	202.95	-4109.60	7194.03	7175.76	-649.20	-5015.95	-90.70	1244.04	200.55	6.22	PASS	
11925.00†	7170.31	200.58	-4209.57	7192.90	7174.63	-649.21	-5015.95	-90.62	1171.49	212.40	5.53	PASS	
12025.00†	7169.74	198.21	-4309.54	7191.78	7173.52	-649.21	-5015.96	-90.55	1103.24	225.22	4.91	PASS	
12125.00†	7169.17	195.84	-4409.51	7190.68	7172.41	-649.21	-5015.96	-90.47	1040.14	238.88	4.36	PASS	
12225.00†	7168.59	193.47	-4509.48	7189.59	7171.32	-649.21	-5015.97	-90.40	983.18	253.11	3.89	PASS	
12325.00†	7168.02	191.10	-4609.45	7188.50	7170.24	-649.21	-5015.97	-90.32	933.48	267.45	3.50	PASS	
12425.00†	7167.45	188.73	-4709.42	7187.43	7169.16	-649.21	-5015.98	-90.25	892.25	281.25	3.18	PASS	
12525.00†	7166.88	186.36	-4809.39	7186.37	7168.10	-649.21	-5015.98	-90.17	860.73	293.68	2.94	PASS	
12625.00†	7166.30	183.99	-4909.37	7185.31	7167.05	-649.21	-5015.99	-90.10	839.99	303.79	2.77	PASS	
12725.00†	7165.73	181.62	-5009.34	7184.27	7166.01	-649.21	-5015.99	-90.03	830.86	310.77	2.68	PASS	
12751.24†	7165.58	181.00	-5035.57	7184.45	7166.18	-649.21	-5015.99	-90.04	830.44	312.01	2.67	PASS	
12802.33†	7165.29	179.79	-5086.64	7183.47	7165.21	-649.21	-5015.99	-89.97	832.00	313.68	2.66	PASS	
12825.00†	7165.16	179.29	-5109.31	7183.24	7164.97	-649.21	-5016.00	-89.96	833.70	314.11	2.66	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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
12925.00†	7164.59	176.88	-5209.28	7182.22	7163.95	-649.21	-5016.00	-89.89		848.40	313.74	2.71	PASS
13025.00†	7164.01	174.51	-5309.25	7181.20	7162.94	-649.21	-5016.00	-89.82		874.36	310.05	2.82	PASS
13125.00†	7163.44	172.14	-5409.22	7180.20	7161.93	-649.21	-5016.01	-89.75		910.62	303.75	3.00	PASS
13225.00†	7162.87	169.77	-5509.19	7179.20	7160.94	-649.21	-5016.01	-89.68		956.01	295.62	3.24	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	ISWISA 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 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1286.18	-8070.33	-99.06	8172.18	25.57	332.14	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

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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

Facility: SEC.17-T06N-R66W Slot: SLOT#03 EX. FRITZLER #34-17 (660'FSL & 683'FEL, PR, NB/CD) Well: EX. FRITZLER #34-17 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	10.34	16.34	1331.89	-5735.82	-76.93	5888.43	50.17	119.65	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	ISWWSA 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



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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	1785.41	1769.73	-3869.49	-5180.17	-126.76	6697.10	50.75	134.19	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	-2543.12	-3205.20	-1920.85	-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

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DONN 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1232.42	-1736.59	-125.36	2129.46	50.18	43.25	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

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-4187.22	-5257.44	-128.54	6721.12	25.46	273.16	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	-2552.19	-3205.21	-1975.06	-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

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DONN 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1508.78	-6856.01	-102.41	7020.06	25.57	285.31	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

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1303.96	-5714.45	-102.85	5861.34	50.17	119.10	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

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1023.69	-24.76	-178.61	1023.99	1.26	3410.09	PASS	
125.00†	125.00	0.00	0.00	132.14	136.13	-1023.07	-24.40	-178.63	1023.42	2.14	1006.44	PASS	
200.00	200.00	0.00	0.00	213.38	217.37	-1022.00	-24.07	-178.65	1022.43	2.64	674.43	PASS	
225.00†	225.00	0.04	0.10	245.86	249.85	-1021.33	-24.04	112.59	1021.96	2.73	636.56	PASS	
325.00†	324.96	0.99	2.54	381.92	385.77	-1015.69	-25.19	112.91	1018.87	3.88	369.26	PASS	
425.00†	424.77	3.20	8.23	535.44	538.63	-1001.91	-27.92	113.69	1012.18	5.49	231.72	PASS	
525.00†	524.30	6.67	17.17	667.52	669.57	-984.86	-30.29	114.69	1003.23	6.58	183.70	PASS	
569.36	568.34	8.61	22.16	730.91	732.16	-974.97	-31.94	115.31	998.60	7.04	168.61	PASS	
625.00†	623.52	11.20	28.83	798.11	798.32	-963.36	-34.04	115.93	992.11	7.55	154.31	PASS	
725.00†	722.69	15.86	40.82	951.88	948.66	-931.79	-40.15	117.48	977.58	8.73	128.35	PASS	
825.00†	821.86	20.51	52.80	1073.05	1065.75	-901.41	-47.12	118.92	958.85	9.68	111.95	PASS	
925.00†	921.03	25.17	64.79	1169.77	1158.83	-875.86	-53.40	120.17	939.35	10.57	99.36	PASS	
1025.00†	1020.20	29.82	76.77	1263.59	1249.20	-851.38	-59.33	121.42	920.58	11.35	89.90	PASS	
1125.00†	1119.37	34.48	88.76	1362.70	1344.71	-825.56	-65.00	122.75	902.27	12.18	81.51	PASS	
1225.00†	1218.54	39.13	100.74	1452.94	1431.78	-802.24	-69.37	123.96	884.49	13.00	74.40	PASS	
1325.00†	1317.71	43.79	112.73	1551.44	1526.96	-777.22	-73.51	125.29	867.48	13.87	67.96	PASS	
1425.00†	1416.88	48.44	124.71	1638.03	1610.75	-755.65	-76.77	126.46	851.33	14.72	62.55	PASS	
1525.00†	1516.05	53.10	136.70	1738.26	1707.87	-731.13	-80.60	127.86	836.08	15.43	57.54	PASS	
1625.00†	1615.22	57.75	148.68	1844.76	1810.63	-703.58	-85.39	129.49	820.12	16.03	54.19	PASS	
1725.00†	1714.39	62.41	160.67	1941.03	1903.43	-678.38	-89.87	131.03	804.54	16.57	51.34	PASS	
1825.00†	1813.56	67.06	172.65	2037.29	1996.23	-653.19	-94.34	132.62	789.57	16.73	49.24	PASS	
1925.00†	1912.73	71.72	184.64	2133.55	2089.03	-627.99	-98.82	134.28	775.26	16.97	47.64	PASS	
2025.00†	2011.90	76.37	196.62	2229.82	2181.83	-602.80	-103.29	135.99	761.64	17.28	45.91	PASS	
2125.00†	2111.07	81.03	208.61	2326.08	2274.63	-577.60	-107.76	137.76	748.76	17.67	44.10	PASS	
2225.00†	2210.24	85.69	220.59	2422.34	2367.43	-552.41	-112.24	139.59	736.65	18.13	42.25	PASS	
2325.00†	2309.41	90.34	232.58	2518.61	2460.23	-527.21	-116.71	141.47	725.35	18.65	40.40	PASS	
2425.00†	2408.58	95.00	244.56	2614.87	2553.03	-502.02	-121.19	143.40	714.89	19.23	38.57	PASS	
2525.00†	2507.75	99.65	256.55	2711.13	2645.83	-476.82	-125.66	145.39	705.32	19.86	36.80	PASS	
2625.00†	2606.92	104.31	268.53	2807.40	2738.63	-451.63	-130.13	147.42	696.67	20.54	35.10	PASS	
2725.00†	2706.09	108.96	280.52	2903.66	2831.43	-426.43	-134.61	149.50	688.98	21.26	33.49	PASS	
2825.00†	2805.26	113.62	292.50	2999.92	2924.23	-401.24	-139.08	151.62	682.28	22.02	31.97	PASS	
2925.00†	2904.43	118.27	304.49	3096.19	3017.03	-376.04	-143.56	153.78	676.59	22.82	30.56	PASS	
3025.00†	3003.60	122.93	316.47	3192.45	3109.83	-350.85	-148.03	155.97	671.95	23.65	29.26	PASS	
3125.00†	3102.77	127.58	328.46	3288.72	3202.63	-325.66	-152.50	158.18	668.37	24.50	28.06	PASS	
3225.00†	3201.94	132.24	340.44	3384.98	3295.43	-300.46	-156.98	160.41	665.88	25.38	26.96	PASS	
3325.00†	3301.11	136.89	352.43	3481.24	3388.23	-275.27	-161.45	162.65	664.48	26.28	25.96	PASS	
3425.00†	3400.28	141.55	364.41	3577.51	3481.03	-250.07	-165.92	164.90	664.19	27.19	25.06	PASS	
3525.00†	3499.45	146.21	376.40	3673.77	3573.83	-224.88	-170.40	167.15	665.00	28.12	24.23	PASS	
3625.00†	3598.62	150.86	388.39	3770.03	3666.63	-199.68	-174.87	169.39	666.91	29.06	23.50	PASS	
3725.00†	3697.79	155.52	400.37	3866.30	3759.43	-174.49	-179.35	171.61	669.91	30.01	22.84	PASS	
3825.00†	3796.96	160.17	412.36	3962.56	3852.23	-149.29	-183.82	173.81	673.98	30.97	22.25	PASS	
3925.00†	3896.13	164.83	424.34	4058.82	3945.03	-124.10	-188.29	175.98	679.11	31.94	21.72	PASS	
4025.00†	3995.30	169.48	436.33	4155.09	4037.83	-98.90	-192.77	178.12	685.27	32.91	21.26	PASS	
4125.00†	4094.47	174.14	448.31	4251.35	4130.63	-73.71	-197.24	179.78	692.44	33.89	20.85	PASS	
4225.00†	4193.64	178.79	460.30	4347.61	4223.43	-48.51	-201.72	177.72	700.58	34.87	20.49	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	4443.88	4316.23	-23.32	-206.19	-175.70	709.66	35.86	20.17	PASS	
4425.00†	4391.98	188.10	484.27	4540.14	4409.03	1.88	-210.66	-173.74	719.65	36.85	19.89	PASS	
4525.00†	4491.15	192.76	496.25	4636.40	4501.83	27.07	-215.14	-171.83	730.51	37.84	19.65	PASS	
4625.00†	4590.32	197.41	508.24	4732.67	4594.63	52.27	-219.61	-169.98	742.19	38.84	19.45	PASS	
4725.00†	4689.49	202.07	520.22	4828.93	4687.43	77.46	-224.09	-168.18	754.67	39.84	19.27	PASS	
4825.00†	4788.66	206.73	532.21	4925.19	4780.23	102.66	-228.56	-166.43	767.90	40.84	19.12	PASS	
4925.00†	4887.83	211.38	544.19	5021.46	4873.03	127.85	-233.03	-164.75	781.84	41.84	18.99	PASS	
5025.00†	4987.00	216.04	556.18	5117.72	4965.83	153.05	-237.51	-163.12	796.46	42.85	18.88	PASS	
5125.00†	5086.17	220.69	568.16	5213.98	5058.63	178.24	-241.98	-161.55	811.72	43.86	18.79	PASS	
5225.00†	5185.33	225.35	580.15	5310.25	5151.43	203.44	-246.46	-160.04	827.59	44.87	18.72	PASS	
5325.00†	5284.50	230.00	592.13	5406.51	5244.23	228.63	-250.93	-158.57	844.02	45.89	18.67	PASS	
5425.00†	5383.67	234.66	604.12	5502.78	5337.03	253.83	-255.40	-157.17	861.00	46.91	18.62	PASS	
5525.00†	5482.84	239.31	616.10	5599.04	5429.83	279.02	-259.88	-155.82	878.48	47.93	18.59	PASS	
5625.00†	5582.01	243.97	628.09	5695.30	5522.63	304.22	-264.35	-154.51	896.44	48.95	18.57	PASS	
5725.00†	5681.18	248.62	640.07	5791.57	5615.43	329.41	-268.82	-153.26	914.85	49.98	18.55	PASS	
5825.00†	5780.35	253.28	652.06	5887.83	5708.23	354.61	-273.30	-152.06	933.68	51.01	18.55	PASS	
5925.00†	5879.52	257.93	664.04	5984.09	5801.03	379.80	-277.77	-150.90	952.90	52.04	18.55	PASS	
6025.00†	5978.69	262.59	676.03	6080.36	5893.83	405.00	-282.25	-149.79	972.51	53.08	18.56	PASS	
6125.00†	6077.86	267.25	688.01	6176.62	5986.63	430.19	-286.72	-148.72	992.46	54.11	18.57	PASS	
6225.00†	6177.03	271.90	700.00	7973.34	7022.39	706.66	694.02	-84.13	950.62	49.69	19.39	PASS	
6325.00†	6276.20	276.56	711.98	7986.14	7022.49	706.63	706.82	-82.41	861.36	51.85	16.83	PASS	
6425.00†	6375.37	281.21	723.97	7998.93	7022.60	706.60	719.61	-80.66	774.52	54.56	14.37	PASS	
6525.00†	6474.54	285.87	735.95	8011.73	7022.70	706.57	732.40	-78.88	691.00	58.01	12.05	PASS	
6532.63	6482.11	286.22	736.87	8012.70	7022.71	706.57	733.38	-78.75	684.80	58.31	11.88	PASS	
6625.00†	6574.20	290.39	741.26	8017.85	7022.75	706.56	738.52	31.07	611.89	62.34	9.92	PASS	
6725.00†	6673.48	294.52	730.94	8008.34	7022.68	706.58	729.02	86.77	540.12	67.68	8.05	PASS	
6825.00†	6769.94	298.18	705.22	7983.41	7022.47	706.64	704.09	96.24	480.23	73.47	6.59	PASS	
6925.00†	6861.20	301.25	664.71	7943.65	7022.14	706.73	664.33	97.84	436.25	78.27	5.62	PASS	
7025.00†	6945.03	303.68	610.42	7890.05	7021.70	706.86	610.73	95.09	410.41	81.40	5.08	PASS	
7125.00†	7019.34	305.39	543.69	7823.93	7021.15	707.01	544.62	89.55	401.63	82.32	4.91	PASS	
7135.74†	7026.68	305.53	535.85	7816.15	7021.09	707.03	536.84	88.84	401.54	82.33	4.91	PASS	
7136.90†	7027.47	305.54	535.00	7815.57	7021.08	707.03	536.25	88.79	401.54	82.34	4.91	PASS	
7225.00†	7082.33	306.35	466.16	7746.92	7020.51	707.19	467.61	82.66	405.59	81.57	5.01	PASS	
7325.00†	7132.43	306.53	379.73	7660.91	7019.80	707.40	381.60	75.94	416.39	80.22	5.23	PASS	
7425.00†	7168.40	305.93	286.54	7570.19	7018.13	707.36	290.91	70.57	428.65	79.09	5.46	PASS	
7525.00†	7189.38	304.57	188.88	7483.55	7007.18	704.78	205.07	66.06	440.03	78.37	5.66	PASS	
7613.44	7195.00	302.75	100.71	7409.50	6988.99	700.17	133.48	62.52	448.85	78.15	5.79	PASS	
7625.00†	7194.93	302.47	89.15	7400.01	6986.08	699.43	124.48	62.16	449.93	78.10	5.80	PASS	
7725.00†	7194.36	300.10	-10.82	7321.99	6957.33	691.96	52.39	58.68	462.31	77.59	6.00	PASS	
7825.00†	7193.79	297.73	-110.79	7252.03	6924.49	683.33	-8.75	54.83	481.27	77.27	6.28	PASS	
7925.00†	7193.22	295.36	-210.76	7190.34	6890.32	674.29	-59.27	51.01	508.21	76.94	6.66	PASS	
8025.00†	7192.64	292.99	-310.73	7136.52	6856.78	665.38	-100.39	47.45	543.80	76.53	7.16	PASS	
8125.00†	7192.07	290.63	-410.70	7089.77	6825.02	656.92	-133.61	44.29	587.95	76.16	7.78	PASS	
8225.00†	7191.50	288.26	-510.67	7049.22	6795.62	649.07	-160.41	41.53	639.99	75.78	8.52	PASS	
8325.00†	7190.93	285.89	-610.64	7013.97	6768.78	641.89	-182.10	39.15	699.00	75.64	9.32	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7190.35	283.52	-710.61	6983.22	6744.45	635.37	-199.73	37.11	763.96	68.49	11.26	PASS
8525.00†	7189.78	281.15	-810.58	6956.29	6722.49	629.48	-214.16	35.36	833.92	74.69	11.26	PASS
8625.00†	7189.21	278.78	-910.55	6932.58	6702.68	624.16	-226.05	33.86	908.04	74.68	12.27	PASS
8725.00†	7188.64	276.41	-1010.52	6911.61	6684.82	619.36	-235.94	32.56	985.61	74.49	13.35	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	-624.04	-15.09	-535.12	-32.07
8.5in Open Hole	1735.00	17714.90	15979.90	1704.71	N/A	-535.12	-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 AWB
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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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: SEC.20-T06N-R66W Slot: SLOT#04 EX. HOOD 20-42-12 (2000'FNL & 657'FEL, PR, NB/CD) Well: EX. HOOD 20-42-12 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	-1320.35	-5711.39	-103.02	5862.03	50.17	119.12	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: Rig on SLOT#04 EX. HOOD 20-42-12 (2000'FNL & 657'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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-2860.71	-8187.98	-109.26	8673.34	25.57	352.51	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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1083.80	-24.76	-178.69	1084.09	1.26	3610.41	PASS	
125.00†	125.00	0.00	0.00	120.88	124.88	-1083.80	-24.51	-178.70	1084.08	2.03	1192.35	PASS	
200.00	200.00	0.00	0.00	194.07	198.06	-1083.88	-24.14	-178.72	1084.15	2.44	822.58	PASS	
225.00†	225.00	0.04	0.10	223.50	227.50	-1083.90	-24.02		1084.21	2.61	731.63	PASS	
325.00†	324.96	0.99	2.54	352.62	356.58	-1081.76	-25.89		1083.59	3.78	407.55	PASS	
425.00†	424.77	3.20	8.23	455.35	459.17	-1078.26	-29.84		1082.68	4.71	301.96	PASS	
525.00†	524.30	6.67	17.17	560.36	564.03	-1074.57	-34.07		1083.18	5.48	248.49	PASS	
569.36	568.34	8.61	22.16	610.17	613.77	-1072.52	-35.91		1083.64	5.83	230.24	PASS	
625.00†	623.52	11.20	28.83	677.63	681.11	-1069.27	-38.04		1084.07	6.27	210.44	PASS	
725.00†	722.69	15.86	40.82	842.07	844.84	-1055.57	-43.96		1081.69	7.58	167.48	PASS	
825.00†	821.86	20.51	52.80	957.21	959.00	-1041.28	-48.46		1075.39	8.69	142.06	PASS	
925.00†	921.03	25.17	64.79	1072.93	1073.42	-1025.03	-54.31		1067.85	9.47	127.86	PASS	
1025.00†	1020.20	29.82	76.77	1173.59	1172.73	-1009.64	-60.06		1059.46	10.31	115.23	PASS	
1125.00†	1119.37	34.48	88.76	1280.11	1277.77	-993.06	-66.28		1051.17	11.13	104.96	PASS	
1225.00†	1218.54	39.13	100.74	1376.28	1372.55	-977.71	-71.68		1042.79	11.93	96.39	PASS	
1325.00†	1317.71	43.79	112.73	1475.76	1470.62	-961.87	-76.90		1034.75	12.75	88.93	PASS	
1425.00†	1416.88	48.44	124.71	1575.39	1568.90	-946.11	-81.36		1026.99	13.57	82.43	PASS	
1525.00†	1516.05	53.10	136.70	1678.75	1670.71	-929.05	-86.42		1018.98	14.43	76.53	PASS	
1625.00†	1615.22	57.75	148.68	1777.17	1767.64	-912.69	-91.45		1011.26	15.16	71.95	PASS	
1725.00†	1714.39	62.41	160.67	1843.62	1833.12	-902.16	-95.56		1005.06	15.85	67.44	PASS	
1825.00†	1813.56	67.06	172.65	1909.36	1898.04	-893.85	-101.64		1002.86	15.79	66.43	PASS	
1925.00†	1912.73	71.72	184.64	1996.51	1984.19	-884.47	-110.80		1003.34	16.20	64.72	PASS	
2025.00†	2011.90	76.37	196.62	2125.98	2112.30	-869.49	-121.96		1003.12	16.52	63.39	PASS	
2125.00†	2111.07	81.03	208.61	2244.48	2229.49	-853.33	-128.69		1000.41	16.91	61.70	PASS	
2225.00†	2210.24	85.69	220.59	2356.43	2340.28	-837.51	-131.44		996.56	17.36	59.80	PASS	
2325.00†	2309.41	90.34	232.58	2468.04	2450.77	-821.81	-129.68		991.58	17.76	58.12	PASS	
2425.00†	2408.58	95.00	244.56	2566.95	2548.60	-807.60	-126.76		985.99	18.24	56.19	PASS	
2525.00†	2507.75	99.65	256.55	2672.48	2653.03	-792.91	-122.80		980.65	18.79	54.18	PASS	
2625.00†	2606.92	104.31	268.53	2777.21	2756.49	-777.01	-119.63		974.56	19.40	52.10	PASS	
2725.00†	2706.09	108.96	280.52	2843.21	2821.69	-766.82	-120.36		970.09	20.00	50.24	PASS	
2825.00†	2805.26	113.62	292.50	2952.17	2929.37	-750.81	-124.79		967.87	20.92	47.85	PASS	
2925.00†	2904.43	118.27	304.49	3060.07	3035.84	-733.45	-127.21		963.88	21.71	45.86	PASS	
3025.00†	3003.60	122.93	316.47	3142.48	3117.31	-721.13	-128.45		960.90	22.41	44.24	PASS	
3125.00†	3102.77	127.58	328.46	3255.52	3229.16	-704.79	-129.30		958.31	23.24	42.49	PASS	
3225.00†	3201.94	132.24	340.44	3369.53	3341.77	-687.01	-128.21		954.13	24.09	40.77	PASS	
3325.00†	3301.11	136.89	352.43	3469.73	3440.69	-671.23	-125.92		949.41	24.91	39.19	PASS	
3425.00†	3400.28	141.55	364.41	3566.62	3536.35	-655.98	-123.96		945.03	25.74	37.73	PASS	
3525.00†	3499.45	146.21	376.40	3643.43	3612.15	-643.60	-124.40		941.96	26.54	36.44	PASS	
3625.00†	3598.62	150.86	388.39	3704.96	3672.85	-634.09	-127.55		942.25	27.35	35.34	PASS	
3725.00†	3697.79	155.52	400.37	3758.68	3725.86	-627.13	-132.76		947.39	28.15	34.50	PASS	
3825.00†	3796.96	160.17	412.36	3823.79	3790.07	-620.46	-141.17		956.99	29.12	33.66	PASS	
3925.00†	3896.13	164.83	424.34	3909.45	3874.58	-613.64	-153.42		969.68	30.10	32.97	PASS	
4025.00†	3995.30	169.48	436.33	4019.72	3983.39	-604.49	-168.76		982.50	31.09	32.31	PASS	
4125.00†	4094.47	174.14	448.31	4174.10	4135.63	-587.12	-187.45		992.67	32.38	31.32	PASS	
4225.00†	4193.64	178.79	460.30	4303.56	4263.23	-568.05	-197.97		997.96	33.56	30.36	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	4414.16	4372.22	-550.54	-204.88	153.99	1001.80	34.56	29.58	PASS
4425.00†	4391.98	188.10	484.27	4510.76	4467.47	-535.43	-210.35	155.11	1005.83	35.49	28.90	PASS
4525.00†	4491.15	192.76	496.25	4621.48	4576.61	-517.74	-216.14	156.38	1009.76	36.49	28.20	PASS
4625.00†	4590.32	197.41	508.24	4726.74	4680.35	-500.38	-220.20	157.54	1012.73	37.48	27.52	PASS
4725.00†	4689.49	202.07	520.22	4831.13	4783.27	-483.20	-223.55	158.66	1015.67	38.46	26.88	PASS
4825.00†	4788.66	206.73	532.21	4926.74	4877.52	-467.41	-226.34	159.67	1018.70	39.41	26.30	PASS
4925.00†	4887.83	211.38	544.19	5005.42	4955.09	-454.64	-229.59	160.52	1023.16	40.29	25.83	PASS
5025.00†	4987.00	216.04	556.18	5088.31	5036.84	-441.80	-234.38	161.43	1029.66	41.20	25.41	PASS
5125.00†	5086.17	220.69	568.16	5201.22	5148.32	-424.99	-240.53	162.62	1036.70	42.26	24.93	PASS
5225.00†	5185.33	225.35	580.15	5290.02	5235.96	-411.44	-245.08	163.54	1043.58	43.20	24.54	PASS
5325.00†	5284.50	230.00	592.13	5371.99	5316.83	-399.18	-250.36	164.41	1052.00	44.09	24.24	PASS
5425.00†	5383.67	234.66	604.12	5473.92	5417.39	-384.14	-257.60	165.49	1061.41	45.10	23.89	PASS
5525.00†	5482.84	239.31	616.10	5596.38	5538.26	-365.72	-264.42	166.72	1069.79	46.24	23.48	PASS
5625.00†	5582.01	243.97	628.09	5709.34	5649.69	-347.69	-268.58	167.81	1076.41	47.32	23.08	PASS
5725.00†	5681.18	248.62	640.07	5802.54	5741.64	-332.77	-271.61	168.69	1082.97	48.29	22.75	PASS
5825.00†	5780.35	253.28	652.06	5896.44	5834.32	-318.08	-275.09	169.57	1090.40	49.26	22.44	PASS
5925.00†	5879.52	257.93	664.04	5991.15	5927.77	-303.20	-278.99	170.45	1098.41	50.24	22.16	PASS
6025.00†	5978.69	262.59	676.03	6086.43	6021.73	-288.04	-283.34	171.35	1106.99	51.22	21.90	PASS
6125.00†	6077.86	267.25	688.01	7823.87	7032.14	-166.17	702.44	122.92	1048.19	51.77	20.52	PASS
6225.00†	6177.03	271.90	700.00	7835.42	7032.19	-165.67	713.98	121.61	960.71	54.11	17.98	PASS
6325.00†	6276.20	276.56	711.98	7846.98	7032.25	-165.21	725.53	120.28	875.75	56.91	15.57	PASS
6425.00†	6375.37	281.21	723.97	7858.55	7032.31	-164.77	737.09	118.94	794.12	60.27	13.32	PASS
6525.00†	6474.54	285.87	735.95	7870.12	7032.37	-164.35	748.65	117.58	716.96	64.29	11.27	PASS
6532.63	6482.11	286.22	736.87	7871.01	7032.38	-164.32	749.53	117.48	711.30	64.62	11.12	PASS
6625.00†	6574.20	290.39	741.26	7875.60	7032.40	-164.16	754.12	-153.08	645.55	68.93	9.45	PASS
6725.00†	6673.48	294.52	730.94	7866.78	7032.35	-164.47	745.31	-111.50	582.81	73.99	7.94	PASS
6825.00†	6769.94	298.18	705.22	7843.84	7032.24	-165.33	722.39	-107.85	532.86	78.55	6.84	PASS
6925.00†	6861.20	301.25	664.71	7807.33	7032.06	-166.92	685.92	-104.89	498.82	81.58	6.16	PASS
7025.00†	6945.03	303.68	610.42	7758.38	7031.84	-169.45	637.02	-100.41	481.76	82.73	5.86	PASS
7084.51†	6990.52	304.78	572.11	7723.88	7031.68	-171.54	602.59	-97.05	479.07	82.62	5.84	PASS
7087.19†	6992.48	304.83	570.29	7721.33	7031.67	-171.71	600.05	-96.81	479.07	82.58	5.84	PASS
7125.00†	7019.34	305.39	543.69	7697.75	7031.56	-173.29	576.52	-94.50	479.96	82.04	5.89	PASS
7225.00†	7082.33	306.35	466.16	7617.46	7031.34	-178.54	496.40	-87.30	488.50	80.07	6.15	PASS
7325.00†	7132.43	306.53	379.73	7509.12	7030.41	-182.61	388.16	-79.71	499.74	77.54	6.50	PASS
7425.00†	7168.40	305.93	286.54	7414.93	7025.37	-182.25	294.12	-74.40	508.77	75.84	6.76	PASS
7525.00†	7189.38	304.57	188.88	7343.14	7014.49	-181.62	223.20	-70.76	517.83	75.11	6.95	PASS
7613.44	7195.00	302.75	100.71	7271.48	6997.29	-181.20	153.66	-67.80	525.45	74.57	7.10	PASS
7625.00†	7194.93	302.47	89.15	7262.15	6994.68	-181.13	144.70	-67.53	526.37	74.50	7.12	PASS
7725.00†	7194.36	300.10	-10.82	7197.70	6973.19	-180.95	83.97	-65.36	537.88	74.33	7.30	PASS
7825.00†	7193.79	297.73	-110.79	7143.04	6949.51	-181.51	34.74	-63.08	557.25	74.34	7.56	PASS
7925.00†	7193.22	295.36	-210.76	7097.25	6925.89	-183.18	-4.43	-60.95	585.69	74.55	7.92	PASS
8025.00†	7192.64	292.99	-310.73	7054.01	6900.66	-185.90	-39.43	-58.83	623.06	74.80	8.40	PASS
8125.00†	7192.07	290.63	-410.70	7012.58	6874.50	-189.52	-71.35	-56.80	668.24	75.08	8.98	PASS
8225.00†	7191.50	288.26	-510.67	6973.36	6848.13	-193.79	-100.05	-54.89	720.33	75.34	9.64	PASS
8325.00†	7190.93	285.89	-610.64	6934.55	6820.32	-197.90	-126.79	-52.99	778.15	75.61	10.38	PASS

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7190.35	283.52	-710.61	6900.44	6794.48	-201.15	-148.81	-51.29	840.98	75.83	11.19	PASS
8525.00†	7189.78	281.15	-810.58	6863.33	6764.96	-203.81	-171.14	-49.41	908.04	75.77	12.09	PASS
8625.00†	7189.21	278.78	-910.55	6830.53	6737.74	-204.76	-189.40	-47.69	978.62	75.65	13.05	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	-660.69	-15.09	-608.33	-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: 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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	22.54	31.54	-1310.87	-5712.76	-102.92	5861.23	32.46	185.84	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	-798.68	-3482.60	-807.22	-3474.72
8.625in Casing Surface	0.00	690.00	690.00	0.00	688.35	-798.68	-3482.60	-807.22	-3474.72
7.875in Open Hole	690.00	7374.00	6684.00	688.35	7304.24	-807.22	-3474.72	-966.77	-3294.07
4.5in Casing Production	0.00	7374.00	7374.00	0.00	7304.24	-798.68	-3482.60	-966.77	-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	1793.93	1774.01	-3574.69	-6072.18	-120.49	7260.08	50.44	146.58	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	-2342.06	-3759.30	-2263.16	-3731.50
9.625in Casing Surface	25.00	1763.00	1738.00	43.00	1744.62	-2342.06	-3759.30	-2263.16	-3731.50
8.5in Open Hole	1763.00	15526.00	13763.00	1744.62	7108.81	-2263.16	-3731.50	-1773.69	-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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: SLOTH05 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	-1103.54	-24.76	-178.72	1103.81	1.26	3676.17	PASS		
125.00†	125.00	0.00	0.00	141.67	145.65	-1101.90	-24.08	-178.75	1102.36	2.47	821.26	PASS		
200.00	200.00	0.00	0.00	205.76	209.73	-1101.04	-23.60	-178.77	1101.34	3.09	559.19	PASS		
225.00†	225.00	0.04	0.10	232.28	236.25	-1100.79	-23.45	-112.46	1101.14	3.24	519.73	PASS		
325.00†	324.96	0.99	2.54	329.59	333.56	-1099.70	-23.19	-112.57	1101.02	3.84	405.23	PASS		
425.00†	424.77	3.20	8.23	423.61	427.57	-1099.43	-23.34	-112.82	1103.08	4.53	323.86	PASS		
525.00†	524.30	6.67	17.17	530.95	534.91	-1098.75	-24.62	-113.32	1106.26	5.28	266.01	PASS		
569.36	568.34	8.61	22.16	580.74	584.68	-1098.13	-25.68	-113.63	1107.89	5.62	246.05	PASS		
625.00†	623.52	11.20	28.83	647.59	651.48	-1096.70	-27.74	-114.14	1109.69	6.05	225.11	PASS		
725.00†	722.69	15.86	40.82	746.71	750.49	-1093.97	-31.74	-114.95	1112.54	6.81	195.62	PASS		
825.00†	821.86	20.51	52.80	861.85	865.43	-1089.81	-36.85	-115.92	1114.79	7.60	172.04	PASS		
925.00†	921.03	25.17	64.79	994.62	997.88	-1082.72	-42.70	-117.03	1115.74	8.54	150.23	PASS		
1025.00†	1020.20	29.82	76.77	1139.09	1141.45	-1068.55	-50.09	-118.33	1112.30	9.81	127.91	PASS		
1125.00†	1119.37	34.48	88.76	1248.58	1250.00	-1055.32	-55.53	-119.33	1107.05	10.71	115.34	PASS		
1225.00†	1218.54	39.13	100.74	1345.78	1346.31	-1043.07	-60.19	-120.23	1101.54	11.45	106.57	PASS		
1325.00†	1317.71	43.79	112.73	1442.56	1442.23	-1031.15	-64.99	-121.13	1096.62	12.12	99.67	PASS		
1425.00†	1416.88	48.44	124.71	1539.56	1538.39	-1019.28	-69.70	-122.04	1092.06	13.00	91.89	PASS		
1525.00†	1516.05	53.10	136.70	1635.67	1633.70	-1007.72	-74.11	-122.93	1087.95	13.78	85.88	PASS		
1625.00†	1615.22	57.75	148.68	1728.22	1725.50	-996.90	-78.58	-123.80	1084.48	14.56	80.66	PASS		
1725.00†	1714.39	62.41	160.67	1812.68	1809.35	-987.71	-82.84	-124.60	1082.15	15.04	76.82	PASS		
1825.00†	1813.56	67.06	172.65	1920.16	1916.22	-977.34	-87.77	-125.58	1081.27	15.14	74.88	PASS		
1925.00†	1912.73	71.72	184.64	2040.94	2035.82	-961.69	-94.01	-126.77	1077.37	15.48	72.86	PASS		
2025.00†	2011.90	76.37	196.62	2131.59	2125.53	-949.87	-99.38	-127.71	1074.11	15.72	71.50	PASS		
2125.00†	2111.07	81.03	208.61	2223.50	2216.51	-938.32	-105.49	-128.69	1071.84	15.98	70.12	PASS		
2225.00†	2210.24	85.69	220.59	2322.11	2314.12	-926.12	-112.38	-129.76	1070.23	16.32	68.51	PASS		
2325.00†	2309.41	90.34	232.58	2420.01	2411.01	-913.88	-119.31	-130.84	1068.92	16.72	66.72	PASS		
2425.00†	2408.58	95.00	244.56	2517.53	2507.53	-901.80	-126.13	-131.90	1068.09	17.18	64.81	PASS		
2525.00†	2507.75	99.65	256.55	2629.70	2618.56	-887.43	-133.03	-133.09	1066.95	17.74	62.61	PASS		
2625.00†	2606.92	104.31	268.53	2738.99	2726.68	-872.45	-138.44	-134.21	1064.90	18.36	60.30	PASS		
2725.00†	2706.09	108.96	280.52	2840.31	2826.95	-858.37	-142.18	-135.19	1062.55	18.99	58.08	PASS		
2825.00†	2805.26	113.62	292.50	2940.87	2926.58	-844.88	-144.37	-136.08	1060.33	19.66	55.92	PASS		
2925.00†	2904.43	118.27	304.49	3045.78	3030.52	-830.75	-145.81	-136.98	1057.98	20.37	53.76	PASS		
3025.00†	3003.60	122.93	316.47	3142.43	3126.25	-817.45	-147.04	-137.81	1055.56	21.10	51.72	PASS		
3125.00†	3102.77	127.58	328.46	3220.75	3203.84	-807.05	-149.30	-138.54	1054.52	21.80	49.96	PASS		
3225.00†	3201.94	132.24	340.44	3321.30	3303.48	-794.25	-153.18	-139.51	1054.68	22.63	48.07	PASS		
3325.00†	3301.11	136.89	352.43	3428.28	3409.53	-780.44	-156.44	-140.50	1054.61	23.48	46.29	PASS		
3425.00†	3400.28	141.55	364.41	3534.23	3514.50	-766.27	-158.64	-141.45	1053.93	24.34	44.57	PASS		
3525.00†	3499.45	146.21	376.40	3633.85	3613.21	-752.96	-160.04	-142.31	1053.20	25.20	42.98	PASS		
3625.00†	3598.62	150.86	388.39	3723.06	3701.64	-741.23	-161.40	-143.08	1052.95	26.03	41.56	PASS		
3725.00†	3697.79	155.52	400.37	3802.67	3780.55	-731.10	-164.29	-143.84	1054.40	26.84	40.32	PASS		
3825.00†	3796.96	160.17	412.36	3880.65	3857.84	-721.87	-168.91	-144.63	1058.10	27.67	39.22	PASS		
3925.00†	3896.13	164.83	424.34	3962.15	3938.58	-712.89	-173.30	-145.51	1063.84	28.52	38.22	PASS		
4025.00†	3995.30	169.48	436.33	4048.73	4024.38	-704.12	-182.96	-146.45	1071.24	29.39	37.32	PASS		
4125.00†	4094.47	174.14	448.31	4143.37	4118.20	-695.09	-191.61	-147.46	1079.64	30.30	36.46	PASS		
4225.00†	4193.64	178.79	460.30	4246.74	4220.56	-684.77	-201.59	-148.58	1088.37	31.26	35.60	PASS		

C-C Clearance Distance Cutoff: 1000.00 ft



# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	4292.81	183.45	472.28	4362.65	4335.37	-672.39	-211.60	149.79	1096.34	32.31	34.67	PASS		
4425.00†	4391.98	188.10	484.27	4481.72	4453.30	-658.28	-220.00	150.99	1102.77	33.39	33.72	PASS		
4525.00†	4491.15	192.76	496.25	4570.99	4541.71	-647.41	-225.88	151.87	1109.01	34.31	32.98	PASS		
4625.00†	4590.32	197.41	508.24	4649.96	4619.91	-638.29	-232.04	152.66	1116.82	35.17	32.38	PASS		
4725.00†	4689.49	202.07	520.22	4744.49	4713.50	-627.89	-240.31	153.61	1125.98	36.14	31.76	PASS		
4825.00†	4788.66	206.73	532.21	4875.15	4842.87	-612.77	-250.56	154.88	1134.56	37.32	30.97	PASS		
4925.00†	4887.83	211.38	544.19	5003.29	4969.75	-595.80	-256.28	156.03	1139.74	38.51	30.13	PASS		
5025.00†	4987.00	216.04	556.18	5101.45	5066.93	-582.38	-259.81	156.88	1144.42	39.50	29.48	PASS		
5125.00†	5086.17	220.69	568.16	5196.92	5161.41	-569.26	-263.54	157.72	1149.52	40.48	28.88	PASS		
5225.00†	5185.33	225.35	580.15	5283.58	5247.19	-557.58	-267.46	158.48	1155.53	41.42	28.37	PASS		
5325.00†	5284.50	230.00	592.13	5364.72	5327.54	-547.21	-271.99	159.20	1163.02	42.32	27.93	PASS		
5425.00†	5383.67	234.66	604.12	5442.14	5404.23	-538.04	-277.32	159.88	1172.35	43.20	27.57	PASS		
5525.00†	5482.84	239.31	616.10	5534.18	5495.41	-527.83	-284.66	160.69	1183.23	44.18	27.20	PASS		
5625.00†	5582.01	243.97	628.09	5683.13	5643.04	-510.39	-293.85	161.91	1192.79	45.53	26.60	PASS		
5725.00†	5681.18	248.62	640.07	5810.44	5769.14	-493.24	-296.93	162.88	1198.36	46.74	26.02	PASS		
5825.00†	5780.35	253.28	652.06	5912.75	5870.55	-479.73	-297.90	163.60	1203.27	47.77	25.55	PASS		
5925.00†	5879.52	257.93	664.04	6028.63	5985.35	-463.92	-298.09	164.40	1207.46	48.87	25.05	PASS		
6025.00†	5978.69	262.59	676.03	6129.02	6084.62	-449.03	-297.97	165.12	1210.91	49.90	24.60	PASS		
6125.00†	6077.86	267.25	688.01	6216.74	6171.33	-435.76	-298.72	165.79	1215.14	50.87	24.21	PASS		
6225.00†	6177.03	271.90	700.00	6296.81	6256.02	-422.00	-300.00	166.40	1219.14	51.79	23.83	PASS		
6325.00†	6276.20	276.56	711.98	6374.95	6327.54	-408.73	-301.73	166.96	1222.91	52.66	23.46	PASS		
6425.00†	6375.37	281.21	723.97	6453.09	6395.41	-395.96	-303.00	167.48	1226.46	53.48	23.11	PASS		
6525.00†	6474.54	285.87	735.95	6531.23	6462.87	-383.69	-303.85	167.96	1229.80	54.26	22.77	PASS		
6625.00†	6573.71	290.48	747.93	6609.37	6530.33	-371.92	-304.16	168.40	1232.94	55.00	22.44	PASS		
6725.00†	6672.88	295.09	759.91	6687.51	6597.79	-360.39	-304.00	168.80	1235.88	55.70	22.12	PASS		
6825.00†	6772.05	299.69	771.89	6765.65	6665.25	-349.32	-303.48	169.16	1238.63	56.37	21.81	PASS		
6925.00†	6871.22	304.29	783.87	6843.79	6732.71	-338.84	-302.50	169.48	1241.19	57.00	21.51	PASS		
7025.00†	6970.39	308.89	795.85	6921.93	6800.17	-328.96	-301.07	169.76	1243.56	57.59	21.22	PASS		
7125.00†	7069.56	313.49	807.83	7000.07	6867.63	-319.69	-300.00	170.00	1245.77	58.14	20.94	PASS		
7225.00†	7168.73	318.09	819.81	7078.21	6935.09	-311.00	-299.00	170.19	1247.83	58.66	20.67	PASS		
7325.00†	7267.90	322.69	831.79	7156.35	7002.55	-302.92	-298.00	170.34	1249.75	59.15	20.41	PASS		
7425.00†	7367.07	327.29	843.77	7234.49	7070.01	-295.44	-297.00	170.46	1251.54	59.61	20.16	PASS		
7525.00†	7466.24	331.89	855.75	7312.63	7137.47	-288.56	-296.00	170.54	1253.21	60.04	19.92	PASS		
7613.44	7195.00	302.75	100.71	7469.71	7174.78	-274.30	160.48	-87.97	580.49	81.32	7.19	PASS		
7625.00†	7194.93	302.47	89.15	7460.02	7172.76	-275.22	151.06	-87.78	581.43	81.36	7.20	PASS		
7725.00†	7194.36	300.10	-10.82	7373.73	7151.71	-284.12	67.91	-85.80	591.04	81.88	7.27	PASS		
7825.00†	7193.79	297.73	-110.79	7302.67	7124.90	-291.81	2.61	-83.31	604.29	82.83	7.35	PASS		
7925.00†	7193.22	295.36	-210.76	7245.39	7096.86	-299.30	-46.73	-80.77	624.36	83.90	7.50	PASS		
8025.00†	7192.64	292.99	-310.73	7196.15	7069.01	-307.03	-86.58	-78.34	652.35	85.07	7.72	PASS		
8125.00†	7192.07	290.63	-410.70	7145.85	7037.57	-316.13	-124.76	-75.73	688.32	86.04	8.06	PASS		
8225.00†	7191.50	288.26	-510.67	7086.14	6996.00	-325.60	-166.51	-72.39	730.40	86.70	8.49	PASS		
8325.00†	7190.93	285.89	-610.64	7029.99	6952.75	-331.83	-201.73	-69.03	778.15	86.97	9.01	PASS		

C-C Clearance Distance Cutoff: 1000.00 ft

Clearance Report  
DONN 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7190.35	283.52	-710.61	6984.51	6914.91	-334.09	-226.81	-66.14	831.49	86.92	9.64	PASS	
8525.00†	7189.78	281.15	-810.58	6958.81	6892.61	-334.60	-239.57	-64.48	890.79	86.71	10.35	PASS	
8625.00†	7189.21	278.78	-910.55	6936.73	6873.02	-335.00	-249.75	-63.05	955.70	86.38	11.15	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	-672.72	-15.09	-637.62	-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 4C-20-L PWP (REV-A.0)  
Closest Approach  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1206.94	1079.19	138.20	1619.06	25.57	65.77	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	-735.74	657.89	-735.74	657.89
8.625in Casing Surface	0.00	418.00	418.00	10.00	428.00	-735.74	657.89	-735.74	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 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-3862.77	-6166.36	-122.06	7276.33	25.57	295.72	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	-2354.27	-3759.31	-2290.86	-3736.33
9.625in Casing Surface	25.00	1762.00	1737.00	43.00	1753.95	-2354.27	-3759.31	-2290.86	-3736.33
8.5in Open Hole	1762.00	15615.00	13853.00	1753.95	7197.89	-2290.86	-3736.33	-1853.83	-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 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	22.81	37.81	-1003.70	-4473.25	-102.65	4584.49	30.53	154.79	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	-611.59	-2726.97	-630.06	-2718.26
8.625in Casing Surface	16.00	700.00	684.00	22.00	701.73	-611.59	-2726.97	-630.06	-2718.26
7.875in Open Hole	700.00	7325.00	6625.00	701.73	7177.25	-630.06	-2718.26	-911.93	-2502.22
4.5in Casing Production	16.00	7325.00	7309.00	22.00	7177.25	-611.59	-2726.97	-911.93	-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	ISOWSA 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 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-3882.80	-6166.37	-122.20	7286.99	25.57	296.16	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	-2366.49	-3759.31	-2319.30	-3737.66
9.625in Open Hole	25.00	1757.00	1732.00	43.00	1757.59	-2366.49	-3759.31	-2319.30	-3737.66
8.5in Open Hole	1757.00	15343.00	13586.00	1757.59	7022.57	-2319.30	-3737.66	-1924.55	-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

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**REFERENCE WELLPATH IDENTIFICATION**

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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]	ACR Status
25.00	25.00	0.00	0.00	7.00	25.00	-3902.84	-6166.06	-122.33	7297.43	25.57	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	-2378.70	-3759.13	-2342.26	-3740.79
9.625in Casing Intermediate	25.00	1763.00	1738.00	43.00	1768.40	-2378.70	-3759.13	-2342.26	-3740.79
8.5in Open Hole	1763.00	15220.00	13457.00	1768.40	6973.74	-2342.26	-3740.79	-2005.36	-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

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DONN 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-3922.88	-6166.07	-122.47	7308.17	25.57	297.02	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	-2390.92	-3759.13	-2366.70	-3743.85
9.625in Casing Surface	25.00	1761.00	1736.00	43.00	1771.70	-2390.92	-3759.13	-2366.70	-3743.85
8.5in Open Hole	1761.00	15473.00	13712.00	1771.70	7198.80	-2366.70	-3743.85	-2074.09	-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



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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1123.57	-24.76	-178.74	1123.85	1.26	3742.94	PASS	
125.00†	125.00	0.00	0.00	120.74	124.73	-1123.59	-23.95	-178.78	1123.85	2.03	1236.15	PASS	
200.00	200.00	0.00	0.00	193.29	197.28	-1123.70	-23.12	-178.82	1123.95	2.44	854.41	PASS	
225.00†	225.00	0.04	0.10	218.86	222.85	-1123.77	-22.97	112.40	1124.05	2.65	737.90	PASS	
325.00†	324.96	0.99	2.54	324.20	328.18	-1123.65	-24.32	112.58	1124.96	4.20	365.23	PASS	
425.00†	424.77	3.20	8.23	422.15	426.04	-1123.23	-28.33	113.03	1127.03	5.53	255.54	PASS	
525.00†	524.30	6.67	17.17	519.95	523.72	-1123.15	-33.26	113.64	1130.95	6.17	223.84	PASS	
569.36	568.34	8.61	22.16	567.38	571.09	-1123.02	-35.57	113.99	1133.10	6.46	212.04	PASS	
625.00†	623.52	11.20	28.83	640.99	644.63	-1122.08	-38.50	114.57	1135.48	6.84	198.34	PASS	
725.00†	722.69	15.86	40.82	788.72	792.16	-1115.45	-42.04	115.64	1136.46	7.83	169.38	PASS	
825.00†	821.86	20.51	52.80	923.68	926.61	-1104.98	-47.02	116.72	1134.75	8.74	148.90	PASS	
925.00†	921.03	25.17	64.79	1035.25	1037.42	-1093.35	-52.88	117.72	1130.70	9.60	133.35	PASS	
1025.00†	1020.20	29.82	76.77	1136.47	1137.85	-1082.22	-58.83	118.66	1126.44	10.32	122.41	PASS	
1125.00†	1119.37	34.48	88.76	1246.09	1246.52	-1069.42	-65.42	119.71	1121.84	11.11	112.24	PASS	
1225.00†	1218.54	39.13	100.74	1350.29	1349.72	-1056.31	-71.26	120.70	1116.59	11.88	103.76	PASS	
1325.00†	1317.71	43.79	112.73	1446.25	1444.76	-1044.14	-76.61	121.61	1111.56	12.67	96.18	PASS	
1425.00†	1416.88	48.44	124.71	1534.99	1532.70	-1033.36	-81.52	122.46	1107.36	13.42	89.95	PASS	
1525.00†	1516.05	53.10	136.70	1620.37	1617.46	-1023.99	-85.64	123.24	1104.46	14.15	84.70	PASS	
1625.00†	1615.22	57.75	148.68	1713.74	1710.25	-1014.61	-90.30	124.10	1102.77	14.96	79.62	PASS	
1725.00†	1714.39	62.41	160.67	1817.81	1813.71	-1004.30	-94.67	125.01	1101.33	15.46	75.88	PASS	
1825.00†	1813.56	67.06	172.65	1919.37	1914.66	-993.81	-98.27	125.88	1099.58	15.52	74.18	PASS	
1925.00†	1912.73	71.72	184.64	2011.88	2006.55	-984.06	-102.72	126.73	1098.20	15.63	73.53	PASS	
2025.00†	2011.90	76.37	196.62	2102.30	2096.38	-975.13	-107.76	127.59	1097.93	15.79	72.73	PASS	
2125.00†	2111.07	81.03	208.61	2198.88	2192.35	-965.89	-113.43	128.52	1098.35	16.08	71.39	PASS	
2225.00†	2210.24	85.69	220.59	2298.62	2291.44	-956.28	-119.55	129.50	1099.08	16.41	69.95	PASS	
2325.00†	2309.41	90.34	232.58	2403.16	2395.29	-945.95	-125.60	130.50	1099.80	16.81	68.24	PASS	
2425.00†	2408.58	95.00	244.56	2502.45	2493.90	-935.74	-131.19	131.45	1100.41	17.27	66.39	PASS	
2525.00†	2507.75	99.65	256.55	2598.81	2589.62	-925.99	-136.46	132.36	1101.41	17.78	64.49	PASS	
2625.00†	2606.92	104.31	268.53	2696.61	2686.78	-916.20	-141.90	133.29	1102.84	18.34	62.53	PASS	
2725.00†	2706.09	108.96	280.52	2800.39	2789.87	-905.64	-147.42	134.26	1104.34	18.96	60.47	PASS	
2825.00†	2805.26	113.62	292.50	2903.43	2892.21	-894.78	-152.49	135.21	1105.65	19.62	58.42	PASS	
2925.00†	2904.43	118.27	304.49	3004.18	2992.29	-884.06	-156.95	136.12	1106.94	20.32	56.41	PASS	
3025.00†	3003.60	122.93	316.47	3107.25	3094.69	-873.05	-161.00	137.02	1108.26	21.05	54.44	PASS	
3125.00†	3102.77	127.58	328.46	3213.89	3200.63	-861.33	-164.38	137.92	1109.24	21.84	52.47	PASS	
3225.00†	3201.94	132.24	340.44	3312.70	3298.79	-850.32	-166.89	138.73	1110.04	22.62	50.64	PASS	
3325.00†	3301.11	136.89	352.43	3415.87	3401.28	-838.69	-169.32	139.56	1110.86	23.44	48.84	PASS	
3425.00†	3400.28	141.55	364.41	3514.87	3499.62	-827.53	-171.54	140.36	1111.86	24.26	47.17	PASS	
3525.00†	3499.45	146.21	376.40	3626.51	3610.51	-814.70	-172.75	141.21	1112.31	25.16	45.46	PASS	
3625.00†	3598.62	150.86	388.39	3728.13	3711.45	-802.94	-172.41	141.92	1112.19	26.04	43.88	PASS	
3725.00†	3697.79	155.52	400.37	3818.42	3801.12	-792.47	-172.69	142.57	1112.54	26.89	42.47	PASS	
3825.00†	3796.96	160.17	412.36	3904.48	3886.61	-782.67	-174.40	143.25	1114.13	27.73	41.20	PASS	
3925.00†	3896.13	164.83	424.34	3986.92	3968.49	-773.63	-177.45	143.95	1117.18	28.57	40.06	PASS	
4025.00†	3995.30	169.48	436.33	4071.11	4052.14	-765.11	-181.84	144.70	1121.98	29.43	39.03	PASS	
4125.00†	4094.47	174.14	448.31	4153.77	4134.25	-757.21	-187.00	145.45	1128.10	30.29	38.11	PASS	
4225.00†	4193.64	178.79	460.30	4233.00	4212.97	-750.63	-193.15	146.19	1136.31	31.13	37.33	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	
4325.00†	4292.81	183.45	472.28	4331.08	4310.38	-742.85	-201.56	147.11	1145.59	32.08	36.49	PASS	
4425.00†	4391.98	188.10	484.27	4443.56	4422.10	-733.40	-210.56	148.13	1154.49	33.11	35.61	PASS	
4525.00†	4491.15	192.76	496.25	4550.22	4528.05	-723.63	-218.05	149.07	1162.48	34.11	34.78	PASS	
4625.00†	4590.32	197.41	508.24	4633.66	4610.93	-716.09	-224.07	149.80	1170.97	34.99	34.14	PASS	
4725.00†	4689.49	202.07	520.22	4715.74	4692.44	-709.41	-231.04	150.53	1181.19	35.87	33.57	PASS	
4825.00†	4788.66	206.73	532.21	4829.92	4805.86	-700.63	-240.77	151.51	1192.09	36.95	32.88	PASS	
4925.00†	4887.83	211.38	544.19	4974.41	4949.39	-686.55	-249.45	152.68	1199.97	38.23	31.97	PASS	
5025.00†	4987.00	216.04	556.18	5105.13	5079.24	-672.03	-253.19	153.64	1205.09	39.40	31.13	PASS	
5125.00†	5086.17	220.69	568.16	5203.33	5176.73	-660.35	-254.90	154.33	1209.08	40.39	30.45	PASS	
5225.00†	5185.33	225.35	580.15	5296.79	5269.54	-649.46	-256.62	154.99	1213.49	41.36	29.84	PASS	
5325.00†	5284.50	230.00	592.13	5384.77	5356.88	-639.26	-259.01	155.63	1218.73	42.30	29.29	PASS	
5425.00†	5383.67	234.66	604.12	5469.45	5440.96	-629.68	-262.39	156.26	1225.23	43.22	28.80	PASS	
5525.00†	5482.84	239.31	616.10	5572.11	5542.90	-618.43	-266.84	157.03	1232.44	44.25	28.29	PASS	
5625.00†	5582.01	243.97	628.09	5684.30	5654.30	-605.62	-270.40	157.83	1238.67	45.34	27.74	PASS	
5725.00†	5681.18	248.62	640.07	5777.55	5746.88	-594.89	-273.34	158.49	1245.05	46.32	27.28	PASS	
5825.00†	5780.35	253.28	652.06	5867.46	5836.14	-584.67	-276.73	159.13	1252.16	47.28	26.87	PASS	
5925.00†	5879.52	257.93	664.04	5962.62	5930.61	-573.98	-281.06	159.82	1260.12	48.27	26.48	PASS	
6025.00†	5978.69	262.59	676.03	6054.93	6022.24	-563.70	-285.27	160.48	1268.36	49.25	26.12	PASS	
6125.00†	6077.86	267.25	688.01	7909.66	7109.84	-443.64	720.79	117.93	1253.56	58.19	21.79	PASS	
6225.00†	6177.03	271.90	700.00	7922.21	7109.79	-443.13	733.32	117.01	1175.76	60.88	19.53	PASS	
6325.00†	6276.20	276.56	711.98	7934.83	7109.75	-442.59	745.94	116.07	1101.42	63.88	17.42	PASS	
6425.00†	6375.37	281.21	723.97	7947.54	7109.70	-442.04	758.64	115.13	1031.27	67.19	15.50	PASS	
6525.00†	6474.54	285.87	735.95	7960.34	7109.67	-441.46	771.42	114.17	966.25	70.80	13.77	PASS	
6532.63	6482.11	286.22	736.87	7961.32	7109.66	-441.41	772.39	114.10	961.53	71.09	13.65	PASS	
6625.00†	6574.20	290.39	741.26	7965.99	7109.65	-441.19	777.06	-153.88	907.30	74.52	12.28	PASS	
6725.00†	6673.48	294.52	730.94	7954.73	7109.68	-441.71	765.81	-110.55	856.47	78.05	11.06	PASS	
6825.00†	6769.94	298.18	705.22	7926.62	7109.78	-442.94	737.73	-106.30	815.97	80.68	10.19	PASS	
6925.00†	6861.20	301.25	664.71	7882.19	7109.96	-444.70	693.33	-103.74	786.85	81.93	9.68	PASS	
7025.00†	6945.03	303.68	610.42	7830.48	7110.19	-446.69	641.66	-101.00	768.96	82.35	9.41	PASS	
7095.33†	6998.40	304.96	564.70	7786.92	7110.35	-448.54	598.15	-98.61	762.51	82.14	9.36	PASS	
7125.00†	7019.34	305.39	543.69	7764.82	7110.43	-449.50	576.06	-97.40	761.05	81.85	9.37	PASS	
7190.94†	7062.25	306.11	493.67	7712.67	7110.67	-451.61	523.96	-94.66	759.87	81.19	9.43	PASS	
7225.00†	7082.33	306.35	466.16	7681.50	7110.86	-452.77	492.81	-93.14	760.12	80.68	9.50	PASS	
7325.00†	7132.43	306.53	379.73	7584.18	7111.35	-455.42	395.53	-89.03	762.40	79.35	9.69	PASS	
7425.00†	7168.40	305.93	286.54	7495.46	7108.85	-456.96	306.88	-85.99	765.49	78.69	9.81	PASS	
7525.00†	7189.38	304.57	188.88	7419.81	7099.66	-459.29	231.85	-83.66	770.31	78.74	9.86	PASS	
7613.44	7195.00	302.75	100.71	7332.46	7080.77	-461.60	146.64	-81.50	774.20	78.51	9.94	PASS	
7625.00†	7194.93	302.47	89.15	7322.21	7077.95	-461.78	136.79	-81.30	774.62	78.54	9.94	PASS	
7725.00†	7194.36	300.10	-10.82	7238.80	7048.98	-462.62	58.64	-79.21	779.56	79.18	9.93	PASS	
7825.00†	7193.79	297.73	-110.79	7166.62	7016.15	-462.92	-5.61	-76.86	788.17	79.86	9.95	PASS	
7925.00†	7193.22	295.36	-210.76	7118.92	6990.87	-463.67	-46.03	-75.08	802.63	81.58	9.92	PASS	
8025.00†	7192.64	292.99	-310.73	7076.16	6965.87	-465.56	-80.67	-73.38	824.47	83.17	9.99	PASS	
8125.00†	7192.07	290.63	-410.70	7033.15	6938.46	-468.29	-113.68	-71.57	853.52	84.78	10.14	PASS	
8225.00†	7191.50	288.26	-510.67	6994.92	6912.12	-471.09	-141.24	-69.88	889.46	86.19	10.40	PASS	
8325.00†	7190.93	285.89	-610.64	6950.19	6879.08	-474.27	-171.21	-67.81	931.76	87.22	10.76	PASS	

C-C Clearance Distance Cutoff: 1000.00 ft

# Clearance Report

DONN 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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†	7190.35	283.52	-710.61	6908.17	6845.99	-476.08	-197.02	-65.77	979.47	87.93	11.22	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	-684.93	-15.09	-649.03	-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-2661.68	-4365.37	-121.37	5112.82	25.57	207.78	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	-1622.32	-2661.27	-1622.52	-2661.56
8.625in Casing Surface	0.00	340.00	340.00	20.00	360.00	-1622.32	-2661.27	-1622.52	-2661.56
7.5in Open Hole	340.00	7235.00	6895.00	360.00	7254.42	-1622.52	-2661.56	-1636.60	-2663.82
4.5in Casing Production	0.00	7235.00	7235.00	20.00	7254.42	-1622.32	-2661.27	-1636.60	-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	ACR Status
25.00	25.00	0.00	0.00	7.00	25.00	-3942.92	-6166.07	-122.60	7318.95	25.57	297.46	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	-2403.13	-3759.14	-2389.85	-3746.43
9.625in Casing Surface	25.00	1761.00	1736.00	43.00	1774.89	-2403.13	-3759.14	-2390.20	-3746.82
8.5in Open Hole	1771.00	15315.00	13544.00	1784.74	7099.37	-2389.85	-3746.43	-2148.85	-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-4022.76	-6166.09	-123.12	7362.29	25.57	299.22	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	-2451.81	-3759.16	-2444.10	-3752.40
9.625in Casing Surface	25.00	1761.00	1736.00	43.00	1777.45	-2451.81	-3759.16	-2444.10	-3752.40
8.5in Open Hole	1761.00	15425.00	13664.00	1777.45	7204.69	-2444.10	-3752.40	-2235.04	-1003.91

## 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

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-4042.80	-6166.10	-123.25	7373.26	25.57	299.66	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	-2464.02	-3759.16	-2453.14	-3746.94
9.625in Casing Surface	25.00	1762.00	1737.00	43.00	1777.26	-2464.02	-3759.16	-2452.80	-3746.50
8.5in Open Hole	1750.00	15230.00	13480.00	1765.40	7026.37	-2453.14	-3746.94	-2298.25	-1009.10

## 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

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-4062.82	-6166.12	-123.38	7384.27	25.57	300.11	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	-2476.22	-3759.17	-2465.76	-3740.82
9.625in Casing Surface	25.00	1763.00	1738.00	43.00	1777.13	-2476.22	-3759.17	-2465.78	-3740.94
8.5in Open Hole	1766.00	11901.00	10135.00	1780.11	6868.87	-2465.76	-3740.82	-2346.07	-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



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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-4062.82	-6166.12	-123.38	7384.27	25.57	300.11	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	-2476.22	-3759.17	-2465.76	-3740.82
9.625in Casing Surface	25.00	1763.00	1738.00	43.00	1777.13	-2476.22	-3759.17	-2465.78	-3740.94
8.5in Open Hole	1766.00	9486.00	7720.00	1780.11	6931.21	-2465.76	-3740.82	-2364.54	-2712.21
8.5in Open Hole	9486.00	15085.00	5599.00	6931.21	6934.12	-2364.54	-2712.21	-2362.28	-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

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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: SLOT#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	-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 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	-2488.45	-3759.03	-2487.12	-3734.37
9.625in Casing Surface	25.00	1774.00	1749.00	43.00	1788.10	-2488.45	-3759.03	-2487.07	-3733.96
8.5in Open Hole	1760.00	15173.00	13413.00	1774.17	7025.97	-2487.12	-3734.37	-2442.72	-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

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1143.61	-24.76	-178.76	1143.88	1.26	3809.72	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	-697.15	-15.09	-673.58	-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

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-2568.95	-3264.14	-128.20	4153.80	25.57	168.80	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	-1565.90	-1989.92	-1565.19	-1990.85
9.625in Casing Surface	0.00	302.00	302.00	7.00	308.97	-1565.90	-1989.92	-1565.19	-1990.85
7.875in Open Hole	302.00	7263.00	6961.00	308.97	7268.90	-1565.19	-1990.85	-1574.29	-2015.19
4.5in Casing Production	0.00	7263.00	7263.00	7.00	7268.90	-1565.90	-1989.92	-1574.29	-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 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-4102.91	-6165.88	-123.64	7406.21	25.57	301.00	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	-2500.66	-3759.03	-2505.53	-3727.95
9.625in Casing Surface	25.00	1779.00	1754.00	43.00	1792.13	-2500.66	-3759.03	-2505.58	-3727.53
8.5in Open Hole	1765.00	15339.00	13574.00	1778.19	7212.20	-2505.53	-3727.95	-2531.21	-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 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-4122.95	-6165.89	-123.77	7417.34	25.57	301.46	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	-2512.88	-3759.04	-2536.08	-3725.06
9.625in Casing Surface	25.00	1767.00	1742.00	43.00	1777.34	-2512.88	-3759.04	-2536.27	-3724.69
8.5in Open Hole	1755.00	15267.00	13512.00	1765.42	7113.20	-2536.08	-3725.06	-2601.48	-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

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-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 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	-709.36	-15.09	-695.87	-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

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DONN 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-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 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	-721.57	-15.09	-721.92	-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



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DONN 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	57.39	-3082.96	-88.93	3083.50	50.17	62.64	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

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DONN 4C-20-L PWP (REV-A.0)

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-2543.60	-1734.73	-145.71	3078.83	25.57	125.11	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	-1550.54	-1057.55	-1551.10	-1057.47
6.25in Open Hole	0.00	7278.00	7278.00	7.00	7283.82	-1550.54	-1057.55	-1559.37	-1073.39
4.5in Casing Production	0.00	7278.00	7278.00	7.00	7283.82	-1550.54	-1057.55	-1559.37	-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

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-2272.60	-669.40	-163.59	2369.14	25.57	96.26	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	-1385.37	-408.09	-1385.33	-408.91
8.625in Casing Surface	0.00	326.00	326.00	16.00	341.99	-1385.37	-408.09	-1385.33	-408.91
7.875in Open Hole	326.00	7257.00	6931.00	341.99	7271.79	-1385.33	-408.91	-1401.38	-429.90
3.5in Casing Production	0.00	7257.00	7257.00	16.00	7271.79	-1385.37	-408.09	-1401.38	-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

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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-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-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	-733.79	-15.09	-733.61	-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-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 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	-746.00	-15.09	-771.63	-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1243.80	-24.76	-178.86	1244.04	1.26	4143.60	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	-758.22	-15.09	-768.01	-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 4C-20-L PWP (REV-A.0)

Closest Approach

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## REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-4055.88	-1733.72		-156.85	4410.89	25.57	179.25	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	-2472.42	-1056.97	-2472.50	-1057.26
9.625in Casing Surface	0.00	402.00	402.00	21.00	423.00	-2472.42	-1056.97	-2472.50	-1057.26
7.875in Open Hole	402.00	7275.00	6873.00	423.00	7294.95	-2472.50	-1057.26	-2488.91	-1073.38
4.5in Casing Production	0.00	7275.00	7275.00	21.00	7294.95	-2472.42	-1056.97	-2488.91	-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

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DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION

Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-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	-1023.69	-24.76	-178.61	1023.99	1.26	3410.09	PASS	
125.00†	125.00	0.00	0.00	132.14	136.13	-1023.07	-24.40	-178.63	1023.42	2.14	1006.44	PASS	
200.00	200.00	0.00	0.00	213.38	217.37	-1022.00	-24.07	-178.65	1022.43	2.64	674.43	PASS	
225.00†	225.00	0.04	0.10	245.86	249.85	-1021.33	-24.04	-112.59	1021.96	2.73	636.57	PASS	
325.00†	324.96	0.99	2.54	381.92	385.77	-1015.69	-25.19	-112.91	1018.87	3.88	369.26	PASS	
425.00†	424.77	3.20	8.23	535.44	538.63	-1001.91	-27.92	-113.69	1012.18	5.49	231.73	PASS	
525.00†	524.30	6.67	17.17	667.52	669.57	-984.86	-30.29	-114.69	1003.23	6.58	183.71	PASS	
569.36	568.34	8.61	22.16	730.91	732.16	-974.97	-31.94	-115.31	998.60	7.04	168.62	PASS	
625.00†	623.52	11.20	28.83	798.11	798.32	-963.36	-34.04	-115.93	992.11	7.55	154.32	PASS	
725.00†	722.69	15.86	40.82	951.88	948.66	-931.79	-40.15	-117.48	977.58	8.73	128.37	PASS	
825.00†	821.86	20.51	52.80	1073.05	1065.75	-901.41	-47.12	-118.92	958.85	9.88	111.96	PASS	
925.00†	921.03	25.17	64.79	1169.77	1158.83	-875.86	-53.40	-120.17	939.35	10.57	99.36	PASS	
1025.00†	1020.20	29.82	76.77	1263.59	1249.20	-851.38	-59.33	-121.42	920.58	11.35	89.90	PASS	
1125.00†	1119.37	34.48	88.76	1362.70	1344.71	-825.56	-65.00	-122.75	902.27	12.18	81.51	PASS	
1225.00†	1218.54	39.13	100.74	1452.94	1431.78	-802.24	-69.37	-123.96	884.49	13.00	74.40	PASS	
1325.00†	1317.71	43.79	112.73	1551.44	1526.96	-777.22	-73.51	-125.29	867.48	13.87	67.96	PASS	
1425.00†	1416.88	48.44	124.71	1638.03	1610.75	-755.65	-76.77	-126.46	851.33	14.72	62.55	PASS	
1525.00†	1516.05	53.10	136.70	1737.53	1707.16	-731.31	-80.57	-127.85	836.08	15.65	57.50	PASS	
1625.00†	1615.22	57.75	148.68	1797.00	1764.74	-716.64	-82.90	-128.71	821.99	16.45	53.57	PASS	
1708.92†	1698.44	61.66	158.74	1797.00	1764.74	-716.64	-82.90	-128.71	817.64	16.87	51.87	PASS	
1725.00†	1714.39	62.41	160.67	1797.00	1764.74	-716.64	-82.90	-128.71	817.79	16.94	51.65	PASS	
1778.62†	1767.56	64.90	167.10	1797.00	1764.74	-716.64	-82.90	-128.71	820.56	16.83	51.50	PASS	
1825.00†	1813.56	67.06	172.65	1797.00	1764.74	-716.64	-82.90	-128.71	825.76	16.90	51.62	PASS	
1925.00†	1912.73	71.72	184.64	1797.00	1764.74	-716.64	-82.90	-128.71	845.57	16.78	53.25	PASS	
2025.00†	2011.90	76.37	196.62	1797.00	1764.74	-716.64	-82.90	-128.71	876.41	16.61	55.77	PASS	
2125.00†	2111.07	81.03	208.61	1797.00	1764.74	-716.64	-82.90	-128.71	917.17	16.43	59.05	PASS	
2225.00†	2210.24	85.69	220.59	1797.00	1764.74	-716.64	-82.90	-128.71	966.59	16.25	62.96	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	1764.74	-624.04	-15.09	-530.45	-32.82



**Clearance Report**  
DONN 4C-20-L PWP (REV-A.0)  
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REFERENCE WELLPATH IDENTIFICATION			
Operator	SRC ENERGY	Slot	SLOT#15 DONN 4C-20-L (778'FNL & 251'FEL, SEC.21)
Area	COLORADO	Well	DONN 4C-20-L
Field	WELD COUNTY (NAD83,TRUE NORTH)	Wellbore	DONN 4C-20-L PWB
Facility	SEC.21-T06N-R66W		

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 Corr) (Rockies 0.03Gt model)	BHI NAVITRAK W/EM 13.5" (STD ROTATING, AXIAL, ROCKIES GT)<91-1714>	LEFFLER 26N-23B-L AWB
1735.00	1797.00	Blind Drilling (std)	Projection to bit	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