

Oxy Corral Canyon 36-25 Federal Com 26H Gyro+MWD 0-19,660' Survey

Geodetic Report

(Def Survey)



Report Date: April 11, 2018 - 11:41 AM
 Client: OXY
 Field: NM Eddy County (NAD 83)
 Structure / Slot: Oxy Corral Canyon 36-25 Federal Com 26H / Oxy Corral Canyon 36-25 Federal Com 26H
 Well: Oxy Corral Canyon 36-25 Federal Com 26H
 Borehole: Original Borehole
 UWI / API#: Unknown / 30-015-44636
 Survey Name: Oxy Corral Canyon 36-25 Federal Com 26H Gyro+MWD 0-19,660'
 Survey Date: March 19, 2018
 Tort / AHD / DDI / ERD Ratio: 427.723' / 11613 550 ft / 7.026 / 1.264
 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 0' 50.35803", W 103° 56' 0" 15016"
 Location Grid N/E Y/X: N 423623 780 NUS, E 865099 060 NUS
 CRS Grid Convergence Angle: 0.2129°
 Grid Scale Factor: 0.99992663
 Version / Patch: 2.10.715.0

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 3.981° (Grid North)
 Vertical Section Origin: 0 000 ft, 0 000 ft
 TVD Reference Datum: RKB=26.5'
 TVD Reference Elevation: 3162.500 ft above MSL
 Seated / Ground Elevation: 3136.000 ft above MSL
 Magnetic Declination: 6.981°
 Total Gravity Field Strength: 998.448mgm (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 48011.190 nT
 Magnetic Dip Angle: 59.924°
 Declination Date: March 19, 2018
 Magnetic Declination Model: HDGM 2018
 North Reference: Grid North
 Grid Convergence Used: 0.2129°
 Total Cor Mag North-Grid North: 6.7677°
 Local Coord Referenced To: Well Head

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 01 2018

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Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ft)	Easting (ft)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
RKB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	423623.78	865099.06	N 32° 0' 50.36" W 103° 56' 0.15"	
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	423623.78	865099.06	N 32° 0' 50.36" W 103° 56' 0.15"	
	99.83	0.03	233.00	99.83	-0.01	-0.01	-0.02	0.04	423623.77	865099.04	N 32° 0' 50.36" W 103° 56' 0.15"	
	189.07	0.10	259.99	189.07	-0.05	-0.04	-0.11	0.08	423623.74	865098.95	N 32° 0' 50.36" W 103° 56' 0.15"	
	278.37	0.21	252.18	278.37	-0.13	-0.10	-0.34	0.13	423623.68	865098.72	N 32° 0' 50.36" W 103° 56' 0.15"	
	373.60	0.45	253.64	373.60	-0.32	-0.26	-0.87	0.25	423623.52	865098.18	N 32° 0' 50.35" W 103° 56' 0.18"	
	487.92	0.40	248.21	487.92	-0.59	-0.49	-1.53	0.07	423623.29	865097.53	N 32° 0' 50.35" W 103° 56' 0.17"	
	583.44	0.38	254.98	583.44	-0.84	-0.69	-2.14	0.05	423623.09	865096.92	N 32° 0' 50.35" W 103° 56' 0.18"	
	652.68	0.66	256.18	652.67	-1.09	-0.89	-2.93	0.31	423622.89	865096.13	N 32° 0' 50.35" W 103° 56' 0.18"	
	770.00	0.92	273.02	769.98	-1.32	-1.01	-4.53	0.29	423622.77	865094.53	N 32° 0' 50.35" W 103° 56' 0.20"	
	882.00	0.34	291.05	881.97	-1.25	-0.87	-5.62	0.66	423622.91	865093.54	N 32° 0' 50.35" W 103° 56' 0.21"	
	953.00	0.17	337.06	952.97	-1.05	-0.65	-5.82	0.28	423623.13	865093.24	N 32° 0' 50.35" W 103° 56' 0.22"	
	1042.00	0.16	294.06	1041.97	-0.88	-0.47	-5.99	0.14	423623.31	865093.07	N 32° 0' 50.35" W 103° 56' 0.22"	
	1221.00	0.00	118.54	1220.97	-0.80	-0.37	-6.22	0.09	423623.41	865092.84	N 32° 0' 50.35" W 103° 56' 0.22"	
	1310.00	0.13	277.09	1309.97	-0.80	-0.36	-6.32	0.15	423623.42	865092.74	N 32° 0' 50.35" W 103° 56' 0.22"	
	1500.00	0.20	302.13	1499.97	-0.63	-0.18	-6.81	0.05	423623.62	865092.25	N 32° 0' 50.35" W 103° 56' 0.23"	
	1595.00	0.13	202.72	1594.97	-0.65	-0.17	-6.99	0.27	423623.81	865092.07	N 32° 0' 50.35" W 103° 56' 0.23"	
	1690.00	0.20	262.11	1689.97	-0.70	-0.29	-7.20	0.18	423623.49	865091.86	N 32° 0' 50.35" W 103° 56' 0.23"	
	1785.00	0.22	119.07	1784.97	-0.90	-0.40	-7.20	0.42	423623.38	865091.86	N 32° 0' 50.35" W 103° 56' 0.23"	
	1880.00	0.40	134.15	1879.97	-1.19	-0.72	-8.81	0.21	423623.08	865092.88	N 32° 0' 50.35" W 103° 56' 0.23"	
	1975.00	0.50	130.26	1974.96	-1.65	-1.22	-8.25	0.11	423622.56	865092.81	N 32° 0' 50.35" W 103° 56' 0.23"	
	2070.00	0.23	152.98	2068.96	-2.06	-1.66	-5.85	0.32	423622.12	865093.21	N 32° 0' 50.34" W 103° 56' 0.22"	
	2184.00	0.11	47.76	2183.96	-2.16	-1.77	-5.70	0.30	423622.01	865093.36	N 32° 0' 50.34" W 103° 56' 0.22"	
	2355.00	0.32	61.79	2354.96	-1.74	-1.39	-5.09	0.11	423622.39	865093.97	N 32° 0' 50.34" W 103° 56' 0.21"	
	2545.00	0.23	24.58	2544.96	-1.10	-0.78	-4.47	0.10	423622.99	865094.60	N 32° 0' 50.35" W 103° 56' 0.20"	
	2734.00	0.28	147.27	2733.96	-1.11	-0.84	-4.08	0.24	423622.94	865095.00	N 32° 0' 50.35" W 103° 56' 0.20"	
	2924.00	0.20	139.49	2923.96	-1.72	-1.48	-3.69	0.05	423622.30	865095.47	N 32° 0' 50.34" W 103° 56' 0.19"	
	3019.00	0.30	175.16	3018.96	-2.09	-1.85	-3.46	0.19	423621.93	865095.80	N 32° 0' 50.34" W 103° 56' 0.19"	
	3209.00	0.34	206.66	3208.95	-3.10	-2.85	-3.67	0.09	423620.93	865095.39	N 32° 0' 50.33" W 103° 56' 0.19"	
	3304.00	0.33	255.19	3303.95	-3.45	-3.17	-4.08	0.29	423620.81	865095.00	N 32° 0' 50.32" W 103° 56' 0.20"	
	3494.00	0.11	343.18	3493.95	-3.45	-3.14	-4.85	0.18	423620.61	865094.41	N 32° 0' 50.33" W 103° 56' 0.20"	
	3683.00	0.13	87.64	3682.95	-3.30	-2.99	-4.49	0.11	423620.74	865094.57	N 32° 0' 50.33" W 103° 56' 0.20"	
	3778.00	0.08	87.03	3777.95	-3.30	-3.01	-4.31	0.06	423620.77	865094.75	N 32° 0' 50.33" W 103° 56' 0.20"	
	3873.00	0.17	7.47	3872.95	-3.15	-2.88	-4.23	0.18	423620.92	865094.83	N 32° 0' 50.33" W 103° 56' 0.20"	
	3968.00	0.23	329.71	3967.95	-2.85	-2.56	-4.31	0.15	423621.22	865094.75	N 32° 0' 50.33" W 103° 56' 0.20"	
	4158.00	4.10	46.84	4157.78	2.45	2.42	0.46	2.13	423626.20	865099.52	N 32° 0' 50.38" W 103° 56' 0.14"	
	4253.00	8.02	45.00	4252.41	8.69	8.27	6.46	2.03	423632.05	865105.52	N 32° 0' 50.44" W 103° 56' 0.07"	
	4348.00	7.39	44.04	4348.78	17.12	18.18	14.23	1.45	423639.98	865113.29	N 32° 0' 50.52" W 103° 55' 59.88"	
	4442.00	9.57	45.32	4439.72	27.62	26.02	23.69	2.33	423649.80	865123.05	N 32° 0' 50.61" W 103° 55' 59.87"	
	4537.00	11.73	44.78	4530.06	40.85	38.43	38.41	2.28	423662.21	865135.46	N 32° 0' 50.73" W 103° 55' 59.72"	
	4727.00	15.88	44.80	4717.56	75.13	70.58	68.32	2.17	423694.35	865167.37	N 32° 0' 51.05" W 103° 55' 59.35"	
	4822.00	13.87	43.90	4809.38	93.68	87.99	65.36	2.11	423711.77	865184.42	N 32° 0' 51.22" W 103° 55' 59.15"	
	4917.00	14.21	43.39	4901.54	111.42	104.67	101.27	0.38	423728.44	865200.32	N 32° 0' 51.39" W 103° 55' 59.97"	
	5012.00	13.72	41.72	4983.73	129.33	121.55	116.78	0.67	423745.32	865215.83	N 32° 0' 51.55" W 103° 55' 59.70"	
	5107.00	14.09	40.69	5085.95	147.51	138.73	131.81	0.47	423762.60	865230.88	N 32° 0' 51.72" W 103° 55' 59.61"	
	5202.00	14.26	38.24	5178.06	166.44	156.69	148.59	0.66	423780.48	865246.64	N 32° 0' 51.90" W 103° 55' 59.44"	
	5297.00	14.25	36.99	5270.13	185.91	175.22	160.87	0.32	423788.98	865259.82	N 32° 0' 52.08" W 103° 55' 59.27"	
	5487.00	14.83	33.33	5454.05	226.71	214.81	188.30	0.57	423837.98	865267.35	N 32° 0' 52.47" W 103° 55' 57.80"	
	5582.00	14.76	29.45	5545.90	248.23	234.61	200.93	1.05	423858.67	865289.98	N 32° 0' 52.67" W 103° 55' 57.80"	
	5772.00	14.52	28.01	5729.73	291.83	277.01	224.02	0.23	423900.77	865323.08	N 32° 0' 53.09" W 103° 55' 57.53"	
	5868.00	14.47	27.63	5820.74	313.35	297.83	234.98	0.14	423921.59	865334.02	N 32° 0' 53.29" W 103° 55' 57.40"	
	5961.00	14.28	26.36	5912.77	335.08	319.85	245.87	0.37	423942.61	865344.71	N 32° 0' 53.50" W 103° 55' 57.28"	
	6151.00	14.95	27.24	6098.62	379.24	361.84	287.29	0.37	423985.39	865368.33	N 32° 0' 53.82" W 103° 55' 57.03"	
	6341.00	14.90	31.71	6299.22	423.37	404.21	291.35	0.81	424027.98	865390.39	N 32° 0' 54.35" W 103° 55' 56.74"	
	6436.00	14.89	33.71	6372.02	444.78	424.78	304.54	0.54	424048.51	865403.58	N 32° 0' 54.55" W 103° 55' 56.69"	
	6626.00	14.92	37.29	6555.84	488.41	484.63	332.91	0.48	424088.27	865431.95	N 32° 0' 54.84" W 103° 55' 56.26"	
	6721.00	14.91	38.25	6647.43	506.73	483.85	347.89	0.26	424107.60	865448.92	N 32° 0' 55.13" W 103° 55' 56.08"	
	6911.00	14.91	39.73	6831.04	548.78	521.85	378.94	0.20	424145.59	865477.87	N 32° 0' 55.61" W 103° 55' 55.72"	
	7006.00	14.61	40.43	6922.80	566.31	540.37	394.22	0.37	424184.11	865493.26	N 32° 0' 55.69" W 103° 55' 55.54"	
	7101.00	14.68	39.42	7014.82	585.76	558.79	409.84	0.28	424182.62	865508.67	N 32° 0' 55.87" W 103° 55' 55.36"	
	7196.00	14.83	39.90	7106.68	605.40	577.41	425.08	0.20	424201.15	865524.11	N 32° 0' 56.05" W 103° 55' 55.18"	
	7291.00	14.72	40.01	7198.54	625.00	595.98	440.64	0.12	424219.72	865539.87	N 32° 0' 56.24" W 103° 55' 55.00"	
	7385.00	14.05	39.91	7289.80	643.89	613.88	455.84	0.71	424237.02	865554.98	N 32° 0' 56.41" W 103° 55' 54.82"	
	7480.00	13.12	37.41	7381.94	662.23	631.29	469.59	1.16	424255.03	865569.81	N 32° 0' 56.59" W 103° 55' 54.66"	
	7575.00	10.34	29.51	7568.98	685.44	663.10	490.98	1.70	424288.83	865590.00	N 32° 0' 56.90" W 103° 55' 54.41"	
	7670.00	8.88	25.90	7660.54	710.54	677.71	498.87	0.98	424301.44	865597.69	N 32° 0' 57.04" W 103° 55' 54.32"	
	7765.00	7.92	23.28	7754.42	724.12	690.90	504.74	1.00	424314.83	865603.77	N 32° 0' 57.17" W 103° 55' 54.25"	
	7854.00	7.11	18.93	7848.60	735.98	702.48	509.24	1.04	424326.21	865608.26	N 32° 0' 57.29" W 103° 55' 54.20"	
	8049.00	6.31	12.63	7942.95	746.82	713.13	512.29	1.14	424338.88	865611.31	N 32° 0' 57.39" W 103° 55' 54.16"	
	8144.00	5.92	4.08	8037.41	756.88	723.12	513.78	1.04	424348.64	865612.80	N 32° 0' 57.49" W 103° 55' 54.14"	
	8239.00	6.24	358.34	8130.88	766.79	733.05	513.80	0.94	424358.77	865612.82	N 32° 0' 57.59" W 103° 55' 54.14"	

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ft)	Easting (ft)	Latitude (N/S ° ° ')	Longitude (E/W ° ° ')
	8334.00	7.43	356.61	8226.20	778.14	744.46	513.31	1.27	424368.19	665812.33	N 32 9 57.70 W	103 55 54.15
	8429.00	8.07	356.61	8320.33	790.90	757.27	513.00	0.87	424380.99	665812.02	N 32 9 57.83 W	103 55 54.15
	8524.00	8.69	356.44	8414.32	804.69	771.11	512.77	0.86	424394.83	665811.79	N 32 9 57.97 W	103 55 54.15
	8619.00	8.63	0.92	8508.24	816.96	785.41	512.81	0.24	424408.13	665811.84	N 32 9 58.11 W	103 55 54.15
	8647.00	8.68	1.27	8535.92	822.17	789.63	512.89	0.26	424413.35	665811.92	N 32 9 58.15 W	103 55 54.15
	8643.00	14.61	35.46	8727.94	859.38	824.89	527.79	4.61	424448.61	665826.81	N 32 9 58.50 W	103 55 53.97
	8938.00	28.34	52.11	8818.60	883.90	847.82	551.56	13.50	424471.53	665850.58	N 32 9 58.73 W	103 55 53.70
	9033.00	31.98	50.25	8899.73	915.37	878.67	587.57	6.01	424500.58	665866.56	N 32 9 59.01 W	103 55 53.28
	9128.00	38.49	41.84	8977.32	956.12	915.01	626.73	8.50	424538.72	665725.74	N 32 9 59.39 W	103 55 52.82
	9223.00	46.91	28.66	9047.22	1011.15	987.64	683.27	12.94	424591.35	665762.28	N 32 9 59.91 W	103 55 52.39
	9317.00	58.73	20.35	9103.98	1081.20	1035.74	693.84	14.39	424659.45	665792.85	N 32 10 0.58 W	103 55 52.03
	9412.00	70.19	23.41	9144.89	1162.58	1115.10	725.83	12.41	424738.80	665824.83	N 32 10 1.36 W	103 55 51.66
	9507.00	82.89	19.71	9167.12	1250.44	1200.83	759.62	13.89	424824.52	665858.62	N 32 10 2.21 W	103 55 51.28
	9602.00	91.31	13.87	9172.10	1342.82	1291.54	786.97	10.95	424815.22	665885.87	N 32 10 3.11 W	103 55 50.94
	9627.00	91.96	13.15	9171.38	1367.48	1315.64	792.80	3.88	424839.52	665891.80	N 32 10 3.35 W	103 55 50.87
	9740.00	92.00	9.17	9167.48	1479.48	1426.61	814.68	3.52	425050.28	665913.86	N 32 10 4.44 W	103 55 50.81
	9834.00	88.83	3.82	9168.80	1573.34	1519.66	825.28	6.61	425143.82	665924.28	N 32 10 5.37 W	103 55 50.48
	9927.00	89.04	358.25	9168.53	1666.17	1812.89	826.98	5.99	425236.55	665925.98	N 32 10 6.29 W	103 55 50.48
	10020.00	87.07	356.81	9171.68	1764.75	1705.81	825.23	2.57	425329.47	665924.22	N 32 10 7.20 W	103 55 50.48
	10114.00	89.38	3.70	9174.69	1852.80	1789.70	827.94	5.00	425423.35	665928.94	N 32 10 8.13 W	103 55 50.44
	10207.00	89.88	1.48	9175.21	1945.56	1892.80	834.81	2.44	425518.24	665931.14	N 32 10 9.05 W	103 55 50.39
	10300.00	89.59	1.80	9175.68	2038.49	1895.56	834.81	0.45	425608.10	665933.80	N 32 10 9.97 W	103 55 50.35
	10394.00	89.82	355.94	9178.31	2132.07	2079.50	832.95	6.23	425703.12	665931.95	N 32 10 10.90 W	103 55 50.37
	10487.00	90.48	357.77	9178.23	2224.35	2172.36	827.85	2.17	425795.97	665926.85	N 32 10 11.82 W	103 55 50.43
	10580.00	89.45	355.93	9178.28	2316.63	2265.21	822.74	2.27	425888.82	665921.74	N 32 10 12.74 W	103 55 50.48
	10674.00	90.38	355.65	9178.42	2409.68	2358.95	815.84	1.03	425982.56	665914.84	N 32 10 13.67 W	103 55 50.56
	10767.00	88.90	358.33	9177.01	2501.77	2451.72	809.34	1.75	426075.32	665908.34	N 32 10 14.59 W	103 55 50.63
	10860.00	90.82	1.16	9177.23	2594.38	2544.67	807.30	5.59	426168.28	665906.30	N 32 10 15.51 W	103 55 50.65
	10955.00	90.41	0.55	9178.21	2689.21	2639.65	809.72	0.77	426263.23	665907.72	N 32 10 16.45 W	103 55 50.63
	11050.00	91.10	357.31	9174.96	2783.82	2734.61	806.94	3.49	426358.19	665905.94	N 32 10 17.39 W	103 55 50.64
	11145.00	90.14	358.23	9173.83	2878.28	2826.53	803.25	1.40	426453.10	665902.25	N 32 10 18.33 W	103 55 50.68
	11240.00	90.03	357.20	9173.79	2972.70	2924.48	798.46	1.09	426548.02	665898.46	N 32 10 19.26 W	103 55 50.72
	11335.00	90.17	1.22	9173.63	3067.35	3019.43	798.15	4.23	426642.98	665897.15	N 32 10 20.20 W	103 55 50.73
	11430.00	90.96	358.07	9172.69	3162.06	3114.41	797.56	3.42	426737.95	665896.56	N 32 10 21.14 W	103 55 50.74
	11525.00	89.55	0.88	9172.27	3256.75	3209.39	796.53	3.12	426832.83	665895.53	N 32 10 22.08 W	103 55 50.74
	11619.00	89.41	3.66	9173.12	3350.69	3303.31	800.09	3.17	426928.24	665894.09	N 32 10 23.01 W	103 55 50.70
	11714.00	89.86	3.60	9173.73	3445.68	3398.12	806.10	0.48	427021.64	665905.10	N 32 10 23.95 W	103 55 50.62
	11809.00	87.94	3.25	9175.55	3540.66	3492.92	811.77	2.05	427116.44	665910.77	N 32 10 24.89 W	103 55 50.55
	11904.00	89.86	4.33	9177.37	3636.63	3587.89	816.05	2.32	427211.20	665917.05	N 32 10 25.83 W	103 55 50.48
	12000.00	88.49	2.83	9178.75	3731.62	3683.50	823.88	2.27	427307.00	665922.88	N 32 10 26.77 W	103 55 50.41
	12094.00	89.76	3.44	9180.19	3825.59	3777.38	828.86	1.80	427400.85	665927.85	N 32 10 27.70 W	103 55 50.34
	12189.00	93.47	358.70	9177.48	3921.39	3873.26	830.85	6.27	427498.74	665929.85	N 32 10 28.65 W	103 55 50.32
	12285.00	91.86	356.36	9172.68	4015.67	3968.05	826.56	2.83	427591.53	665925.56	N 32 10 29.59 W	103 55 50.38
	12380.00	91.88	356.02	9169.79	4109.75	4062.79	820.25	0.37	427688.28	665919.25	N 32 10 30.53 W	103 55 50.43
	12475.00	90.93	355.79	9167.45	4203.78	4157.52	813.47	1.04	427780.88	665912.47	N 32 10 31.47 W	103 55 50.51
	12570.00	91.75	359.07	9165.23	4298.12	4252.38	809.21	3.58	427875.84	665908.21	N 32 10 32.40 W	103 55 50.55
	12664.00	90.45	359.96	9163.43	4391.82	4346.36	808.42	1.68	427969.81	665907.41	N 32 10 33.33 W	103 55 50.58
	12759.00	90.03	0.11	9163.03	4486.60	4441.38	806.47	0.47	428064.80	665907.47	N 32 10 34.27 W	103 55 50.55
	12854.00	90.55	1.01	9162.55	4581.43	4536.35	809.40	1.09	428159.79	665908.40	N 32 10 35.21 W	103 55 50.54
	12950.00	89.90	357.82	9162.17	4677.11	4632.33	808.42	3.39	428255.75	665907.42	N 32 10 36.16 W	103 55 50.54
	13045.00	89.93	353.31	9162.31	4771.07	4727.02	801.08	4.75	428350.44	665906.08	N 32 10 37.10 W	103 55 50.63
	13140.00	89.87	353.85	9162.40	4864.48	4821.41	790.29	0.38	428444.82	665899.29	N 32 10 38.04 W	103 55 50.75
	13235.00	89.69	358.23	9162.68	4958.53	4916.14	783.57	4.83	428539.55	665882.67	N 32 10 38.97 W	103 55 50.82
	13330.00	88.46	1.77	9163.87	5053.22	5011.06	783.56	5.04	428634.46	665882.56	N 32 10 39.91 W	103 55 50.82
	13425.00	93.03	5.31	9168.29	5148.15	5105.81	789.43	7.85	428729.21	665888.43	N 32 10 40.85 W	103 55 50.74
	13520.00	93.27	5.55	9161.07	5242.97	5200.24	798.40	0.38	428823.83	665897.40	N 32 10 41.78 W	103 55 50.64
	13615.00	93.13	1.95	9155.77	5337.81	5294.88	804.60	3.79	428918.28	665903.60	N 32 10 42.72 W	103 55 50.58
	13710.00	93.10	1.05	9150.60	5432.58	5389.70	807.09	0.95	429013.08	665906.09	N 32 10 43.66 W	103 55 50.53
	13805.00	88.90	1.07	9147.29	5527.27	5479.60	810.60	2.21	429102.96	665908.80	N 32 10 44.54 W	103 55 50.48
	13900.00	91.07	1.46	9147.31	5617.15	5574.57	812.70	2.32	429197.82	665911.70	N 32 10 45.46 W	103 55 50.45
	14090.00	88.45	359.46	9147.71	5711.98	5669.55	813.46	3.47	429292.90	665912.46	N 32 10 46.42 W	103 55 50.44
	14185.00	90.14	358.60	9148.88	5806.67	5804.54	812.68	1.79	429387.88	665911.68	N 32 10 47.36 W	103 55 50.44
	14280.00	91.83	358.64	9147.40	5898.36	5948.51	811.42	2.48	429482.84	665910.42	N 32 10 48.31 W	103 55 50.45
	14375.00	91.75	358.23	9143.83	5995.89	6054.44	809.42	0.67	429577.78	665908.42	N 32 10 49.27 W	103 55 50.47
	14470.00	92.10	358.50	9140.74	6090.29	6149.31	805.88	2.90	429672.62	665904.88	N 32 10 50.24 W	103 55 50.51
	14565.00	92.37	353.29	9137.03	6184.02	6243.85	797.43	3.39	429767.48	665898.43	N 32 10 51.21 W	103 55 50.60
	14660.00	91.62	355.64	9133.73	6277.65	6338.34	788.28	2.80	429862.34	665891.81	N 32 10 52.18 W	103 55 50.70
	14755.00	91.27	358.02	9131.33	6371.67	6433.06	781.37	0.54	429957.20	665887.28	N 32 10 53.15 W	103 55 50.78
	14849.00	90.62	357.84	9129.78	6465.94	6528.90	776.34	2.06	430052.06	665880.37	N 32 10 54.12 W	103 55 50.78
	14945.00	89.35	355.95	9128.05	6560.19	6622.74	771.14	2.15	430146.92	665875.34	N 32 10 55.09 W	103 55 50.84
	15040.00	89.31	359.29	9127.38	6654.62	6717.65	767.50	4.49	430241.78	665870.14	N 32 10 56.06 W	103 55 50.93
	15134.00	88.35	359.29	9126.48	6749.33	6811.64	766.64	0.40	430336.60	665865.64	N 32 10 57.03 W	103 55 50.94
	15229.00	89.97	358.63	9129.08	6843.03	6906.83	766.75	0.78	430431.42	665861.14	N 32 10 58.00 W	103 55 50.94
	15324.00	90.14	358.38	9128.99	6937.07	7001.61	764.08	1.35	430526.28	665856.64	N 32 10 59.01 W	103 55 50.98
	15419.00	92.30	3.03	9126.96	7032.35	7096.55	765.23	6.41	430621.14	665852.14	N 32 11 0.05 W	103 55 50.94
	15509.00	91.38	5.15	9120.86	7127.35	7191.48	778.77	1.22	430716.00	665847.64	N 32 11 1.11 W	103 55 50.77
	15604.00	89										

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	N9 (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	18078.00	88.83	6.58	9137.50	9774.53	8744.70	768.75	1.98	433387.75	665887.75	N 32 11 28.75	W 103 55 50.78
	18173.00	88.83	6.02	9139.36	9889.46	8839.20	778.33	0.50	433462.24	665877.33	N 32 11 27.89	W 103 55 50.67
	18268.00	91.45	6.36	9139.12	9984.41	8933.72	787.75	2.84	433556.75	665886.75	N 32 11 28.62	W 103 55 50.55
	18363.00	94.34	5.40	9134.33	10059.25	10028.17	790.65	3.04	433651.20	665895.65	N 32 11 29.56	W 103 55 50.45
	18458.00	96.90	4.08	9125.02	10153.77	10122.38	804.48	3.03	433745.40	665903.48	N 32 11 30.49	W 103 55 50.35
	18553.00	97.84	1.19	9112.83	10247.95	10218.48	808.79	3.18	433839.49	665907.79	N 32 11 31.42	W 103 55 50.30
	18648.00	95.93	357.71	9101.44	10341.95	10310.78	807.88	4.18	433933.78	665906.89	N 32 11 32.35	W 103 55 50.30
	18743.00	91.48	354.02	9095.30	10435.77	10405.29	801.04	6.08	434028.29	665900.04	N 32 11 33.29	W 103 55 50.38
	18838.00	85.70	352.12	9097.84	10528.99	10499.52	789.59	6.40	434122.51	665888.59	N 32 11 34.22	W 103 55 50.51
	18933.00	84.56	350.43	9105.71	10621.33	10593.08	775.23	2.14	434216.06	665874.23	N 32 11 35.15	W 103 55 50.87
	19028.00	84.80	348.31	9114.52	10712.88	10686.04	757.79	2.24	434308.02	665856.79	N 32 11 36.07	W 103 55 50.87
	19123.00	84.52	351.36	9123.36	10804.58	10779.13	741.09	3.21	434402.10	665840.10	N 32 11 36.99	W 103 55 51.08
	19218.00	84.11	354.82	9132.77	10897.40	10872.97	729.72	3.65	434495.93	665828.73	N 32 11 37.82	W 103 55 51.19
	19313.00	84.25	358.12	9142.41	10991.19	10967.32	724.73	4.51	434590.27	665823.73	N 32 11 38.85	W 103 55 51.24
	19408.00	83.24	3.74	9152.77	11085.50	11061.70	727.08	4.95	434684.84	665828.08	N 32 11 39.79	W 103 55 51.21
	19503.00	82.24	7.76	9164.78	11179.87	11155.44	736.52	4.33	434778.38	665835.52	N 32 11 40.71	W 103 55 51.10
	19598.00	80.85	12.11	9178.75	11273.10	11247.88	752.72	4.78	434870.91	665851.72	N 32 11 41.63	W 103 55 50.90
Final MWD												
Survey	18915.00	80.49	13.04	9181.51	11289.89	11264.35	756.37	5.80	434887.28	665855.37	N 32 11 41.79	W 103 55 50.88
Proj to BH	19660.00	80.49	13.04	9188.94	11333.51	11307.59	768.38	0.00	434930.51	665885.38	N 32 11 42.22	W 103 55 50.74

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7655 sigma
Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	26.500	1/88.425	30.000	30.000 NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 26H Gyro+MWD 0-19,660'
	1	26.500	26.500	Act Stns	30.000	30.000 NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 26H Gyro+MWD 0-19,660'
	1	26.500	652.680	Act Stns	30.000	30.000 NAL_NSG+MSHOT	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 26H
	1	652.680	18363.000	Act Stns	30.000	30.000 NAL_MWD_PLUS_0.5_DEG	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 26H
	1	18363.000	19660.000	Act Stns	30.000	30.000 NAL_MWD_HDGM+MS	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 26H

Schlumberger

OXY



Borehole: Original Borehole Well: Oxy Corral Canyon 38-25 Federal Com 26H Field: NM Eddy County (NAD 83) Structure: Oxy Corral Canyon 38-25 Federal Com 26H

Gravity & Magnetic Parameters: Name: H020 EP18 Dip: 98.234° Date: 19-Mar-2018 Surface Location: NAD83 New Mexico State Plane, Eastern Zone, US Feet. Grid Offset: 6,3125' Miscellaneos: Oxy Corral Canyon 38-25 Federal Com 26H Rev2 APS 29Mar18
 MagDec: 6.881° PB: 42911.176T Gravity PB: 998.436mg (5.8843 Gauss) Lat: N 32 8 58.36 Northing: 42922.789US Easting: 61989.887US Scale Feet: 6.8812343 Plan: Oxy Corral Canyon 38-25 Federal Com 26H Rev2 APS 29Mar18

