

US ROCKIES REGION PLANNING

COLORADO NORTHERN ZONE - 83

WELD_NORTON 5 PAD

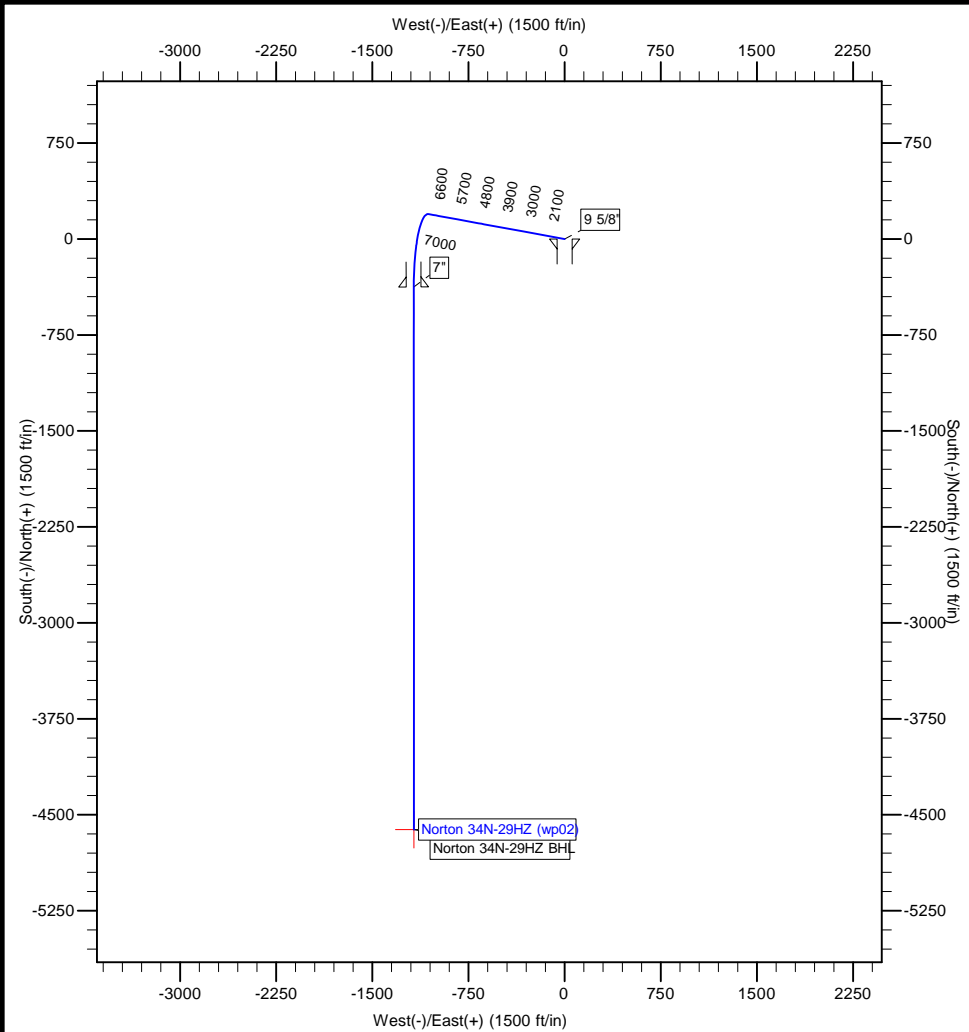
Norton 34N-29HZ

Norton 34N-29HZ

Plan: Norton 34N-29HZ (wp02)

Standard Planning Report

07 December, 2011



Project: COLORADO NORTHERN ZONE - 83
Site: WELD, NORTON 5 PAD
Well: Norton 34N-29HZ
Wellbore: Norton 34N-29HZ
Section:
SHL:
Design: Norton 34N-29HZ (wp02)
Latitude: 40.202337
Longitude: -104.805962
GL: 4896.00
KB: gl + rkb @ 4913.00ft

WELL DETAILS: Norton 34N-29HZ

+N/-S	+E/-W	Northing	Ground Level: Easting	4896.00 Latitude 40.202337	Longitude -104.805962	Slot
0.00	0.00	1317312.42	3193858.37			

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
1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00
1575.38	11.51	280.39	1571.52	10.39	-56.64	2.00	280.39	3.91
6695.59	11.51	280.39	6588.81	194.60	-1061.36	0.00	0.00	73.31
7613.23	89.69	179.97	7171.00	-375.00	-1177.00	10.00	-100.28	653.84
7618.73	89.64	179.98	7171.03	-380.50	-1177.00	1.00	172.22	659.17
11854.11	89.64	179.98	7198.00	-4615.80	-1175.33	0.00	0.00	4763.09

WELLBORE TARGET DETAILS (MAP CO-ORDINATES AND LAT/LONG)

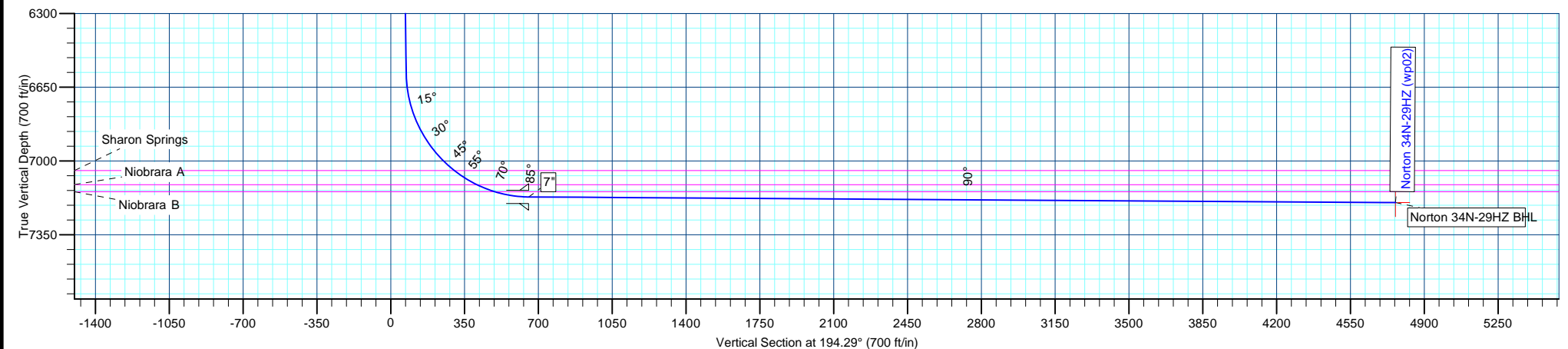
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
Norton 34N-29HZ BHL	7198.00	-4615.80	-1175.33	40.189666	-104.810169	Point

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3398.00	3439.33	Parkman
4324.00	4384.33	Sussex
7046.00	7226.71	Sharon Springs
7113.00	7353.73	Niobrara A
7146.00	7444.80	Niobrara B

CASING DETAILS

TVD	MD	Name	Size
900.00	900.00	9 5/8"	9-5/8
7171.00	7613.23	7"	7



Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well Norton 34N-29HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	gl + rkb @ 4913.00ft
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	gl + rkb @ 4913.00ft
Site:	WELD_NORTON 5 PAD	North Reference:	True
Well:	Norton 34N-29HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Norton 34N-29HZ		
Design:	Norton 34N-29HZ (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_NORTON 5 PAD			
Site Position:		Northing:	1,317,192.24 usft	Latitude: 40.202007
From:	Lat/Long	Easting:	3,193,861.27 usft	Longitude: -104.805955
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence: 0.45 °

Well	Norton 34N-29HZ			
Well Position	+N/-S	120.20 ft	Northing:	1,317,312.42 usft
	+E/-W	-1.96 ft	Easting:	3,193,858.37 usft
Position Uncertainty		0.00 ft	Wellhead Elevation:	Latitude: 40.202337
				Longitude: -104.805962
				Ground Level: 4,896.00 ft

Wellbore	Norton 34N-29HZ				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/5/2011	8.81	66.87	52,972

Design	Norton 34N-29HZ (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	194.29

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	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,575.38	11.51	280.39	1,571.52	10.39	-56.64	2.00	2.00	0.00	280.39	
6,695.59	11.51	280.39	6,588.81	194.60	-1,061.36	0.00	0.00	0.00	0.00	
7,613.23	89.69	179.97	7,171.00	-375.00	-1,177.00	10.00	8.52	-10.94	-100.28	
7,618.73	89.64	179.98	7,171.03	-380.50	-1,177.00	1.00	-0.99	0.14	172.22	
11,854.11	89.64	179.98	7,198.00	-4,615.80	-1,175.33	0.00	0.00	0.00	0.00	Norton 34N-29HZ BH

Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well Norton 34N-29HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	gl + rkb @ 4913.00ft
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	gl + rkb @ 4913.00ft
Site:	WELD_NORTON 5 PAD	North Reference:	True
Well:	Norton 34N-29HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Norton 34N-29HZ		
Design:	Norton 34N-29HZ (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
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
9 5/8"									
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	2.00	280.39	1,099.98	0.31	-1.72	0.12	2.00	2.00	0.00
1,200.00	4.00	280.39	1,199.84	1.26	-6.86	0.47	2.00	2.00	0.00
1,300.00	6.00	280.39	1,299.45	2.83	-15.44	1.07	2.00	2.00	0.00
1,400.00	8.00	280.39	1,398.70	5.03	-27.42	1.89	2.00	2.00	0.00
1,500.00	10.00	280.39	1,497.47	7.85	-42.81	2.96	2.00	2.00	0.00
1,575.38	11.51	280.39	1,571.52	10.39	-56.64	3.91	2.00	2.00	0.00
1,600.00	11.51	280.39	1,595.64	11.27	-61.47	4.25	0.00	0.00	0.00
1,700.00	11.51	280.39	1,693.63	14.87	-81.10	5.60	0.00	0.00	0.00
1,800.00	11.51	280.39	1,791.62	18.47	-100.72	6.96	0.00	0.00	0.00
1,900.00	11.51	280.39	1,889.61	22.06	-120.34	8.31	0.00	0.00	0.00
2,000.00	11.51	280.39	1,987.60	25.66	-139.96	9.67	0.00	0.00	0.00
2,100.00	11.51	280.39	2,085.59	29.26	-159.59	11.02	0.00	0.00	0.00
2,200.00	11.51	280.39	2,183.58	32.86	-179.21	12.38	0.00	0.00	0.00
2,300.00	11.51	280.39	2,281.57	36.46	-198.83	13.73	0.00	0.00	0.00
2,400.00	11.51	280.39	2,379.56	40.05	-218.46	15.09	0.00	0.00	0.00
2,500.00	11.51	280.39	2,477.55	43.65	-238.08	16.45	0.00	0.00	0.00
2,600.00	11.51	280.39	2,575.54	47.25	-257.70	17.80	0.00	0.00	0.00
2,700.00	11.51	280.39	2,673.53	50.85	-277.32	19.16	0.00	0.00	0.00
2,800.00	11.51	280.39	2,771.52	54.45	-296.95	20.51	0.00	0.00	0.00
2,900.00	11.51	280.39	2,869.51	58.04	-316.57	21.87	0.00	0.00	0.00
3,000.00	11.51	280.39	2,967.50	61.64	-336.19	23.22	0.00	0.00	0.00
3,100.00	11.51	280.39	3,065.49	65.24	-355.81	24.58	0.00	0.00	0.00
3,200.00	11.51	280.39	3,163.48	68.84	-375.44	25.93	0.00	0.00	0.00
3,300.00	11.51	280.39	3,261.47	72.43	-395.06	27.29	0.00	0.00	0.00
3,400.00	11.51	280.39	3,359.46	76.03	-414.68	28.64	0.00	0.00	0.00
3,439.33	11.51	280.39	3,398.00	77.45	-422.40	29.18	0.00	0.00	0.00
Parkman									
3,500.00	11.51	280.39	3,457.45	79.63	-434.30	30.00	0.00	0.00	0.00
3,600.00	11.51	280.39	3,555.44	83.23	-453.93	31.36	0.00	0.00	0.00
3,700.00	11.51	280.39	3,653.43	86.83	-473.55	32.71	0.00	0.00	0.00
3,800.00	11.51	280.39	3,751.42	90.42	-493.17	34.07	0.00	0.00	0.00
3,900.00	11.51	280.39	3,849.41	94.02	-512.80	35.42	0.00	0.00	0.00
4,000.00	11.51	280.39	3,947.40	97.62	-532.42	36.78	0.00	0.00	0.00
4,100.00	11.51	280.39	4,045.39	101.22	-552.04	38.13	0.00	0.00	0.00
4,200.00	11.51	280.39	4,143.38	104.82	-571.66	39.49	0.00	0.00	0.00
4,300.00	11.51	280.39	4,241.37	108.41	-591.29	40.84	0.00	0.00	0.00
4,384.33	11.51	280.39	4,324.00	111.45	-607.83	41.99	0.00	0.00	0.00
Sussex									
4,400.00	11.51	280.39	4,339.36	112.01	-610.91	42.20	0.00	0.00	0.00
4,500.00	11.51	280.39	4,437.35	115.61	-630.53	43.55	0.00	0.00	0.00
4,600.00	11.51	280.39	4,535.34	119.21	-650.15	44.91	0.00	0.00	0.00

Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well Norton 34N-29HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	gl + rkb @ 4913.00ft
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	gl + rkb @ 4913.00ft
Site:	WELD_NORTON 5 PAD	North Reference:	True
Well:	Norton 34N-29HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Norton 34N-29HZ		
Design:	Norton 34N-29HZ (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)
4,700.00	11.51	280.39	4,633.33	122.80	-669.78	46.27	0.00	0.00	0.00
4,800.00	11.51	280.39	4,731.32	126.40	-689.40	47.62	0.00	0.00	0.00
4,900.00	11.51	280.39	4,829.31	130.00	-709.02	48.98	0.00	0.00	0.00
5,000.00	11.51	280.39	4,927.30	133.60	-728.64	50.33	0.00	0.00	0.00
5,100.00	11.51	280.39	5,025.29	137.20	-748.27	51.69	0.00	0.00	0.00
5,200.00	11.51	280.39	5,123.28	140.79	-767.89	53.04	0.00	0.00	0.00
5,300.00	11.51	280.39	5,221.27	144.39	-787.51	54.40	0.00	0.00	0.00
5,400.00	11.51	280.39	5,319.26	147.99	-807.14	55.75	0.00	0.00	0.00
5,500.00	11.51	280.39	5,417.25	151.59	-826.76	57.11	0.00	0.00	0.00
5,600.00	11.51	280.39	5,515.24	155.19	-846.38	58.46	0.00	0.00	0.00
5,700.00	11.51	280.39	5,613.23	158.78	-866.00	59.82	0.00	0.00	0.00
5,800.00	11.51	280.39	5,711.22	162.38	-885.63	61.18	0.00	0.00	0.00
5,900.00	11.51	280.39	5,809.21	165.98	-905.25	62.53	0.00	0.00	0.00
6,000.00	11.51	280.39	5,907.20	169.58	-924.87	63.89	0.00	0.00	0.00
6,100.00	11.51	280.39	6,005.19	173.17	-944.49	65.24	0.00	0.00	0.00
6,200.00	11.51	280.39	6,103.18	176.77	-964.12	66.60	0.00	0.00	0.00
6,300.00	11.51	280.39	6,201.17	180.37	-983.74	67.95	0.00	0.00	0.00
6,400.00	11.51	280.39	6,299.16	183.97	-1,003.36	69.31	0.00	0.00	0.00
6,500.00	11.51	280.39	6,397.15	187.57	-1,022.98	70.66	0.00	0.00	0.00
6,600.00	11.51	280.39	6,495.14	191.16	-1,042.61	72.02	0.00	0.00	0.00
6,695.59	11.51	280.39	6,588.81	194.60	-1,061.36	73.31	0.00	0.00	0.00
6,700.00	11.44	278.20	6,593.13	194.74	-1,062.23	73.39	10.00	-1.60	-49.63
6,800.00	14.04	233.09	6,690.89	188.86	-1,081.79	83.92	10.00	2.60	-45.12
6,900.00	21.47	210.51	6,786.17	165.75	-1,100.83	111.01	10.00	7.43	-22.58
7,000.00	30.36	199.89	6,876.07	126.12	-1,118.76	153.85	10.00	8.89	-10.62
7,100.00	39.75	193.84	6,957.86	71.17	-1,135.05	211.11	10.00	9.39	-6.05
7,200.00	49.34	189.81	7,029.06	2.58	-1,149.19	281.08	10.00	9.60	-4.03
7,226.71	51.93	188.93	7,046.00	-17.79	-1,152.55	301.64	10.00	9.67	-3.29
Sharon Springs									
7,300.00	59.05	186.80	7,087.51	-77.58	-1,160.76	361.61	10.00	9.71	-2.90
7,353.73	64.28	185.44	7,113.00	-124.59	-1,165.79	408.40	10.00	9.75	-2.54
Niobrara A									
7,400.00	68.80	184.36	7,131.41	-166.87	-1,169.41	450.27	10.00	9.77	-2.33
7,444.80	73.18	183.38	7,146.00	-209.11	-1,172.26	491.91	10.00	9.78	-2.20
Niobrara B									
7,500.00	78.59	182.22	7,159.46	-262.57	-1,174.87	544.36	10.00	9.79	-2.09
7,600.00	88.39	180.23	7,170.78	-361.77	-1,176.98	641.02	10.00	9.80	-1.99
7,613.23	89.69	179.97	7,171.00	-375.00	-1,177.00	653.84	10.00	9.80	-1.96
7"									
7,618.73	89.64	179.98	7,171.03	-380.50	-1,177.00	659.17	1.00	-0.99	0.14
7,700.00	89.64	179.98	7,171.55	-461.77	-1,176.97	737.92	0.00	0.00	0.00
7,800.00	89.64	179.98	7,172.19	-561.77	-1,176.93	834.81	0.00	0.00	0.00
7,900.00	89.64	179.98	7,172.82	-661.77	-1,176.89	931.71	0.00	0.00	0.00
8,000.00	89.64	179.98	7,173.46	-761.76	-1,176.85	1,028.60	0.00	0.00	0.00
8,100.00	89.64	179.98	7,174.10	-861.76	-1,176.81	1,125.50	0.00	0.00	0.00
8,200.00	89.64	179.98	7,174.73	-961.76	-1,176.77	1,222.40	0.00	0.00	0.00
8,300.00	89.64	179.98	7,175.37	-1,061.76	-1,176.73	1,319.29	0.00	0.00	0.00
8,400.00	89.64	179.98	7,176.01	-1,161.76	-1,176.69	1,416.19	0.00	0.00	0.00
8,500.00	89.64	179.98	7,176.64	-1,261.75	-1,176.65	1,513.08	0.00	0.00	0.00
8,600.00	89.64	179.98	7,177.28	-1,361.75	-1,176.61	1,609.98	0.00	0.00	0.00
8,700.00	89.64	179.98	7,177.92	-1,461.75	-1,176.57	1,706.88	0.00	0.00	0.00
8,800.00	89.64	179.98	7,178.55	-1,561.75	-1,176.53	1,803.77	0.00	0.00	0.00
8,900.00	89.64	179.98	7,179.19	-1,661.75	-1,176.49	1,900.67	0.00	0.00	0.00
9,000.00	89.64	179.98	7,179.83	-1,761.74	-1,176.45	1,997.56	0.00	0.00	0.00

Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well Norton 34N-29HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	gl + rkb @ 4913.00ft
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	gl + rkb @ 4913.00ft
Site:	WELD_NORTON 5 PAD	North Reference:	True
Well:	Norton 34N-29HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Norton 34N-29HZ		
Design:	Norton 34N-29HZ (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)
9,100.00	89.64	179.98	7,180.46	-1,861.74	-1,176.41	2,094.46	0.00	0.00	0.00
9,200.00	89.64	179.98	7,181.10	-1,961.74	-1,176.38	2,191.36	0.00	0.00	0.00
9,300.00	89.64	179.98	7,181.74	-2,061.74	-1,176.34	2,288.25	0.00	0.00	0.00
9,400.00	89.64	179.98	7,182.37	-2,161.74	-1,176.30	2,385.15	0.00	0.00	0.00
9,500.00	89.64	179.98	7,183.01	-2,261.73	-1,176.26	2,482.04	0.00	0.00	0.00
9,600.00	89.64	179.98	7,183.65	-2,361.73	-1,176.22	2,578.94	0.00	0.00	0.00
9,700.00	89.64	179.98	7,184.28	-2,461.73	-1,176.18	2,675.84	0.00	0.00	0.00
9,800.00	89.64	179.98	7,184.92	-2,561.73	-1,176.14	2,772.73	0.00	0.00	0.00
9,900.00	89.64	179.98	7,185.56	-2,661.72	-1,176.10	2,869.63	0.00	0.00	0.00
10,000.00	89.64	179.98	7,186.19	-2,761.72	-1,176.06	2,966.52	0.00	0.00	0.00
10,100.00	89.64	179.98	7,186.83	-2,861.72	-1,176.02	3,063.42	0.00	0.00	0.00
10,200.00	89.64	179.98	7,187.47	-2,961.72	-1,175.98	3,160.32	0.00	0.00	0.00
10,300.00	89.64	179.98	7,188.10	-3,061.72	-1,175.94	3,257.21	0.00	0.00	0.00
10,400.00	89.64	179.98	7,188.74	-3,161.71	-1,175.90	3,354.11	0.00	0.00	0.00
10,500.00	89.64	179.98	7,189.38	-3,261.71	-1,175.86	3,451.00	0.00	0.00	0.00
10,600.00	89.64	179.98	7,190.01	-3,361.71	-1,175.82	3,547.90	0.00	0.00	0.00
10,700.00	89.64	179.98	7,190.65	-3,461.71	-1,175.78	3,644.80	0.00	0.00	0.00
10,800.00	89.64	179.98	7,191.29	-3,561.71	-1,175.75	3,741.69	0.00	0.00	0.00
10,900.00	89.64	179.98	7,191.93	-3,661.70	-1,175.71	3,838.59	0.00	0.00	0.00
11,000.00	89.64	179.98	7,192.56	-3,761.70	-1,175.67	3,935.49	0.00	0.00	0.00
11,100.00	89.64	179.98	7,193.20	-3,861.70	-1,175.63	4,032.38	0.00	0.00	0.00
11,200.00	89.64	179.98	7,193.84	-3,961.70	-1,175.59	4,129.28	0.00	0.00	0.00
11,300.00	89.64	179.98	7,194.47	-4,061.70	-1,175.55	4,226.17	0.00	0.00	0.00
11,400.00	89.64	179.98	7,195.11	-4,161.69	-1,175.51	4,323.07	0.00	0.00	0.00
11,500.00	89.64	179.98	7,195.75	-4,261.69	-1,175.47	4,419.97	0.00	0.00	0.00
11,600.00	89.64	179.98	7,196.38	-4,361.69	-1,175.43	4,516.86	0.00	0.00	0.00
11,700.00	89.64	179.98	7,197.02	-4,461.69	-1,175.39	4,613.76	0.00	0.00	0.00
11,800.00	89.64	179.98	7,197.66	-4,561.69	-1,175.35	4,710.65	0.00	0.00	0.00
11,854.11	89.64	179.98	7,198.00	-4,615.80	-1,175.33	4,763.09	0.00	0.00	0.00
Norton 34N-29HZ 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									
Norton 34N-29HZ BHL	0.00	0.00	7,198.00	-4,615.80	-1,175.33	1,312,687.58	3,192,719.21	40.189666	-104.810169
- plan hits target center									
- Point									

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
900.00	900.00	9 5/8"	9-5/8	12-1/4	
7,613.23	7,171.00	7"	7	8-3/4	

Anadarko Petroleum Corp

Planning Report

Database:	edmp	Local Co-ordinate Reference:	Well Norton 34N-29HZ
Company:	US ROCKIES REGION PLANNING	TVD Reference:	gl + rkb @ 4913.00ft
Project:	COLORADO NORTHERN ZONE - 83	MD Reference:	gl + rkb @ 4913.00ft
Site:	WELD_NORTON 5 PAD	North Reference:	True
Well:	Norton 34N-29HZ	Survey Calculation Method:	Minimum Curvature
Wellbore:	Norton 34N-29HZ		
Design:	Norton 34N-29HZ (wp02)		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,439.33	3,398.00	Parkman				
4,384.33	4,324.00	Sussex				
7,226.71	7,046.00	Sharon Springs				
7,353.73	7,113.00	Niobrara A				
7,444.80	7,146.00	Niobrara B				