

Weatherford

Evaluation, Drilling & Intervention
10000 West County Rd. 116
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Occidental Permian Ltd.
5 Greenway Plaza Suite 110
Houston TX 77046

Date: October 16, 2014

Attention: Linsay Earle

15- 41573

Re: Occidental Permian Ltd
Well: Federal 26 #12H
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>
Justin Nguyen	12H	987' MD	9/16/2014	Measurement
MWD Supervisor		13672' MD	10/7/2014	While Drilling

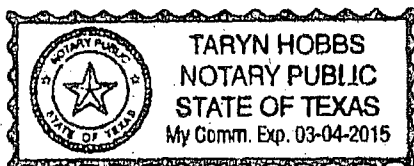
A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Jesus Aguilar
MWD Coordinator

On this, the 16th day of November, 2014, before me a notary public, the undersigned officer, personally appeared Jesus Aguilar, 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



5D Survey Report

OXY USA

Field Name: *Eddy Co. (NAD27 NME)*

Site Name: *Federal 26 Fed #12H*

Well Name: *Federal 26 Fed #12H*

Survey: *Definitive Survey*

04 November 2014



Weatherford

Federal 26 Fed #12H

Field Name Eddy Co. (NAD27 NME)	Map Units : US ft	Company Name : OXY-USA
	Vertical Reference Datum (VRD) : Mean Sea Level	
	Projected Coordinate System : NAD27 / New Mexico East	
	Comment :	

Site Name Federal 26 Fed #12H	Units : US ft	North Reference : Grid	Convergence Angle : 0.32
	Position	Northing : 499733.60 US ft	Latitude : 32° 22' 20.97"
		Easting : 682783.70 US ft	Longitude : -103° 44' 28.67"
	Elevation above Mean Sea Level: 3569.80 US ft		
Comment :			

Slot Name Federal 26 Fed #12H	Position (Offsets relative to Site Centre)		
	+N/-S: 0.00 US ft	Northing: 499733.60 US ft	Latitude: 32°22'20.97"
	+E/-W: 0.00 US ft	Easting: 682783.70 US ft	Longitude: -103°44'28.67"
	Slot TVD Reference: Ground Elevation		
	Elevation above Mean Sea Level: 3569.80 US ft		
Comment:			

Well Name Federal 26 Fed #124	Type : Main well	UWI :
	Rig Height <i>Drill Floor</i> : 25.00 US ft	Comment :
	Relative to Mean Sea Level: 3594.80 US ft	
	Closure Distance : 6003.34 US ft	Closure Azimuth : 180.5°
Vertical Section (Position of Origin Relative to Site)		
+N / -S : 0.00 US ft +E / -W : 0.00 US ft Az : 180.78°		

Target-Set

Name : Federal 26 #12H Number of Targets : 3

Comment :

Target Name:	Position (Relative to Site centre)		
Vertical Target	+N//S: -338.10US ft	Northing: 499395.50US ft	Latitude: 32°22'17.65"
Shape:	+E//W: -484.78US ft	Easting: 682298.92US ft	Longitude: -103°44'34.34"
Cuboid	TVD (Drill Floor) : 7628.98 US ft		
	Orientation Azimuth : 0.00°	Inclination : 0.00°	
	Dimensions Length : 0.00 US ft	Breadth : 0.00 US ft	Height : 0.00 US ft

Target Name:	Position (Relative to Site centre)		
Top Port	+N//S: -1386.70US ft	Northing: 498346.90US ft	Latitude: 32°22'7.27"
Shape:	+E//W: -412.20US ft	Easting: 682371.50US ft	Longitude: -103°44'33.56"
Cuboid	TVD (Drill Floor) : 8264.80 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

Target Name:	Position (Relative to Site centre)		
PSHL	+N// -S: 6141.30US ft	Northing: 1493592.30 US ft	Latitude: 32°21'20.21"
Shape:	+E// -W: 8-83.10 US ft	Easting: 682700.60US ft	Longitude: -103°44'30.03"
Cuboid	TVD (Drill Floor) : 8304.80 US ft		
	Orientation Azimuth : 0.00°	Inclination : 0.00°	
	Dimensions Length : 0.00 US ft	Breadth : 0.00 US ft	Height : 0.00 US ft

Date : 14/Aug/2014 **Survey Tool :** **Comment :** **Company :**

Model Name: BGGM Date: 05/Sep/2014 Field Strength: 48372.5 nT Declination: 7.47° Dip: 60.20°

Name	Start MD (USN)	End MD (USN)	Source Survey
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NSG Cont	0.00	800.00	Gyro
MWD	800.00	13730.00	MWD

Wall path created using minimum curvature

Survey Points (Relative to Site centre, TVD relative to Drill Floor)

DB 105.00	DB 105.00	DB 105.00	DB 105.00	DB 105.00	DB 105.00	DB 105.00	DB 105.00	DB 105.00	DB 105.00	DB 105.00	DB 105.00
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.94	24.66	100.00	0.67	0.47	-0.68	0.94	499734.27	682784.17	NSG Cont (Gyro)	
200.00	0.07	107.54	199.99	1.33	0.99	-1.34	0.92	499734.93	682784.69	NSG Cont (Gyro)	
300.00	0.31	233.97	299.99	1.15	0.83	-1.16	0.36	499734.75	682784.53	NSG Cont (Gyro)	
500.00	0.37	232.09	499.99	0.44	-0.12	-0.44	0.03	499734.04	682783.58	NSG Cont (Gyro)	
600.00	0.46	237.33	599.98	0.02	-0.21	-0.01	0.10	499733.62	682782.99	NSG Cont (Gyro)	
700.00	0.60	236.96	699.98	-0.48	-1.49	0.50	0.14	499733.12	682782.21	NSG Cont (Gyro)	
800.00	0.60	248.70	799.97	-0.95	-2.41	0.99	0.12	499732.65	682781.29	NSG Cont (Gyro)	
987.00	0.45	248.49	986.97	-1.58	-4.01	1.63	0.06	499732.02	682779.69	MWD (MWD)	First WFT MWD
1143.00	0.50	249.13	1142.96	-2.05	-5.21	2.12	0.03	499731.55	682778.49	MWD (MWD)	
1332.00	0.22	233.37	1331.96	-2.56	-6.28	2.54	0.16	499731.04	682777.42	MWD (MWD)	
1519.00	0.21	211.78	1518.96	-3.06	-6.74	3.15	0.04	499730.54	682776.96	MWD (MWD)	
1708.00	0.45	240.07	1707.95	-3.73	-7.57	2.83	0.15	499729.87	682776.13	MWD (MWD)	
1897.00	0.50	228.29	1896.95	-4.65	-8.83	4.77	0.06	499728.95	682774.87	MWD (MWD)	
2086.00	0.76	215.79	2085.93	-6.21	-10.18	6.35	0.15	499727.39	682773.52	MWD (MWD)	
2274.00	0.63	212.47	2273.92	-8.09	-11.46	8.25	0.07	499725.51	682772.24	MWD (MWD)	
2462.00	0.64	210.39	2461.91	-9.87	-12.55	10.04	0.01	499723.73	682771.15	MWD (MWD)	
2651.00	0.45	195.15	2650.90	-11.50	-13.28	11.68	0.13	499722.10	682770.42	MWD (MWD)	
2840.00	0.16	175.06	2839.90	-12.48	-13.45	12.66	0.16	499721.12	682770.25	MWD (MWD)	
3029.00	0.25	104.78	3028.96	-12.85	-13.83	13.02	0.13	499720.75	682770.67	MWD (MWD)	
3217.00	0.07	76.24	3216.90	-12.92	-12.52	13.09	0.10	499720.68	682771.18	MWD (MWD)	

Survey Points (Relative to Site Centre, TVD relative to Drill Floor)										
Point ID	Depth (m)	North (m)	East (m)	Top (m)	Bottom (m)	US (m)	US (m)	US (m)	US (m)	US (m)
3406.00	0.43	193.44	3405.89	-13.59	-12.57	13.76	0.25	499720.01	682771.13	MWD (MWD)
3594.00	1.42	140.29	3593.87	-16.06	-11.25	16.22	0.64	499717.54	682772.45	MWD (MWD)
3689.00	2.66	131.29	3688.81	-18.43	-8.84	18.54	1.34	499715.17	682774.86	MWD (MWD)
3783.00	3.38	141.82	3782.72	-21.40	-5.99	21.48	0.97	499712.20	682777.71	MWD (MWD)
3877.00	1.05	159.01	3876.67	-23.74	-4.48	23.80	1.50	499709.86	682779.22	MWD (MWD)
3970.00	1.62	152.12	3969.65	-25.69	-3.56	25.74	0.64	499707.91	682780.14	MWD (MWD)
4064.00	2.17	137.69	4063.60	-28.19	-1.77	28.21	0.77	499705.41	682781.96	MWD (MWD)
4158.00	1.65	133.72	4157.54	-30.44	0.44	30.43	0.57	499703.16	682784.14	MWD (MWD)
4253.00	0.82	110.51	4252.52	-31.62	2.06	31.59	1.00	499701.98	682785.76	MWD (MWD)
4347.00	0.56	87.15	4346.52	-31.83	3.15	31.79	0.40	499701.72	682786.85	MWD (MWD)
4438.00	0.51	84.21	4437.51	-31.78	3.91	31.72	0.07	499701.82	682787.61	MWD (MWD)
4621.00	0.60	61.60	4620.50	-31.21	5.65	31.13	0.12	499702.39	682789.35	MWD (MWD)
4716.00	0.87	155.32	4715.50	-31.63	6.39	31.54	1.15	499701.97	682790.09	MWD (MWD)
4810.00	2.34	187.77	4809.46	-34.18	6.43	34.09	1.78	499699.42	682790.13	MWD (MWD)
4904.00	2.78	187.37	4903.37	-38.35	8.67	38.27	0.48	499695.25	682789.57	MWD (MWD)
4998.00	3.50	196.57	4998.22	-43.42	4.75	43.35	0.91	499690.18	682788.45	MWD (MWD)
5093.00	4.86	207.87	5091.97	-49.69	2.07	49.66	1.68	499683.81	682785.77	MWD (MWD)
5187.00	7.30	215.15	5185.44	-58.10	-3.23	58.13	2.72	499675.50	682780.47	MWD (MWD)
5281.00	8.86	226.55	5278.51	-67.96	-11.92	68.11	3.37	499665.64	682771.78	MWD (MWD)
5376.00	10.70	238.07	5372.13	-77.66	-24.72	77.99	3.82	499655.94	682758.98	MWD (MWD)
5469.00	10.57	238.83	5463.53	-86.64	-39.35	87.16	0.21	499646.96	682744.35	MWD (MWD)
5564.00	10.42	238.07	5556.95	-95.69	-54.09	96.42	0.21	499637.91	682729.61	MWD (MWD)
5657.00	10.71	237.21	5648.37	-104.82	-68.50	105.74	0.35	499628.78	682715.20	MWD (MWD)
5751.00	10.53	238.13	5740.78	-114.08	-83.13	115.20	0.26	499618.52	682700.57	MWD (MWD)
5846.00	10.64	238.38	5834.14	-123.27	-97.97	124.59	0.13	499610.33	682685.73	MWD (MWD)
5940.00	10.51	241.59	5926.53	-131.93	-112.98	133.46	0.63	499601.67	682670.72	MWD (MWD)
6034.00	10.83	242.86	6018.89	-140.08	-128.45	141.81	0.34	499593.52	682655.25	MWD (MWD)
6223.00	9.84	242.71	6204.82	-155.58	-158.60	157.73	0.52	499578.02	682625.10	MWD (MWD)
6412.00	9.63	242.89	6391.10	-170.19	-187.02	173.72	0.11	499563.41	682596.68	MWD (MWD)
6601.00	9.20	244.74	6577.55	-183.84	-214.76	185.75	0.28	499549.76	682568.84	MWD (MWD)
6790.00	9.04	244.07	6764.17	-196.78	-241.78	200.06	0.10	499536.82	682541.92	MWD (MWD)
6979.00	8.67	244.03	6950.91	-209.51	-267.94	213.14	0.20	499524.09	682515.76	MWD (MWD)
7168.00	7.93	234.52	7137.94	-223.32	-291.36	227.27	0.82	499510.28	682492.34	MWD (MWD)
7263.00	8.52	232.40	7231.96	-231.42	-302.27	235.41	0.70	499502.18	682481.43	MWD (MWD)
7356.00	10.01	229.22	7323.75	-240.90	-313.85	245.15	1.69	499492.70	682469.85	MWD (MWD)

Survey Points (Relative to Site centre, (VD) relative to Drill Floor)										
Point No.	Lat	Long	VD	VD	VD	VD	VD	VD	VD	VD
(m)	(°)	(°)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
7451.00	9.71	228.64	7417.34	-251.59	-326.12	256.00	0.33	499482.01	682457.58	MWD (MWD)
7573.00	10.16	226.45	7537.51	-265.80	-341.64	270.43	0.48	499467.80	682442.06	MWD (MWD)
7667.00	9.14	219.30	7630.19	-277.29	-352.38	282.06	1.67	499456.31	682431.32	MWD (MWD)
7698.00	9.61	203.78	7660.78	-281.56	-354.98	286.37	8.27	499452.04	682428.72	MWD (MWD)
7730.00	11.34	184.37	7692.25	-287.15	-356.30	291.97	12.20	499446.45	682427.40	MWD (MWD)
7761.00	14.03	176.56	7722.50	-293.94	-356.31	298.76	10.27	499439.66	682427.39	MWD (MWD)
7792.00	16.03	178.03	7752.28	-302.49	-355.92	307.30	12.97	499431.11	682427.78	MWD (MWD)
7823.00	20.03	174.99	7781.59	-312.57	-355.29	317.38	7.20	499421.03	682428.41	MWD (MWD)
7856.00	20.63	174.07	7812.51	-324.04	-354.19	328.83	2.61	499409.56	682429.51	MWD (MWD)
7886.00	23.70	169.19	7840.28	-335.27	-352.50	340.04	11.37	499398.33	682431.20	MWD (MWD)
7918.00	25.95	163.46	7869.32	-348.30	-349.30	353.02	10.29	499385.30	682434.40	MWD (MWD)
7949.00	29.81	160.73	7896.72	-362.08	-344.83	366.74	13.11	499371.52	682438.87	MWD (MWD)
7981.00	32.61	162.28	7924.09	-377.81	-339.58	382.40	9.10	499355.79	682444.12	MWD (MWD)
8012.00	36.35	166.39	7949.64	-394.70	-334.87	399.22	14.20	499338.90	682448.03	MWD (MWD)
8044.00	38.85	170.31	7974.99	-413.02	-330.95	418.29	10.81	499319.78	682452.75	MWD (MWD)
8075.00	41.68	174.60	7998.65	-433.67	-328.34	438.10	12.78	499299.93	682455.36	MWD (MWD)
8107.00	45.13	177.46	8021.90	-455.60	-326.84	460.01	12.41	499278.00	682456.86	MWD (MWD)
8138.00	48.20	179.42	8043.17	-478.14	-326.23	482.53	10.92	499255.46	682457.47	MWD (MWD)
8170.00	50.94	181.15	8063.92	-502.49	-326.36	506.89	9.50	499231.11	682457.34	MWD (MWD)
8201.00	53.36	182.15	8082.94	-526.96	-327.07	531.36	8.71	499208.64	682456.63	MWD (MWD)
8233.00	55.83	183.18	8101.48	-553.01	-328.29	557.43	8.15	499180.59	682455.41	MWD (MWD)
8264.00	58.09	184.35	8118.38	-578.94	-330.00	583.37	7.95	499154.66	682453.70	MWD (MWD)
8296.00	61.09	184.72	8134.58	-606.44	-332.18	610.91	9.43	499127.16	682451.52	MWD (MWD)
8327.00	62.93	183.99	8149.13	-633.74	-334.26	638.23	6.29	499099.86	682449.44	MWD (MWD)
8359.00	65.56	183.81	8163.03	-662.49	-336.22	667.00	8.23	499071.11	682447.48	MWD (MWD)
8390.00	68.30	183.84	8175.18	-690.94	-338.12	695.48	8.84	499042.66	682445.58	MWD (MWD)
8421.00	69.72	184.98	8186.28	-719.80	-340.35	724.37	5.72	499013.80	682443.35	MWD (MWD)
8453.00	70.53	185.39	8197.18	-749.77	-342.07	754.37	2.80	498983.83	682440.63	MWD (MWD)
8484.00	72.59	184.84	8206.87	-779.06	-345.69	783.69	6.85	498954.54	682438.01	MWD (MWD)
8515.00	74.28	184.06	8215.67	-808.72	-347.95	813.38	7.50	498924.88	682435.71	MWD (MWD)
8546.00	76.67	183.77	8223.31	-838.69	-350.04	843.38	6.13	498894.91	682433.66	MWD (MWD)
8578.00	78.09	183.74	8230.30	-869.85	-352.09	874.56	4.44	498863.75	682431.61	MWD (MWD)
8609.00	79.95	183.18	8236.21	-900.23	-353.22	904.96	6.26	498833.37	682429.77	MWD (MWD)
8644.00	81.92	182.57	8241.72	-934.74	-355.66	939.50	5.89	498798.86	682428.04	MWD (MWD)
8676.00	82.99	182.20	8245.91	-966.44	-356.98	971.21	3.53	498767.16	682426.72	MWD (MWD)

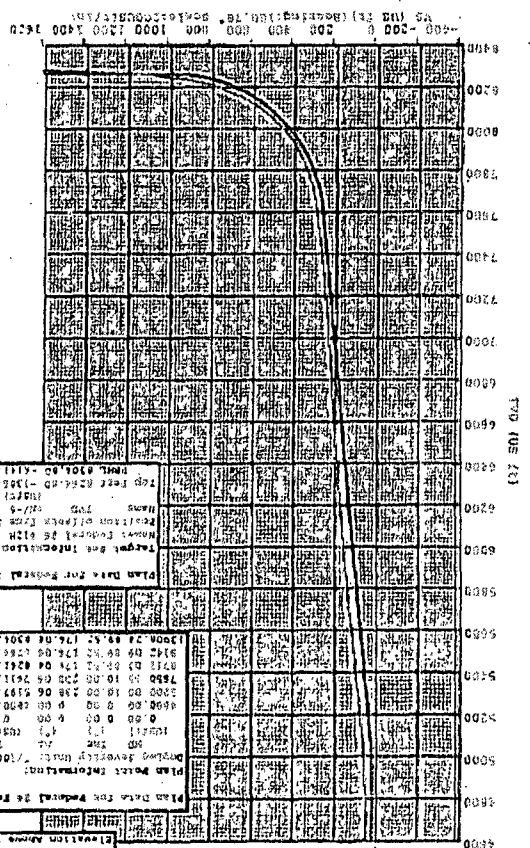
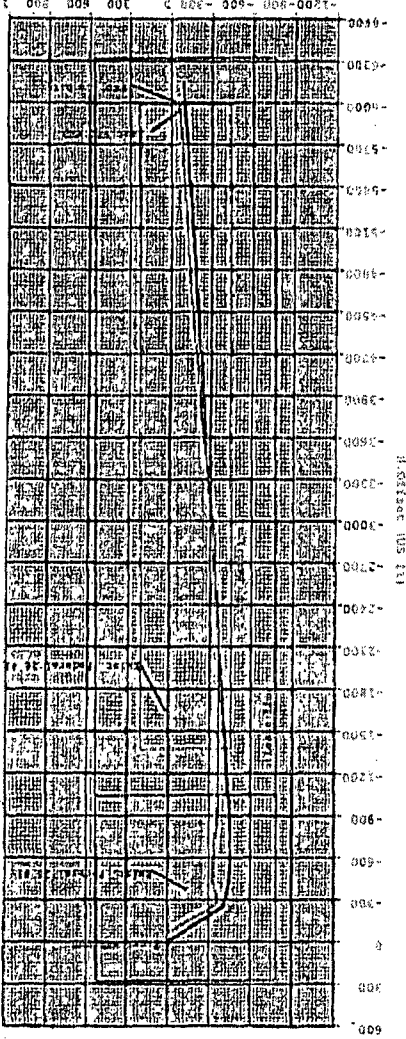
Survey Points (Relative to Site centre, W/O relative to Drill Floor)										
Point No.	W/O Easting	W/O Northing	W/O Easting	W/O Northing	W/O Easting	W/O Northing	W/O Easting	W/O Northing	W/O Easting	W/O Northing
8707.00	83.49	181.39	8249.57	-997.21	-357.94	1001.99	3.06	498736.39	682425.76	MWD (MWD)
8738.00	83.62	181.28	8253.05	-1028.00	-358.66	1032.79	0.55	498705.60	682425.04	MWD (MWD)
8769.00	83.76	181.18	8256.46	-1058.81	-359.32	1063.60	0.55	498674.79	682424.38	MWD (MWD)
8800.00	84.74	180.49	8259.56	-1089.65	-359.77	1094.45	3.86	498643.95	682423.93	MWD (MWD)
8863.00	86.78	178.82	8264.22	-1152.47	-359.39	1157.26	4.18	498581.13	682424.31	MWD (MWD)
8958.00	88.81	179.86	8267.86	-1247.39	-358.30	1252.15	2.40	498486.21	682425.40	MWD (MWD)
8990.00	89.02	180.28	8268.48	-1279.38	-358.34	1284.14	1.47	498454.22	682425.36	MWD (MWD)
9020.00	89.09	180.79	8268.98	-1309.38	-358.62	1314.14	1.72	498424.22	682425.08	MWD (MWD)
9052.00	88.60	180.38	8268.62	-1341.37	-358.94	1346.13	2.00	498392.23	682424.76	MWD (MWD)
9084.00	88.04	180.36	8270.56	-1373.35	-359.15	1378.11	1.75	498360.25	682424.55	MWD (MWD)
9115.00	87.48	180.31	8271.77	-1404.33	-359.33	1409.09	1.81	498329.27	682424.37	MWD (MWD)
9147.00	87.34	180.67	8273.22	-1436.29	-359.61	1441.06	1.21	498297.31	682424.09	MWD (MWD)
9178.00	86.99	180.76	8274.75	-1467.25	-359.99	1472.02	1.17	498266.35	682423.71	MWD (MWD)
9209.00	87.48	180.37	8276.25	-1498.22	-360.30	1502.98	2.02	498235.38	682423.40	MWD (MWD)
9240.00	88.81	180.45	8277.25	-1529.20	-360.52	1533.96	4.30	498204.40	682423.18	MWD (MWD)
9272.00	89.02	180.93	8277.86	-1561.19	-360.90	1565.96	1.64	498172.41	682422.80	MWD (MWD)
9303.00	89.58	180.57	8278.24	-1592.19	-361.33	1596.96	2.15	498141.41	682422.39	MWD (MWD)
9335.00	90.56	180.51	8278.20	-1624.18	-361.61	1628.96	3.07	498109.42	682422.09	MWD (MWD)
9429.00	90.07	180.43	8277.68	-1718.18	-362.38	1722.95	0.53	498015.42	682421.32	MWD (MWD)
9461.00	89.86	180.59	8277.70	-1750.18	-362.67	1754.95	0.83	497983.42	682421.03	MWD (MWD)
9492.00	89.86	181.01	8277.78	-1781.17	-363.10	1785.95	1.35	497952.43	682420.60	MWD (MWD)
9524.00	90.42	180.83	8277.70	-1813.17	-363.61	1817.95	1.84	497920.43	682420.09	MWD (MWD)
9555.00	90.77	180.15	8277.38	-1844.17	-363.88	1848.95	2.47	497889.43	682419.82	MWD (MWD)
9587.00	90.07	179.60	8277.14	-1876.17	-363.81	1880.94	2.78	497857.43	682419.89	MWD (MWD)
9618.00	89.37	179.57	8277.28	-1907.16	-363.58	1911.94	2.26	497826.44	682420.12	MWD (MWD)
9649.00	89.09	179.39	8277.71	-1938.16	-363.30	1942.93	1.07	497795.44	682420.40	MWD (MWD)
9681.00	88.53	179.38	8278.37	-1970.15	-362.96	1974.91	1.75	497763.45	682420.74	MWD (MWD)
9712.00	88.67	179.03	8278.13	-2001.14	-362.53	2005.89	1.22	497732.46	682421.17	MWD (MWD)
9744.00	90.07	178.08	8279.48	-2033.13	-361.72	2037.86	5.29	497700.47	682421.98	MWD (MWD)
9807.00	91.47	178.59	8278.64	-2096.09	-359.89	2100.80	2.37	497637.51	682423.81	MWD (MWD)
9901.00	89.86	178.65	8277.55	-2190.05	-357.63	2194.72	1.71	497543.55	682426.07	MWD (MWD)
9996.00	88.81	176.16	8278.65	-2284.94	-353.33	2289.54	2.84	497448.66	682430.37	MWD (MWD)
10089.00	88.39	176.47	8280.92	-2377.72	-347.35	2382.23	0.56	497355.88	682436.35	MWD (MWD)
10184.00	87.41	177.16	8284.40	-2472.51	-342.08	2476.94	1.26	497261.09	682441.62	MWD (MWD)
10278.00	90.63	177.55	8286.01	-2566.38	-337.74	2570.74	3.45	497167.22	682445.96	MWD (MWD)

Survey Points (Relative to Site Centre, WD relative to Drill Floor)										
Point No.	88.9	177.24	8286.01	-2660.28	-333.47	2664.58	1.38	497073.32	682450.23	MWD (MWD)
10372.00	89.37	177.24	8286.01	-2660.28	-333.47	2664.58	1.38	497073.32	682450.23	MWD (MWD)
10467.00	89.23	176.49	8287.17	-2755.13	-328.27	2759.35	0.80	496978.47	682455.43	MWD (MWD)
10561.00	88.46	176.95	8289.06	-2848.96	-322.90	2853.09	0.95	496884.64	682460.80	MWD (MWD)
10655.00	88.60	175.78	8291.48	-2942.74	-316.94	2946.78	1.25	496790.86	682466.76	MWD (MWD)
10748.00	88.88	174.27	8293.52	-3035.36	-308.88	3039.29	1.65	496698.24	682474.82	MWD (MWD)
10843.00	91.75	173.99	8293.00	-3129.85	-299.16	3133.64	3.04	496603.75	682484.54	MWD (MWD)
10937.00	90.28	173.21	8291.33	-3223.25	-288.69	3226.88	1.77	496510.35	682495.01	MWD (MWD)
11031.00	89.16	173.18	8291.79	-3316.59	-277.55	3320.06	1.19	496417.01	682506.15	MWD (MWD)
11126.00	88.60	173.80	8293.65	-3410.96	-266.86	3414.28	0.96	496322.64	682516.84	MWD (MWD)
11220.00	89.86	174.14	8294.91	-3504.44	-257.07	3507.62	1.36	496229.16	682526.63	MWD (MWD)
11314.00	89.72	173.36	8295.26	-3597.88	-246.84	3600.91	0.84	496135.72	682536.86	MWD (MWD)
11408.00	89.37	173.17	8296.00	-3691.23	-235.81	3694.10	0.42	496042.37	682547.89	MWD (MWD)
11501.00	91.40	173.88	8295.38	-3783.63	-225.33	3786.35	2.31	495949.97	682558.37	MWD (MWD)
11595.00	91.75	175.25	8292.80	-3877.17	-216.43	3879.75	1.50	495856.43	682567.27	MWD (MWD)
11690.00	92.31	174.99	8289.43	-3971.76	-208.35	3974.23	0.65	495761.84	682575.35	MWD (MWD)
11784.00	92.31	175.22	8285.64	-4065.34	-200.34	4067.70	0.24	495668.26	682583.36	MWD (MWD)
11879.00	92.03	174.26	8282.04	-4159.88	-191.63	4162.10	1.05	495573.72	682592.07	MWD (MWD)
11973.00	91.54	173.71	8279.12	-4253.31	-181.79	4255.39	0.78	495480.29	682601.91	MWD (MWD)
12067.00	91.96	174.11	8276.25	-4346.74	-171.82	4348.67	0.62	495386.86	682611.88	MWD (MWD)
12161.00	91.61	174.70	8273.32	-4440.24	-162.66	4442.05	0.73	495293.36	682621.04	MWD (MWD)
12256.00	91.61	175.31	8270.65	-4534.85	-154.39	4536.53	0.64	495198.75	682629.31	MWD (MWD)
12350.00	92.59	175.32	8267.20	-4628.47	-146.72	4630.04	1.04	495105.13	682636.98	MWD (MWD)
12444.00	90.91	175.64	8264.33	-4722.13	-139.31	4723.59	1.82	495011.47	682644.39	MWD (MWD)
12537.00	88.67	175.99	8264.67	-4814.87	-132.53	4816.23	2.44	494918.73	682651.17	MWD (MWD)
12632.00	89.44	176.52	8266.24	-4909.66	-126.32	4910.92	0.98	494823.94	682657.38	MWD (MWD)
12726.00	88.04	176.00	8268.31	-5003.43	-120.19	5004.60	1.59	494730.17	682663.51	MWD (MWD)
12820.00	88.11	176.88	8271.47	-5097.15	-113.71	5096.25	0.11	494636.45	682669.99	MWD (MWD)
12915.00	88.53	175.38	8274.25	-5191.85	-106.64	5192.82	0.56	494541.75	682677.06	MWD (MWD)
13009.00	90.35	176.39	8275.17	-5285.60	-99.89	5286.47	2.21	494448.00	682683.81	MWD (MWD)
13104.00	91.12	176.82	8273.95	-5380.42	-94.27	5381.21	0.93	494353.18	682689.43	MWD (MWD)
13198.00	91.54	175.97	8271.77	-5474.26	-89.18	5474.96	0.47	494259.34	682694.52	MWD (MWD)
13292.00	92.73	176.57	8268.27	-5568.04	-83.88	5568.67	1.34	494165.55	682699.82	MWD (MWD)
13386.00	93.78	176.74	8262.83	-5661.73	-78.41	5662.27	1.13	494071.87	682705.29	MWD (MWD)
13480.00	94.63	175.98	8256.04	-5755.28	-72.46	5755.74	1.21	493978.32	682711.24	MWD (MWD)
13575.00	95.54	175.65	8247.62	-5849.66	-65.55	5850.01	1.02	493883.94	682718.15	MWD (MWD)

Survey Points (Relative to Site Centre, NVD relative to Drill Floor)											
Point ID	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84	WGS 84
13672.00	96.88	174.87	8237.12	5945.75	-57.58	5945.99	1.60	493787.85	682726.12	MWD (MWD)	Last WFT MWD
13730.00	96.88	174.87	8230.18	6003.11	-52.44	6003.26	0.00	493730.49	682731.26	MWD (MWD)	Proj to Bit

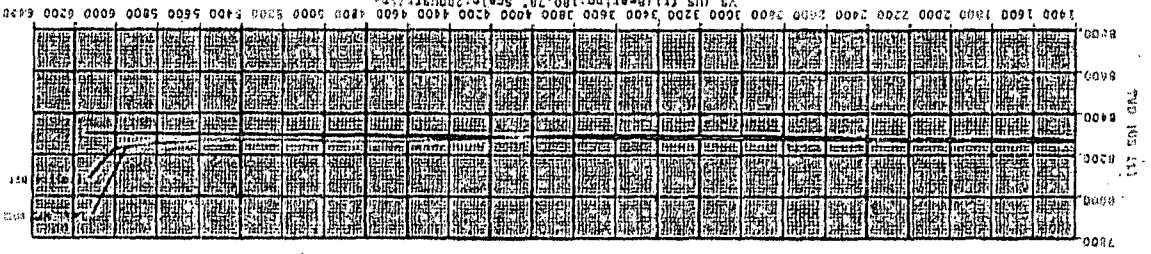
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