

US ROCKIES REGION PLANNING

COLORADO NORTHERN ZONE - 83

WELD_WEISS PAD

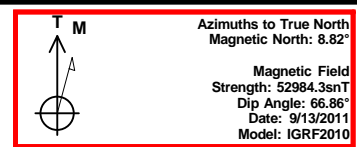
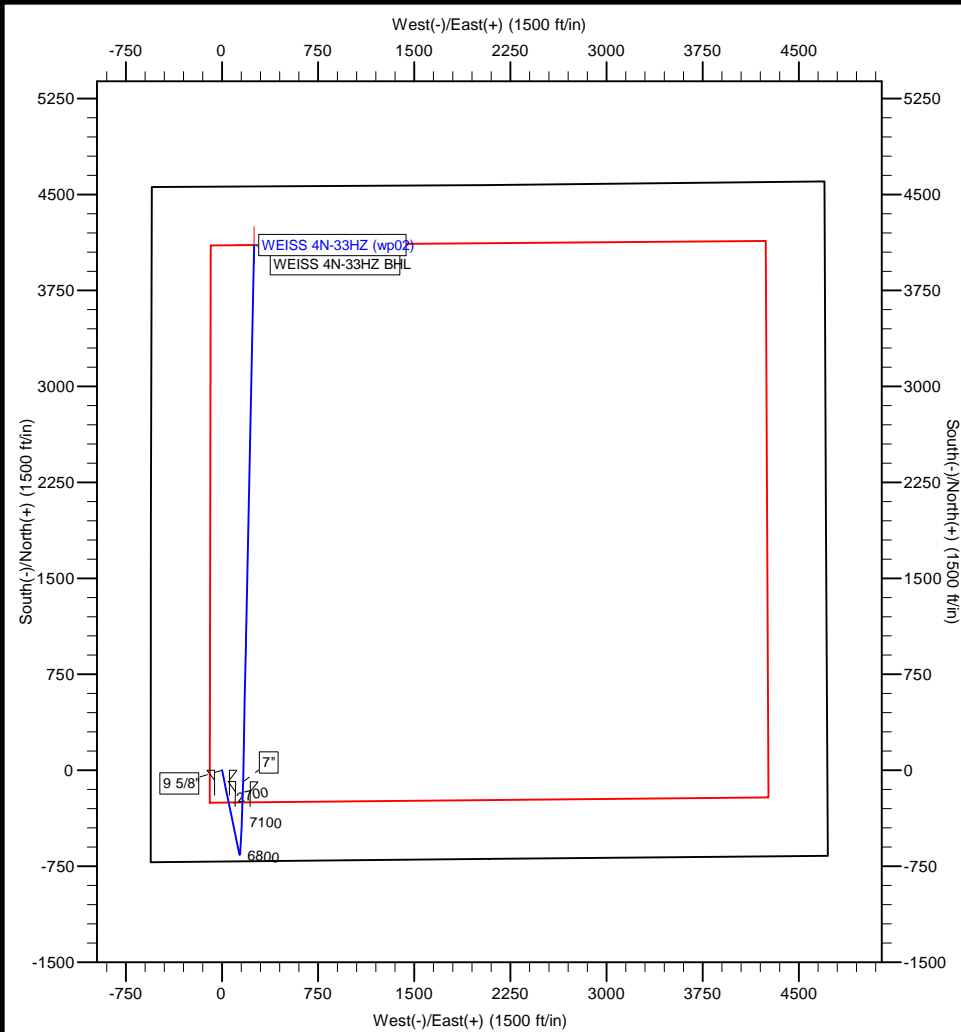
WEISS 4N-33HZ

WEISS 4N-33HZ

Plan: WEISS 4N-33HZ (wp02)

Standard Planning Report

09 December, 2011



Project: COLORADO NORTHERN ZONE - 83
Site: WELD WEISS PAD
Well: WEISS 4N-33HZ
Wellbore: WEISS 4N-33HZ
Section:
SHL:
Design: WEISS 4N-33HZ (wp02)
Latitude: 40.176156
Longitude: -104.789640
GL: 4914.01
KB: 17' RKB + 4914' GL @ 4931.01ft (Original Well Elev)

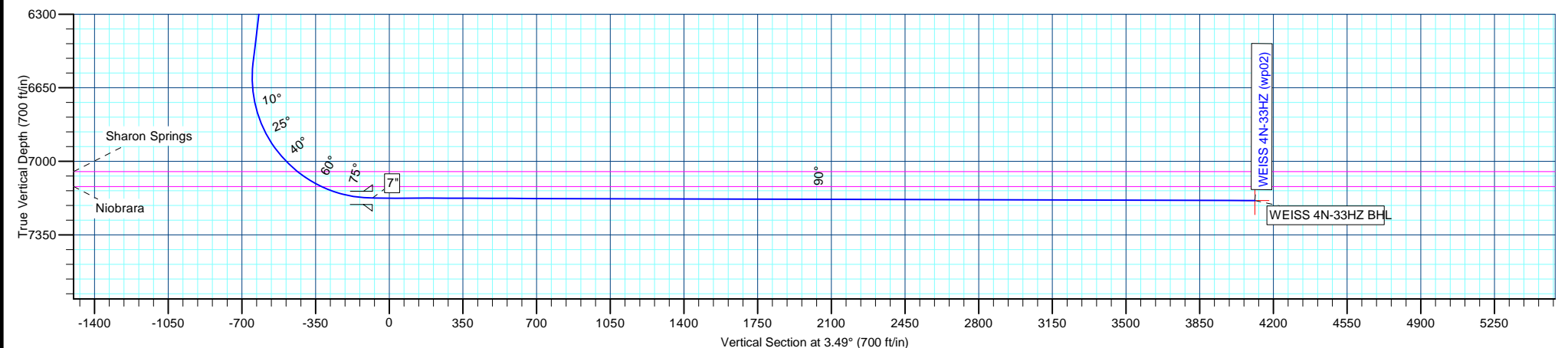
WELL DETAILS: WEISS 4N-33HZ						
+N/-S	+E/-W	Northing	Ground Level: Easting	4914.01 Latitude	Longitude	Slot
0.00	0.00	1307811.54	3198493.73	40.176156	-104.789640	

SECTION DETAILS								
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
850.00	0.00	0.00	850.00	0.00	0.00	0.00	0.00	0.00
1196.90	6.94	168.37	1196.06	-20.55	4.23	2.00	168.37	-20.25
6575.01	6.94	168.37	6534.78	-656.86	135.21	0.00	0.00	-647.41
7541.02	89.84	1.17	7175.00	-90.00	164.00	10.00	-167.11	-79.85
7541.94	89.84	1.18	7175.00	-89.08	164.02	1.00	90.00	-78.93
11735.96	89.84	1.18	7187.01	4104.04	250.33	0.00	0.00	4111.66

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)							
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape	Point
WEISS 4N-33HZ BHL	7187.01	4104.04	250.33	40.187422	-104.788744	Point	

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
3133.01	3148.14	PARKMAN
4385.01	4409.38	SUSSEX
7049.01	7155.30	Sharon Springs
7121.01	7291.89	Niobrara

CASING DETAILS			
TVD	MD	Name	Size
700.00	700.00	9 5/8"	9-5/8
7175.00	7541.02	7"	7



Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well WEISS 4N-33HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	17' RKB + 4914' GL @ 4931.01ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	17' RKB + 4914' GL @ 4931.01ft (Original Well Elev)
Site:	WELD_WEISS PAD	North Reference:	True
Well:	WEISS 4N-33HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	WEISS 4N-33HZ		
Design:	WEISS 4N-33HZ (wp02)		

Project	COLORADO NORTHERN ZONE - 83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		WELD_WEISS PAD			
Site Position:		Northing:	1,307,811.68 usft	Latitude:	40.176156
From:	Lat/Long	Easting:	3,198,507.98 usft	Longitude:	-104.789589
Position Uncertainty:	0.00 ft	Slot Radius:	0 "	Grid Convergence:	0.46 °

Well	WEISS 4N-33HZ					
Well Position	+N/-S	-0.02 ft	Northing:	1,307,811.54 usft	Latitude:	40.176156
	+E/-W	-14.25 ft	Easting:	3,198,493.73 usft	Longitude:	-104.789640
Position Uncertainty		0.00 ft	Wellhead Elevation:		Ground Level:	4,914.01 ft

Wellbore	WEISS 4N-33HZ				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/13/2011	8.82	66.86	52,984

Design	WEISS 4N-33HZ (wp02)			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	3.49

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
850.00	0.00	0.00	850.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,196.90	6.94	168.37	1,196.06	-20.55	4.23	2.00	2.00	0.00	168.37	
6,575.01	6.94	168.37	6,534.78	-656.86	135.21	0.00	0.00	0.00	0.00	
7,541.02	89.84	1.17	7,175.00	-90.00	164.00	10.00	8.58	-17.31	-167.11	
7,541.94	89.84	1.18	7,175.00	-89.08	164.02	1.00	0.00	1.00	90.00	
11,735.97	89.84	1.18	7,187.01	4,104.04	250.33	0.00	0.00	0.00	0.00	WEISS 4N-33HZ BHL

Anadarko Petroleum Corp

Planning Report

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Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	17' RKB + 4914' GL @ 4931.01ft (Original Well Elev)
Site:	WELD_WEISS PAD	North Reference:	True
Well:	WEISS 4N-33HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	WEISS 4N-33HZ		
Design:	WEISS 4N-33HZ (wp02)		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00	
9 5/8"										
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
850.00	0.00	0.00	850.00	0.00	0.00	0.00	0.00	0.00	0.00	
Start Build 2.00										
900.00	1.00	168.37	900.00	-0.43	0.09	-0.42	2.00	2.00	0.00	
1,000.00	3.00	168.37	999.93	-3.85	0.79	-3.79	2.00	2.00	0.00	
1,100.00	5.00	168.37	1,099.68	-10.68	2.20	-10.52	2.00	2.00	0.00	
1,196.90	6.94	168.37	1,196.06	-20.55	4.23	-20.25	2.00	2.00	0.00	
Start 5378.11 hold at 1196.90 MD										
1,200.00	6.94	168.37	1,199.13	-20.91	4.30	-20.61	0.00	0.00	0.00	
1,300.00	6.94	168.37	1,298.40	-32.74	6.74	-32.27	0.00	0.00	0.00	
1,400.00	6.94	168.37	1,397.67	-44.58	9.18	-43.94	0.00	0.00	0.00	
1,500.00	6.94	168.37	1,496.93	-56.41	11.61	-55.60	0.00	0.00	0.00	
1,600.00	6.94	168.37	1,596.20	-68.24	14.05	-67.26	0.00	0.00	0.00	
1,700.00	6.94	168.37	1,695.47	-80.07	16.48	-78.92	0.00	0.00	0.00	
1,800.00	6.94	168.37	1,794.74	-91.90	18.92	-90.58	0.00	0.00	0.00	
1,900.00	6.94	168.37	1,894.00	-103.73	21.35	-102.24	0.00	0.00	0.00	
2,000.00	6.94	168.37	1,993.27	-115.57	23.79	-113.90	0.00	0.00	0.00	
2,100.00	6.94	168.37	2,092.54	-127.40	26.22	-125.56	0.00	0.00	0.00	
2,200.00	6.94	168.37	2,191.81	-139.23	28.66	-137.23	0.00	0.00	0.00	
2,300.00	6.94	168.37	2,291.08	-151.06	31.09	-148.89	0.00	0.00	0.00	
2,400.00	6.94	168.37	2,390.34	-162.89	33.53	-160.55	0.00	0.00	0.00	
2,500.00	6.94	168.37	2,489.61	-174.72	35.96	-172.21	0.00	0.00	0.00	
2,600.00	6.94	168.37	2,588.88	-186.55	38.40	-183.87	0.00	0.00	0.00	
2,700.00	6.94	168.37	2,688.15	-198.39	40.84	-195.53	0.00	0.00	0.00	
2,800.00	6.94	168.37	2,787.41	-210.22	43.27	-207.19	0.00	0.00	0.00	
2,900.00	6.94	168.37	2,886.68	-222.05	45.71	-218.85	0.00	0.00	0.00	
3,000.00	6.94	168.37	2,985.95	-233.88	48.14	-230.52	0.00	0.00	0.00	
3,100.00	6.94	168.37	3,085.22	-245.71	50.58	-242.18	0.00	0.00	0.00	
3,148.14	6.94	168.37	3,133.01	-251.41	51.75	-247.79	0.00	0.00	0.00	
PARKMAN										
3,200.00	6.94	168.37	3,184.48	-257.54	53.01	-253.84	0.00	0.00	0.00	
3,300.00	6.94	168.37	3,283.75	-269.38	55.45	-265.50	0.00	0.00	0.00	
3,400.00	6.94	168.37	3,383.02	-281.21	57.88	-277.16	0.00	0.00	0.00	
3,500.00	6.94	168.37	3,482.29	-293.04	60.32	-288.82	0.00	0.00	0.00	
3,600.00	6.94	168.37	3,581.56	-304.87	62.75	-300.48	0.00	0.00	0.00	
3,700.00	6.94	168.37	3,680.82	-316.70	65.19	-312.15	0.00	0.00	0.00	
3,800.00	6.94	168.37	3,780.09	-328.53	67.62	-323.81	0.00	0.00	0.00	
3,900.00	6.94	168.37	3,879.36	-340.36	70.06	-335.47	0.00	0.00	0.00	
4,000.00	6.94	168.37	3,978.63	-352.20	72.50	-347.13	0.00	0.00	0.00	
4,100.00	6.94	168.37	4,077.89	-364.03	74.93	-358.79	0.00	0.00	0.00	
4,200.00	6.94	168.37	4,177.16	-375.86	77.37	-370.45	0.00	0.00	0.00	
4,300.00	6.94	168.37	4,276.43	-387.69	79.80	-382.11	0.00	0.00	0.00	
4,400.00	6.94	168.37	4,375.70	-399.52	82.24	-393.77	0.00	0.00	0.00	

Anadarko Petroleum Corp

Planning Report

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Company:	US ROCKIES REGION PLANNING	TVD Reference:	17' RKB + 4914' GL @ 4931.01ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	17' RKB + 4914' GL @ 4931.01ft (Original Well Elev)
Site:	WELD_WEISS PAD	North Reference:	True
Well:	WEISS 4N-33HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	WEISS 4N-33HZ		
Design:	WEISS 4N-33HZ (wp02)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,409.38	6.94	168.37	4,385.01	-400.63	82.47	-394.87	0.00	0.00	0.00
SUSSEX									
4,500.00	6.94	168.37	4,474.97	-411.35	84.67	-405.44	0.00	0.00	0.00
4,600.00	6.94	168.37	4,574.23	-423.19	87.11	-417.10	0.00	0.00	0.00
4,700.00	6.94	168.37	4,673.50	-435.02	89.54	-428.76	0.00	0.00	0.00
4,800.00	6.94	168.37	4,772.77	-446.85	91.98	-440.42	0.00	0.00	0.00
4,900.00	6.94	168.37	4,872.04	-458.68	94.41	-452.08	0.00	0.00	0.00
5,000.00	6.94	168.37	4,971.30	-470.51	96.85	-463.74	0.00	0.00	0.00
5,100.00	6.94	168.37	5,070.57	-482.34	99.29	-475.40	0.00	0.00	0.00
5,200.00	6.94	168.37	5,169.84	-494.17	101.72	-487.07	0.00	0.00	0.00
5,300.00	6.94	168.37	5,269.11	-506.01	104.16	-498.73	0.00	0.00	0.00
5,400.00	6.94	168.37	5,368.38	-517.84	106.59	-510.39	0.00	0.00	0.00
5,500.00	6.94	168.37	5,467.64	-529.67	109.03	-522.05	0.00	0.00	0.00
5,600.00	6.94	168.37	5,566.91	-541.50	111.46	-533.71	0.00	0.00	0.00
5,700.00	6.94	168.37	5,666.18	-553.33	113.90	-545.37	0.00	0.00	0.00
5,800.00	6.94	168.37	5,765.45	-565.16	116.33	-557.03	0.00	0.00	0.00
5,900.00	6.94	168.37	5,864.71	-577.00	118.77	-568.69	0.00	0.00	0.00
6,000.00	6.94	168.37	5,963.98	-588.83	121.20	-580.36	0.00	0.00	0.00
6,100.00	6.94	168.37	6,063.25	-600.66	123.64	-592.02	0.00	0.00	0.00
6,200.00	6.94	168.37	6,162.52	-612.49	126.07	-603.68	0.00	0.00	0.00
6,300.00	6.94	168.37	6,261.78	-624.32	128.51	-615.34	0.00	0.00	0.00
6,400.00	6.94	168.37	6,361.05	-636.15	130.95	-627.00	0.00	0.00	0.00
6,500.00	6.94	168.37	6,460.32	-647.98	133.38	-638.66	0.00	0.00	0.00
6,575.01	6.94	168.37	6,534.78	-656.86	135.21	-647.41	0.00	0.00	0.00
Start DLS 10.00 TFO -167.11									
6,600.00	4.54	161.31	6,559.64	-659.27	135.83	-649.78	10.00	-9.61	-28.26
6,700.00	5.94	16.19	6,659.47	-658.05	138.54	-648.39	10.00	1.40	-145.12
6,800.00	15.81	6.63	6,757.56	-639.51	141.57	-629.70	10.00	9.87	-9.56
6,900.00	25.78	4.37	6,850.93	-604.21	144.80	-594.27	10.00	9.97	-2.26
7,000.00	35.76	3.31	6,936.75	-553.23	148.15	-543.18	10.00	9.99	-1.05
7,100.00	45.75	2.67	7,012.40	-488.11	151.52	-477.98	10.00	9.99	-0.64
7,155.30	51.28	2.40	7,049.01	-446.74	153.35	-436.58	10.00	9.99	-0.48
Sharon Springs									
7,200.00	55.75	2.22	7,075.59	-410.84	154.79	-400.65	10.00	9.99	-0.42
7,291.89	64.93	1.89	7,121.01	-331.12	157.64	-320.91	10.00	10.00	-0.36
Niobrara									
7,300.00	65.74	1.86	7,124.40	-323.76	157.88	-313.54	10.00	10.00	-0.33
7,400.00	75.74	1.56	7,157.34	-229.51	160.69	-219.31	10.00	10.00	-0.30
7,500.00	85.74	1.28	7,173.42	-130.97	163.12	-120.80	10.00	10.00	-0.28
7,541.02	89.84	1.17	7,175.00	-90.00	164.00	-79.85	10.00	10.00	-0.27
Start DLS 1.00 TFO 90.00 - 7"									
7,541.94	89.84	1.18	7,175.00	-89.08	164.02	-78.93	1.00	0.03	1.00
Start 4194.02 hold at 7541.94 MD									
7,600.00	89.84	1.18	7,175.17	-31.04	165.21	-20.92	0.00	0.00	0.00
7,700.00	89.84	1.18	7,175.46	68.94	167.27	79.00	0.00	0.00	0.00
7,800.00	89.84	1.18	7,175.74	168.92	169.33	178.92	0.00	0.00	0.00
7,900.00	89.84	1.18	7,176.03	268.90	171.39	278.84	0.00	0.00	0.00
8,000.00	89.84	1.18	7,176.31	368.88	173.45	378.75	0.00	0.00	0.00
8,100.00	89.84	1.18	7,176.60	468.86	175.50	478.67	0.00	0.00	0.00
8,200.00	89.84	1.18	7,176.89	568.84	177.56	578.59	0.00	0.00	0.00
8,300.00	89.84	1.18	7,177.17	668.81	179.62	678.51	0.00	0.00	0.00

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Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	17' RKB + 4914' GL @ 4931.01ft (Original Well Elev)
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Well:	WEISS 4N-33HZ	Survey Calculation Method:	Minimum Curvature
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Design:	WEISS 4N-33HZ (wp02)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,400.00	89.84	1.18	7,177.46	768.79	181.68	778.43	0.00	0.00	0.00
8,500.00	89.84	1.18	7,177.75	868.77	183.73	878.35	0.00	0.00	0.00
8,600.00	89.84	1.18	7,178.03	968.75	185.79	978.26	0.00	0.00	0.00
8,700.00	89.84	1.18	7,178.32	1,068.73	187.85	1,078.18	0.00	0.00	0.00
8,800.00	89.84	1.18	7,178.61	1,168.71	189.91	1,178.10	0.00	0.00	0.00
8,900.00	89.84	1.18	7,178.89	1,268.68	191.97	1,278.02	0.00	0.00	0.00
9,000.00	89.84	1.18	7,179.18	1,368.66	194.02	1,377.94	0.00	0.00	0.00
9,100.00	89.84	1.18	7,179.47	1,468.64	196.08	1,477.85	0.00	0.00	0.00
9,200.00	89.84	1.18	7,179.75	1,568.62	198.14	1,577.77	0.00	0.00	0.00
9,300.00	89.84	1.18	7,180.04	1,668.60	200.20	1,677.69	0.00	0.00	0.00
9,400.00	89.84	1.18	7,180.32	1,768.58	202.26	1,777.61	0.00	0.00	0.00
9,500.00	89.84	1.18	7,180.61	1,868.55	204.31	1,877.53	0.00	0.00	0.00
9,600.00	89.84	1.18	7,180.90	1,968.53	206.37	1,977.45	0.00	0.00	0.00
9,700.00	89.84	1.18	7,181.18	2,068.51	208.43	2,077.36	0.00	0.00	0.00
9,800.00	89.84	1.18	7,181.47	2,168.49	210.49	2,177.28	0.00	0.00	0.00
9,900.00	89.84	1.18	7,181.76	2,268.47	212.55	2,277.20	0.00	0.00	0.00
10,000.00	89.84	1.18	7,182.04	2,368.45	214.60	2,377.12	0.00	0.00	0.00
10,100.00	89.84	1.18	7,182.33	2,468.43	216.66	2,477.04	0.00	0.00	0.00
10,200.00	89.84	1.18	7,182.62	2,568.40	218.72	2,576.96	0.00	0.00	0.00
10,300.00	89.84	1.18	7,182.90	2,668.38	220.78	2,676.87	0.00	0.00	0.00
10,400.00	89.84	1.18	7,183.19	2,768.36	222.84	2,776.79	0.00	0.00	0.00
10,500.00	89.84	1.18	7,183.47	2,868.34	224.89	2,876.71	0.00	0.00	0.00
10,600.00	89.84	1.18	7,183.76	2,968.32	226.95	2,976.63	0.00	0.00	0.00
10,700.00	89.84	1.18	7,184.05	3,068.30	229.01	3,076.55	0.00	0.00	0.00
10,800.00	89.84	1.18	7,184.33	3,168.27	231.07	3,176.46	0.00	0.00	0.00
10,900.00	89.84	1.18	7,184.62	3,268.25	233.12	3,276.38	0.00	0.00	0.00
11,000.00	89.84	1.18	7,184.91	3,368.23	235.18	3,376.30	0.00	0.00	0.00
11,100.00	89.84	1.18	7,185.19	3,468.21	237.24	3,476.22	0.00	0.00	0.00
11,200.00	89.84	1.18	7,185.48	3,568.19	239.30	3,576.14	0.00	0.00	0.00
11,300.00	89.84	1.18	7,185.77	3,668.17	241.36	3,676.06	0.00	0.00	0.00
11,400.00	89.84	1.18	7,186.05	3,768.14	243.41	3,775.97	0.00	0.00	0.00
11,500.00	89.84	1.18	7,186.34	3,868.12	245.47	3,875.89	0.00	0.00	0.00
11,600.00	89.84	1.18	7,186.63	3,968.10	247.53	3,975.81	0.00	0.00	0.00
11,700.00	89.84	1.18	7,186.91	4,068.08	249.59	4,075.73	0.00	0.00	0.00
11,735.97	89.84	1.18	7,187.01	4,104.04	250.33	4,111.66	0.00	0.00	0.00
TD at 11735.96 - WEISS 4N-33HZ BHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
WEISS 4N-33HZ BHL	0.00	0.00	7,187.01	4,104.04	250.33	1,311,917.44	3,198,711.17	40.187422	-104.788744
- plan hits target center									
- Point									

Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well WEISS 4N-33HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	17' RKB + 4914' GL @ 4931.01ft (Original Well Elev)
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	17' RKB + 4914' GL @ 4931.01ft (Original Well Elev)
Site:	WELD_WEISS PAD	North Reference:	True
Well:	WEISS 4N-33HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	WEISS 4N-33HZ		
Design:	WEISS 4N-33HZ (wp02)		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
700.00	700.00	9 5/8"	9-5/8	12-1/4	
7,541.02	7,175.00	7"	7	8-3/4	

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,148.14	3,133.01	PARKMAN		0.00	
4,409.38	4,385.01	SUSSEX		0.00	
7,155.30	7,049.01	Sharon Springs		0.00	
7,291.89	7,121.01	Niobrara		0.00	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
850.00	850.00	0.00	0.00	Start Build 2.00	
1,196.90	1,196.06	-20.55	4.23	Start 5378.11 hold at 1196.90 MD	
6,575.01	6,534.78	-656.86	135.21	Start DLS 10.00 TFO -167.11	
7,541.02	7,175.00	-90.00	164.00	Start DLS 1.00 TFO 90.00	
7,541.94	7,175.00	-89.08	164.02	Start 4194.02 hold at 7541.94 MD	
11,735.97	7,187.01	4,104.04	250.33	TD at 11735.96	