

Results of Directional Survey

API number:	30-025-41212		
OGRID:		Operator:	EOG RESOURCES INC
		Property:	WHIRLING WIND 14 FEDERAL COM # 1H

surface	ULSTR:	A	14	T 26S	R 33E
				150 FNL	170 FEL

BH Loc	ULSTR:	I	02	T 26S	R 33E
17190	MD	9512.8	TVD	2406 FSL	455 FEL
				7686 FSL	

Top Perf/OH	ULSTR:	A	14	T 26S	R 33E
9849	MD	9567.4	TVD	348 FSL	411 FEL

Bot Perf/OH	ULSTR:	I	02	T 26S	R 33E
17070	MD	9514.4	TVD	2286 FSL	459 FEL
				7566 FSL	

	MD	N/S	E/W	VD
	9848	497.12	-240.50	9567.23
TOP PERFS/OH	9849	498.10	-240.61	9567.40
	9879	527.50	-243.87	9572.39
	17001	7647.09	-290.68	9515.34
BOT PERFS/OH	17070	7716.05	-288.72	9514.44
	17096	7742.04	-287.98	9514.10

NEXT TO LAST	17148	7794.00	-286.22	9513.34
LAST READING	17190	7835.98	-284.80	9512.79
TD	17190	7835.98	-284.80	9512.79

Surface Location	150	FN	170	FE
Projected BHL	7686	FS	455	FE
Location of				
Top Perfs/OH	348	FS	411	FE
Bottom Perfs/OH	7566	FS	459	FE

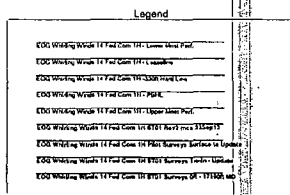
SUMMARY of Subsurface Locations

Surface Location	A-14-26S-33E	150	FN	170	FE	Vert. Depth
Top Perfs/OH	A-14-26S-33E	348	FS	411	FE	9567.40
Bottom Perfs/OH	I-02-26S-33E	7566	FS	459	FE	9514.44
Projected TD	I-02-26S-33E	7686	FS	455	FE	9512.79

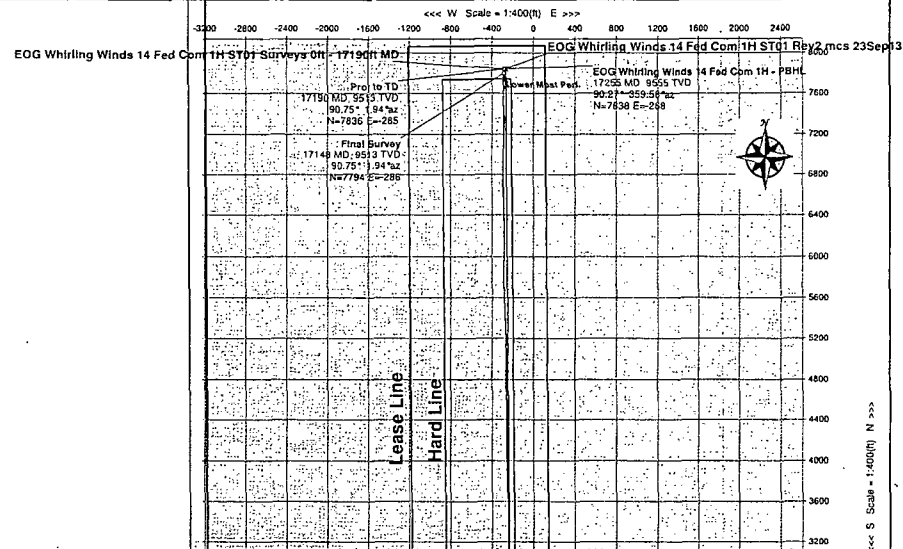
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ONG/RBDMs TEST 3/17/14

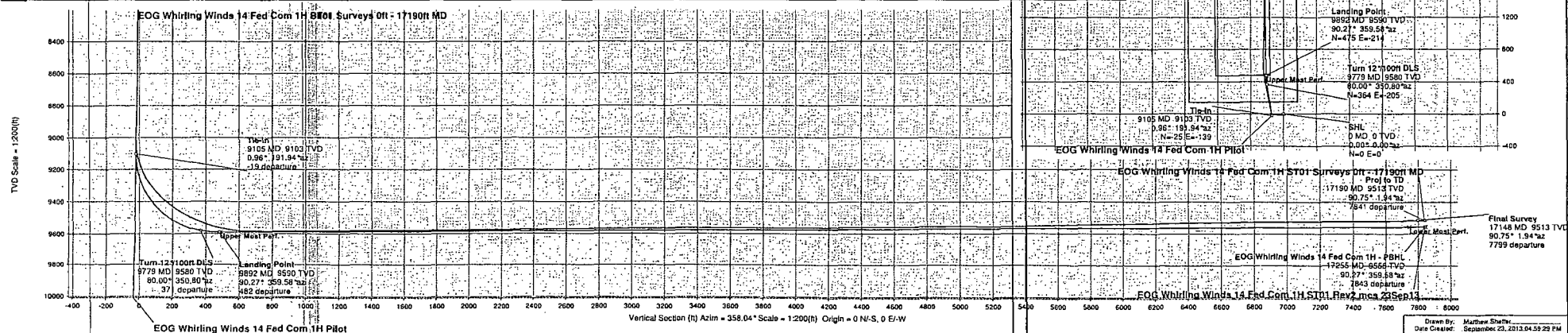
Whirling Winds 14 Fed Com 1H		FILED		Lea County, NM (NAD 27)		STRUCTURE		Cactus 123	
Mapset# Model:	Parasite BGGM 2012	Dtg: 8/9/24*	Date: September 23, 2013	Surface Location Lat: N 33 3 06.19 Lon: W 103 31 43.24	NAD27 New Mexico State Plane, Sauer Zone, US Feet Northing: 352893.00 NLIS Easting: 747449.00 NLIS	Grid Conv: 0.424" Scale Factor: 0.99997922	Monumentation Stn: Plan:	Whirling Winds 14 Fed Com 1H ST01 Rv2 mss 23Sta3	TVD Ref. Survey Date: September 23, 2013



Grid North
 Tot Corr (M->G 6.9592°)
 Mag Dec (7.383°)
 Grid Conv (0.424°)

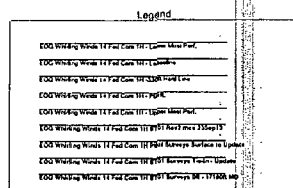


Critical Points																
Comments	Survey MD	Inc	Azim	TVD	SSTVD	VS	NS	EW	Longitude	Latitude	Easting	Northing	DLS	Tool Face		
SHL	0.00	0.00	0.00	0.00	-3367.00	0.00	0.00	0.00	N 32 3	0.619	W 103 32	4.824	747449.00	382893.00	138.96	
Tie-In	9105.15	0.96	191.94	9102.77	5735.77	-20.50	-25.26	-139.04	N 32 3	0.379	W 103 32	6.441	747309.96	382867.74	350.80	
Turn 12°/100ft DLS	9779.31	80.00	350.80	9580.47	6213.47	370.54	363.77	-204.55	N 32 3	4.233	W 103 32	7.169	747244.45	383256.76	40.89	
Landing Point	9891.67	90.27	359.58	9590.00	6223.00	482.10	475.07	-213.85	N 32 3	5.335	W 103 32	7.267	747235.15	383368.06	-30.74	
PBHL	17255.05	90.27	359.58	9555.00	6188.00	7842.76	7838.18	-268.01	N 32 4	18.201	W 103 32	7.264	747181.00	390731.00	0.00	

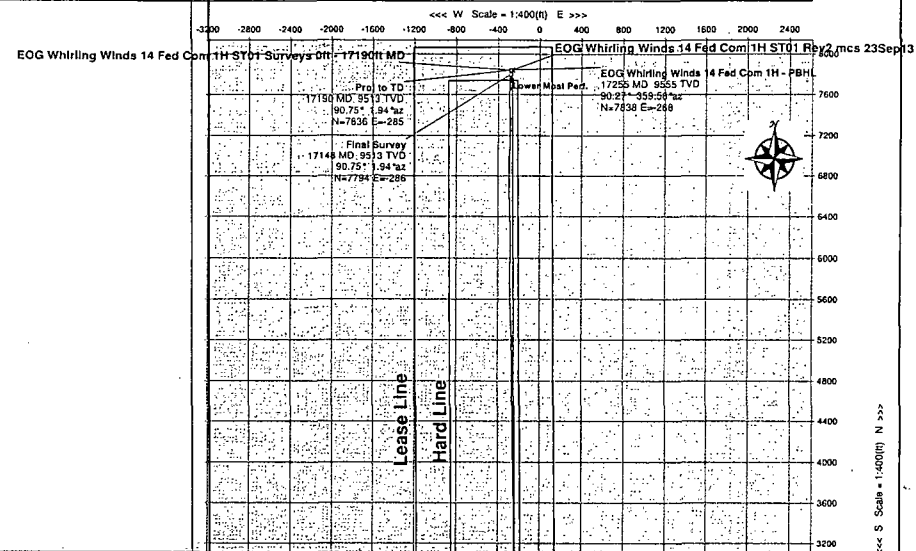


Drawn By: Matthew Shaffer
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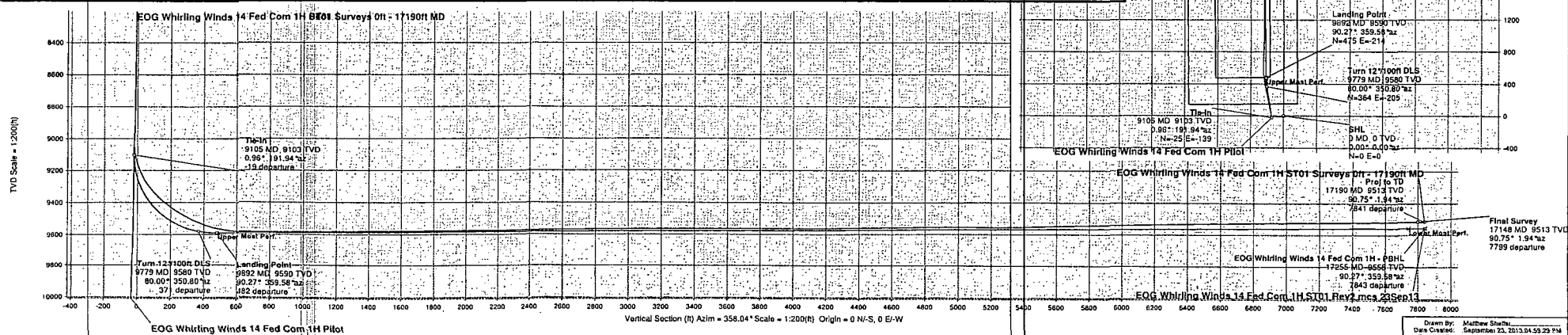
WF11		Whirling Winds 14 Fed Com IH		PH13		Lea County, NM (NAD 27)		STRUCTURE		Cactus 123	
Magnum Parameters				Surface Location				NAD27 New Mexico State Plane, Eastern Zone, US Feet			
Model:		BGGM 2012		Dip:		59.928°		Date:		September 23, 2013	
		Mag Dec:				7.387°		FS:		49251 mWT	
				Lat:				N 32 3 0.619			
				Lon:				W 103 32 4.424			
				Heading:				747449.00 H115			
				Grid Cont:				0 434°			
				Scale Plus:				U 99997922			
Miscellaneous											
Sho:		Whirling Winds 14 Fed Com IH		TYD Ref:		RXXB(13670 above)					
Plan:		ST01.Rq12 over 235a11		Src Date:		September 21, 2013					



Grid North Tot Corr (M->G 6.9592°) Mag Dec (7.383°) Grid Conv (0.424°)

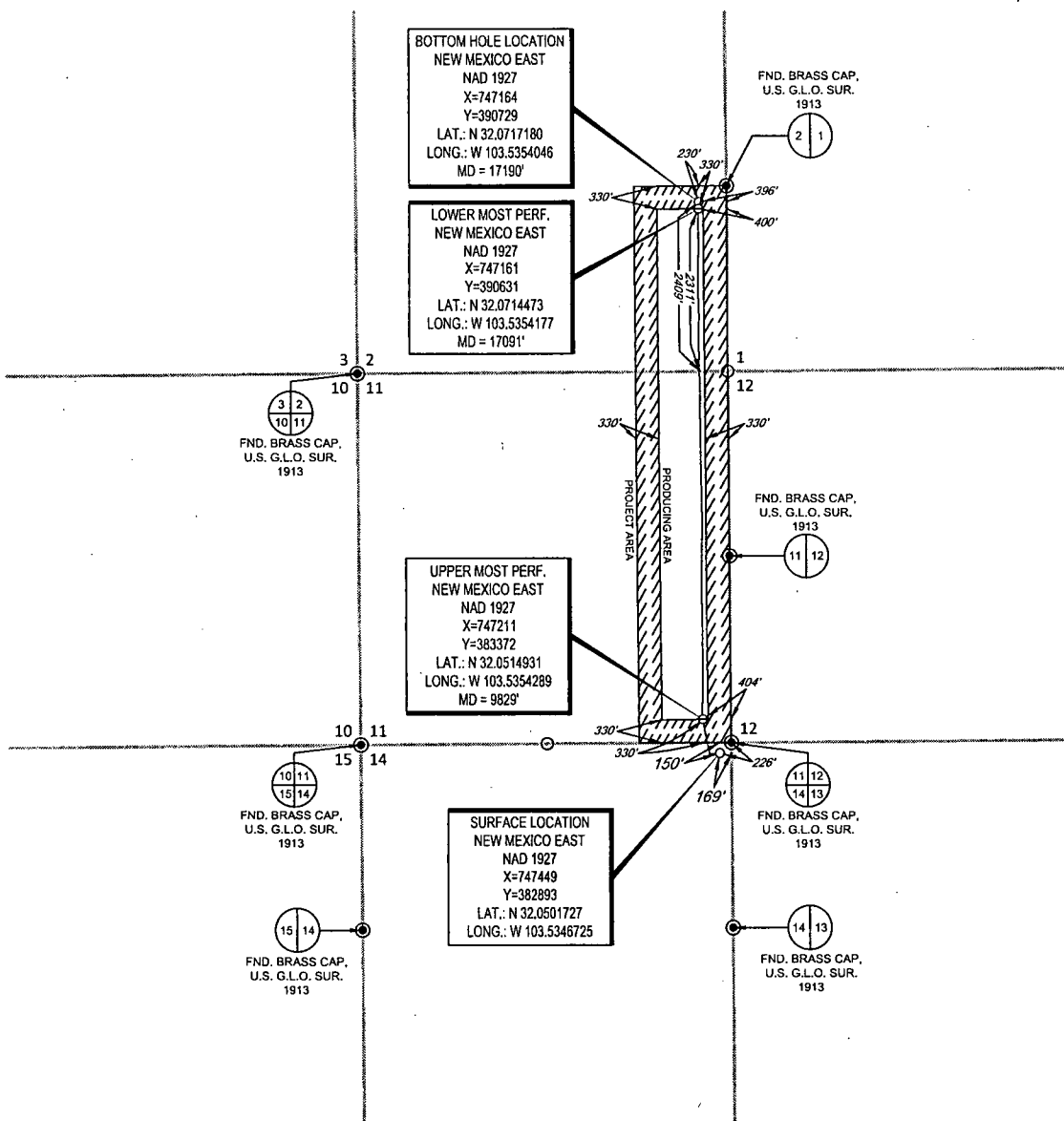


Critical Points														
Comments	Survey MD	Inc	Azim	TVD	SSTVD	VS	NS	EW	Longitude	Latitude	Easting	Northing	DLS	Tool Face
SHL	0.00	0.00	0.00	0.00	-3367.00	0.00	0.00	0.00	N 32° 3'	0.619° W 103 32'	4.824	747449.00	382893.00	138.96
Tie-In	9105.15	0.96	191.94	9102.77	5735.77	-20.50	-25.26	-139.04	N 32° 3'	0.379° W 103 32'	6.441	747309.96	382867.74	350.80
Turn 12°/100ft DLS	9779.31	80.00	350.80	9580.47	6213.47	370.54	363.77	-204.55	N 32° 3'	4.233° W 103 32'	7.169	747244.45	383256.76	40.89
Landing Point	9891.67	90.27	359.58	9590.00	6223.00	482.10	475.07	-213.85	N 32° 3'	5.335° W 103 32'	7.267	747235.15	383368.06	-30.74
PBHL	17255.05	90.27	359.58	9555.00	6188.00	7842.76	7838.18	-268.01	N 32° 4'	18.201° W 103 32'	7.264	747181.00	390731.00	



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Approved Date:

SECTION 14, TOWNSHIP 26 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: WHIRLING WIND 14 FED COM #1H
SECTION 14 TWP 26-S RGE 33-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION XXXX'
DESCRIPTION 150' FNL & 169' FEL

"PRELIMINARY, THIS DOCUMENT SHALL NOT
BE RECORDED FOR ANY PURPOSE."

Michael Blake Brown, P.S. No. 18329
NOVEMBER 1, 2013



Geog resources, Inc.

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2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
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WHIRLING WIND 14 FED COM #1H AS-COMPLETED	REVISION:	
	INT	DATE
DATE: 11/1/13		
FILE:AD_WHIRLINGWIND14FEDCOM_1H		
DRAWN BY: S.V.		
SHEET: 1 OF 1		

- NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1983.
 3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY EGO RESOURCES, INC. ONLY.
 4. THIS EASEMENT IS NOT TO BE CONSIDERED A GUARANTEE OF THE DATE OF THIS SURVEY, OR THE ACCURACY OF THE EASEMENT AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.
 5. B.O.L.P.O.B. = BEGINNING OF LINE/POINT OF BEGINNING
 6. E.O.L.P.O.E. = END OF LINE/POINT OF EXIT



EOG Whirling Winds 14 Fed Com 1H ST01 Surveys Off - 17190ft MD Survey
Geodetic Report
(Non-Def Survey)



Report Date: January 10, 2014 - 12:01 PM
Client: EOG Resources
Field: NM Lea County (NAD 27)
Structure / Slot: EOG Whirling Winds 14 Fed Com 1H / EOG Whirling Winds 14 Fed Com 1H
Well: EOG Whirling Winds 14 Fed Com 1H
Borehole: ST01
UM / APM: Cactus 123 / Unknown
Survey Name: EOG Whirling Winds 14 Fed Com 1H ST01 Surveys Off - 17190ft MD
Survey Date: September 23, 2013
Tort / AHD / DDI / ERD Ratio: 171.529' / 8069.518 ft / 6.395 / 0.842
Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 3' 0.61667", W 103° 32' 4.82370"
Location Grid NE Y/X: N 382893.000 RUS, E 747449.000 RUS
CRS Grid Convergence Angle: 0.4238°
Grid Scale Factor: 0.99997922
Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 358.042° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3367.000 ft above
Seabed / Ground Elevation: 3337.000 ft above
Magnetic Declination: 7.383°
Total Gravity Field Strength: 998.478mg (9.80665 Based)
Total Magnetic Field Strength: 48251.583 nT
Magnetic Dip Angle: 59.926°
Declination Date: September 23, 2013
Magnetic Declination Model: BGM2012
North Reference: Grid North
Grid Convergence Used: 0.4238°
Total Corr Mag North-Grid North: 6.9592°
Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (ft/100ft)	Northings (ftUS)	Eastings (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	TF (°)
SHL	0.00	0.00	0.00	0.00	-3367.00	0.00	0.00	0.00	0.00	0.00	N/A	382893.00	747449.00	N 32 3 0.62 W 103 32 4.82		138.96M
	100.00	0.85	138.96	100.00	-3267.00	-0.58	-0.56	0.49	0.74	138.96	0.85	382892.44	747449.49	N 32 3 0.61 W 103 32 4.82		141.94M
	200.00	0.91	141.94	199.98	-3187.02	-1.79	-1.74	1.46	2.28	140.00	0.08	382891.28	747450.46	N 32 3 0.60 W 103 32 4.81		154.98M
	300.00	1.13	154.98	299.97	-3067.03	-3.34	-3.26	2.37	4.03	144.01	0.32	382889.74	747451.37	N 32 3 0.59 W 103 32 4.80		136.15M
	400.00	0.88	136.18	399.95	-2967.05	-4.82	-4.71	3.32	5.76	144.83	0.41	382888.29	747452.32	N 32 3 0.57 W 103 32 4.79		146.51M
	500.00	0.96	146.51	499.94	-2867.06	-6.11	-5.96	4.31	7.36	144.12	0.18	382887.04	747453.31	N 32 3 0.56 W 103 32 4.77		125.05M
	600.00	1.08	125.08	599.93	-2767.07	-7.39	-7.20	5.55	9.09	142.41	0.40	382885.80	747454.55	N 32 3 0.55 W 103 32 4.76		114.63M
	700.00	1.52	114.63	699.90	-2667.10	-8.55	-8.30	7.52	11.20	137.80	0.50	382884.70	747456.52	N 32 3 0.54 W 103 32 4.74		118.38M
	800.00	1.62	118.38	799.86	-2567.14	-9.81	-9.48	10.00	13.77	133.48	0.11	382883.52	747458.99	N 32 3 0.52 W 103 32 4.71		120.73M
	900.00	1.71	120.73	899.82	-2467.18	-11.29	-10.87	12.54	16.60	130.91	0.16	382882.13	747461.54	N 32 3 0.51 W 103 32 4.68		123.92M
	960.00	1.74	123.92	959.79	-2407.21	-12.31	-11.83	14.07	18.39	130.07	0.17	382881.17	747463.07	N 32 3 0.50 W 103 32 4.66		119.27M
	1143.00	1.14	119.27	1142.73	-2224.27	-14.88	-14.28	17.96	22.94	128.47	0.33	382878.72	747466.96	N 32 3 0.48 W 103 32 4.62		259.19M
	1325.00	1.14	259.19	1324.72	-2042.28	-16.10	-15.50	17.76	23.58	131.11	1.18	382877.50	747468.76	N 32 3 0.48 W 103 32 4.62		261.92M
	1515.00	1.41	261.92	1514.67	-1852.33	-16.64	-16.18	15.59	21.13	139.97	0.15	382876.82	747462.59	N 32 3 0.46 W 103 32 4.67		262.01M
	1705.00	1.76	262.01	1704.60	-1662.40	-17.19	-16.92	8.39	18.88	153.62	0.18	382876.08	747457.39	N 32 3 0.45 W 103 32 4.73		283.35M
	1894.00	0.97	283.36	1893.54	-1473.46	-17.08	-16.95	3.96	17.41	166.86	0.49	382876.05	747452.96	N 32 3 0.45 W 103 32 4.78		275.45M
	2085.00	0.97	275.45	2084.52	-1282.48	-16.44	-16.42	0.78	16.44	177.29	0.07	382876.58	747449.78	N 32 3 0.46 W 103 32 4.82		280.64M
	2274.00	0.97	280.64	2273.49	-1093.51	-15.89	-15.98	-2.39	16.15	188.50	0.05	382877.02	747446.81	N 32 3 0.46 W 103 32 4.85		279.14M
	2464.00	0.88	279.14	2463.47	-903.53	-15.25	-15.45	-5.41	16.37	199.30	0.05	382877.55	747443.59	N 32 3 0.47 W 103 32 4.89		281.17M
	2653.00	0.82	281.17	2652.45	-714.55	-14.74	-15.02	-7.85	16.95	207.58	0.14	382877.98	747441.15	N 32 3 0.47 W 103 32 4.92		297.87M
	2843.00	0.82	297.87	2842.44	-524.56	-14.00	-14.34	-9.76	17.35	214.25	0.09	382878.66	747439.24	N 32 3 0.48 W 103 32 4.94		296.11M
	3033.00	1.49	296.11	3032.40	-334.60	-12.32	-12.77	-12.89	18.15	225.26	0.46	382880.23	747436.11	N 32 3 0.49 W 103 32 4.97		285.83M
	3223.00	0.97	285.83	3222.36	-144.64	-10.67	-11.25	-16.66	20.10	235.97	0.30	382881.75	747432.34	N 32 3 0.51 W 103 32 5.02		291.54M
	3412.00	1.23	291.54	3411.33	44.33	-9.37	-10.07	-20.08	22.46	243.38	0.15	382882.84	747428.92	N 32 3 0.52 W 103 32 5.06		279.94M
	3601.00	1.14	279.94	3600.29	233.29	-8.18	-8.00	-23.82	25.46	249.31	0.14	382884.00	747425.18	N 32 3 0.53 W 103 32 5.10		326.96M
	3790.00	0.70	326.96	3789.26	422.26	-6.80	-7.00	-26.30	27.41	253.68	0.44	382885.30	747422.70	N 32 3 0.54 W 103 32 5.13		246.01M
	3980.00	0.70	246.01	3979.25	612.25	-6.24	-7.20	-28.00	28.91	255.57	0.48	382885.80	747421.01	N 32 3 0.55 W 103 32 5.15		221.84M
	4171.00	1.85	221.84	4170.20	803.20	-8.90	-9.97	-31.12	32.68	252.23	0.65	382883.03	747417.88	N 32 3 0.52 W 103 32 5.19		265.17M
	4360.00	1.93	265.17	4359.11	992.11	-11.27	-12.51	-36.32	38.42	250.89	0.74	382880.49	747412.68	N 32 3 0.50 W 103 32 5.25		270.71M
	4549.00	1.14	270.71	4548.04	1181.04	-11.34	-12.76	-41.38	43.30	252.86	0.42	382880.24	747407.63	N 32 3 0.50 W 103 32 5.31		296.99M
	4739.00	1.85	296.99	4737.98	1370.98	-9.77	-11.35	-46.00	47.38	256.14	0.51	382881.65	747403.00	N 32 3 0.51 W 103 32 5.36		209.62M
	4928.00	1.58	209.62	4926.92	1559.92	-10.52	-12.23	-50.01	51.48	256.25	1.26	382880.77	747398.99	N 32 3 0.50 W 103 32 5.41		110.06M
	4954.00	1.49	210.06	4952.91	1585.91	-11.11	-12.84	-50.36	51.97	255.70	0.35	382880.16	747398.64	N 32 3 0.50 W 103 32 5.41		227.03M
	5104.00	1.49	227.03	5102.86	1735.86	-14.04	-15.85	-52.76	55.09	253.27	0.29	382877.15	747396.24	N 32 3 0.47 W 103 32 5.44		281.69M
	5199.00	2.11	281.69	5197.82	1830.82	-14.44	-16.34	-55.38	57.74	253.56	1.83	382878.66	747393.82	N 32 3 0.46 W 103 32 5.47		278.79M
	5388.00	1.58	278.79	5386.72	2019.72	-13.13	-15.24	-61.38	63.22	256.05	0.28	382877.76	747397.84	N 32 3 0.47 W 103 32 5.54		274.84M
	5578.00	1.58	274.84	5576.65	2209.65	-12.34	-14.62	-66.56	68.14	257.61	0.06	382878.38	747392.44	N 32 3 0.48 W 103 32 5.60		274.49M
	5767.00	1.14	274.49	5765.59	2398.59	-11.82	-14.25	-71.03	72.44	256.66	0.23	382878.75	747377.97	N 32 3 0.48 W 103 32 5.65		274.14M
	5957.00	1.06	274.14	5955.56	2588.56	-11.42	-13.98	-74.67	75.96	259.40	0.04	382879.02	747374.34	N 32 3 0.49 W 103 32 5.69		284.95M
	6147.00	0.88	284.95	6145.53	2778.53	-10.81	-13.47	-77.83	78.99	260.18	0.13	382879.53	747371.17	N 32 3 0.49 W 103 32 5.73		295.14M
	6337.00	1.32	295.14	6335.50	2968.50	-9.38	-12.17	-81.22	82.12	261.48	0.25	382880.83	747367.78	N 32 3 0.50 W 103 32 5.77		299.01M
	6527.00	1.41	299.01	6525.44	3158.44	-7.18	-10.10	-85.24	85.84	263.24	0.07	382882.90	747363.78	N 32 3 0.52 W 103 32 5.81		283.38M
	6718.00	1.67	299.38	6716.37	3349.37	-4.78	-7.86	-88.85	90.20	265.00	0.16	382885.14	747359.15	N 32 3 0.55 W 103 32 5.87		275.90M
	6909.00	1.67	275.90	6907.29	3540.29	-3.21	-4.46	-95.18	95.40	266.11	0.26	382886.54	747353.83	N 32 3 0.56 W 103 32 5.93		265.43M
	7098.00	1.06	265.43	7096.24	3729.24	-2.91	-6.32	-99.66	99.86	266.37	0.35	382886.68	747349.34	N 32 3 0.56 W 103 32 5.98		286.05M
	7288.00	1.14	286.05	7286.20	3919.20	-3.05	-6.59	-103.30	103.51	266.35	0.04	382886.41	747345.71	N 32 3 0.56 W 103 32 6.02		258.93M
	7478.00	1.32	258.93	7476.16	4109.16	-3.47	-7.14	-107.33	107.52	266.20	0.12	382886.88	747341.67	N 32 3 0.56 W 103 32 6.07		264.38M
	7668.00	1.67	264.38	7666.10	4299.10	-3.99	-7.83	-112.23	112.50	266.01	0.20	382885.17	747338.77	N 32 3 0.55 W 103 32 6.13		280.78M
	7858.00	1.67	280.78	7856.01	4489.01	-4.52	-8.54	-117.72	118.03	265.85	0.06	382884.46	747331.28	N 32 3 0.54 W 103 32 6.19		248.74M
	8048.00	1.85	248.74	8045.93	4678.93	-5.88	-10.10	-123.31	123.72	265.32	0.22	382882.90	747325.69	N 32 3 0.53 W 103 32 6.26		238.72M
	8237.00	1.41	238.72	8234.85	4867.85	-8.03	-12.41	-128.14	128.74	264.47	0.28	382880.59	747320.86	N 32 3 0.51 W 103 32 6.31		254.54M
	8427.00	1.32	254.54	8424.80	5057.80	-9.68	-14.21	-132.25	133.01	263.87	0.20	382878.79	747316.75	N 32 3 0.49 W 103 32 6.38		246.01M
	8616.00	1.14	246.01	8613.75	5246.75	-10.90	-15.55	-136.06	136.95	263.48	0.14	382877.45	747312.94	N 32 3 0.47 W 103 32 6.41		195.03M
	8805.00	0.79	195.03	8802.73	5435.73	-12.85	-17.58	-138.12	139.23	262.75	0.47	382875.42	747310.88	N 32 3 0.45 W 103 32 6.43		184.05M
	8995.00	2.11	184.05	8992.66	5625.66	-17.58	-22.33	-138.71	140.49	260.85	0.71	382870.87	747310.30	N 32 3 0.41 W 103 32 6.44		184.57M

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	TVDSS (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (ft/100ft)	Northing (ft)	Easting (ft)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')	TF (°)
	9911.00	82.13	357.67	9577.09	6210.08	567.15	559.07	-246.00	610.80	336.25	10.11	383452.06	747203.00	N 32 3 6.17 W 103 32	7.63	43.92R
	9943.00	85.12	0.55	9580.64	6213.64	598.94	590.87	-246.48	640.22	337.36	12.93	383483.85	747202.51	N 32 3 6.48 W 103 32	7.64	14.1R
	9974.00	86.79	0.97	9582.83	6215.83	629.83	621.78	-246.08	668.71	338.41	5.55	383514.77	747202.92	N 32 3 6.79 W 103 32	7.63	10.56R
	10006.00	88.99	1.38	9584.01	6217.01	661.78	653.75	-245.43	698.31	339.42	6.99	383546.74	747203.58	N 32 3 7.11 W 103 32	7.62	1.3R
	10038.00	89.43	1.39	9584.45	6217.45	693.70	685.74	-244.65	728.08	340.36	1.38	383578.73	747204.35	N 32 3 7.42 W 103 32	7.61	34.92R
	10069.00	89.96	1.76	9584.61	6217.61	724.84	716.73	-243.80	757.06	341.21	2.09	383609.71	747205.20	N 32 3 7.73 W 103 32	7.59	8.39L
	10164.00	90.57	1.67	9584.18	6217.18	819.44	811.69	-240.96	846.70	343.47	0.65	383704.67	747208.05	N 32 3 8.67 W 103 32	7.55	62.78L
	10259.00	90.75	1.32	9583.08	6216.08	914.27	906.65	-238.48	937.49	345.26	0.41	383799.63	747210.52	N 32 3 9.61 W 103 32	7.52	90L
	10354.00	90.75	0.97	9581.84	6214.84	1009.12	1001.62	-236.58	1029.18	346.71	0.37	383894.60	747212.42	N 32 3 10.55 W 103 32	7.49	121.53L
	10449.00	90.48	0.53	9580.82	6213.82	1104.01	1096.61	-235.34	1121.57	347.89	0.54	383989.58	747213.67	N 32 3 11.49 W 103 32	7.46	HS
	10544.00	90.57	0.53	9579.95	6212.95	1198.91	1191.60	-234.45	1214.45	348.87	0.09	384084.57	747214.54	N 32 3 12.43 W 103 32	7.45	HS
	10640.00	90.57	0.53	9578.99	6211.99	1294.82	1287.59	-233.57	1308.60	349.72	0.00	384180.56	747215.43	N 32 3 13.38 W 103 32	7.43	80.27L
	10735.00	90.75	359.48	9577.90	6210.90	1389.75	1382.58	-233.56	1402.17	350.41	1.12	384275.55	747215.44	N 32 3 14.32 W 103 32	7.42	152.78L
	10829.00	90.40	359.30	9576.95	6209.95	1483.72	1476.57	-234.57	1495.09	350.97	0.42	384369.54	747214.44	N 32 3 15.25 W 103 32	7.42	64.09L
	10924.00	90.57	358.95	9576.15	6209.15	1578.70	1571.56	-236.02	1589.18	351.46	0.41	384464.52	747212.99	N 32 3 16.19 W 103 32	7.43	LS
	11019.00	90.31	358.95	9575.42	6208.42	1673.69	1666.54	-237.76	1683.41	351.88	0.27	384559.50	747211.25	N 32 3 17.13 W 103 32	7.44	LS
	11114.00	90.22	358.95	9574.98	6207.98	1768.67	1761.52	-238.50	1777.73	352.26	0.09	384654.48	747209.51	N 32 3 18.07 W 103 32	7.45	160.91L
	11208.00	89.96	358.86	9574.83	6207.83	1862.66	1855.50	-241.29	1871.13	352.59	0.29	384748.46	747207.71	N 32 3 19.00 W 103 32	7.47	51.5R
	11303.00	90.31	359.30	9574.61	6207.61	1957.05	1950.49	-242.82	1965.55	352.90	0.59	384843.45	747206.19	N 32 3 19.94 W 103 32	7.48	27.8L
	11398.00	90.48	359.21	9573.96	6206.96	2052.62	2045.48	-244.05	2059.99	353.20	0.20	384938.43	747204.95	N 32 3 20.88 W 103 32	7.48	115.2L
	11493.00	90.40	359.04	9573.23	6206.23	2147.60	2140.47	-245.51	2154.50	353.46	0.20	385033.42	747203.50	N 32 3 21.82 W 103 32	7.49	81.41R
	11587.00	90.48	359.57	9572.50	6205.50	2241.58	2234.46	-246.65	2248.03	353.70	0.57	385127.40	747202.36	N 32 3 22.75 W 103 32	7.50	HS
	11683.00	90.96	359.57	9571.55	6204.55	2337.54	2330.45	-247.73	2343.84	353.94	0.19	385223.44	747201.64	N 32 3 23.70 W 103 32	7.50	90R
	11778.00	90.66	0.09	9570.45	6203.45	2432.49	2425.44	-247.65	2448.05	354.17	0.55	385318.39	747201.36	N 32 3 24.64 W 103 32	7.49	135L
	11872.00	90.57	0.00	9569.45	6202.45	2528.42	2519.44	-247.57	2531.57	354.39	0.14	385412.38	747201.43	N 32 3 25.57 W 103 32	7.48	90L
	11967.00	90.57	358.83	9568.50	6201.50	2621.37	2614.43	-247.71	2626.14	354.59	0.18	385507.37	747201.29	N 32 3 26.51 W 103 32	7.48	90R
	12062.00	90.57	0.62	9567.56	6200.56	2716.29	2709.42	-247.34	2720.69	354.78	0.83	385602.36	747201.66	N 32 3 27.45 W 103 32	7.48	168.44R
	12157.00	90.13	0.71	9566.97	6199.97	2811.19	2804.42	-246.24	2815.21	354.88	0.47	385697.35	747202.77	N 32 3 28.38 W 103 32	7.44	22.25L
	12252.00	90.57	0.53	9566.39	6199.39	2906.09	2899.41	-245.21	2909.76	354.97	0.50	385792.34	747203.79	N 32 3 29.33 W 103 32	7.42	152.1L
	12347.00	90.40	0.44	9565.59	6198.59	3001.00	2994.40	-244.41	3004.36	355.33	0.20	385887.33	747204.60	N 32 3 30.27 W 103 32	7.41	90L
	12442.00	90.40	0.18	9564.93	6197.93	3095.93	3089.40	-243.89	3099.01	355.49	0.27	385982.33	747205.11	N 32 3 31.21 W 103 32	7.39	45R
	12537.00	90.66	0.44	9564.05	6197.05	3190.85	3184.39	-243.38	3193.68	355.83	0.39	386077.32	747205.63	N 32 3 32.15 W 103 32	7.38	90L
	12632.00	90.66	0.00	9562.95	6195.95	3285.77	3279.39	-243.01	3288.36	355.78	0.46	386172.31	747205.99	N 32 3 33.09 W 103 32	7.37	135.54L
	12727.00	90.13	359.48	9562.30	6195.30	3380.79	3374.38	-243.45	3383.15	355.87	0.78	386267.30	747205.56	N 32 3 34.03 W 103 32	7.36	90L
	12823.00	90.13	359.13	9561.08	6194.08	3476.71	3470.37	-244.61	3478.98	355.97	0.36	386363.29	747204.40	N 32 3 34.98 W 103 32	7.37	111.12L
	12918.00	89.96	358.69	9560.01	6193.01	3571.69	3565.36	-246.42	3573.86	356.05	0.50	386458.28	747202.59	N 32 3 35.92 W 103 32	7.38	17.1R
	13012.00	90.22	358.77	9561.86	6194.86	3665.69	3659.33	-246.50	3667.76	356.12	0.29	386552.25	747200.51	N 32 3 36.85 W 103 32	7.40	148.47R
	13107.00	89.78	359.04	9561.86	6194.86	3760.68	3754.32	-250.32	3762.85	356.19	0.54	386647.23	747198.89	N 32 3 37.79 W 103 32	7.41	90L
	13202.00	89.78	358.77	9562.22	6195.22	3855.66	3849.30	-252.13	3857.55	356.25	0.28	386742.21	747198.87	N 32 3 38.73 W 103 32	7.42	55.31L
	13298.00	89.96	359.51	9562.44	6195.44	3951.68	3945.27	-254.41	3953.46	356.31	0.33	386838.18	747194.60	N 32 3 39.68 W 103 32	7.44	22.25L
	13393.00	90.40	358.33	9562.14	6195.14	4046.66	4040.23	-257.03	4048.40	356.36	0.50	386933.14	747191.98	N 32 4 0.62 W 103 32	7.46	90R
	13488.00	90.40	358.60	9561.48	6194.48	4141.65	4135.20	-259.57	4143.34	356.41	0.28	387028.10	747189.43	N 32 4 1.56 W 103 32	7.48	75.95R
	13583.00	90.84	0.36	9560.45	6193.45	4236.61	4230.16	-260.44	4238.19	356.48	1.91	387123.09	747188.57	N 32 4 2.50 W 103 32	7.49	86.52L
	13677.00	90.92	359.04	9559.01	6192.01	4330.56	4324.17	-260.93	4332.03	356.55	1.41	387217.07	747188.08	N 32 4 3.43 W 103 32	7.48	135R
	13772.00	90.66	359.30	9557.70	6190.70	4425.53	4419.15	-262.30	4426.93	356.60	0.39	387312.05	747186.70	N 32 4 4.37 W 103 32	7.49	90R
	13867.00	90.66	0.18	9556.60	6189.60	4520.48	4514.14	-262.74	4521.78	356.67	0.93	387407.04	747186.27	N 32 4 5.31 W 103 32	7.49	113.89R
	13962.00	90.31	359.39	9555.80	6188.80	4615.43	4609.14	-263.09	4616.64	356.73	0.91	387502.03	747185.91	N 32 4 6.25 W 103 32	7.48	19.09R
	14057.00	90.57	359.48	9555.07	6188.07	4710.40	4704.13	-264.03	4711.53	356.79	0.29	387597.02	747184.06	N 32 4 7.19 W 103 32	7.49	108.1R
	14150.00	90.40	0.00	9554.28	6187.28	4803.36	4797.12	-264.45	4804.41	356.84	0.59	387690.01	747184.56	N 32 4 8.11 W 103 32	7.48	45L
	14245.00	90.48	359.92	9553.55	6186.55	4898.30	4892.12	-264.52	4899.27	356.91	0.12	387785.01	747184.49	N 32 4 9.05 W 103 32	7.48	157.75L
	14340.00	90.04	359.74	9553.12	6186.12	4993.26	4987.12	-264.80	4994.14	356.96	0.50	387880.01	747184.21	N 32 4 9.99 W 103 32	7.47	119.85L
	14435.00	89.69	358.13	9553.35	6186.35	5088.23	5082.11	-265.74	5089.06	357.01	0.74	387975.00	747183.27	N 32 4 10.93 W 103 32	7.47	110.12L
	14531.00	89.43	358.42	9554.08	6187.08	5184.21	5178.09	-267.79	5185.01	357.04	0.79	388070.97	747181.22	N 32 4 11.87 W 103 32	7.49	20.06L
	14626.00	91.10	357.81	9553.64	6186.64	5279.21	5273.03	-270.91	5279.99	357.06	1.87	388165.91	747178.09	N 32 4 12.82 W 103 32	7.52	90L
	14721.00	91.10	357.54	9551.82	6184.82	5374.19	5368.04	-274.77	5374.96	357.07	0.28	388260.81	747174.24	N 32 4 13.76 W 103 32	7.55	19.09R
	14816.00	91.36	357.63	9549.78	6182.78	5469.17	5462.83	-278.77	5469.94	357.08	0.29	388355.71	747170.24	N 32 4 14.70 W 103 32	7.59	90R
	14911.00	91.36	358.51	9547.53	6180.53	5564.14	5557.75	-281.97	5564.80	357.10	0.93	388450.62	747167.04	N 32 4 15.64 W 103 32	7.62	102.87R
	15006.00	91.28	358.96	9545.34	6178.34	5659.11	5652.70	-284.15	5659.84	357.12	0.38	388545.57	747164.68	N 32 4 16.58 W 103 32	7.64	79.69R
	15101.00	91.36	359.30	9543.15	6176.15	5754.07	5747.66	-285.67	5754.76	357.15	0.47	388640.53	747163.34	N 32 4 17.52 W 103 32	7.65	94.7R
	15196.00	91.28	0.27	9540.96	6173.96	5849.00	5842.63	-286.03	5849.63	357.20	1.02	388735.50	747162.98	N 32 4 18		

CURRENT WELL SKETCH

