

Results of Directional Survey

API number:	30-025-41676		
OGRID:		Operator:	GMT EXPLORATION COMPANY LLC
		Property:	MERCHANT LIVESTOCK 30 STATE # 2H

surface	ULSTR:	C	19	T	22S	R	35E
				33	FNL	2260	FWL

BH Loc	ULSTR:	N	19	T	22S	R	35E
15995	MD	11469.9	TVD	331	FSL	2270	FWL
				4949	FNL		

Top Perf/OH	ULSTR:	C	19	T	22S	R	35E
11914	MD	11365.2	TVD	872	FNL	2237	FWL

Bot Perf/OH	ULSTR:	N	19	T	22S	R	35E
15719	MD	11460.0	TVD	607	FSL	2270	FWL
				4673	FNL		

	MD	N/S	E/W	VD
	11849	-773.82	-26.22	11365.58
TOP PERFS/OH	11914	-838.74	-22.89	11365.19
	11942	-866.70	-21.45	11365.02
	15630	-4551.42	12.43	11457.35
BOT PERFS/OH	15719	-4640.34	10.14	11459.98
	15725	-4646.33	9.99	11460.16

NEXT TO LAST	15972	-4893.16	9.55	11469.14
LAST READING	15995	-4916.14	9.91	11469.93
TD	15995	-4916.14	9.91	11469.93

Surface Location	33	FN	2260	FW
Projected BHL	4949	FN	2270	FW
Location of				
Top Perfs/OH	872	FN	2237	FW
Bottom Perfs/OH	4673	FN	2270	FW

SUMMARY of Subsurface Locations

Surface Location	C-19-22S-35E	33	FN	2260	FW	Vert. Depth
Top Perfs/OH	C-19-22S-35E	872	FN	2237	FW	11365.19
Bottom Perfs/OH	N-19-22S-35E	4673	FN	2270	FW	11459.98
Projected TD	N-19-22S-35E	4949	FN	2270	FW	11469.93

SEP 04 2014

HOBBS OCD

AUG 28 2014

RECEIVED

Weatherford

Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

GMT Exploration Co, LLC
125 W. Missouri Ave, Ste. 450
Midland, TX 79701

Date: July 22, 2014

Attention: Sarah Heger

Re: GMT Exploration Co, LLC
Well: Merchant Livestock 30 State 2H
Lea County, New Mexico

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

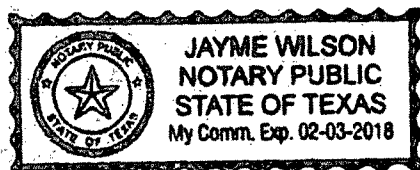
Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Jesus Hernandez	2H	1879 MD	6/10/2014	Measurement
MWD Supervisor		15972 MD	7/10/2014	While Drilling

A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Daniel Rodriguez
MWD Ops Coordinator

On this, the 22nd day of July, 2014, before me a notary public, the undersigned officer, personally appeared Daniel Rodriguez, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.

Notary Public

Merchant Livestock
30 State #2H
Lea Co., New Mexico

Plan Data for Merchant Livestock 30 State #2H

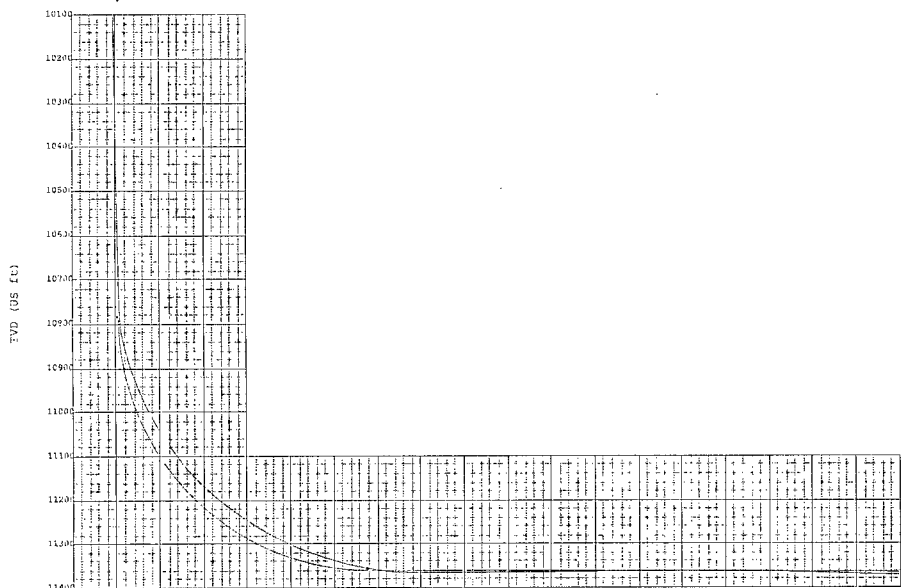
Site: Merchant Livestock 30 State #2H
Unit: USFeet TVD Reference:
Company Name: GMT Exploration Co., LLC
Position: Northing: 499519.30USft Latitude: 32°22'11.5"
Easting: 827085.30USft Longitude: -103°24'28.1"
North Reference: Grid Grid Convergence: 0.50"
Elevation Above VRD: 3550.00USft

Plan Data for Merchant Livestock 30 State #2H

Plan Point Information:
DogLeg Severity Unit: °/100.00ft Position offsets from Slot centre
MD Inc Az TVD N/S E/W Northing Easting VSec DLS
(USft) (°) (°) (USft) (USft) (USft) (USft) (USft) (PLSU)
1758.00 0.60 232.00 1757.93 -4.73 -13.73 499514.57 827071.57 4.64 0.24
1818.00 0.00 0.00 1817.93 -4.92 -13.97 499514.38 827071.33 4.83 1.00
10787.12 0.00 0.00 10787.05 -4.92 -13.97 499514.38 827071.33 4.83 0.00
11685.14 89.80 179.49 11360.00 -575.88 -8.89 498943.42 827076.41 575.81 10.00
16026.96 89.80 179.49 11375.00 -4917.50 79.80 494601.80 827115.10 4917.55 0.00

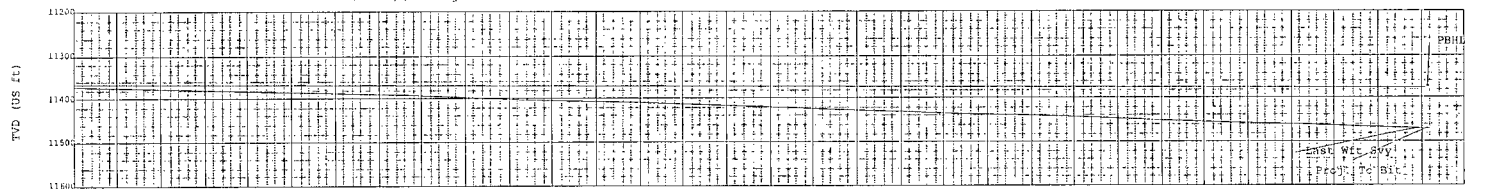
Plan Data for Merchant Livestock 30 State #2H

Target Set Information:
Name: Merchant Livestock 30 State #2H Target
Position offsets from Slot centre
Name TVD N/S E/W Northing Easting Shape Comment
(USft) (USft) (USft) (USft) (USft)
PBHL 11375.00 -4917.50 79.80 494601.80 827115.10 Cuboid



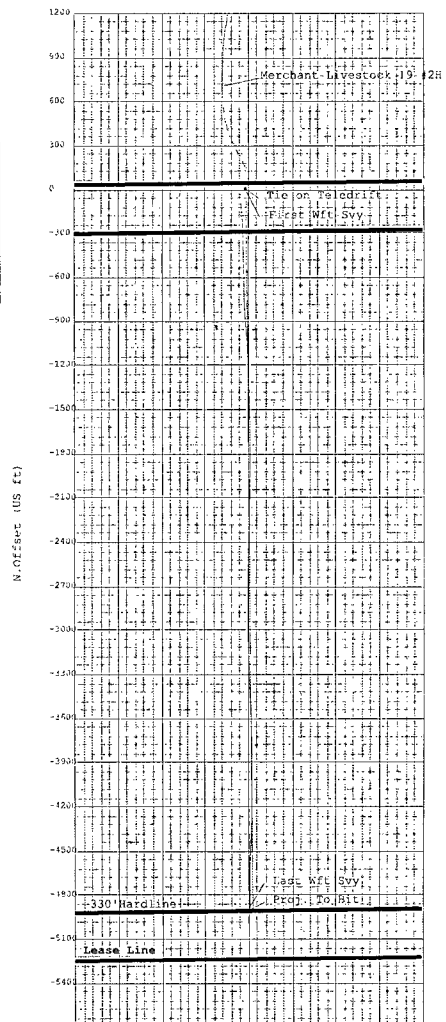
Side View
-100 0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800

VS (US ft) (Bearing:179.65° Scale:100USft/in)



Side View
1000 1300 2000 2100 2200 2300 2400 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900 4000 4100 4200 4300 4400 4500 4600 4700 4800 4900 5000

VS (US ft) (Bearing:179.65° Scale:100USft/in)



Top View
-1700 -500 -300 0 300 600 900 1200



Weatherford

Sign Off: Patrick Rudolph

Merchant Livestock 30 State #2H

Field Name	Map Units : US ft		Company Name : GMT Exploration Co., LLC	
GMT Exploration Lea Co., New Mexico (NAD 83 NME)	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD83 / New Mexico East (ftUS)			
	Comment :			
Site Name Merchant Livestock 30 State #2H	Units : US ft	North Reference : Grid	Convergence Angle : 0.50	
	Position	Northing : 499519.30 US ft	Latitude : 32° 22' 11.47"	
		Easting : 827085.30 US ft	Longitude : -103° 24' 28.13"	
	Elevation above Mean Sea Level: 3550.00 US ft			
Comment :				
Slot Name Merchant Livestock 30 State #2H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing : 499519.30 US ft	Latitude : 32° 22' 11.47"	
	+E / -W : 0.00 US ft	Easting : 827085.30 US ft	Longitude : -103° 24' 28.13"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3550.00 US ft				
Comment :				
Well Name Merchant Livestock 30 State #2H	Type : Main well		UWI :	
	Rig Height Drill Floor : 20.00 US ft		Comment :	
	Relative to Mean Sea Level: 3570.00 US ft			
	Closure Distance : 4916.15 US ft		Closure Azimuth : 179.884°	
	Vertical Section (Position of Origin Relative to Slot)			
+N / -S : 0.00 US ft +E / -W : 0.00 US ft Az : 179.65°				

Target Set	
Name : Merchant Livestock	Number of Targets : 1
30 State #2H Target	

Comment :

Target Name:	Position (Relative to Slot centre)		
PBHL	+N / -S : -4917.50 US ft	Northing : 494601.80 US ft	Latitude : 32° 21' 22.81"
	+E / -W : 29.80 US ft	Easting : 827115.10 US ft	Longitude : -103° 24' 28.28"
Shape:	TVD (Drill Floor) : 11375.00 US ft		
Cuboid	Orientation	Azimuth : 0.00°	Inclination : 0.00°
	Dimensions	Length : 0.00 US ft	Breadth : 0.00 US ft
			Height : 0.00 US ft

Survey Name : MWD Svy			
Date : 13/Jun/2014	Survey Tool : MWD	Comment :	Company : Wft
Magnetic Model			
Model Name: BGGM	Date: 15/Jun/2014	Field Strength: 48416.8 nT	Declination: 7.31° Dip: 60.27°

5D Survey Report

Survey Name :MWD Svy**Magnetic Model****Tie Point****MD: 1758 Inclination: 0.6 Azimuth: 232 TVD: 1757.93 North Offset: -4.7267 East Offset: -13.7267****Well path created using minimum curvature****Survey Points (Relative to Slot centre, TVD relative to Drill Floor)**

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (%/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
1879.00	0.79	234.06	1878.92	-5.61	-14.90	5.52	0.00	499513.69	827070.40	First Wft Svy
1911.00	0.84	238.67	1910.92	-5.86	-15.28	5.76	0.26	499513.44	827070.02	
1943.00	0.77	254.83	1942.91	-6.04	-15.69	5.94	0.74	499513.26	827069.61	
2039.00	0.49	248.50	2038.91	-6.36	-16.69	6.25	0.30	499512.94	827068.61	
2135.00	0.29	290.92	2134.91	-6.42	-17.30	6.31	0.35	499512.88	827068.00	
2230.00	0.14	265.45	2229.90	-6.34	-17.64	6.23	0.18	499512.96	827067.66	
2325.00	0.20	237.77	2324.90	-6.44	-17.90	6.33	0.11	499512.86	827067.40	
2421.00	0.35	268.73	2420.90	-6.54	-18.33	6.42	0.21	499512.76	827066.97	
2517.00	0.42	275.82	2516.90	-6.51	-18.98	6.39	0.09	499512.79	827066.32	
2613.00	0.44	236.40	2612.90	-6.67	-19.63	6.55	0.30	499512.63	827065.67	
2709.00	0.35	237.18	2708.90	-7.04	-20.19	6.91	0.09	499512.26	827065.11	
2805.00	0.49	233.19	2804.89	-7.44	-20.76	7.32	0.15	499511.86	827064.54	
2901.00	0.22	235.54	2900.89	-7.79	-21.24	7.66	0.28	499511.51	827064.06	
2997.00	0.29	210.29	2996.89	-8.11	-21.52	7.98	0.14	499511.19	827063.78	
3093.00	0.38	196.65	3092.89	-8.62	-21.73	8.49	0.12	499510.68	827063.57	
3189.00	0.22	222.60	3188.89	-9.06	-21.95	8.93	0.21	499510.24	827063.35	
3285.00	0.16	181.31	3284.89	-9.33	-22.07	9.20	0.15	499509.97	827063.23	
3381.00	0.20	176.60	3380.89	-9.63	-22.07	9.50	0.04	499509.67	827063.23	
3477.00	0.14	224.15	3476.89	-9.88	-22.14	9.75	0.15	499509.42	827063.16	
3573.00	0.10	331.78	3572.89	-9.90	-22.26	9.76	0.20	499509.40	827063.04	
3669.00	0.30	49.54	3668.89	-9.66	-22.11	9.52	0.31	499509.64	827063.19	
3765.00	0.47	39.57	3764.88	-9.19	-21.67	9.06	0.19	499510.11	827063.63	
3861.00	0.60	41.91	3860.88	-8.51	-21.08	8.39	0.14	499510.79	827064.22	
3957.00	0.49	35.94	3956.88	-7.81	-20.50	7.68	0.13	499511.49	827064.80	
4053.00	0.71	68.04	4052.87	-7.25	-19.71	7.13	0.41	499512.05	827065.59	
4149.00	1.04	76.60	4148.86	-6.83	-18.31	6.72	0.37	499512.47	827066.99	
4245.00	0.92	65.22	4244.85	-6.30	-16.76	6.20	0.24	499513.00	827068.54	
4341.00	0.77	76.25	4340.83	-5.83	-15.44	5.73	0.23	499513.47	827069.86	
4437.00	0.80	75.89	4436.83	-5.51	-14.16	5.42	0.03	499513.79	827071.14	
4533.00	0.64	75.76	4532.82	-5.22	-12.99	5.14	0.17	499514.08	827072.31	
4629.00	0.64	67.94	4628.81	-4.88	-11.98	4.81	0.09	499514.42	827073.32	
4725.00	0.56	72.88	4724.81	-4.54	-11.03	4.48	0.10	499514.76	827074.27	
4821.00	0.25	63.71	4820.80	-4.31	-10.39	4.25	0.33	499514.99	827074.91	
5468.00	0.25	55.93	5467.80	-2.90	-7.96	2.85	0.01	499516.40	827077.34	
5596.00	0.49	48.72	5595.80	-2.38	-7.32	2.33	0.19	499516.92	827077.98	
5692.00	0.38	38.18	5691.79	-1.86	-6.81	1.82	0.14	499517.44	827078.49	
5788.00	0.22	34.97	5787.79	-1.46	-6.51	1.42	0.17	499517.84	827078.79	
5884.00	0.43	80.29	5883.79	-1.24	-6.05	1.21	0.33	499518.06	827079.25	
5980.00	0.49	62.69	5979.79	-1.00	-5.33	0.96	0.16	499518.30	827079.97	
6077.00	0.36	76.45	6076.78	-0.73	-4.66	0.70	0.17	499518.57	827080.64	
6172.00	0.58	54.66	6171.78	-0.39	-3.98	0.36	0.29	499518.91	827081.32	
6268.00	0.44	52.04	6267.78	0.12	-3.29	-0.14	0.15	499519.42	827082.01	
6365.00	0.35	32.85	6364.77	0.60	-2.84	-0.62	0.16	499519.90	827082.46	
6461.00	0.60	31.05	6460.77	1.28	-2.42	-1.29	0.26	499520.58	827082.88	
6557.00	0.45	23.41	6556.77	2.05	-2.01	-2.07	0.17	499521.35	827083.29	
6653.00	0.42	43.88	6652.76	2.65	-1.62	-2.66	0.16	499521.95	827083.68	
6749.00	0.64	28.37	6748.76	3.38	-1.12	-3.39	0.27	499522.68	827084.18	
6845.00	0.47	23.92	6844.76	4.21	-0.71	-4.21	0.18	499523.51	827084.59	
6941.00	0.60	40.64	6940.75	4.95	-0.22	-4.95	0.21	499524.25	827085.08	
7036.00	0.51	60.19	7035.75	5.54	0.47	-5.54	0.22	499524.84	827085.77	
7131.00	0.36	37.45	7130.74	5.99	1.02	-5.98	0.24	499525.29	827086.32	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)										
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (%/100 US ft)	Northing (US ft)	Easting (US ft)	Comment
7226.00	0.10	46.10	7225.74	6.28	1.26	-6.27	0.28	499525.58	827086.56	
7321.00	0.16	0.36	7320.74	6.47	1.32	-6.46	0.12	499525.77	827086.62	
7415.00	0.07	26.09	7414.74	6.65	1.35	-6.65	0.11	499525.95	827086.65	
7511.00	0.16	307.50	7510.74	6.79	1.27	-6.78	0.17	499526.09	827086.57	
7605.00	0.44	317.10	7604.74	7.13	0.92	-7.13	0.30	499526.43	827086.22	
7700.00	0.38	281.26	7699.74	7.46	0.36	-7.46	0.27	499526.76	827085.66	
7795.00	0.42	293.21	7794.74	7.66	-0.27	-7.66	0.10	499526.96	827085.03	
7890.00	0.49	316.58	7889.73	8.09	-0.87	-8.10	0.21	499527.39	827084.43	
7985.00	0.53	284.30	7984.73	8.50	-1.57	-8.51	0.30	499527.80	827083.73	
8080.00	0.55	287.31	8079.73	8.74	-2.43	-8.75	0.04	499528.04	827082.87	
8176.00	0.69	299.13	8175.72	9.16	-3.38	-9.18	0.20	499528.46	827081.92	
8270.00	0.58	284.08	8269.72	9.55	-4.33	-9.58	0.21	499528.85	827080.97	
8365.00	0.64	284.12	8364.71	9.80	-5.32	-9.83	0.06	499529.10	827079.98	
8460.00	0.38	297.98	8459.71	10.07	-6.11	-10.11	0.30	499529.37	827079.19	
8555.00	0.56	280.38	8554.70	10.31	-6.84	-10.35	0.24	499529.61	827078.46	
8650.00	0.44	263.42	8649.70	10.35	-7.66	-10.39	0.20	499529.65	827077.64	
8745.00	0.51	262.63	8744.70	10.25	-8.44	-10.30	0.07	499529.55	827076.86	
8840.00	0.29	284.69	8839.69	10.26	-9.10	-10.31	0.28	499529.56	827076.20	
8935.00	0.31	303.02	8934.69	10.46	-9.54	-10.52	0.10	499529.76	827075.76	
9029.00	0.98	284.89	9028.69	10.80	-10.53	-10.87	0.74	499530.10	827074.77	
9124.00	1.19	285.03	9123.67	11.27	-12.27	-11.34	0.22	499530.57	827073.03	
9220.00	1.34	280.58	9219.65	11.73	-14.34	-11.82	0.19	499531.03	827070.96	
9314.00	1.51	270.88	9313.62	11.95	-16.66	-12.06	0.31	499531.25	827068.64	
9409.00	1.59	265.72	9408.58	11.87	-19.22	-11.99	0.17	499531.17	827066.08	
9504.00	1.83	271.40	9503.54	11.81	-22.05	-11.95	0.31	499531.11	827063.25	
9599.00	1.86	263.42	9598.49	11.67	-25.10	-11.83	0.27	499530.97	827060.20	
9694.00	2.21	255.64	9693.43	11.04	-28.41	-11.22	0.47	499530.34	827056.89	
9789.00	2.04	251.78	9788.37	10.06	-31.79	-10.25	0.23	499529.36	827053.51	
9884.00	1.85	253.65	9883.31	9.10	-34.87	-9.31	0.21	499528.40	827050.43	
9979.00	1.97	252.84	9978.26	8.19	-37.90	-8.42	0.13	499527.49	827047.40	
10074.00	1.94	247.92	10073.20	7.10	-40.95	-7.35	0.18	499526.40	827044.35	
10169.00	1.89	235.53	10168.15	5.61	-43.73	-5.88	0.44	499524.91	827041.57	
10264.00	1.65	232.70	10263.10	3.89	-46.11	-4.17	0.27	499523.19	827039.19	
10359.00	1.51	224.22	10358.07	2.17	-48.07	-2.46	0.29	499521.47	827037.23	
10453.00	1.38	212.68	10452.04	0.33	-49.54	-0.63	0.34	499519.63	827035.76	
10548.00	1.34	206.01	10547.01	-1.63	-50.65	1.32	0.17	499517.67	827034.65	
10643.00	1.07	209.90	10641.99	-3.40	-51.58	3.09	0.30	499515.90	827033.72	
10738.00	1.59	226.03	10736.97	-5.09	-52.97	4.76	0.67	499514.21	827032.33	
10801.00	5.85	194.28	10799.82	-8.81	-54.39	8.47	7.26	499510.49	827030.91	
10833.00	10.85	185.14	10831.47	-13.39	-55.06	13.05	16.12	499505.91	827030.24	
10865.00	15.47	181.30	10862.63	-20.66	-55.43	20.32	14.69	499498.64	827029.87	
10896.00	18.29	180.69	10892.29	-29.66	-55.58	29.32	9.11	499489.64	827029.72	
10928.00	20.28	179.50	10922.49	-40.23	-55.59	39.89	6.34	499479.07	827029.71	
10960.00	22.58	177.98	10952.28	-51.91	-55.33	51.57	7.39	499467.39	827029.97	
10991.00	25.43	175.86	10980.59	-64.50	-54.64	64.17	9.60	499454.80	827030.66	
11023.00	28.76	175.02	11009.08	-79.03	-53.47	78.70	10.47	499440.27	827031.83	
11055.00	31.65	174.53	11036.73	-95.06	-52.01	94.74	9.06	499424.24	827033.29	
11086.00	33.91	174.34	11062.79	-111.76	-50.38	111.45	7.30	499407.54	827034.92	
11118.00	36.03	174.80	11089.01	-130.02	-48.64	129.72	6.68	499389.28	827036.66	
11149.00	39.08	173.96	11113.59	-148.82	-46.79	148.53	9.98	499370.48	827038.51	
11181.00	42.06	174.11	11137.89	-169.52	-44.63	169.24	9.32	499349.78	827040.67	
11213.00	45.63	175.71	11160.97	-191.59	-42.67	191.33	11.68	499327.71	827042.63	
11244.00	48.82	176.78	11182.02	-214.30	-41.19	214.04	10.60	499305.00	827044.11	
11276.00	51.31	176.86	11202.56	-238.79	-39.83	238.54	7.78	499280.51	827045.47	
11308.00	53.23	177.15	11222.14	-264.07	-38.50	263.83	6.04	499255.23	827046.80	
11339.00	55.44	176.73	11240.21	-289.21	-37.16	288.98	7.21	499230.09	827048.14	
11371.00	57.89	177.82	11257.80	-315.92	-35.89	315.69	8.17	499203.38	827049.41	
11403.00	61.05	178.15	11274.05	-343.46	-34.92	343.24	9.91	499175.84	827050.38	
11434.00	63.85	178.06	11288.39	-370.93	-34.01	370.71	9.04	499148.37	827051.29	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)										Comment
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N Offset (US ft)	E Offset (US ft)	VS (US ft)	DLS (%/100 US ft)	Northing (US ft)	Easting (US ft)	
11466.00	66.38	178.43	11301.85	-399.94	-33.13	399.73	7.98	499119.36	827052.17	
11498.00	68.69	178.23	11314.08	-429.50	-32.26	429.29	7.24	499089.80	827053.04	
11529.00	70.51	178.55	11324.88	-458.54	-31.45	458.34	5.95	499060.76	827053.85	
11561.00	73.09	178.58	11334.88	-488.93	-30.69	488.73	8.06	499030.37	827054.61	
11592.00	75.42	179.18	11343.29	-518.75	-30.10	518.56	7.74	499000.55	827055.20	
11624.00	78.03	178.62	11350.64	-549.89	-29.51	549.70	8.33	498969.41	827055.79	
11655.00	80.45	178.86	11356.42	-580.34	-28.84	580.15	7.84	498938.96	827056.46	
11687.00	83.20	179.46	11360.97	-612.00	-28.37	611.82	8.79	498907.30	827056.93	
11719.00	86.57	179.64	11363.82	-643.87	-28.12	643.69	10.55	498875.43	827057.18	
11751.00	89.30	179.99	11364.98	-675.85	-28.02	675.66	8.60	498843.45	827057.28	
11849.00	90.00	177.91	11365.58	-773.82	-26.22	773.65	2.24	498745.48	827059.08	
11942.00	90.68	176.21	11365.02	-866.70	-21.45	866.55	1.97	498652.60	827063.85	
12037.00	90.37	175.28	11364.15	-961.43	-14.41	961.32	1.03	498557.87	827070.89	
12131.00	90.35	176.41	11363.56	-1055.18	-7.60	1055.11	1.20	498464.12	827077.70	
12227.00	90.18	177.47	11363.12	-1151.04	-2.47	1151.00	1.12	498368.26	827082.83	
12322.00	90.86	178.28	11362.26	-1245.97	1.05	1245.95	1.11	498273.33	827086.35	
12415.00	90.31	177.44	11361.31	-1338.90	4.52	1338.90	1.08	498180.40	827089.82	
12510.00	89.20	178.06	11361.71	-1433.82	8.25	1433.84	1.34	498085.48	827093.55	
12604.00	88.64	178.84	11363.49	-1527.77	10.80	1527.81	1.02	497991.53	827096.10	
12699.00	88.40	179.66	11365.94	-1622.73	12.04	1622.77	0.90	497896.57	827097.34	
12794.00	88.33	180.05	11368.65	-1717.69	12.28	1717.73	0.42	497801.61	827097.58	
12887.00	88.52	180.32	11371.21	-1810.65	11.98	1810.69	0.35	497708.65	827097.28	
12981.00	88.52	180.21	11373.63	-1904.62	11.54	1904.66	0.12	497614.68	827096.84	
13074.00	88.64	180.51	11375.94	-1997.59	10.96	1997.62	0.35	497521.71	827096.26	
13170.00	88.21	181.53	11378.58	-2093.54	9.25	2093.56	1.15	497425.76	827094.55	
13262.00	88.50	182.05	11381.22	-2185.45	6.38	2185.45	0.65	497333.85	827091.68	
13357.00	88.77	181.96	11383.48	-2280.37	3.06	2280.35	0.30	497238.93	827088.36	
13453.00	88.76	181.35	11385.55	-2376.31	0.28	2376.26	0.64	497142.99	827085.58	
13547.00	88.70	180.16	11387.63	-2470.27	-0.95	2470.22	1.27	497049.03	827084.35	
13642.00	88.21	179.18	11390.20	-2565.24	-0.41	2565.19	1.15	496954.06	827084.89	
13737.00	87.16	179.47	11394.03	-2660.15	0.71	2660.11	1.15	496859.15	827086.01	
13831.00	88.34	179.97	11397.72	-2754.07	1.17	2754.03	1.36	496765.23	827086.47	
13926.00	87.71	179.93	11401.00	-2849.02	1.25	2848.97	0.66	496670.28	827086.55	
14021.00	89.07	180.01	11403.67	-2943.98	1.30	2943.93	1.43	496575.32	827086.60	
14115.00	88.59	179.76	11405.59	-3037.96	1.49	3037.91	0.58	496481.34	827086.79	
14209.00	88.06	178.88	11408.33	-3131.91	2.61	3131.87	1.09	496387.39	827087.91	
14304.00	87.97	178.05	11411.62	-3226.82	5.15	3226.79	0.88	496292.48	827090.45	
14399.00	87.72	178.25	11415.20	-3321.70	8.21	3321.69	0.34	496197.60	827093.51	
14493.00	87.65	177.62	11418.99	-3415.56	11.60	3415.57	0.67	496103.74	827096.90	
14587.00	87.84	178.28	11422.69	-3509.43	14.96	3509.46	0.73	496009.87	827100.26	
14682.00	88.27	178.10	11425.92	-3604.33	17.96	3604.37	0.49	495914.97	827103.26	
14776.00	87.90	177.44	11429.06	-3698.20	21.61	3698.27	0.80	495821.10	827106.91	
14870.00	87.47	178.60	11432.85	-3792.07	24.86	3792.15	1.32	495727.23	827110.16	
14965.00	89.44	181.40	11435.42	-3887.02	24.86	3887.10	3.60	495632.28	827110.16	
15059.00	88.03	179.63	11437.49	-3980.99	24.01	3981.06	2.41	495538.31	827109.31	
15152.00	87.84	179.81	11440.84	-4073.93	24.47	4074.00	0.28	495445.37	827109.77	
15247.00	87.78	180.47	11444.47	-4168.85	24.23	4168.93	0.70	495350.45	827109.53	
15343.00	87.84	181.49	11448.14	-4264.77	22.59	4264.83	1.06	495254.53	827107.89	
15438.00	87.78	181.73	11451.77	-4359.66	19.93	4359.70	0.26	495159.64	827105.23	
15534.00	88.52	181.88	11454.87	-4455.56	16.90	4455.58	0.79	495063.74	827102.20	
15630.00	88.52	183.47	11457.35	-4551.42	12.43	4551.42	1.66	494967.88	827097.73	
15725.00	88.09	179.47	11460.16	-4646.33	9.99	4646.31	4.23	494872.97	827095.29	
15821.00	87.72	180.72	11463.67	-4742.27	9.83	4742.24	1.36	494777.03	827095.13	
15917.00	88.02	180.09	11467.24	-4838.20	9.15	4838.16	0.73	494681.10	827094.45	
15972.00	88.02	179.09	11469.14	-4893.16	9.55	4893.13	1.82	494626.14	827094.85	Last Wft Svy
15995.00	88.02	179.09	11469.93	-4916.14	9.91	4916.11	0.00	494603.16	827095.21	Proj. To Bit