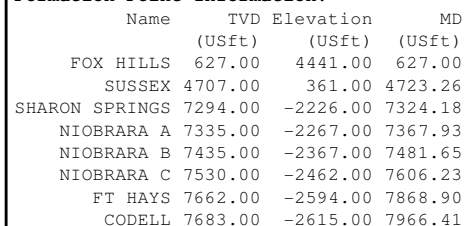


**5D Plan Report**

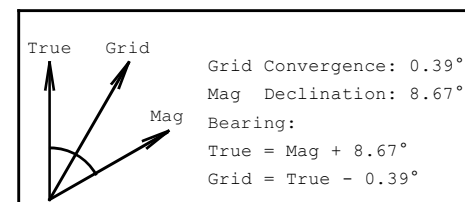
Anadarko Petroleum

Field Name: *WATTENBERG_ANADARKO_NAD 83*
Site Name: *NRC 3C-4HZ PAD*
Well Name: *NRC 3C-4HZ*
Plan: *WP01 PERMIT*





LINER TOP- 7042.18' MD



WP01 PERMIT DRAWN BY J.A. UNDERWOOD
7/25/13



Weatherford®



Plan Surveys for the NRC 3C-4HZ

Site Name NRC 3C-4HZ PAD	Units : US ft	North Reference : True	Convergence Angle : 0.39	
	Position	Northing : 1264993.64 US ft	Latitude : 40.059228	
		Easting : 3168439.20 US ft	Longitude : -104.898234	
	Elevation above:5051.00 US ft			
Comment :				
Slot Name NRC 3C-4HZ	Position (Offsets relative to Site Centre)			
	+N / -S : -0.00 US ft	Northing :1264994.05 US ft	Latitude : 40.059228	
	+E / -W : 59.90 US ft	Easting :3168499.10 US ft	Longitude : -104.898020	
	Slot TVD Reference : Ground Elevation			
	Elevation above : 5051.00 US ft			
	Comment :			
Well Name NRC 3C-4HZ	Type : Main well		UWI :	Plan : WP01 PERMIT
	Rig Height <i>Drill Floor</i> : 17.00 US ft		Comment :	
	Relative to : 5068.00 US ft			
	Closure Distance : 9862.24 US ft		Closure Azimuth : 1.43375°	
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az :359.63°
	Magnetic Parameters			
	Model : BGGM	Field Strength : 52684.0nT	Dec : 8.67°	Dip : 66.64°

Target Set**Name :** 15**Number of Targets :** 2**Comment :**

TargetName:	Position (Relative to centre)			
HEEL	+N / -S : 110.38US ft	Northing : 1265106.53 US ft	Latitude : 40°3'34.311600"	
Shape:	+E / -W : 309.86 US ft	Easting : 3168808.21US ft	Longitude : -104°53'48.886800"	
Cuboid	TVD (Drill Floor) : 7688.00 US ft			
	Orientation	Azimuth : 0.00°	Inclination : 0.00°	
	Dimensions	Length : 1.00 US ft	Breadth : 1.00 US ft	Height : 1.00 US ft

TargetName:	Position (Relative to centre)			
PBHL	+N / -S : 9859.15US ft	Northing : 1274854.65 US ft	Latitude : 40°5'10.654800"	
Shape:	+E / -W : 246.76 US ft	Easting : 3168678.95US ft	Longitude : -104°53'49.696800"	
Cuboid	TVD (Drill Floor) : 7702.00 US ft			
	Orientation	Azimuth : 0.00°	Inclination : 0.00°	
	Dimensions	Length : 1.00 US ft	Breadth : 1.00 US ft	Height : 1.00 US ft

Casing Points (Relative to centre, TVD relative to Drill Floor)								
Name	MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Latitude (°)	Longitude (°)
9 5/8 in	677.00	0.00	0.00	677.00	0.00	0.00	40.059228	-104.898020
7 in	8041.35	89.92	359.63	7688.00	110.35	309.86	40.059531	-104.896913

Well path created using minimum curvature

Salient Points (Relative to centre, TVD relative to Drill Floor)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	1264994.05	3168499.10	0.00	0.00	0.00	SURFACE
677.00	0.00	0.00	677.00	0.00	0.00	1264994.05	3168499.10	0.00	0.00	0.00	9 5/8 in
1200.00	0.00	0.00	1200.00	0.00	0.00	1264994.05	3168499.10	0.00	0.00	0.00	BEGIN NUDGE
1483.01	5.66	145.82	1482.55	-11.56	7.85	1264982.55	3168507.02	2.00	145.82	-11.61	
6859.17	5.66	145.82	6832.50	-450.22	305.71	1264545.92	3168807.86	0.00	0.00	-452.18	

5D Plan Report

Salient Points (Relative to centre, TVD relative to Drill Floor)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
7142.18	0.00	0.00	7115.04	-461.77	313.56	1264534.42	3168815.79	2.00	180.00	-463.79	KOP
8041.35	89.92	359.63	7688.00	110.35	309.86	1265106.50	3168808.20	10.00	359.63	108.35	7 in
8041.35	89.92	359.63	7688.00	110.35	309.86	1265106.50	3168808.20	0.00	0.00	108.35	
17790.37	89.92	359.63	7702.00	9859.15	246.76	1274854.65	3168678.95	0.00	0.00	9857.35	TD

Interpolated Points (Relative to centre, TVD relative to Drill Floor)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment		
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SURFACE		
100.00	0.00	0.00	100.00	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			
300.00	0.00	0.00	300.00	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			
500.00	0.00	0.00	500.00	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			
700.00	0.00	0.00	700.00	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			
900.00	0.00	0.00	900.00	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			
1100.00	0.00	0.00	1100.00	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	BEGIN NUDGE		
1300.00	2.00	145.82	1299.98	-1.44	0.98	2.00	145.82	-1.45			
1400.00	4.00	145.82	1399.84	-5.77	3.92	2.00	0.00	-5.80			
1483.01	5.66	145.82	1482.55	-11.56	7.85	2.00	0.00	-11.61			
1500.00	5.66	145.82	1499.46	-12.94	8.79	0.00	0.00	-13.00			
1600.00	5.66	145.82	1598.97	-21.10	14.33	0.00	0.00	-21.19			
1700.00	5.66	145.82	1698.48	-29.26	19.87	0.00	0.00	-29.39			
1800.00	5.66	145.82	1797.99	-37.42	25.41	0.00	0.00	-37.58			
1900.00	5.66	145.82	1897.51	-45.58	30.95	0.00	0.00	-45.78			
2000.00	5.66	145.82	1997.02	-53.74	36.49	0.00	0.00	-53.97			
2100.00	5.66	145.82	2096.53	-61.90	42.03	0.00	0.00	-62.17			
2200.00	5.66	145.82	2196.04	-70.06	47.57	0.00	0.00	-70.36			
2300.00	5.66	145.82	2295.56	-78.22	53.11	0.00	0.00	-78.56			
2400.00	5.66	145.82	2395.07	-86.38	58.65	0.00	0.00	-86.75			
2500.00	5.66	145.82	2494.58	-94.54	64.19	0.00	0.00	-94.95			
2600.00	5.66	145.82	2594.09	-102.69	69.73	0.00	0.00	-103.14			
2700.00	5.66	145.82	2693.61	-110.85	75.27	0.00	0.00	-111.34			
2800.00	5.66	145.82	2793.12	-119.01	80.81	0.00	0.00	-119.53			
2900.00	5.66	145.82	2892.63	-127.17	86.36	0.00	0.00	-127.73			
3000.00	5.66	145.82	2992.14	-135.33	91.90	0.00	0.00	-135.92			
3100.00	5.66	145.82	3091.66	-143.49	97.44	0.00	0.00	-144.12			
3200.00	5.66	145.82	3191.17	-151.65	102.98	0.00	0.00	-152.31			

5D Plan Report

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
3300.00	5.66	145.82	3290.68	-159.81	108.52	0.00	0.00	-160.51	
3400.00	5.66	145.82	3390.19	-167.97	114.06	0.00	0.00	-168.70	
3500.00	5.66	145.82	3489.71	-176.13	119.60	0.00	0.00	-176.90	
3600.00	5.66	145.82	3589.22	-184.29	125.14	0.00	0.00	-185.09	
3700.00	5.66	145.82	3688.73	-192.45	130.68	0.00	0.00	-193.29	
3800.00	5.66	145.82	3788.24	-200.61	136.22	0.00	0.00	-201.48	
3900.00	5.66	145.82	3887.76	-208.77	141.76	0.00	0.00	-209.68	
4000.00	5.66	145.82	3987.27	-216.93	147.30	0.00	0.00	-217.87	
4100.00	5.66	145.82	4086.78	-225.08	152.84	0.00	0.00	-226.07	
4200.00	5.66	145.82	4186.29	-233.24	158.38	0.00	0.00	-234.26	
4300.00	5.66	145.82	4285.81	-241.40	163.92	0.00	0.00	-242.46	
4400.00	5.66	145.82	4385.32	-249.56	169.46	0.00	0.00	-250.65	
4500.00	5.66	145.82	4484.83	-257.72	175.00	0.00	0.00	-258.85	
4600.00	5.66	145.82	4584.34	-265.88	180.54	0.00	0.00	-267.04	
4700.00	5.66	145.82	4683.86	-274.04	186.08	0.00	0.00	-275.24	
4800.00	5.66	145.82	4783.37	-282.20	191.63	0.00	0.00	-283.43	
4900.00	5.66	145.82	4882.88	-290.36	197.17	0.00	0.00	-291.63	
5000.00	5.66	145.82	4982.39	-298.52	202.71	0.00	0.00	-299.82	
5100.00	5.66	145.82	5081.91	-306.68	208.25	0.00	0.00	-308.02	
5200.00	5.66	145.82	5181.42	-314.84	213.79	0.00	0.00	-316.21	
5300.00	5.66	145.82	5280.93	-323.00	219.33	0.00	0.00	-324.41	
5400.00	5.66	145.82	5380.44	-331.16	224.87	0.00	0.00	-332.60	
5500.00	5.66	145.82	5479.96	-339.32	230.41	0.00	0.00	-340.80	
5600.00	5.66	145.82	5579.47	-347.48	235.95	0.00	0.00	-348.99	
5700.00	5.66	145.82	5678.98	-355.63	241.49	0.00	0.00	-357.19	
5800.00	5.66	145.82	5778.49	-363.79	247.03	0.00	0.00	-365.38	
5900.00	5.66	145.82	5878.00	-371.95	252.57	0.00	0.00	-373.58	
6000.00	5.66	145.82	5977.52	-380.11	258.11	0.00	0.00	-381.77	
6100.00	5.66	145.82	6077.03	-388.27	263.65	0.00	0.00	-389.97	
6200.00	5.66	145.82	6176.54	-396.43	269.19	0.00	0.00	-398.16	
6300.00	5.66	145.82	6276.05	-404.59	274.73	0.00	0.00	-406.36	
6400.00	5.66	145.82	6375.57	-412.75	280.27	0.00	0.00	-414.55	
6500.00	5.66	145.82	6475.08	-420.91	285.81	0.00	0.00	-422.75	
6600.00	5.66	145.82	6574.59	-429.07	291.35	0.00	0.00	-430.94	
6700.00	5.66	145.82	6674.10	-437.23	296.89	0.00	0.00	-439.14	
6800.00	5.66	145.82	6773.62	-445.39	302.44	0.00	0.00	-447.33	
6859.17	5.66	145.82	6832.50	-450.22	305.71	0.00	0.00	-452.18	
6900.00	4.84	145.82	6873.16	-453.31	307.81	2.00	180.00	-455.29	
7000.00	2.84	145.82	6972.93	-458.85	311.58	2.00	180.00	-460.85	
7100.00	0.84	145.82	7072.87	-461.51	313.39	2.00	180.00	-463.53	
7142.18	0.00	0.00	7115.04	-461.77	313.56	2.00	180.00	-463.79	KOP

5D Plan Report

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
7200.00	5.78	359.63	7172.77	-458.86	313.54	10.00	359.63	-460.87	
7300.00	15.78	359.63	7270.88	-440.17	313.42	10.00	0.00	-442.19	
7400.00	25.78	359.63	7364.25	-404.74	313.19	10.00	0.00	-406.75	
7500.00	35.78	359.63	7450.06	-353.62	312.86	10.00	0.00	-355.64	
7600.00	45.78	359.63	7525.68	-288.39	312.44	10.00	0.00	-290.40	
7700.00	55.78	359.63	7588.83	-211.01	311.94	10.00	0.00	-213.02	
7800.00	65.78	359.63	7637.58	-123.85	311.37	10.00	0.00	-125.86	
7900.00	75.78	359.63	7670.45	-29.54	310.76	10.00	0.00	-31.55	
8000.00	85.78	359.63	7686.45	69.04	310.12	10.00	0.00	67.03	
8041.35	89.92	359.63	7688.00	110.35	309.86	10.00	0.00	108.35	
8100.00	89.92	359.63	7688.09	169.00	309.48	0.00	0.00	167.00	
8200.00	89.92	359.63	7688.23	269.00	308.83	0.00	0.00	267.00	
8300.00	89.92	359.63	7688.37	368.99	308.18	0.00	0.00	367.00	
8400.00	89.92	359.63	7688.52	468.99	307.54	0.00	0.00	467.00	
8500.00	89.92	359.63	7688.66	568.99	306.89	0.00	0.00	567.00	
8600.00	89.92	359.63	7688.80	668.99	306.24	0.00	0.00	667.00	
8700.00	89.92	359.63	7688.95	768.98	305.59	0.00	0.00	767.00	
8800.00	89.92	359.63	7689.09	868.98	304.95	0.00	0.00	867.00	
8900.00	89.92	359.63	7689.23	968.98	304.30	0.00	0.00	967.00	
9000.00	89.92	359.63	7689.38	1068.98	303.65	0.00	0.00	1066.99	
9100.00	89.92	359.63	7689.52	1168.98	303.01	0.00	0.00	1166.99	
9200.00	89.92	359.63	7689.67	1268.97	302.36	0.00	0.00	1266.99	
9300.00	89.92	359.63	7689.81	1368.97	301.71	0.00	0.00	1366.99	
9400.00	89.92	359.63	7689.95	1468.97	301.06	0.00	0.00	1466.99	
9500.00	89.92	359.63	7690.10	1568.97	300.42	0.00	0.00	1566.99	
9600.00	89.92	359.63	7690.24	1668.96	299.77	0.00	0.00	1666.99	
9700.00	89.92	359.63	7690.38	1768.96	299.12	0.00	0.00	1766.99	
9800.00	89.92	359.63	7690.53	1868.96	298.48	0.00	0.00	1866.99	
9900.00	89.92	359.63	7690.67	1968.96	297.83	0.00	0.00	1966.99	
10000.00	89.92	359.63	7690.81	2068.96	297.18	0.00	0.00	2066.99	
10100.00	89.92	359.63	7690.96	2168.95	296.53	0.00	0.00	2166.99	
10200.00	89.92	359.63	7691.10	2268.95	295.89	0.00	0.00	2266.99	
10300.00	89.92	359.63	7691.24	2368.95	295.24	0.00	0.00	2366.99	
10400.00	89.92	359.63	7691.39	2468.95	294.59	0.00	0.00	2466.99	
10500.00	89.92	359.63	7691.53	2568.95	293.95	0.00	0.00	2566.99	
10600.00	89.92	359.63	7691.68	2668.94	293.30	0.00	0.00	2666.99	
10700.00	89.92	359.63	7691.82	2768.94	292.65	0.00	0.00	2766.99	
10800.00	89.92	359.63	7691.96	2868.94	292.00	0.00	0.00	2866.99	
10900.00	89.92	359.63	7692.11	2968.94	291.36	0.00	0.00	2966.99	
11000.00	89.92	359.63	7692.25	3068.93	290.71	0.00	0.00	3066.99	
11100.00	89.92	359.63	7692.39	3168.93	290.06	0.00	0.00	3166.99	

5D Plan Report

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
11200.00	89.92	359.63	7692.54	3268.93	289.42	0.00	0.00	3266.99	
11300.00	89.92	359.63	7692.68	3368.93	288.77	0.00	0.00	3366.99	
11400.00	89.92	359.63	7692.82	3468.93	288.12	0.00	0.00	3466.99	
11500.00	89.92	359.63	7692.97	3568.92	287.47	0.00	0.00	3566.99	
11600.00	89.92	359.63	7693.11	3668.92	286.83	0.00	0.00	3666.99	
11700.00	89.92	359.63	7693.26	3768.92	286.18	0.00	0.00	3766.99	
11800.00	89.92	359.63	7693.40	3868.92	285.53	0.00	0.00	3866.99	
11900.00	89.92	359.63	7693.54	3968.91	284.88	0.00	0.00	3966.99	
12000.00	89.92	359.63	7693.69	4068.91	284.24	0.00	0.00	4066.99	
12100.00	89.92	359.63	7693.83	4168.91	283.59	0.00	0.00	4166.99	
12200.00	89.92	359.63	7693.97	4268.91	282.94	0.00	0.00	4266.99	
12300.00	89.92	359.63	7694.12	4368.91	282.30	0.00	0.00	4366.99	
12400.00	89.92	359.63	7694.26	4468.90	281.65	0.00	0.00	4466.99	
12500.00	89.92	359.63	7694.40	4568.90	281.00	0.00	0.00	4566.99	
12600.00	89.92	359.63	7694.55	4668.90	280.35	0.00	0.00	4666.99	
12700.00	89.92	359.63	7694.69	4768.90	279.71	0.00	0.00	4766.99	
12800.00	89.92	359.63	7694.83	4868.89	279.06	0.00	0.00	4866.99	
12900.00	89.92	359.63	7694.98	4968.89	278.41	0.00	0.00	4966.99	
13000.00	89.92	359.63	7695.12	5068.89	277.77	0.00	0.00	5066.99	
13100.00	89.92	359.63	7695.27	5168.89	277.12	0.00	0.00	5166.99	
13200.00	89.92	359.63	7695.41	5268.89	276.47	0.00	0.00	5266.99	
13300.00	89.92	359.63	7695.55	5368.88	275.82	0.00	0.00	5366.99	
13400.00	89.92	359.63	7695.70	5468.88	275.18	0.00	0.00	5466.99	
13500.00	89.92	359.63	7695.84	5568.88	274.53	0.00	0.00	5566.99	
13600.00	89.92	359.63	7695.98	5668.88	273.88	0.00	0.00	5666.99	
13700.00	89.92	359.63	7696.13	5768.87	273.24	0.00	0.00	5766.99	
13800.00	89.92	359.63	7696.27	5868.87	272.59	0.00	0.00	5866.99	
13900.00	89.92	359.63	7696.41	5968.87	271.94	0.00	0.00	5966.99	
14000.00	89.92	359.63	7696.56	6068.87	271.29	0.00	0.00	6066.99	
14100.00	89.92	359.63	7696.70	6168.87	270.65	0.00	0.00	6166.99	
14200.00	89.92	359.63	7696.84	6268.86	270.00	0.00	0.00	6266.99	
14300.00	89.92	359.63	7696.99	6368.86	269.35	0.00	0.00	6366.99	
14400.00	89.92	359.63	7697.13	6468.86	268.71	0.00	0.00	6466.99	
14500.00	89.92	359.63	7697.28	6568.86	268.06	0.00	0.00	6566.99	
14600.00	89.92	359.63	7697.42	6668.86	267.41	0.00	0.00	6666.99	
14700.00	89.92	359.63	7697.56	6768.85	266.76	0.00	0.00	6766.99	
14800.00	89.92	359.63	7697.71	6868.85	266.12	0.00	0.00	6866.99	
14900.00	89.92	359.63	7697.85	6968.85	265.47	0.00	0.00	6966.99	
15000.00	89.92	359.63	7697.99	7068.85	264.82	0.00	0.00	7066.99	
15100.00	89.92	359.63	7698.14	7168.84	264.17	0.00	0.00	7166.99	
15200.00	89.92	359.63	7698.28	7268.84	263.53	0.00	0.00	7266.99	

5D Plan Report

Interpolated Points (Relative to centre, TVD relative to Drill Floor)									
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	T.Face (°)	VS (US ft)	Comment
15300.00	89.92	359.63	7698.42	7368.84	262.88	0.00	0.00	7366.99	
15400.00	89.92	359.63	7698.57	7468.84	262.23	0.00	0.00	7466.99	
15500.00	89.92	359.63	7698.71	7568.84	261.59	0.00	0.00	7566.99	
15600.00	89.92	359.63	7698.85	7668.83	260.94	0.00	0.00	7666.99	
15700.00	89.92	359.63	7699.00	7768.83	260.29	0.00	0.00	7766.99	
15800.00	89.92	359.63	7699.14	7868.83	259.64	0.00	0.00	7866.99	
15900.00	89.92	359.63	7699.29	7968.83	259.00	0.00	0.00	7966.99	
16000.00	89.92	359.63	7699.43	8068.82	258.35	0.00	0.00	8066.99	
16100.00	89.92	359.63	7699.57	8168.82	257.70	0.00	0.00	8166.99	
16200.00	89.92	359.63	7699.72	8268.82	257.06	0.00	0.00	8266.99	
16300.00	89.92	359.63	7699.86	8368.82	256.41	0.00	0.00	8366.99	
16400.00	89.92	359.63	7700.00	8468.82	255.76	0.00	0.00	8466.99	
16500.00	89.92	359.63	7700.15	8568.81	255.11	0.00	0.00	8566.99	
16600.00	89.92	359.63	7700.29	8668.81	254.47	0.00	0.00	8666.99	
16700.00	89.92	359.63	7700.43	8768.81	253.82	0.00	0.00	8766.99	
16800.00	89.92	359.63	7700.58	8868.81	253.17	0.00	0.00	8866.99	
16900.00	89.92	359.63	7700.72	8968.80	252.53	0.00	0.00	8966.99	
17000.00	89.92	359.63	7700.87	9068.80	251.88	0.00	0.00	9066.99	
17100.00	89.92	359.63	7701.01	9168.80	251.23	0.00	0.00	9166.99	
17200.00	89.92	359.63	7701.15	9268.80	250.58	0.00	0.00	9266.99	
17300.00	89.92	359.63	7701.30	9368.80	249.94	0.00	0.00	9366.99	
17400.00	89.92	359.63	7701.44	9468.79	249.29	0.00	0.00	9466.99	
17500.00	89.92	359.63	7701.58	9568.79	248.64	0.00	0.00	9566.99	
17600.00	89.92	359.63	7701.73	9668.79	248.00	0.00	0.00	9666.99	
17700.00	89.92	359.63	7701.87	9768.79	247.35	0.00	0.00	9766.99	
17790.37	89.92	359.63	7702.00	9859.15	246.76	0.00	0.00	9857.35	TD

Formation Points (Relative to centre, TVD relative to Drill Floor)			
Name	MD (US ft)	TVD (US ft)	
FOX HILLS	627.00	627.00	
SUSSEX	4723.26	4707.00	
SHARON SPRINGS	7324.18	7294.00	
NIOBRARA A	7367.93	7335.00	
NIOBRARA B	7481.65	7435.00	
NIOBRARA C	7606.23	7530.00	
FT HAYS	7868.90	7662.00	
CODELL	7966.41	7683.00	