

**5D Plan Report****ANADARKO**

Field Name: *WATTENBURG_ANADARKO_CO_NAD83*
Site Name: *SCOTT PAD*
Well Name: *SCOTT 27N-32HZ*
Plan: *PLAN 1*



Plan Data for SCOTT 27N-32HZ

Field: WATTENBURG_ANADARKO_CO_NAD83

Map Unit: USft Vertical Reference Datum (VRD): Mean Sea Level
Projected Coordinate System: NAD83 / Colorado North (ftUS)

Site: SCOTT PAD

Unit: USfeet TVD Reference:
Company Name: ANADARKO
Position: Northing: 1304761.00USft Latitude: 40.168447°
Easting: 3165512.71USft Longitude: -104.907740°
North Reference: True Grid Convergence: 0.38°
Elevation Above VRD: 4874.00USft

Slot: SCOTT 27N-32HZ

Position:
Offset is from Site centre
+N/-S: 0.00USft Northing: 1304761.00USft Latitude: 40.168447°
+E/-W: 0.00USft Easting: 3165512.71USft Longitude: -104.907740°
Elevation Above VRD: 4874.00USft

Well: SCOTT 27N-32HZ

Type: Main-Well
File Number:
Vertical Section: Position offset of origin from Slot centre:
+N/-S: -0.00USft Azimuth: 360.07°
+E/-W: -0.00USft
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
BGGM 52741(nT) 8.67° 66.76° 2013-07-30

Plan Point Information:

DogLeg Severity Unit: °/100.00ft										Position offsets from Slot centre			
MD	Inc	Az	TVD	+N/-S	+E/-W	VSec	DLS	Toolface	Build	Turn			
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(DLSU)	(°)	(DLSU)	(DLSU)			
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0R	0.00	0.00			
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.0R	0.00	0.00			
2484.04	7.68	212.55	2482.89	-21.67	-13.83	-21.68	2.00	147.4L	2.00	0.00			
6271.29	7.68	212.55	6236.16	-448.33	-286.17	-448.68	0.00	0.0R	0.00	0.00			
6655.33	0.00	0.00	6619.05	-470.00	-300.00	-470.37	2.00	180.0L	-2.00	0.00			
7558.53	90.32	0.07	7192.00	106.16	-299.30	105.79	10.00	0.1R	10.00	0.00			
14723.19	90.32	0.07	7152.00	7270.70	-290.56	7270.34	0.00	0.0R	0.00	0.00			

Target Set Information:

Name:	TVD	Lat	Long
Name	TVD	Lat	Long
(USft)	(°)	(°)	(°)
PBHL	7152.00	40.188406	-104.908780

Formation Point Information:

Name	TVD	Elevation	MD
Name	TVD	Elevation	MD
(USft)	(USft)	(USft)	(USft)
SHARON SPRINGS	7100.00	-2209.00	7226.11
NIOBRARA A	7141.00	-2250.00	7311.73
NIOBRARA B	7159.00	-2268.00	7359.89

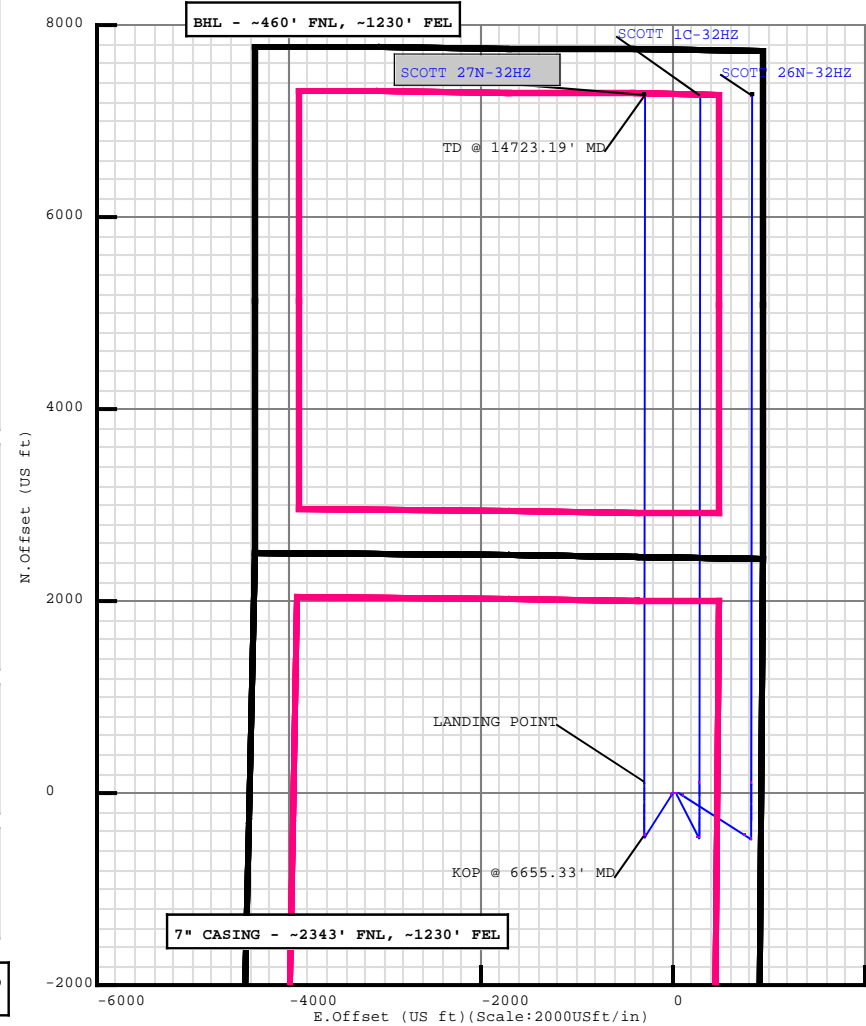
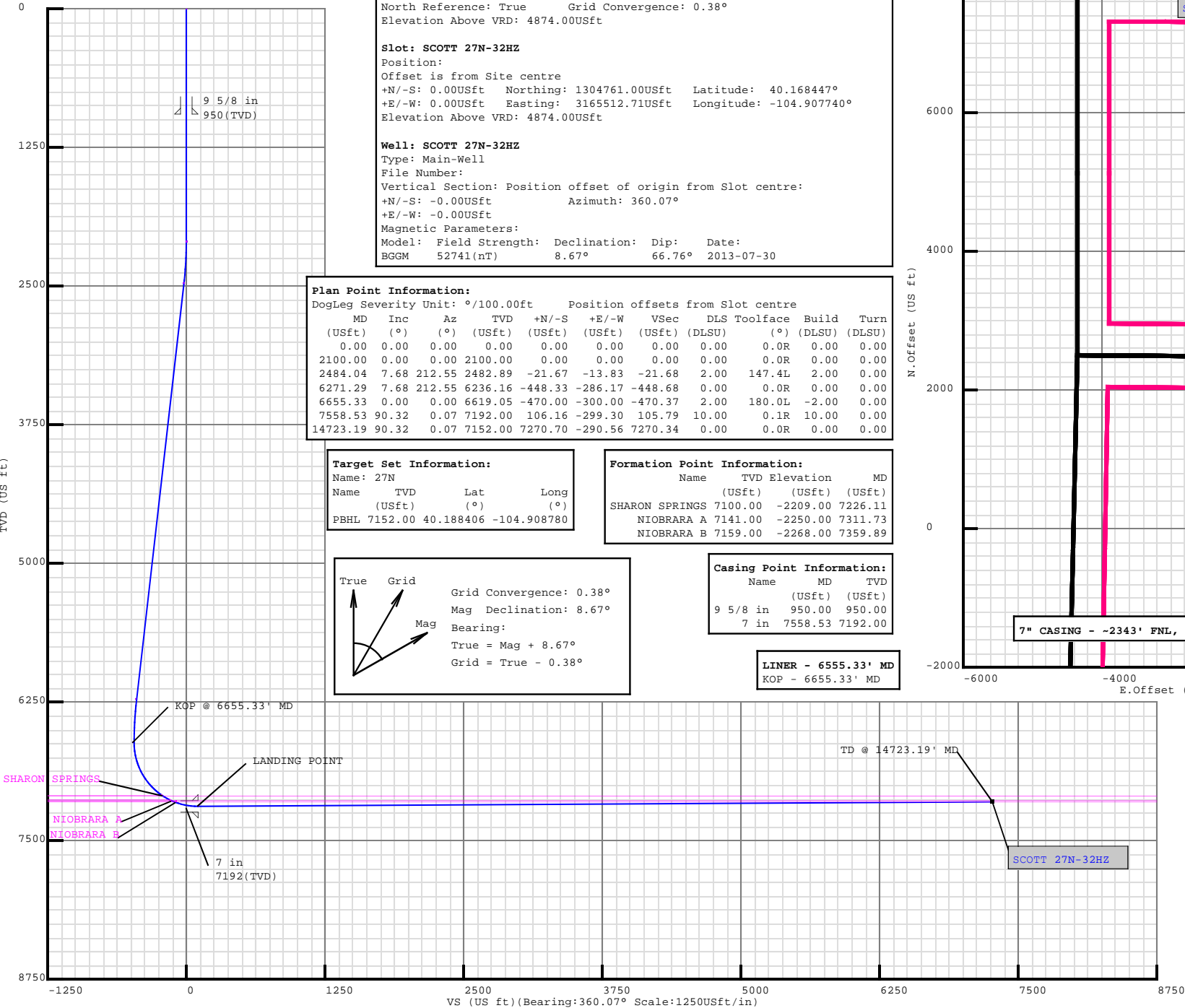
Casing Point Information:

Name	MD	TVD
Name	MD	TVD
(USft)	(USft)	(USft)
9 5/8 in	950.00	950.00
7 in	7558.53	7192.00

LINER - 6555.33' MD

KOP - 6655.33' MD

True Grid
Grid Convergence: 0.38°
Mag Declination: 8.67°
Bearing:
True = Mag + 8.67°
Grid = True - 0.38°



Plan Surveys for the SCOTT 27N-32HZ

Site Name SCOTT PAD	Units : US ft	North Reference : True	Convergence Angle : 0.38
	Position	Northing : 1304761.00 US ft	Latitude : 40.168447
		Easting : 3165512.71 US ft	Longitude : -104.907740
	Elevation above: 4874.00 US ft Comment :		
Slot Name SCOTT 27N-32HZ	Position (Offsets relative to Site Centre)		
	+N / -S : 0.00 US ft	Northing : 1304761.00 US ft	Latitude : 40.168447
	+E / -W : 0.00 US ft	Easting : 3165512.71 US ft	Longitude : -104.907740
	Slot TVD Reference : Ground Elevation Elevation above : 4874.00 US ft Comment :		
Well Name SCOTT 27N-32HZ	Type : Main well	UWI :	Plan : PLAN 1
	Rig Height Drill Floor : 17.00 US ft	Comment :	
	Relative to : 4891.00 US ft		
	Closure Distance : 7276.5 US ft	Closure Azimuth : 357.712°	
	Vertical Section (Position of Origin Relative to Slot)		
	+N / -S : -0.00 US ft	+E / -W : -0.00 US ft	Az : 0.07°
	Magnetic Parameters		
	Model : BGGM	Field Strength : 52741.9nT	Dec : 8.67°
			Dip : 66.76°
			Date : 30/Jul/2013

Target Set**Name :** 27N**Number of Targets :** 1**Comment :**

TargetName:	Position (Relative to centre)			
PBHL	+N / -S : 7270.70US ft	Northing : 1312029.60 US ft	Latitude : 40°11'18.261600"	
Shape:	+E / -W : -290.56 US ft	Easting : 3165173.60US ft	Longitude : -104°54'31.608000"	
Cuboid	TVD (Drill Floor) : 7152.00 US ft			
	Orientation	Azimuth : 0.00°	Inclination : 0.00°	
	Dimensions	Length : 20.00 US ft	Breadth : 20.00 US ft	Height : 20.00 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	950.00	0.00	0.00	950.00	0.00	0.00	40.168447	-104.907740
7 in	7558.53	90.32	0.07	7192.00	106.16	-299.30	40.168738	-104.908811

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)	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	
950.00	0.00	0.00	950.00	0.00	0.00	0.00	0.00	0.00	9 5/8 in
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	
2484.04	7.68	212.55	2482.89	-21.67	-13.83	2.00	212.55	-21.68	
6271.29	7.68	212.55	6236.16	-448.33	-286.17	0.00	0.00	-448.68	
6655.33	0.00	0.00	6619.05	-470.00	-300.00	2.00	180.00	-470.36	KOP @ 6655.33' MD
7226.11	57.08	0.07	7100.00	-208.44	-299.68	10.00	0.07	-208.80	SHARON SPRINGS :
7311.73	65.64	0.07	7141.00	-133.37	-299.59	10.00	0.00	-133.73	NIOBRARA A :
7359.89	70.46	0.07	7159.00	-88.71	-299.54	10.00	0.00	-89.07	NIOBRARA B :
7558.53	90.32	0.07	7192.00	106.16	-299.30	10.00	0.00	105.79	LANDING POINT; 7 in
14723.19	90.32	0.07	7152.00	7270.70	-290.56	0.00	0.00	7270.34	TD @ 14723.19' MD

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	

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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
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	9 5/8 in
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	
950.00	0.00	0.00	950.00	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	
1300.00	0.00	0.00	1300.00	0.00	0.00	0.00	0.00	0.00	
1400.00	0.00	0.00	1400.00	0.00	0.00	0.00	0.00	0.00	
1500.00	0.00	0.00	1500.00	0.00	0.00	0.00	0.00	0.00	
1600.00	0.00	0.00	1600.00	0.00	0.00	0.00	0.00	0.00	
1700.00	0.00	0.00	1700.00	0.00	0.00	0.00	0.00	0.00	
1800.00	0.00	0.00	1800.00	0.00	0.00	0.00	0.00	0.00	
1900.00	0.00	0.00	1900.00	0.00	0.00	0.00	0.00	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	0.00	0.00	0.00	
2100.00	0.00	0.00	2100.00	0.00	0.00	0.00	0.00	0.00	
2200.00	2.00	212.55	2199.98	-1.47	-0.94	2.00	212.55	-1.47	
2300.00	4.00	212.55	2299.84	-5.88	-3.75	2.00	0.00	-5.88	
2400.00	6.00	212.55	2399.45	-13.23	-8.44	2.00	0.00	-13.23	
2484.04	7.68	212.55	2482.89	-21.67	-13.83	2.00	0.00	-21.68	
2500.00	7.68	212.55	2498.71	-23.46	-14.98	0.00	0.00	-23.48	
2600.00	7.68	212.55	2597.81	-34.73	-22.17	0.00	0.00	-34.75	
2700.00	7.68	212.55	2696.91	-46.00	-29.36	0.00	0.00	-46.03	
2800.00	7.68	212.55	2796.02	-57.26	-36.55	0.00	0.00	-57.30	
2900.00	7.68	212.55	2895.12	-68.53	-43.74	0.00	0.00	-68.58	
3000.00	7.68	212.55	2994.22	-79.79	-50.93	0.00	0.00	-79.85	
3100.00	7.68	212.55	3093.32	-91.06	-58.12	0.00	0.00	-91.13	
3200.00	7.68	212.55	3192.43	-102.33	-65.31	0.00	0.00	-102.40	
3300.00	7.68	212.55	3291.53	-113.59	-72.51	0.00	0.00	-113.68	
3400.00	7.68	212.55	3390.63	-124.86	-79.70	0.00	0.00	-124.95	
3500.00	7.68	212.55	3489.74	-136.12	-86.89	0.00	0.00	-136.22	
3600.00	7.68	212.55	3588.84	-147.39	-94.08	0.00	0.00	-147.50	
3700.00	7.68	212.55	3687.94	-158.65	-101.27	0.00	0.00	-158.77	
3800.00	7.68	212.55	3787.04	-169.92	-108.46	0.00	0.00	-170.05	
3900.00	7.68	212.55	3886.15	-181.19	-115.65	0.00	0.00	-181.32	

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
4000.00	7.68	212.55	3985.25	-192.45	-122.84	0.00	0.00	-192.60	
4100.00	7.68	212.55	4084.35	-203.72	-130.03	0.00	0.00	-203.87	
4200.00	7.68	212.55	4183.46	-214.98	-137.22	0.00	0.00	-215.15	
4300.00	7.68	212.55	4282.56	-226.25	-144.42	0.00	0.00	-226.42	
4400.00	7.68	212.55	4381.66	-237.52	-151.61	0.00	0.00	-237.70	
4500.00	7.68	212.55	4480.76	-248.78	-158.80	0.00	0.00	-248.97	
4600.00	7.68	212.55	4579.87	-260.05	-165.99	0.00	0.00	-260.25	
4700.00	7.68	212.55	4678.97	-271.31	-173.18	0.00	0.00	-271.52	
4800.00	7.68	212.55	4778.07	-282.58	-180.37	0.00	0.00	-282.80	
4900.00	7.68	212.55	4877.18	-293.85	-187.56	0.00	0.00	-294.07	
5000.00	7.68	212.55	4976.28	-305.11	-194.75	0.00	0.00	-305.35	
5100.00	7.68	212.55	5075.38	-316.38	-201.94	0.00	0.00	-316.62	
5200.00	7.68	212.55	5174.48	-327.64	-209.13	0.00	0.00	-327.89	
5300.00	7.68	212.55	5273.59	-338.91	-216.33	0.00	0.00	-339.17	
5400.00	7.68	212.55	5372.69	-350.18	-223.52	0.00	0.00	-350.44	
5500.00	7.68	212.55	5471.79	-361.44	-230.71	0.00	0.00	-361.72	
5600.00	7.68	212.55	5570.89	-372.71	-237.90	0.00	0.00	-372.99	
5700.00	7.68	212.55	5670.00	-383.97	-245.09	0.00	0.00	-384.27	
5800.00	7.68	212.55	5769.10	-395.24	-252.28	0.00	0.00	-395.54	
5900.00	7.68	212.55	5868.20	-406.51	-259.47	0.00	0.00	-406.82	
6000.00	7.68	212.55	5967.31	-417.77	-266.66	0.00	0.00	-418.09	
6100.00	7.68	212.55	6066.41	-429.04	-273.85	0.00	0.00	-429.37	
6200.00	7.68	212.55	6165.51	-440.30	-281.05	0.00	0.00	-440.64	
6271.29	7.68	212.55	6236.16	-448.33	-286.17	0.00	0.00	-448.68	
6300.00	7.11	212.55	6264.63	-451.45	-288.16	2.00	180.00	-451.80	
6400.00	5.11	212.55	6364.06	-460.42	-293.88	2.00	180.00	-460.77	
6500.00	3.11	212.55	6463.80	-466.45	-297.74	2.00	180.00	-466.81	
6600.00	1.11	212.55	6563.73	-469.55	-299.71	2.00	180.00	-469.91	
6655.33	0.00	0.00	6619.05	-470.00	-300.00	2.00	180.00	-470.36	KOP @ 6655.33' MD
6700.00	4.47	0.07	6663.68	-468.26	-300.00	10.00	0.07	-468.62	
6800.00	14.47	0.07	6762.19	-451.83	-299.98	10.00	0.00	-452.19	
6900.00	24.47	0.07	6856.35	-418.55	-299.94	10.00	0.00	-418.91	
7000.00	34.47	0.07	6943.31	-369.42	-299.88	10.00	0.00	-369.78	
7100.00	44.47	0.07	7020.41	-305.94	-299.80	10.00	0.00	-306.30	
7200.00	54.47	0.07	7085.31	-230.03	-299.71	10.00	0.00	-230.39	
7226.11	57.08	0.07	7100.00	-208.44	-299.68	10.00	0.00	-208.80	SHARON SPRINGS :
7300.00	64.47	0.07	7136.05	-144.00	-299.60	10.00	0.00	-144.37	
7311.73	65.64	0.07	7141.00	-133.37	-299.59	10.00	0.00	-133.73	NIOBRARA A :
7359.89	70.46	0.07	7159.00	-88.71	-299.54	10.00	0.00	-89.07	NIOBRARA B :
7400.00	74.47	0.07	7171.08	-50.48	-299.49	10.00	0.00	-50.84	
7500.00	84.47	0.07	7189.34	47.71	-299.37	10.00	0.00	47.35	

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
7558.53	90.32	0.07	7192.00	106.16	-299.30	10.00	0.00	105.79	LANDING POINT; 7 in
7600.00	90.32	0.07	7191.77	147.63	-299.25	0.00	0.00	147.27	
7700.00	90.32	0.07	7191.21	247.63	-299.13	0.00	0.00	247.26	
7800.00	90.32	0.07	7190.65	347.62	-299.00	0.00	0.00	347.26	
7900.00	90.32	0.07	7190.09	447.62	-298.88	0.00	0.00	447.26	
8000.00	90.32	0.07	7189.54	547.62	-298.76	0.00	0.00	547.26	
8100.00	90.32	0.07	7188.98	647.62	-298.64	0.00	0.00	647.26	
8200.00	90.32	0.07	7188.42	747.62	-298.52	0.00	0.00	747.26	
8300.00	90.32	0.07	7187.86	847.62	-298.39	0.00	0.00	847.25	
8400.00	90.32	0.07	7187.30	947.61	-298.27	0.00	0.00	947.25	
8500.00	90.32	0.07	7186.74	1047.61	-298.15	0.00	0.00	1047.25	
8600.00	90.32	0.07	7186.19	1147.61	-298.03	0.00	0.00	1147.25	
8700.00	90.32	0.07	7185.63	1247.61	-297.91	0.00	0.00	1247.25	
8800.00	90.32	0.07	7185.07	1347.61	-297.78	0.00	0.00	1347.25	
8900.00	90.32	0.07	7184.51	1447.61	-297.66	0.00	0.00	1447.25	
9000.00	90.32	0.07	7183.95	1547.60	-297.54	0.00	0.00	1547.24	
9100.00	90.32	0.07	7183.40	1647.60	-297.42	0.00	0.00	1647.24	
9200.00	90.32	0.07	7182.84	1747.60	-297.30	0.00	0.00	1747.24	
9300.00	90.32	0.07	7182.28	1847.60	-297.17	0.00	0.00	1847.24	
9400.00	90.32	0.07	7181.72	1947.60	-297.05	0.00	0.00	1947.24	
9500.00	90.32	0.07	7181.16	2047.60	-296.93	0.00	0.00	2047.24	
9600.00	90.32	0.07	7180.60	2147.59	-296.81	0.00	0.00	2147.23	
9700.00	90.32	0.07	7180.05	2247.59	-296.69	0.00	0.00	2247.23	
9800.00	90.32	0.07	7179.49	2347.59	-296.56	0.00	0.00	2347.23	
9900.00	90.32	0.07	7178.93	2447.59	-296.44	0.00	0.00	2447.23	
10000.00	90.32	0.07	7178.37	2547.59	-296.32	0.00	0.00	2547.23	
10100.00	90.32	0.07	7177.81	2647.59	-296.20	0.00	0.00	2647.23	
10200.00	90.32	0.07	7177.25	2747.58	-296.08	0.00	0.00	2747.23	
10300.00	90.32	0.07	7176.70	2847.58	-295.95	0.00	0.00	2847.22	
10400.00	90.32	0.07	7176.14	2947.58	-295.83	0.00	0.00	2947.22	
10500.00	90.32	0.07	7175.58	3047.58	-295.71	0.00	0.00	3047.22	
10600.00	90.32	0.07	7175.02	3147.58	-295.59	0.00	0.00	3147.22	
10700.00	90.32	0.07	7174.46	3247.58	-295.47	0.00	0.00	3247.22	
10800.00	90.32	0.07	7173.90	3347.57	-295.34	0.00	0.00	3347.22	
10900.00	90.32	0.07	7173.35	3447.57	-295.22	0.00	0.00	3447.21	
11000.00	90.32	0.07	7172.79	3547.57	-295.10	0.00	0.00	3547.21	
11100.00	90.32	0.07	7172.23	3647.57	-294.98	0.00	0.00	3647.21	
11200.00	90.32	0.07	7171.67	3747.57	-294.86	0.00	0.00	3747.21	
11300.00	90.32	0.07	7171.11	3847.57	-294.73	0.00	0.00	3847.21	
11400.00	90.32	0.07	7170.55	3947.56	-294.61	0.00	0.00	3947.21	
11500.00	90.32	0.07	7170.00	4047.56	-294.49	0.00	0.00	4047.20	

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
11600.00	90.32	0.07	7169.44	4147.56	-294.37	0.00	0.00	4147.20	
11700.00	90.32	0.07	7168.88	4247.56	-294.25	0.00	0.00	4247.20	
11800.00	90.32	0.07	7168.32	4347.56	-294.12	0.00	0.00	4347.20	
11900.00	90.32	0.07	7167.76	4447.56	-294.00	0.00	0.00	4447.20	
12000.00	90.32	0.07	7167.20	4547.56	-293.88	0.00	0.00	4547.20	
12100.00	90.32	0.07	7166.65	4647.55	-293.76	0.00	0.00	4647.20	
12200.00	90.32	0.07	7166.09	4747.55	-293.64	0.00	0.00	4747.19	
12300.00	90.32	0.07	7165.53	4847.55	-293.51	0.00	0.00	4847.19	
12400.00	90.32	0.07	7164.97	4947.55	-293.39	0.00	0.00	4947.19	
12500.00	90.32	0.07	7164.41	5047.55	-293.27	0.00	0.00	5047.19	
12600.00	90.32	0.07	7163.85	5147.55	-293.15	0.00	0.00	5147.19	
12700.00	90.32	0.07	7163.30	5247.54	-293.03	0.00	0.00	5247.19	
12800.00	90.32	0.07	7162.74	5347.54	-292.90	0.00	0.00	5347.18	
12900.00	90.32	0.07	7162.18	5447.54	-292.78	0.00	0.00	5447.18	
13000.00	90.32	0.07	7161.62	5547.54	-292.66	0.00	0.00	5547.18	
13100.00	90.32	0.07	7161.06	5647.54	-292.54	0.00	0.00	5647.18	
13200.00	90.32	0.07	7160.50	5747.54	-292.42	0.00	0.00	5747.18	
13300.00	90.32	0.07	7159.95	5847.53	-292.29	0.00	0.00	5847.18	
13400.00	90.32	0.07	7159.39	5947.53	-292.17	0.00	0.00	5947.18	
13500.00	90.32	0.07	7158.83	6047.53	-292.05	0.00	0.00	6047.17	
13600.00	90.32	0.07	7158.27	6147.53	-291.93	0.00	0.00	6147.17	
13700.00	90.32	0.07	7157.71	6247.53	-291.81	0.00	0.00	6247.17	
13800.00	90.32	0.07	7157.15	6347.53	-291.68	0.00	0.00	6347.17	
13900.00	90.32	0.07	7156.60	6447.52	-291.56	0.00	0.00	6447.17	
14000.00	90.32	0.07	7156.04	6547.52	-291.44	0.00	0.00	6547.17	
14100.00	90.32	0.07	7155.48	6647.52	-291.32	0.00	0.00	6647.16	
14200.00	90.32	0.07	7154.92	6747.52	-291.20	0.00	0.00	6747.16	
14300.00	90.32	0.07	7154.36	6847.52	-291.07	0.00	0.00	6847.16	
14400.00	90.32	0.07	7153.80	6947.52	-290.95	0.00	0.00	6947.16	
14500.00	90.32	0.07	7153.25	7047.51	-290.83	0.00	0.00	7047.16	
14600.00	90.32	0.07	7152.69	7147.51	-290.71	0.00	0.00	7147.16	
14700.00	90.32	0.07	7152.13	7247.51	-290.59	0.00	0.00	7247.15	
14723.19	90.32	0.07	7152.00	7270.70	-290.56	0.00	0.00	7270.34	TD @ 14723.19' MD

Formation Points (Relative to centre, TVD relative to Drill Floor)			
Name	MD (US ft)	TVD (US ft)	
SHARON SPRINGS	7226.11	7100.00	
NIOBRARA A	7311.73	7141.00	
NIOBRARA B	7359.89	7159.00	