



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

Devon Energy
333 W. Sheridan Ave
Oklahoma City, OK, 73102

Date: June 12, 2017

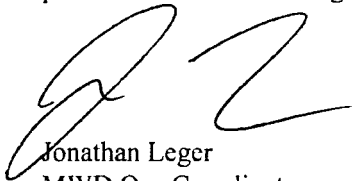
Attention: Garrett Glaze

Re: Devon Energy
Well: Tomb Raider 1-12 Fed 61H
Eddy 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:

<u>Name & Title Of Surveyor</u>	<u>Well Number</u>	<u>Surveyed Depths</u>	<u>Dates Performed</u>	<u>Type of Survey</u>
Michael Lord MWD Supervisor	61H	150' MD 20,152' MD	05/22/2017 06/11/2017	Measurement 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.

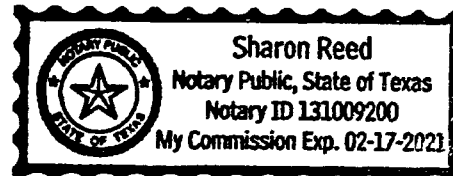


Jonathan Leger
MWD Ops Coordinator

On this, the 14 day of June, 2017, before me a notary public, the undersigned officer, personally appeared Jonathan Leger, 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



DEC 05 2017

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devon

5D Survey Report

Devon Energy

Field Name: *Eddy Co, NM (Nad 83 NME)*
Site Name: *Tomb Raider 1-12 Fed 61H, 62H*
Well Name: *Tomb Raider 1-12 Fed 61H*
Survey: *Definitive survey*

12 June 2017





Tomb Raider 1-12 Fed 61H

Field Name:	Map Units: US ft		Company Name: Devon Energy	
Eddy Co, NM (Nad 83 NME)	Vertical Reference Datum (VRD): Mean Sea Level			
	Projected Coordinate System: NAD83 / New Mexico East (ftUS)			
	Comment:			
Site:	Units: US ft	North Reference: Grid	Convergence Angle: 0.32	
Tomb Raider 1-12 Fed 61H, 62H	Elevation above MSL: 3453.90 US ft			
	Comment:			
Slot:				
Tomb Raider 1-12 Fed 61H	Slot TVD Reference: Ground Elevation			
	Elevation above MSL: 3453.90 US ft			
	Comment:			
Well:	Type: Main well	UWI:		
Tomb Raider 1-12 Fed 61H	File Number:	Comment:		
	Closure Distance: 10151.30 US ft	Closure Azimuth: 183.35°		
	Vertical Section: Position of Origin (Relative to Slot centre)			
	+N/-S: 0.00 US ft	+E/-W: -0.00 US ft	Az: 179.98°	

Drill floor: Survey Name: Definitive Survey			
Rig Height (Drill Floor): 23.50 US ft	Elevation above MSL: 3477.40 US ft	Inclination: 0.00°	Azimuth: 0.00°

Survey Name: Definitive Survey			
Date: 09/Feb/2017	Survey Tool: See Survey Tool Ranges below.	Comment:	Company:

Magnetic Model:				
Model Name: bggm2017	Date: 22/May/2017	Field Strength: 48082.7 nT	Declination: 7.10°	Dip: 60.13°

Tie Point:					
MD: 0.00 US ft	Inclination: 0.00°	Azimuth: 0.00°	TVD: -0.00 US ft	North Offset: 0.00 US ft	East Offset: -0.00 US ft

Survey Tool Ranges:			
Name	Start MD(USFt)	End MD(USFt)	Source Survey
MWD	0.00	727.00	WFT MWD Svy 1
MWD	727.00	5954.00	WFT MWD Svy 2
MWD	5954.00	9649.00	WFT MWD Svy 3
MWD	9649.00	10465.00	WFT MWD Svy 4

SD Survey Report

Survey Tool Ranges:

Name	Start MD(USFt)	End MD(USFt)	Source Survey
MWD	10465.00	18489.00	WFT MWD Svy 5
MWD	18489.00	20224.00	WFT MWD Svy 6

Casing 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)	Northing (US ft)	Easting (US ft)	Name
790.00	0.73	108.79	789.96	-0.91	6.93	488000.32	725882.80	13 3/8 in
6000.00	0.29	251.54	5999.80	-0.61	10.30	488000.62	725886.17	9 5/8 in

Wellpath 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)	DIS (100US ft)	Northing (US ft)	Easting (US ft)	Comment
0.00	0.00	0.00	-0.00	0.00	-0.00	-0.00	0.00	488001.23	725875.87	
150.00	0.51	96.42	150.00	-0.07	0.66	0.07	0.34	488001.16	725876.53	First WFT MWD Survey
243.00	0.80	59.86	242.99	0.21	1.64	-0.20	0.53	488001.44	725877.51	
337.00	0.53	98.56	336.99	0.47	2.63	-0.47	0.54	488001.70	725878.50	
432.00	0.45	97.77	431.98	0.35	3.44	-0.35	0.08	488001.58	725879.31	
524.00	0.51	102.32	523.98	0.22	4.20	-0.22	0.08	488001.45	725880.07	
618.00	0.64	115.45	617.97	-0.10	5.08	0.10	0.20	488001.13	725880.95	
709.00	0.71	119.33	708.97	-0.59	6.03	0.59	0.09	488000.64	725881.90	
727.00	0.63	108.08	726.97	-0.68	6.22	0.68	0.85	488000.55	725882.09	
862.00	0.84	109.40	861.96	-1.24	7.86	1.24	0.16	487999.99	725883.73	
892.00	0.78	104.96	891.95	-1.36	8.26	1.36	0.29	487999.87	725884.13	
986.00	0.75	110.17	985.94	-1.74	9.46	1.74	0.08	487999.49	725885.33	
1077.00	0.70	96.08	1076.94	-2.00	10.57	2.01	0.20	487999.23	725886.44	
1168.00	0.25	34.84	1167.93	-1.90	11.24	1.90	0.68	487999.33	725887.11	
1350.00	0.16	359.07	1349.93	-1.32	11.46	1.32	0.08	487999.91	725887.33	
1441.00	0.16	297.00	1440.93	-1.13	11.34	1.14	0.18	488000.10	725887.21	
1535.00	0.16	342.59	1534.93	-0.95	11.19	0.95	0.13	488000.28	725887.06	
1719.00	0.16	4.00	1718.93	-0.45	11.13	0.45	0.03	488000.78	725887.00	
1909.00	0.22	9.72	1908.93	0.18	11.21	-0.17	0.03	488001.41	725887.08	
2098.00	0.35	334.82	2097.93	1.06	11.03	-1.05	0.11	488002.29	725886.90	
2287.00	0.38	319.09	2286.93	2.05	10.37	-2.05	0.06	488003.28	725886.24	
2476.00	0.30	320.73	2475.92	2.91	9.65	-2.91	0.04	488004.14	725885.52	
2666.00	0.22	318.44	2665.92	3.57	9.09	-3.56	0.04	488004.80	725884.96	
2855.00	0.22	9.56	2854.92	4.20	8.91	-4.19	0.10	488005.43	725884.78	
3043.00	0.25	21.89	3042.92	4.93	9.12	-4.93	0.03	488006.16	725884.99	
3232.00	0.22	349.38	3231.92	5.67	9.21	-5.67	0.07	488006.90	725885.08	
3420.00	0.53	343.20	3419.91	6.86	8.89	-6.86	0.17	488008.09	725884.76	
3609.00	0.20	41.07	3608.91	7.94	8.85	-7.94	0.24	488009.17	725884.72	
3798.00	0.50	99.82	3797.90	8.05	9.88	-8.05	0.23	488009.28	725885.75	
3988.00	0.85	108.35	3987.89	7.47	12.04	-7.46	0.19	488008.70	725887.91	
4175.00	1.33	125.06	4174.86	5.78	15.13	-5.78	0.31	488007.01	725891.00	
4366.00	0.55	162.67	4365.83	3.64	17.22	-3.63	0.50	488004.87	725893.09	
4555.00	0.50	160.49	4554.82	1.99	17.76	-1.99	0.03	488003.22	725893.63	
4744.00	0.70	255.28	4743.82	0.92	16.92	-0.92	0.47	488002.15	725892.79	
4933.00	0.35	233.97	4932.81	0.29	15.34	-0.28	0.21	488001.52	725891.21	
5122.00	0.16	251.47	5121.81	-0.13	14.62	0.14	0.11	488001.10	725890.49	
5312.00	0.36	261.93	5311.80	-0.30	13.78	0.31	0.11	488000.93	725889.65	
5502.00	0.30	281.65	5501.80	-0.29	12.70	0.29	0.07	488000.94	725888.57	
5691.00	0.30	256.56	5690.80	-0.30	11.74	0.31	0.07	488000.93	725887.61	
5880.00	0.25	272.73	5879.80	-0.40	10.84	0.40	0.05	488000.83	725886.71	
5954.00	0.31	235.54	5953.80	-0.50	10.52	0.51	0.25	488000.73	725886.39	
6065.00	0.31	274.47	6064.79	-0.65	9.97	0.65	0.19	488000.58	725885.84	
6160.00	1.50	295.96	6159.78	-0.08	8.60	0.09	1.28	488001.15	725884.47	
6254.00	2.70	302.24	6253.72	1.64	5.62	-1.63	1.30	488002.87	725881.49	
6349.00	3.77	295.39	6348.56	4.17	0.90	-4.17	1.20	488005.40	725876.77	

SD Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)										Comment
NO (US ft)	Inc (°)	Att (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	VS (US ft)	DLS (% 100US ft)	Northing (US ft)	Easting (US ft)	
6443.00	4.56	296.65	6442.31	7.17	-5.23	-7.17	0.85	488008.40	725870.64	
6538.00	5.54	292.33	6536.95	10.61	-12.85	-10.61	1.11	488011.84	725863.02	
6633.00	6.56	286.17	6631.42	13.86	-22.30	-13.87	1.27	488015.09	725853.57	
6727.00	7.77	282.49	6724.68	16.73	-33.66	-16.74	1.38	488017.96	725842.21	
6822.00	8.31	281.53	6818.75	19.49	-46.66	-19.51	0.59	488020.72	725829.21	
6917.00	7.95	283.81	6912.79	22.43	-59.76	-22.45	0.51	488023.66	725816.11	
7011.00	8.67	285.19	7005.80	25.84	-72.92	-25.86	0.79	488027.07	725802.95	
7106.00	8.15	285.26	7099.78	29.49	-86.32	-29.52	0.55	488030.72	725789.55	
7200.00	7.51	285.11	7192.91	32.84	-98.68	-32.88	0.68	488034.07	725777.19	
7295.00	8.19	284.64	7287.01	36.17	-111.22	-36.21	0.72	488037.40	725764.65	
7389.00	7.45	284.13	7380.14	39.35	-123.61	-39.39	0.79	488040.58	725752.26	
7484.00	7.73	286.86	7474.31	42.71	-135.70	-42.75	0.48	488043.94	725740.17	
7578.00	8.69	289.22	7567.34	46.88	-148.45	-46.93	1.08	488048.11	725727.42	
7672.00	8.36	288.18	7660.31	51.35	-161.65	-51.40	0.39	488052.58	725714.22	
7766.00	7.76	287.57	7753.38	55.40	-174.19	-55.46	0.64	488056.63	725701.68	
7861.00	7.95	287.30	7847.48	59.29	-186.58	-59.35	0.20	488060.52	725689.29	
7955.00	7.73	286.45	7940.61	63.01	-198.85	-63.08	0.26	488064.24	725677.02	
8051.00	8.40	287.20	8035.66	66.91	-211.74	-66.99	0.71	488068.14	725664.13	
8146.00	7.65	285.47	8129.73	70.65	-224.46	-70.73	0.83	488071.88	725651.41	
8241.00	8.39	284.45	8223.80	74.07	-237.27	-74.15	0.79	488075.30	725638.60	
8336.00	8.16	283.47	8317.81	77.37	-250.54	-77.45	0.28	488078.60	725625.33	
8431.00	7.09	279.87	8411.97	79.94	-262.87	-80.03	1.23	488081.17	725613.00	
8526.00	6.89	284.19	8506.26	82.34	-274.17	-82.44	0.59	488083.57	725601.70	
8621.00	6.13	285.17	8600.65	85.07	-284.59	-85.17	0.81	488086.30	725591.28	
8716.00	5.69	290.94	8695.14	88.08	-293.88	-88.18	0.78	488089.31	725581.99	
8811.00	6.20	288.54	8789.63	91.39	-303.15	-91.50	0.60	488092.62	725572.72	
8905.00	7.34	286.94	8882.97	94.76	-313.70	-94.87	1.23	488095.99	725562.17	
8998.00	5.94	285.41	8975.35	97.77	-324.03	-97.88	1.52	488099.00	725551.84	
9093.00	6.55	275.85	9069.79	99.62	-334.15	-99.74	1.27	488100.85	725541.72	
9188.00	5.24	260.98	9164.29	99.50	-343.83	-99.62	2.11	488100.73	725532.04	
9282.00	3.88	248.46	9257.99	97.66	-351.03	-97.78	1.78	488098.89	725524.84	
9377.00	3.64	249.73	9352.79	95.43	-356.85	-95.56	0.27	488096.66	725519.02	
9471.00	3.14	247.77	9446.62	93.42	-362.03	-93.55	0.55	488094.65	725513.84	
9565.00	2.97	246.63	9540.49	91.48	-366.65	-91.61	0.19	488092.71	725509.22	
9649.00	1.95	252.30	9624.41	90.19	-370.01	-90.31	1.25	488091.42	725505.86	
9707.00	2.10	228.75	9682.37	89.18	-371.75	-89.31	1.45	488090.41	725504.12	
9755.00	6.49	199.05	9730.23	86.04	-373.29	-86.17	9.96	488087.27	725502.58	
9802.00	14.25	195.80	9776.43	77.95	-375.74	-78.08	16.55	488079.18	725500.13	
9849.00	19.87	193.12	9821.34	64.59	-379.13	-64.73	12.07	488065.82	725496.74	
9897.00	26.33	188.38	9865.48	46.10	-382.54	-46.23	13.99	488047.33	725493.33	
9944.00	31.81	188.43	9906.54	23.51	-385.87	-23.65	11.66	488024.74	725490.00	
9991.00	36.52	189.75	9945.42	-2.54	-390.06	2.40	10.14	487998.69	725485.81	
10039.00	40.26	189.78	9983.03	-31.91	-395.12	31.77	7.79	487969.32	725480.75	
10086.00	43.65	189.87	10017.98	-62.86	-400.48	62.72	7.21	487938.37	725475.39	
10133.00	47.95	191.18	10050.74	-95.98	-406.65	95.84	9.36	487905.25	725469.22	
10180.00	53.31	192.61	10080.54	-131.52	-414.15	131.37	11.64	487869.71	725461.72	
10228.00	58.10	191.15	10107.58	-170.31	-422.29	170.16	10.29	487830.92	725453.58	
10275.00	63.91	191.48	10130.36	-210.60	-430.36	210.45	12.38	487790.63	725445.51	
10323.00	68.29	191.26	10149.80	-253.62	-439.01	253.46	9.13	487747.61	725436.86	
10370.00	72.40	191.24	10165.60	-297.02	-447.64	296.86	8.74	487704.21	725428.23	
10418.00	75.55	192.33	10178.85	-342.17	-457.07	342.01	6.92	487659.06	725418.80	
10465.00	79.79	193.20	10188.89	-386.94	-467.21	386.78	9.20	487614.29	725408.66	
10523.00	84.11	193.54	10197.01	-442.80	-480.49	442.63	7.47	487558.43	725395.38	
10570.00	86.08	192.14	10201.03	-488.46	-490.89	488.28	5.14	487512.77	725384.98	
10617.00	87.97	190.70	10203.47	-534.46	-500.19	534.28	5.05	487466.77	725375.68	
10664.00	88.81	189.41	10204.79	-580.72	-508.39	580.54	3.27	487420.51	725367.48	
10711.00	89.72	188.53	10205.39	-627.14	-515.72	626.96	2.69	487374.09	725360.15	
10758.00	90.00	187.53	10205.50	-673.68	-522.28	673.49	2.21	487327.55	725353.59	
10851.00	90.28	188.30	10205.28	-765.79	-535.09	765.60	0.88	487235.44	725340.78	

SD 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)	CLS (% 100US ft)	Northing (US ft)	Easting (US ft)	Comment
10944.00	89.51	187.33	10205.45	-857.92	-547.73	857.73	1.33	487143.31	725328.14	
11036.00	90.77	186.05	10205.22	-949.29	-558.45	949.10	1.95	487051.94	725317.42	
11130.00	90.56	184.48	10204.13	-1042.89	-567.08	1042.69	1.68	486958.34	725308.79	
11221.00	90.77	184.60	10203.07	-1133.60	-574.28	1133.40	0.27	486867.63	725301.59	
11312.00	90.28	182.26	10202.24	-1224.42	-579.72	1224.22	2.63	486776.81	725296.15	
11403.00	90.28	180.70	10201.80	-1315.39	-582.07	1315.19	1.71	486685.84	725293.80	
11494.00	90.98	181.71	10200.80	-1406.36	-583.99	1406.16	1.35	486594.87	725291.88	
11585.00	90.07	180.60	10199.96	-1497.34	-585.82	1497.13	1.58	486503.89	725290.05	
11679.00	90.14	180.48	10199.79	-1591.33	-586.71	1591.13	0.15	486409.90	725289.16	
11770.00	90.07	180.68	10199.62	-1682.33	-587.63	1682.12	0.23	486318.90	725288.24	
11863.00	89.72	180.93	10199.79	-1775.32	-588.93	1775.11	0.46	486225.91	725286.94	
11958.00	90.00	181.02	10200.03	-1870.30	-590.55	1870.10	0.31	486130.93	725285.32	
12052.00	90.14	181.50	10199.91	-1964.28	-592.62	1964.07	0.53	486036.95	725283.25	
12147.00	90.42	181.71	10199.45	-2059.24	-595.28	2059.03	0.37	485941.99	725280.59	
12241.00	90.70	181.25	10198.53	-2153.21	-597.71	2153.00	0.57	485848.02	725278.16	
12336.00	90.35	181.12	10197.66	-2248.18	-599.67	2247.97	0.39	485753.05	725276.20	
12431.00	89.65	180.89	10197.66	-2343.17	-601.34	2342.96	0.78	485658.06	725274.53	
12525.00	88.95	180.02	10198.81	-2437.15	-602.08	2436.94	1.19	485564.08	725273.79	
12619.00	88.53	179.05	10200.87	-2531.13	-601.32	2530.92	1.12	485470.10	725274.55	
12714.00	88.81	179.43	10203.08	-2626.09	-600.06	2625.88	0.50	485375.14	725275.81	
12808.00	88.81	179.11	10205.03	-2720.06	-598.86	2719.86	0.34	485281.17	725277.01	
12903.00	90.28	179.36	10205.78	-2815.05	-597.59	2814.84	1.57	485186.18	725278.28	
12998.00	90.63	179.33	10205.03	-2910.04	-596.51	2909.83	0.37	485091.19	725279.36	
13092.00	91.33	179.56	10203.42	-3004.02	-595.60	3003.81	0.78	484997.21	725280.27	
13186.00	90.49	180.22	10201.93	-3098.01	-595.42	3097.80	1.14	484903.22	725280.45	
13280.00	90.56	180.07	10201.07	-3192.00	-595.66	3191.80	0.18	484809.23	725280.21	
13374.00	91.05	180.67	10199.75	-3285.99	-596.26	3285.78	0.82	484715.24	725279.61	
13468.00	89.93	181.15	10198.94	-3379.98	-597.76	3379.77	1.30	484621.25	725278.11	
13562.00	89.79	180.20	10199.17	-3473.97	-598.86	3473.76	1.02	484527.26	725277.01	
13658.00	90.00	180.66	10199.35	-3569.96	-599.58	3569.76	0.53	484431.27	725276.29	
13753.00	90.00	180.00	10199.35	-3664.96	-600.13	3664.75	0.69	484336.27	725275.74	
13847.00	90.21	181.24	10199.18	-3758.96	-601.15	3758.75	1.34	484242.27	725274.72	
13942.00	88.74	180.25	10200.05	-3853.94	-602.38	3853.73	1.87	484147.29	725273.49	
14037.00	90.28	180.77	10200.86	-3948.93	-603.23	3948.72	1.71	484052.30	725272.64	
14132.00	89.93	180.08	10200.69	-4043.93	-603.93	4043.71	0.81	483957.30	725271.94	
14227.00	90.49	180.78	10200.34	-4138.92	-604.65	4138.71	0.94	483862.31	725271.22	
14322.00	90.07	179.72	10199.87	-4233.92	-605.06	4233.71	1.20	483767.31	725270.81	
14416.00	90.77	180.82	10199.18	-4327.91	-605.50	4327.70	1.39	483673.32	725270.37	
14511.00	89.79	178.88	10198.72	-4422.90	-605.25	4422.69	2.29	483578.33	725270.62	
14605.00	89.65	179.20	10199.18	-4516.89	-603.68	4516.68	0.37	483484.34	725272.19	
14699.00	89.44	179.76	10199.93	-4610.88	-602.83	4610.67	0.64	483390.35	725273.04	
14794.00	89.79	179.49	10200.56	-4705.88	-602.20	4705.67	0.47	483295.35	725273.67	
14888.00	89.93	179.50	10200.79	-4799.87	-601.38	4799.66	0.15	483201.36	725274.49	
14983.00	90.42	180.02	10200.50	-4894.87	-600.98	4894.66	0.75	483106.36	725274.89	
15079.00	89.86	180.11	10200.27	-4990.87	-601.09	4990.66	0.59	483010.36	725274.78	
15174.00	88.95	179.43	10201.25	-5085.86	-600.71	5085.65	1.20	482915.37	725275.16	
15267.00	88.53	179.37	10203.30	-5178.84	-599.73	5178.63	0.46	482822.39	725276.14	
15363.00	89.58	179.73	10204.88	-5274.82	-598.98	5274.61	1.16	482726.41	725276.89	
15458.00	89.02	180.96	10206.04	-5369.81	-599.55	5369.60	1.42	482631.42	725276.32	
15552.00	89.09	180.59	10207.59	-5463.79	-600.82	5463.58	0.40	482537.44	725275.05	
15647.00	90.49	179.49	10207.94	-5558.78	-600.89	5558.57	1.87	482442.45	725274.98	
15741.00	91.12	178.99	10206.62	-5652.76	-599.64	5652.55	0.86	482348.47	725276.23	
15836.00	90.77	179.50	10205.05	-5747.74	-598.39	5747.53	0.65	482253.49	725277.48	
15932.00	91.68	179.40	10203.00	-5843.71	-597.47	5843.51	0.95	482157.52	725278.40	
16027.00	92.03	179.09	10199.93	-5938.66	-596.22	5938.45	0.49	482062.57	725279.65	
16122.00	92.24	179.41	10196.39	-6033.58	-594.97	6033.37	0.40	481967.65	725280.90	
16217.00	92.24	180.63	10192.68	-6128.51	-595.01	6128.30	1.28	481872.72	725280.86	
16311.00	90.56	182.28	10190.38	-6222.44	-597.39	6222.23	2.50	481778.79	725278.48	
16406.00	89.23	181.74	10190.55	-6317.38	-600.73	6317.17	1.51	481683.85	725275.14	

SD Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)										Comment
ID (US ft)	Inc (°)	Az (°)	TVD (US ft)	N. Offset (US ft)	E. Offset (US ft)	VS (US ft)	D.S (°/100US ft)	Northing (US ft)	Easting (US ft)	
16502.00	88.95	180.65	10192.08	-6413.35	-602.73	6413.14	1.17	481587.88	725273.14	
16596.00	89.79	179.28	10193.11	-6507.34	-602.67	6507.13	1.71	481493.89	725273.20	
16690.00	89.09	178.07	10194.03	-6601.31	-600.50	6601.10	1.49	481399.92	725275.37	
16785.00	90.21	177.40	10194.61	-6696.23	-596.74	6696.02	1.37	481305.00	725279.13	
16880.00	90.91	176.55	10193.68	-6791.09	-591.73	6790.88	1.16	481210.14	725284.14	
16975.00	92.73	177.80	10190.66	-6885.92	-587.05	6885.72	2.32	481115.31	725288.82	
17069.00	92.38	178.95	10186.47	-6979.79	-584.39	6979.58	1.28	481021.44	725291.48	
17164.00	90.21	179.04	10184.33	-7074.74	-582.72	7074.54	2.29	480926.49	725293.15	
17259.00	89.44	180.27	10184.62	-7169.74	-582.15	7169.54	1.53	480831.49	725293.72	
17353.00	88.46	181.66	10186.34	-7263.71	-583.73	7263.50	1.81	480737.52	725292.14	
17448.00	89.23	180.93	10188.25	-7358.66	-585.88	7358.46	1.12	480642.57	725289.99	
17543.00	88.32	180.84	10190.29	-7453.63	-587.35	7453.42	0.96	480547.60	725288.52	
17638.00	87.48	179.27	10193.77	-7548.56	-587.44	7548.35	1.87	480452.67	725288.43	
17733.00	89.09	178.08	10196.61	-7643.49	-585.24	7643.28	2.11	480357.74	725290.63	
17828.00	89.44	179.37	10197.83	-7738.45	-583.13	7738.25	1.41	480262.78	725292.74	
17923.00	90.28	178.87	10198.06	-7833.44	-581.67	7833.24	1.03	480167.79	725294.20	
18017.00	90.98	178.48	10197.03	-7927.41	-579.49	7927.21	0.85	480073.82	725296.38	
18112.00	90.84	178.52	10195.52	-8022.36	-577.01	8022.16	0.15	479978.87	725298.86	
18206.00	90.35	178.43	10194.54	-8116.33	-574.51	8116.12	0.53	479884.90	725301.36	
18300.00	91.33	178.53	10193.16	-8210.28	-572.01	8210.08	1.05	479790.95	725303.86	
18394.00	91.54	180.13	10190.81	-8304.24	-570.91	8304.04	1.72	479696.99	725304.96	
18489.00	90.14	180.90	10189.42	-8399.23	-571.77	8399.03	1.68	479602.00	725304.10	
18583.00	90.14	181.38	10189.19	-8493.21	-573.64	8493.01	0.51	479508.02	725302.23	
18677.00	90.07	181.54	10189.02	-8587.18	-576.03	8586.97	0.19	479414.05	725299.84	
18772.00	89.65	180.91	10189.25	-8682.15	-578.06	8681.95	0.80	479319.08	725297.81	
18866.00	89.02	181.65	10190.34	-8776.12	-580.16	8775.92	1.03	479225.11	725295.71	
18960.00	89.72	180.82	10191.37	-8870.09	-582.19	8869.89	1.16	479131.14	725293.68	
19055.00	89.58	180.35	10191.95	-8965.09	-583.16	8964.88	0.52	479036.14	725292.71	
19150.00	90.00	180.90	10192.30	-9060.08	-584.20	9059.87	0.73	478941.15	725291.67	
19245.00	90.21	180.13	10192.13	-9155.07	-585.05	9154.87	0.84	478846.16	725290.82	
19339.00	89.79	179.76	10192.13	-9249.07	-584.96	9248.87	0.60	478752.16	725290.91	
19434.00	90.70	180.78	10191.72	-9344.07	-585.41	9343.86	1.44	478657.16	725290.46	
19529.00	90.14	180.15	10191.02	-9439.06	-586.18	9438.86	0.89	478562.17	725289.69	
19624.00	89.86	181.51	10191.02	-9534.05	-587.55	9533.85	1.46	478467.18	725288.32	
19718.00	90.42	180.03	10190.79	-9628.04	-588.82	9627.83	1.68	478373.19	725287.05	
19813.00	89.79	179.95	10190.62	-9723.04	-588.80	9722.83	0.67	478278.19	725287.07	
19908.00	89.37	180.32	10191.32	-9818.04	-589.02	9817.83	0.59	478183.19	725286.85	
20002.00	89.65	180.55	10192.12	-9912.03	-589.74	9911.82	0.39	478089.20	725286.13	
20096.00	88.95	181.23	10193.27	-10006.01	-591.20	10005.80	1.04	477995.22	725284.67	
20152.00	88.39	180.82	10194.57	-10061.99	-592.20	10061.78	1.24	477939.24	725283.67	Last WFT MWD Survey
20224.00	87.91	180.47	10196.89	-10133.94	-593.01	10133.74	0.82	477867.29	725282.86	Proj to TD