

US ROCKIES REGION PLANNING

COLORADO NORTHERN ZONE - 83

WELD_DECHANT 36-36HZ pad

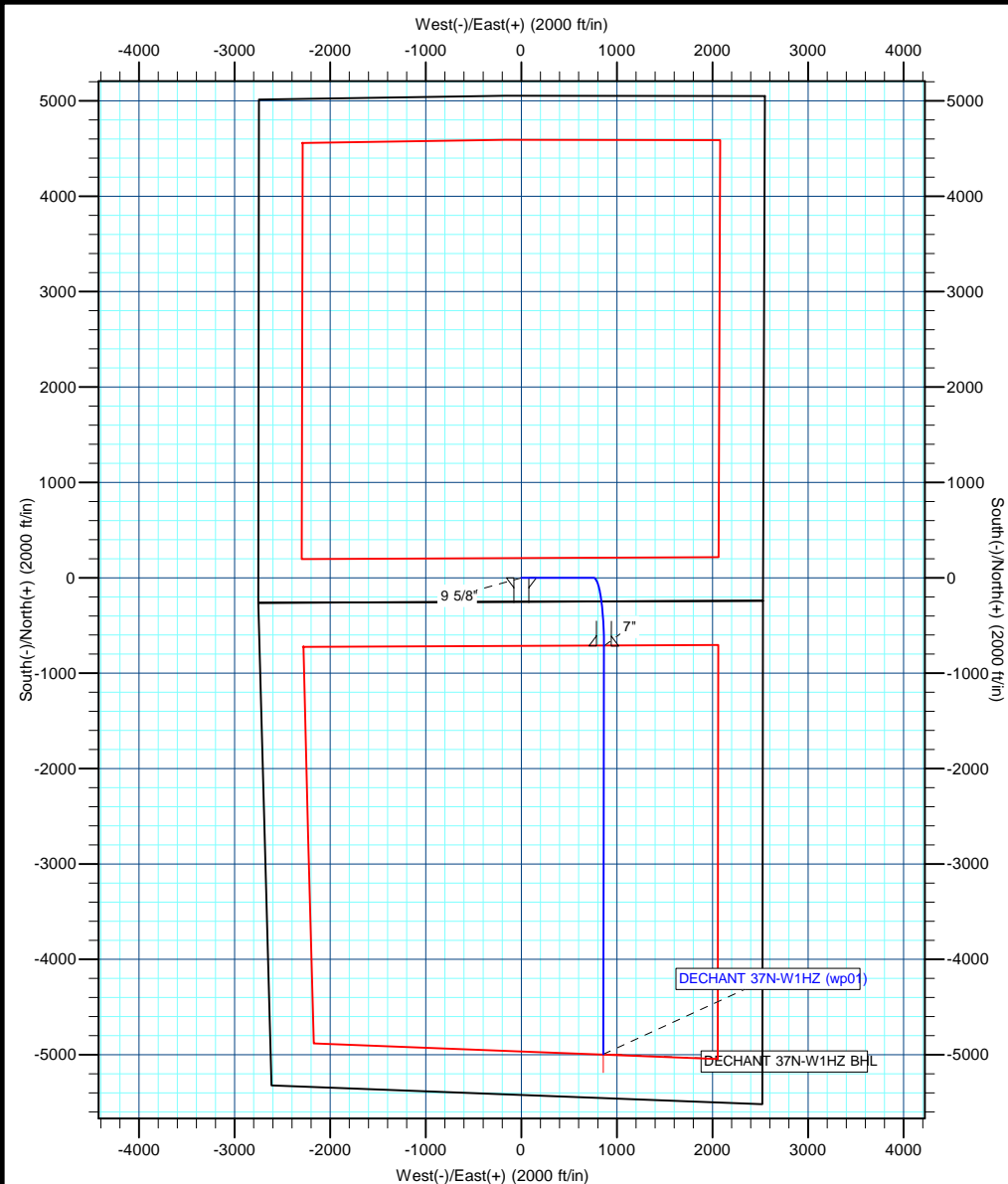
DECHANT 37N-W1HZ

DECHANT 37N-W1HZ

Plan: DECHANT 37N-W1HZ (wp01)

Standard Planning Report

26 March, 2012



Azimuths to True North
Magnetic North: 8.66°
Magnetic Field
Strength: 52947.3snT
Dip Angle: 66.87°
Date: 3/26/2012
Model: IGRF2010



Project: COLORADO NORTHERN ZONE - 83
Site: WELD DECHANT 36-36HZ pad
Well: DECHANT 37N-W1HZ
Wellbore: DECHANT 37N-W1HZ
Section:
SHL:
Design: DECHANT 37N-W1HZ (wp01)
Latitude: 40.175013
Longitude: -104.611935
GL: 4827.00
KB: GL + RKB @ 4844.00ft

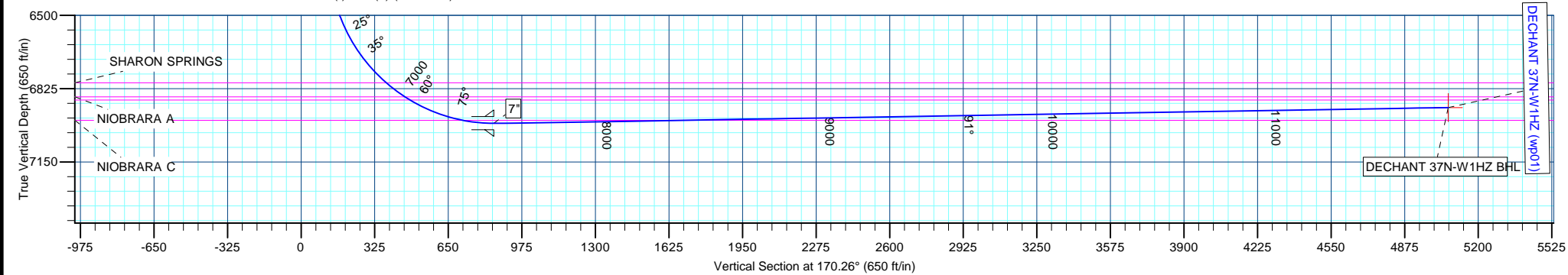
WELL DETAILS: DECHANT 37N-W1HZ						
+N/-S	+E/-W	Northing	Ground Level: Easting	4827.00 Latitude	Longitude	Slot
0.00	0.00	1307842.74	3248151.97	40.175013	-104.611935	

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
1200.00	0.00	0.00	1200.00	0.00	0.00	0.00	0.00	0.00
1642.35	8.85	89.90	1640.60	0.06	34.08	2.00	89.90	5.71
6328.49	8.85	89.90	6270.98	1.35	754.80	0.00	0.00	126.35
7453.84	90.00	180.08	6979.00	-715.00	864.00	8.00	90.18	850.85
7548.61	90.95	180.09	6978.22	-809.77	863.86	1.00	0.67	944.23
1733.71	90.95	180.09	6909.00	-4994.29	857.20	0.00	0.00	5067.32

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
DECHANT 37N-W1HZ BHL	6909.00	-4994.29	857.20	40.161303	-104.608868	Point

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
3926.00	3955.27	PARKMAN
4474.00	4509.87	SUSSEX
6799.00	6931.52	SHARON SPRINGS
6862.00	7036.10	NIOBRARA A
6876.00	7062.58	NIOBRARA B
6966.00	7316.34	NIOBRARA C

CASING DETAILS			
TVD	MD	Name	Size
550.00	550.00	9 5/8"	9-5/8
6979.00	7453.84	7"	7



Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well DECHANT 37N-W1HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL + RKB @ 4844.00ft
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL + RKB @ 4844.00ft
Site:	WELD_DECHANT 36-36HZ pad	North Reference:	True
Well:	DECHANT 37N-W1HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	DECHANT 37N-W1HZ		
Design:	DECHANT 37N-W1HZ (wp01)		

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_DECHANT 36-36HZ pad			
Site Position:		Northing:	1,307,842.75 usft	Latitude: 40.175013
From:	Lat/Long	Easting:	3,248,151.97 usft	Longitude: -104.611935
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence: 0.57 °

Well	DECHANT 37N-W1HZ			
Well Position	+N/-S	0.00 ft	Northing:	1,307,842.74 usft
	+E/-W	0.00 ft	Easting:	3,248,151.97 usft
Position Uncertainty		0.00 ft	Wellhead Elevation:	Ground Level: 4,827.00 ft

Wellbore	DECHANT 37N-W1HZ				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/26/2012	8.66	66.87	52,947

Design	DECHANT 37N-W1HZ (wp01)			
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	170.26

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	
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,642.35	8.85	89.90	1,640.60	0.06	34.08	2.00	2.00	0.00	89.90	
6,328.49	8.85	89.90	6,270.98	1.35	754.80	0.00	0.00	0.00	0.00	
7,453.84	90.00	180.08	6,979.00	-715.00	864.00	8.00	7.21	8.01	90.18	
7,548.61	90.95	180.09	6,978.22	-809.77	863.86	1.00	1.00	0.01	0.67	
11,733.71	90.95	180.09	6,909.00	-4,994.29	857.20	0.00	0.00	0.00	0.00	DECHANT 37N-W1H.

Anadarko Petroleum Corp

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Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL + RKB @ 4844.00ft
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL + RKB @ 4844.00ft
Site:	WELD_DECHANT 36-36HZ pad	North Reference:	True
Well:	DECHANT 37N-W1HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	DECHANT 37N-W1HZ		
Design:	DECHANT 37N-W1HZ (wp01)		

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
550.00	0.00	0.00	550.00	0.00	0.00	0.00	0.00	0.00	0.00
9 5/8"									
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
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build 2.00									
1,300.00	2.00	89.90	1,299.98	0.00	1.75	0.29	2.00	2.00	0.00
1,400.00	4.00	89.90	1,399.84	0.01	6.98	1.17	2.00	2.00	0.00
1,500.00	6.00	89.90	1,499.45	0.03	15.69	2.63	2.00	2.00	0.00
1,600.00	8.00	89.90	1,598.70	0.05	27.88	4.67	2.00	2.00	0.00
1,642.35	8.85	89.90	1,640.60	0.06	34.08	5.71	2.00	2.00	0.00
Start 4686.13 hold at 1642.35 MD									
1,700.00	8.85	89.90	1,697.56	0.08	42.95	7.19	0.00	0.00	0.00
1,800.00	8.85	89.90	1,796.37	0.10	58.33	9.76	0.00	0.00	0.00
1,900.00	8.85	89.90	1,895.18	0.13	73.71	12.34	0.00	0.00	0.00
2,000.00	8.85	89.90	1,993.99	0.16	89.09	14.91	0.00	0.00	0.00
2,100.00	8.85	89.90	2,092.80	0.19	104.47	17.49	0.00	0.00	0.00
2,200.00	8.85	89.90	2,191.61	0.21	119.85	20.06	0.00	0.00	0.00
2,300.00	8.85	89.90	2,290.42	0.24	135.23	22.64	0.00	0.00	0.00
2,400.00	8.85	89.90	2,389.23	0.27	150.61	25.21	0.00	0.00	0.00
2,500.00	8.85	89.90	2,488.04	0.30	165.99	27.79	0.00	0.00	0.00
2,600.00	8.85	89.90	2,586.85	0.32	181.37	30.36	0.00	0.00	0.00
2,700.00	8.85	89.90	2,685.66	0.35	196.75	32.94	0.00	0.00	0.00
2,800.00	8.85	89.90	2,784.47	0.38	212.13	35.51	0.00	0.00	0.00
2,900.00	8.85	89.90	2,883.28	0.41	227.51	38.08	0.00	0.00	0.00
3,000.00	8.85	89.90	2,982.09	0.43	242.89	40.66	0.00	0.00	0.00
3,100.00	8.85	89.90	3,080.90	0.46	258.27	43.23	0.00	0.00	0.00
3,200.00	8.85	89.90	3,179.71	0.49	273.65	45.81	0.00	0.00	0.00
3,300.00	8.85	89.90	3,278.52	0.52	289.03	48.38	0.00	0.00	0.00
3,400.00	8.85	89.90	3,377.33	0.54	304.40	50.96	0.00	0.00	0.00
3,500.00	8.85	89.90	3,476.14	0.57	319.78	53.53	0.00	0.00	0.00
3,600.00	8.85	89.90	3,574.95	0.60	335.16	56.11	0.00	0.00	0.00
3,700.00	8.85	89.90	3,673.76	0.63	350.54	58.68	0.00	0.00	0.00
3,800.00	8.85	89.90	3,772.57	0.65	365.92	61.26	0.00	0.00	0.00
3,900.00	8.85	89.90	3,871.38	0.68	381.30	63.83	0.00	0.00	0.00
3,955.27	8.85	89.90	3,926.00	0.70	389.80	65.25	0.00	0.00	0.00
PARKMAN									
4,000.00	8.85	89.90	3,970.19	0.71	396.68	66.41	0.00	0.00	0.00
4,100.00	8.85	89.90	4,069.00	0.74	412.06	68.98	0.00	0.00	0.00
4,200.00	8.85	89.90	4,167.81	0.76	427.44	71.55	0.00	0.00	0.00
4,300.00	8.85	89.90	4,266.62	0.79	442.82	74.13	0.00	0.00	0.00
4,400.00	8.85	89.90	4,365.44	0.82	458.20	76.70	0.00	0.00	0.00
4,500.00	8.85	89.90	4,464.25	0.85	473.58	79.28	0.00	0.00	0.00
4,509.87	8.85	89.90	4,474.00	0.85	475.10	79.53	0.00	0.00	0.00

Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well DECHANT 37N-W1HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL + RKB @ 4844.00ft
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL + RKB @ 4844.00ft
Site:	WELD_DECHANT 36-36HZ pad	North Reference:	True
Well:	DECHANT 37N-W1HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	DECHANT 37N-W1HZ		
Design:	DECHANT 37N-W1HZ (wp01)		

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)
SUSSEX									
4,600.00	8.85	89.90	4,563.06	0.87	488.96	81.85	0.00	0.00	0.00
4,700.00	8.85	89.90	4,661.87	0.90	504.34	84.43	0.00	0.00	0.00
4,800.00	8.85	89.90	4,760.68	0.93	519.72	87.00	0.00	0.00	0.00
4,900.00	8.85	89.90	4,859.49	0.96	535.10	89.58	0.00	0.00	0.00
5,000.00	8.85	89.90	4,958.30	0.98	550.48	92.15	0.00	0.00	0.00
5,100.00	8.85	89.90	5,057.11	1.01	565.86	94.73	0.00	0.00	0.00
5,200.00	8.85	89.90	5,155.92	1.04	581.24	97.30	0.00	0.00	0.00
5,300.00	8.85	89.90	5,254.73	1.07	596.62	99.87	0.00	0.00	0.00
5,400.00	8.85	89.90	5,353.54	1.09	612.00	102.45	0.00	0.00	0.00
5,500.00	8.85	89.90	5,452.35	1.12	627.38	105.02	0.00	0.00	0.00
5,600.00	8.85	89.90	5,551.16	1.15	642.76	107.60	0.00	0.00	0.00
5,700.00	8.85	89.90	5,649.97	1.18	658.14	110.17	0.00	0.00	0.00
5,800.00	8.85	89.90	5,748.78	1.20	673.52	112.75	0.00	0.00	0.00
5,900.00	8.85	89.90	5,847.59	1.23	688.90	115.32	0.00	0.00	0.00
6,000.00	8.85	89.90	5,946.40	1.26	704.28	117.90	0.00	0.00	0.00
6,100.00	8.85	89.90	6,045.21	1.29	719.66	120.47	0.00	0.00	0.00
6,200.00	8.85	89.90	6,144.02	1.31	735.04	123.05	0.00	0.00	0.00
6,300.00	8.85	89.90	6,242.83	1.34	750.42	125.62	0.00	0.00	0.00
6,328.49	8.85	89.90	6,270.98	1.35	754.80	126.35	0.00	0.00	0.00
Start DLS 8.00 TFO 90.18									
6,400.00	10.51	123.03	6,341.52	-2.20	765.77	131.71	8.00	2.32	46.33
6,500.00	16.26	147.82	6,438.84	-19.04	780.90	150.87	8.00	5.75	24.79
6,600.00	23.35	158.94	6,532.90	-49.43	795.50	183.29	8.00	7.09	11.12
6,700.00	30.87	164.99	6,621.87	-92.77	809.28	228.33	8.00	7.52	6.04
6,800.00	38.57	168.82	6,704.02	-148.22	821.99	285.13	8.00	7.70	3.84
6,900.00	46.35	171.54	6,777.74	-214.69	833.37	352.57	8.00	7.79	2.72
6,931.52	48.82	172.25	6,799.00	-237.73	836.65	375.83	8.00	7.82	2.26
SHARON SPRINGS									
7,000.00	54.19	173.63	6,841.61	-290.90	843.21	429.35	8.00	7.84	2.01
7,036.10	57.03	174.29	6,862.00	-320.53	846.34	459.08	8.00	7.86	1.81
NIOBRARA A									
7,062.58	59.11	174.74	6,876.00	-342.89	848.49	481.48	8.00	7.87	1.71
NIOBRARA B									
7,100.00	62.06	175.34	6,894.38	-375.36	851.30	513.96	8.00	7.87	1.62
7,200.00	69.94	176.82	6,935.02	-466.43	857.50	604.77	8.00	7.89	1.48
7,300.00	77.84	178.16	6,962.74	-562.34	861.68	700.00	8.00	7.90	1.34
7,316.34	79.13	178.37	6,966.00	-578.34	862.17	715.85	8.00	7.90	1.28
NIOBRARA C									
7,400.00	85.74	179.42	6,977.00	-661.21	863.76	797.80	8.00	7.90	1.25
7,453.84	90.00	180.08	6,979.00	-715.00	864.00	850.85	8.00	7.90	1.23
Start DLS 1.00 TFO 0.67 - 7"									
7,500.00	90.46	180.09	6,978.81	-761.16	863.93	896.34	1.00	1.00	0.01
7,548.61	90.95	180.09	6,978.22	-809.77	863.86	944.23	1.00	1.00	0.01
Start 4185.10 hold at 7548.61 MD									
7,600.00	90.95	180.09	6,977.37	-861.15	863.78	994.86	0.00	0.00	0.00
7,700.00	90.95	180.09	6,975.71	-961.14	863.62	1,093.38	0.00	0.00	0.00
7,800.00	90.95	180.09	6,974.06	-1,061.12	863.46	1,191.90	0.00	0.00	0.00
7,900.00	90.95	180.09	6,972.40	-1,161.11	863.30	1,290.41	0.00	0.00	0.00
8,000.00	90.95	180.09	6,970.75	-1,261.10	863.14	1,388.93	0.00	0.00	0.00
8,100.00	90.95	180.09	6,969.10	-1,361.08	862.98	1,487.45	0.00	0.00	0.00
8,200.00	90.95	180.09	6,967.44	-1,461.07	862.82	1,585.97	0.00	0.00	0.00
8,300.00	90.95	180.09	6,965.79	-1,561.05	862.66	1,684.49	0.00	0.00	0.00

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Wellbore:	DECHANT 37N-W1HZ		
Design:	DECHANT 37N-W1HZ (wp01)		

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	90.95	180.09	6,964.14	-1,661.04	862.50	1,783.00	0.00	0.00	0.00
8,500.00	90.95	180.09	6,962.48	-1,761.03	862.34	1,881.52	0.00	0.00	0.00
8,600.00	90.95	180.09	6,960.83	-1,861.01	862.19	1,980.04	0.00	0.00	0.00
8,700.00	90.95	180.09	6,959.17	-1,961.00	862.03	2,078.56	0.00	0.00	0.00
8,800.00	90.95	180.09	6,957.52	-2,060.98	861.87	2,177.08	0.00	0.00	0.00
8,900.00	90.95	180.09	6,955.87	-2,160.97	861.71	2,275.60	0.00	0.00	0.00
9,000.00	90.95	180.09	6,954.21	-2,260.96	861.55	2,374.11	0.00	0.00	0.00
9,100.00	90.95	180.09	6,952.56	-2,360.94	861.39	2,472.63	0.00	0.00	0.00
9,200.00	90.95	180.09	6,950.90	-2,460.93	861.23	2,571.15	0.00	0.00	0.00
9,300.00	90.95	180.09	6,949.25	-2,560.92	861.07	2,669.67	0.00	0.00	0.00
9,400.00	90.95	180.09	6,947.60	-2,660.90	860.91	2,768.19	0.00	0.00	0.00
9,500.00	90.95	180.09	6,945.94	-2,760.89	860.75	2,866.71	0.00	0.00	0.00
9,600.00	90.95	180.09	6,944.29	-2,860.87	860.59	2,965.22	0.00	0.00	0.00
9,700.00	90.95	180.09	6,942.64	-2,960.86	860.44	3,063.74	0.00	0.00	0.00
9,800.00	90.95	180.09	6,940.98	-3,060.85	860.28	3,162.26	0.00	0.00	0.00
9,900.00	90.95	180.09	6,939.33	-3,160.83	860.12	3,260.78	0.00	0.00	0.00
10,000.00	90.95	180.09	6,937.67	-3,260.82	859.96	3,359.30	0.00	0.00	0.00
10,100.00	90.95	180.09	6,936.02	-3,360.81	859.80	3,457.82	0.00	0.00	0.00
10,200.00	90.95	180.09	6,934.37	-3,460.79	859.64	3,556.33	0.00	0.00	0.00
10,300.00	90.95	180.09	6,932.71	-3,560.78	859.48	3,654.85	0.00	0.00	0.00
10,400.00	90.95	180.09	6,931.06	-3,660.76	859.32	3,753.37	0.00	0.00	0.00
10,500.00	90.95	180.09	6,929.40	-3,760.75	859.16	3,851.89	0.00	0.00	0.00
10,600.00	90.95	180.09	6,927.75	-3,860.74	859.00	3,950.41	0.00	0.00	0.00
10,700.00	90.95	180.09	6,926.10	-3,960.72	858.84	4,048.93	0.00	0.00	0.00
10,800.00	90.95	180.09	6,924.44	-4,060.71	858.69	4,147.44	0.00	0.00	0.00
10,900.00	90.95	180.09	6,922.79	-4,160.70	858.53	4,245.96	0.00	0.00	0.00
11,000.00	90.95	180.09	6,921.13	-4,260.68	858.37	4,344.48	0.00	0.00	0.00
11,100.00	90.95	180.09	6,919.48	-4,360.67	858.21	4,443.00	0.00	0.00	0.00
11,200.00	90.95	180.09	6,917.83	-4,460.65	858.05	4,541.52	0.00	0.00	0.00
11,300.00	90.95	180.09	6,916.17	-4,560.64	857.89	4,640.04	0.00	0.00	0.00
11,400.00	90.95	180.09	6,914.52	-4,660.63	857.73	4,738.55	0.00	0.00	0.00
11,500.00	90.95	180.09	6,912.87	-4,760.61	857.57	4,837.07	0.00	0.00	0.00
11,600.00	90.95	180.09	6,911.21	-4,860.60	857.41	4,935.59	0.00	0.00	0.00
11,700.00	90.95	180.09	6,909.56	-4,960.58	857.25	5,034.11	0.00	0.00	0.00
11,733.71	90.95	180.09	6,909.00	-4,994.29	857.20	5,067.32	0.00	0.00	0.00
TD at 11733.71 - DECHANT 37N-W1HZ BHL									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (usft)	Easting (usft)	Latitude	Longitude
DECHANT 37N-W1HZ E	0.00	0.00	6,909.00	-4,994.29	857.20	1,302,857.30	3,249,059.15	40.161303	-104.608868
- hit/miss target									
- Shape									
- plan hits target center									
- Point									

Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well DECHANT 37N-W1HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	GL + RKB @ 4844.00ft
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	GL + RKB @ 4844.00ft
Site:	WELD_DECHANT 36-36HZ pad	North Reference:	True
Well:	DECHANT 37N-W1HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	DECHANT 37N-W1HZ		
Design:	DECHANT 37N-W1HZ (wp01)		

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
550.00	550.00	9 5/8"	9-5/8	12-1/4	
7,453.84	6,979.00	7"	7	8-3/4	

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,955.27	3,926.00	PARKMAN		0.00	
4,509.87	4,474.00	SUSSEX		0.00	
6,931.52	6,799.00	SHARON SPRINGS		0.00	
7,036.10	6,862.00	NIOBRARA A		0.00	
7,062.58	6,876.00	NIOBRARA B		0.00	
7,316.34	6,966.00	NIOBRARA C		0.00	

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
1,200.00	1,200.00	0.00	0.00	Start Build 2.00	
1,642.35	1,640.60	0.06	34.08	Start 4686.13 hold at 1642.35 MD	
6,328.49	6,270.98	1.35	754.80	Start DLS 8.00 TFO 90.18	
7,453.84	6,979.00	-715.00	864.00	Start DLS 1.00 TFO 0.67	
7,548.61	6,978.22	-809.77	863.86	Start 4185.10 hold at 7548.61 MD	
11,733.71	6,909.00	-4,994.29	857.20	TD at 11733.71	