

5D Survey Report

GMT Exploration Co., LLC

Field Name: *Lea Co., New Mexico (NAD 83 NME)*

Site Name: *Godfather State Com #2H*

Well Name: *Godfather State Com #2H*

Survey: *MWD Svys*

02 October 2014



Godfather State Com #2H

Field Name Lea Co., New Mexico (NAD 83 NME)	Map Units : US ft		Company Name : GMT Exploration Co., LLC	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD83 / New Mexico East (ftUS)			
	Comment :			
Site Name Godfather State Com #2H	Units : US ft	North Reference : Grid	Convergence Angle : 0.49	
	Position	Northing : 494187.60 US ft	Latitude : 32°21'19.20"	
		Easting : 821245.10 US ft	Longitude : -103°25'36.75"	
	Elevation above Mean Sea Level: 3429.00 US ft			
	Comment :			
Slot Name Godfather State Com #2H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing : 494187.60 US ft	Latitude : 32°21'19.20"	
	+E / -W : 0.00 US ft	Easting : 821245.10 US ft	Longitude : -103°25'36.75"	
	Slot TVD Reference : Ground Elevation			
	Elevation above Mean Sea Level : 3429.00 US ft			
	Comment :			
Well Name Godfather State Com #2H	Type : Main well	UWI :		
	Rig Height <i>Kelly Bushing</i> : 20.00 US ft	Comment :		
	Relative to Mean Sea Level: 3449.00 US ft			
	Closure Distance : 4907.23 US ft	Closure Azimuth : 179.648°		
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft	+E / -W : 0.00 US ft	Az : 179.64°	

Target Set

Name : Godfather State Com **Number of Targets :** 1

#2H

Comment :

Target Name: PBHL	Position (Relative to Slot centre)			
	+N / -S : -4917.30 US ft	Northing : 489270.30 US ft	Latitude : 32°20'30.55"	
	+E / -W : 31.00 US ft	Easting : 821276.10 US ft	Longitude : -103°25'36.87"	
Shape: Cuboid	TVD (Kelly Bushing) : 11394.00 US ft			
	Orientation	Azimuth : 179.64°	Inclination : 0.00°	
	Dimensions	Length : 8688.88 US ft	Breadth : 100.00 US ft	Height : 0.00 US ft

Survey Name : MWD Svys

Date : 08/Sep/2014 **Survey Tool :** MWD **Comment :** **Company :** Wft

Magnetic Model

Model Name: BGGM **Date:** 01/Oct/2014 **Field Strength:** 48369.1 nT **Declination:** 7.28° **Dip:** 60.25°

Tie Point

MD: 0 **Inclination:** 0 **Azimuth:** 0 **TVD:** 0 **North Offset:** 0 **East Offset:** 0

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Well path created using minimum curvature

Survey Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
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)	Survey Tool	Comment
0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	494187.60	821245.10	MWD	First Wft Svy
1838.00	0.16	44.89	1838.00	1.82	1.81	-1.81	0.01	494189.42	821246.91	MWD	
1934.00	0.25	9.36	1934.00	2.12	1.94	-2.11	0.16	494189.72	821247.04	MWD	
2030.00	0.29	24.31	2030.00	2.55	2.07	-2.53	0.08	494190.15	821247.17	MWD	
2126.00	0.45	41.05	2125.99	3.05	2.42	-3.04	0.20	494190.65	821247.52	MWD	
2222.00	0.49	34.49	2221.99	3.68	2.90	-3.66	0.07	494191.28	821248.00	MWD	
2318.00	0.56	38.64	2317.99	4.38	3.43	-4.36	0.08	494191.98	821248.53	MWD	
2413.00	0.55	34.83	2412.98	5.12	3.98	-5.09	0.04	494192.72	821249.08	MWD	
2509.00	0.70	43.99	2508.98	5.92	4.65	-5.89	0.19	494193.52	821249.75	MWD	
2605.00	0.63	52.53	2604.97	6.66	5.47	-6.63	0.13	494194.26	821250.57	MWD	
2701.00	0.64	58.90	2700.96	7.26	6.35	-7.22	0.07	494194.86	821251.45	MWD	
2797.00	0.70	56.26	2796.96	7.86	7.30	-7.82	0.07	494195.46	821252.40	MWD	
2894.00	0.60	52.77	2893.95	8.50	8.20	-8.45	0.11	494196.10	821253.30	MWD	
2990.00	0.56	60.37	2989.95	9.03	9.00	-8.98	0.09	494196.63	821254.10	MWD	
3085.00	0.56	47.33	3084.94	9.58	9.75	-9.52	0.13	494197.18	821254.85	MWD	
3181.00	0.63	54.56	3180.94	10.20	10.52	-10.14	0.11	494197.80	821255.62	MWD	
3277.00	0.47	52.88	3276.93	10.75	11.27	-10.67	0.17	494198.35	821256.37	MWD	
3373.00	0.66	56.63	3372.93	11.29	12.04	-11.21	0.20	494198.89	821257.14	MWD	
3468.00	0.91	71.82	3467.92	11.82	13.22	-11.74	0.34	494199.42	821258.32	MWD	
3564.00	1.02	66.27	3563.91	12.41	14.72	-12.31	0.15	494200.01	821259.82	MWD	
3660.00	0.47	84.48	3659.90	12.79	15.90	-12.69	0.62	494200.39	821261.00	MWD	
3756.00	0.43	89.38	3755.89	12.83	16.65	-12.72	0.06	494200.43	821261.75	MWD	
3852.00	0.73	72.03	3851.89	13.02	17.59	-12.91	0.36	494200.62	821262.69	MWD	
3948.00	0.84	88.96	3947.88	13.22	18.88	-13.10	0.27	494200.82	821263.98	MWD	
4044.00	0.64	96.50	4043.87	13.18	20.11	-13.05	0.23	494200.78	821265.21	MWD	
4139.00	0.38	87.08	4138.87	13.13	20.95	-13.00	0.29	494200.73	821266.05	MWD	
4235.00	0.29	97.18	4234.87	13.12	21.51	-12.98	0.11	494200.72	821266.61	MWD	
4331.00	0.14	136.20	4330.87	13.00	21.84	-12.86	0.21	494200.60	821266.94	MWD	
4427.00	0.10	124.56	4426.87	12.87	21.99	-12.73	0.05	494200.47	821267.09	MWD	
4523.00	0.07	309.22	4522.87	12.86	22.01	-12.72	0.18	494200.46	821267.11	MWD	
4620.00	0.10	274.38	4619.87	12.90	21.88	-12.77	0.06	494200.50	821266.98	MWD	
4715.00	0.07	229.99	4714.87	12.87	21.75	-12.74	0.07	494200.47	821266.85	MWD	
4811.00	0.07	91.25	4810.87	12.83	21.77	-12.70	0.14	494200.43	821266.87	MWD	
4907.00	0.07	18.61	4906.87	12.89	21.84	-12.75	0.09	494200.49	821266.94	MWD	
5002.00	0.21	73.95	5001.86	12.99	22.03	-12.85	0.19	494200.59	821267.13	MWD	
5046.00	0.07	97.24	5045.86	13.01	22.13	-12.87	0.34	494200.61	821267.23	MWD	
5174.00	0.07	145.46	5173.86	12.94	22.26	-12.80	0.04	494200.54	821267.36	MWD	
5206.00	0.21	250.89	5205.86	12.90	22.21	-12.76	0.74	494200.50	821267.31	MWD	
5300.00	0.21	241.77	5299.86	12.76	21.90	-12.62	0.04	494200.36	821267.00	MWD	
5395.00	0.16	304.18	5394.86	12.75	21.63	-12.62	0.21	494200.35	821266.73	MWD	
5492.00	0.20	189.85	5491.86	12.66	21.49	-12.53	0.31	494200.26	821266.59	MWD	
5588.00	0.00	0.00	5587.86	12.50	21.46	-12.36	0.21	494200.10	821266.56	MWD	
5684.00	0.29	223.22	5683.86	12.32	21.30	-12.19	0.30	494199.92	821266.40	MWD	
5780.00	0.36	193.41	5779.86	11.85	21.06	-11.72	0.19	494199.45	821266.16	MWD	
5876.00	0.14	238.54	5875.86	11.50	20.89	-11.37	0.29	494199.10	821265.99	MWD	
5972.00	0.14	270.47	5971.86	11.44	20.67	-11.31	0.08	494199.04	821265.77	MWD	
6068.00	0.07	37.03	6067.86	11.48	20.59	-11.35	0.20	494199.08	821265.69	MWD	
6164.00	0.16	141.80	6163.86	11.43	20.71	-11.30	0.20	494199.03	821265.81	MWD	
6260.00	0.22	190.90	6259.86	11.14	20.76	-11.01	0.17	494198.74	821265.86	MWD	
6356.00	0.16	257.39	6355.86	10.93	20.59	-10.80	0.22	494198.53	821265.69	MWD	
6452.00	0.16	229.67	6451.86	10.81	20.36	-10.68	0.08	494198.41	821265.46	MWD	
6548.00	0.10	236.33	6547.86	10.68	20.19	-10.55	0.06	494198.28	821265.29	MWD	
6644.00	0.07	193.70	6643.86	10.58	20.10	-10.45	0.07	494198.18	821265.20	MWD	
6740.00	0.43	279.09	6739.86	10.58	19.73	-10.45	0.45	494198.18	821264.83	MWD	
6836.00	0.45	300.99	6835.85	10.83	19.06	-10.71	0.18	494198.43	821264.16	MWD	
6932.00	0.36	262.86	6931.85	10.98	18.43	-10.87	0.29	494198.58	821263.53	MWD	

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Survey Points (Relative to Slot Centre, TVD relative to Kelly Bushing)											
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)	Survey Tool	Comment
7027.00	0.38	307.78	7026.85	11.14	17.89	-11.03	0.30	494198.74	821262.99	MWD	
7122.00	0.50	264.56	7121.85	11.29	17.23	-11.19	0.36	494198.89	821262.33	MWD	
7217.00	0.50	270.60	7216.84	11.26	16.40	-11.16	0.06	494198.86	821261.50	MWD	
7312.00	0.66	243.56	7311.84	11.02	15.49	-10.92	0.33	494198.62	821260.59	MWD	
7407.00	0.78	254.35	7406.83	10.60	14.38	-10.51	0.19	494198.20	821259.48	MWD	
7502.00	0.84	275.32	7501.82	10.49	13.07	-10.41	0.32	494198.09	821258.17	MWD	
7597.00	0.58	271.26	7596.82	10.57	11.89	-10.49	0.28	494198.17	821256.99	MWD	
7692.00	0.58	271.48	7691.81	10.59	10.93	-10.52	0.00	494198.19	821256.03	MWD	
7787.00	0.56	254.34	7786.81	10.48	10.00	-10.41	0.18	494198.08	821255.10	MWD	
7882.00	0.59	261.55	7881.80	10.28	9.07	-10.22	0.08	494197.88	821254.17	MWD	
7977.00	0.60	274.34	7976.80	10.25	8.09	-10.19	0.14	494197.85	821253.19	MWD	
8072.00	0.51	267.25	8071.79	10.26	7.17	-10.22	0.12	494197.86	821252.27	MWD	
8167.00	0.63	290.06	8166.79	10.42	6.26	-10.38	0.27	494198.02	821251.36	MWD	
8262.00	0.58	266.83	8261.78	10.57	5.29	-10.54	0.26	494198.17	821250.39	MWD	
8357.00	0.50	249.95	8356.78	10.41	4.42	-10.38	0.19	494198.01	821249.52	MWD	
8452.00	0.43	260.85	8451.77	10.21	3.68	-10.18	0.12	494197.81	821248.78	MWD	
8547.00	0.64	245.64	8546.77	9.93	2.84	-9.91	0.27	494197.53	821247.94	MWD	
8641.00	0.78	240.77	8640.76	9.40	1.81	-9.39	0.16	494197.00	821246.91	MWD	
8736.00	0.75	260.80	8735.76	8.99	0.63	-8.98	0.28	494196.59	821245.73	MWD	
8831.00	0.51	296.62	8830.75	9.08	-0.36	-9.08	0.47	494196.68	821244.74	MWD	
8926.00	0.98	297.82	8925.74	9.65	-1.46	-9.65	0.49	494197.25	821243.64	MWD	
9021.00	1.19	279.96	9020.72	10.20	-3.15	-10.21	0.42	494197.80	821241.95	MWD	
9116.00	0.85	293.81	9115.71	10.65	-4.77	-10.68	0.44	494198.25	821240.33	MWD	
9211.00	0.84	288.36	9210.70	11.15	-6.07	-11.19	0.09	494198.75	821239.03	MWD	
9305.00	0.91	274.01	9304.69	11.42	-7.47	-11.47	0.24	494199.02	821237.63	MWD	
9400.00	1.09	264.58	9399.67	11.39	-9.12	-11.45	0.26	494198.99	821235.98	MWD	
9495.00	1.29	248.31	9494.65	10.91	-11.01	-10.98	0.41	494198.51	821234.09	MWD	
9584.00	1.56	271.97	9583.63	10.58	-13.16	-10.66	0.72	494198.18	821231.94	MWD	
9685.00	0.85	277.20	9684.60	10.72	-15.27	-10.82	0.71	494198.32	821229.83	MWD	
9780.00	0.14	186.88	9779.60	10.70	-15.99	-10.80	0.91	494198.30	821229.11	MWD	
9875.00	0.49	255.78	9874.60	10.48	-16.39	-10.58	0.48	494198.08	821228.71	MWD	
9969.00	0.63	212.46	9968.59	9.95	-17.06	-10.05	0.46	494197.55	821228.04	MWD	
10064.00	0.78	240.91	10063.59	9.19	-17.91	-9.30	0.40	494196.79	821227.19	MWD	
10160.00	0.91	237.95	10159.58	8.47	-19.12	-8.59	0.14	494196.07	821225.98	MWD	
10254.00	0.75	236.04	10253.57	7.73	-20.27	-7.86	0.17	494195.33	821224.83	MWD	
10349.00	0.84	197.77	10348.56	6.72	-20.99	-6.85	0.56	494194.32	821224.11	MWD	
10444.00	1.16	152.48	10443.55	5.20	-20.76	-5.33	0.87	494192.80	821224.34	MWD	
10539.00	1.09	154.73	10538.53	3.53	-19.93	-3.66	0.09	494191.13	821225.17	MWD	
10634.00	0.84	134.09	10633.51	2.23	-19.05	-2.35	0.45	494189.83	821226.05	MWD	
10698.00	1.35	119.39	10697.50	1.53	-18.05	-1.65	0.90	494189.13	821227.05	MWD	
10730.00	1.39	106.61	10729.49	1.24	-17.35	-1.35	0.96	494188.84	821227.75	MWD	
10762.00	2.50	136.31	10761.48	0.62	-16.50	-0.73	4.58	494188.22	821228.60	MWD	
10793.00	5.07	159.13	10792.41	-1.15	-15.54	1.05	9.45	494186.45	821229.56	MWD	
10825.00	7.99	165.23	10824.20	-4.62	-14.47	4.53	9.37	494182.98	821230.63	MWD	
10856.00	11.23	167.39	10854.76	-9.65	-13.26	9.57	10.51	494177.95	821231.84	MWD	
10888.00	14.50	171.01	10885.95	-16.65	-11.96	16.57	10.52	494170.95	821233.14	MWD	
10920.00	17.49	172.59	10916.71	-25.38	-10.71	25.31	9.44	494162.22	821234.39	MWD	
10951.00	20.33	173.53	10946.03	-35.35	-9.50	35.29	9.21	494152.25	821235.60	MWD	
10983.00	24.01	175.12	10975.66	-47.36	-8.32	47.31	11.65	494140.24	821236.78	MWD	
11015.00	26.29	175.46	11004.63	-60.92	-7.21	60.87	7.14	494126.68	821237.89	MWD	
11046.00	28.13	176.36	11032.19	-75.05	-6.20	75.01	6.08	494112.55	821238.90	MWD	
11078.00	30.12	177.48	11060.15	-90.61	-5.37	90.57	6.45	494096.99	821239.73	MWD	
11109.00	32.53	178.13	11086.63	-106.71	-4.75	106.68	7.85	494080.89	821240.35	MWD	
11141.00	35.15	179.53	11113.20	-124.52	-4.40	124.49	8.54	494063.08	821240.70	MWD	
11173.00	37.11	179.75	11139.05	-143.39	-4.28	143.36	6.14	494044.21	821240.82	MWD	
11204.00	39.38	179.57	11163.39	-162.58	-4.17	162.55	7.33	494025.02	821240.93	MWD	
11236.00	41.93	178.72	11187.67	-183.42	-3.85	183.39	8.15	494004.18	821241.25	MWD	
11267.00	44.60	178.67	11210.24	-204.66	-3.37	204.63	8.61	493982.94	821241.73	MWD	

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Survey Points (Relative to Slot Centre, TVD relative to Kelly Bushing)											
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11299.00	47.64	179.08	11232.42	-227.72	-2.92	227.70	9.54	493959.88	821242.18	MWD	
11331.00	50.26	180.56	11253.43	-251.85	-2.85	251.82	8.90	493935.75	821242.25	MWD	
11362.00	52.73	181.19	11272.73	-276.10	-3.22	276.08	8.12	493911.50	821241.88	MWD	
11394.00	55.78	181.42	11291.42	-302.06	-3.81	302.03	9.55	493885.54	821241.29	MWD	
11426.00	59.86	181.01	11308.46	-329.14	-4.38	329.10	12.80	493858.46	821240.72	MWD	
11457.00	63.24	179.89	11323.23	-356.39	-4.59	356.35	11.36	493831.21	821240.51	MWD	
11489.00	67.53	178.78	11336.55	-385.47	-4.25	385.43	13.77	493802.13	821240.85	MWD	
11521.00	71.78	177.83	11347.68	-415.45	-3.36	415.42	13.57	493772.15	821241.74	MWD	
11552.00	76.59	176.51	11356.12	-445.23	-1.88	445.21	16.05	493742.37	821243.22	MWD	
11584.00	79.31	175.66	11362.80	-476.45	0.25	476.44	8.89	493711.15	821245.35	MWD	
11616.00	81.45	175.77	11368.15	-507.91	2.61	507.92	6.70	493679.69	821247.71	MWD	
11647.00	83.12	175.92	11372.31	-538.55	4.84	538.57	5.41	493649.05	821249.94	MWD	
11679.00	84.26	175.91	11375.83	-570.27	7.10	570.31	3.56	493617.33	821252.20	MWD	
11710.00	85.45	176.36	11378.61	-601.08	9.18	601.12	4.10	493586.52	821254.28	MWD	
11742.00	87.48	176.78	11380.58	-632.96	11.09	633.02	6.48	493554.64	821256.19	MWD	
11774.00	88.95	176.85	11381.58	-664.89	12.87	664.96	4.60	493522.71	821257.97	MWD	
11844.00	89.94	176.74	11382.26	-734.78	16.78	734.87	1.42	493452.82	821261.88	MWD	
11938.00	90.06	179.38	11382.26	-828.72	19.97	828.83	2.81	493358.88	821265.07	MWD	
12032.00	90.09	179.91	11382.13	-922.71	20.55	922.83	0.56	493264.89	821265.65	MWD	
12124.00	90.31	179.95	11381.81	-1014.71	20.66	1014.82	0.24	493172.89	821265.76	MWD	
12218.00	90.31	179.13	11381.30	-1108.71	21.42	1108.82	0.87	493078.89	821266.52	MWD	
12314.00	90.12	178.57	11380.94	-1204.69	23.34	1204.81	0.62	492982.91	821268.44	MWD	
12408.00	90.31	178.17	11380.59	-1298.65	26.02	1298.79	0.47	492888.95	821271.12	MWD	
12501.00	89.69	179.43	11380.59	-1391.63	27.96	1391.77	1.51	492795.97	821273.06	MWD	
12596.00	89.57	181.43	11381.20	-1486.62	27.25	1486.76	2.11	492700.98	821272.35	MWD	
12690.00	89.69	179.25	11381.81	-1580.61	26.69	1580.74	2.32	492606.99	821271.79	MWD	
12785.00	89.57	178.03	11382.42	-1675.58	28.95	1675.73	1.29	492512.02	821274.05	MWD	
12880.00	89.63	180.42	11383.09	-1770.56	30.23	1770.71	2.52	492417.04	821275.33	MWD	
12975.00	89.75	181.54	11383.60	-1865.54	28.61	1865.69	1.19	492322.06	821273.71	MWD	
13068.00	89.69	181.11	11384.06	-1958.52	26.46	1958.64	0.47	492229.08	821271.56	MWD	
13163.00	89.81	181.16	11384.47	-2053.50	24.58	2053.61	0.14	492134.10	821269.68	MWD	
13257.00	89.75	181.50	11384.83	-2147.47	22.39	2147.57	0.37	492040.13	821267.49	MWD	
13351.00	89.57	180.02	11385.39	-2241.46	21.15	2241.55	1.59	491946.14	821266.25	MWD	
13445.00	89.63	178.82	11386.05	-2335.45	22.10	2335.54	1.28	491852.15	821267.20	MWD	
13539.00	89.94	179.24	11386.40	-2429.43	23.69	2429.54	0.56	491758.17	821268.79	MWD	
13634.00	89.63	179.48	11386.75	-2524.43	24.75	2524.53	0.41	491663.17	821269.85	MWD	
13728.00	89.69	180.08	11387.31	-2618.42	25.11	2618.53	0.64	491569.18	821270.21	MWD	
13821.00	89.65	180.44	11387.85	-2711.42	24.69	2711.52	0.39	491476.18	821269.79	MWD	
13914.00	89.81	181.02	11388.29	-2804.41	23.51	2804.51	0.65	491383.19	821268.61	MWD	
14009.00	90.00	179.39	11388.44	-2899.41	23.17	2899.50	1.73	491288.19	821268.27	MWD	
14104.00	89.82	179.03	11388.59	-2994.40	24.48	2994.49	0.42	491193.20	821269.58	MWD	
14199.00	89.65	179.91	11389.03	-3089.39	25.35	3089.49	0.94	491098.21	821270.45	MWD	
14294.00	89.69	179.79	11389.58	-3184.39	25.60	3184.49	0.13	491003.21	821270.70	MWD	
14388.00	89.82	179.56	11389.98	-3278.39	26.14	3278.49	0.28	490909.21	821271.24	MWD	
14482.00	89.91	179.74	11390.20	-3372.39	26.71	3372.49	0.21	490815.21	821271.81	MWD	
14577.00	90.18	179.56	11390.13	-3467.39	27.29	3467.49	0.34	490720.21	821272.39	MWD	
14671.00	89.74	179.56	11390.19	-3561.38	28.01	3561.49	0.47	490626.22	821273.11	MWD	
14765.00	90.12	180.60	11390.31	-3655.38	27.88	3655.48	1.18	490532.22	821272.98	MWD	
14860.00	90.06	181.29	11390.16	-3750.37	26.31	3750.46	0.73	490437.23	821271.41	MWD	
14955.00	90.00	179.84	11390.11	-3845.36	25.38	3845.44	1.53	490342.24	821270.48	MWD	
15050.00	89.32	178.21	11390.67	-3940.34	26.99	3940.43	1.86	490247.26	821272.09	MWD	
15146.00	89.63	177.80	11391.55	-4036.28	30.34	4036.39	0.54	490151.32	821275.44	MWD	
15242.00	89.44	179.63	11392.33	-4132.25	32.49	4132.37	1.92	490055.35	821277.59	MWD	
15337.00	90.09	180.44	11392.72	-4227.24	32.43	4227.36	1.09	489960.36	821277.53	MWD	
15433.00	89.82	178.50	11392.80	-4323.24	33.32	4323.36	2.04	489864.36	821278.42	MWD	
15529.00	90.00	179.58	11392.95	-4419.22	34.93	4419.35	1.14	489768.38	821280.03	MWD	
15625.00	89.63	179.77	11393.26	-4515.22	35.47	4515.35	0.43	489672.38	821280.57	MWD	
15720.00	89.81	180.26	11393.72	-4610.22	35.45	4610.35	0.55	489577.38	821280.55	MWD	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
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)	Survey Tool	Comment
15816.00	89.51	180.34	11394.29	-4706.21	34.94	4706.34	0.32	489481.39	821280.04	MWD	
15912.00	89.20	181.51	11395.37	-4802.19	33.39	4802.31	1.26	489385.41	821278.49	MWD	
15994.00	89.51	181.97	11396.30	-4884.15	30.90	4884.25	0.68	489303.45	821276.00	MWD	Last Wft Svy
16017.00	89.51	181.97	11396.49	-4907.14	30.11	4907.23	0.00	489280.46	821275.21	MWD	Projection