

Schlumberger

30-015-44773
Oxy Cal-Mon MDP1 35 Federal 3H Gyro+MWD 0-14,865' Survey Geodetic
Report
(Def Survey)

Report Date: April 24, 2018 - 04:39 PM
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Cal-Mon MDP1 35 Federal 3H / Oxy Cal-Mon MDP1 35 Federal 3H
Well: Oxy Cal-Mon MDP1 35 Federal 3H
Borehole: Original Borehole
UWI / API#: Unknown / 30-015-44773
Survey Name: Oxy Cal-Mon MDP1 35 Federal 3H Gyro+MWD 0-14,865'
Survey Date: April 12, 2018
Tort / AKD / DDI / ERD Ratio: 236.218' / 5432.587' / 6.275 / 0.536
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 16' 4.27234", W 103° 44' 55.43085"
Location Grid N/E Y/X: N 461670.270 RUS, E 722029.860 RUS
CRS Grid Convergence Angle: 0.3121°
Grid Scale Factor: 0.99994648
Version / Patch: 2.10.706.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 184.210° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB=26.5'
TVD Reference Elevation: 3489.500 ft above MSL
Seabed / Ground Elevation: 3463.000 ft above MSL
Magnetic Declination: 6.900°
Total Gravity Field Strength: 998.4458mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 48064.288 nT
Magnetic Dip Angle: 50.019°
Declination Date: April 12, 2018
Magnetic Declination Model: HDGM 2018
North Reference: Grid North
Grid Convergence Used: 0.3121°
North: 6.5876°
Local Coord Referenced To: Well Head

Comments	MD	Incl	Azim Grid	TVD	VSEC	NS	EW	DLS	Northing	Easting	Latitude	Longitude
RKB	(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft/100ft)	(ftUS)	(ftUS)	(N/S ° ' ")	(E/W ° ' ")
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	461670.27	722029.86	N 32 16 4.27	W 103 44 55.43
	23.21	0.37	284.19	23.21	-0.01	0.02	-0.07	1.59	461670.29	722029.79	N 32 16 4.27	W 103 44 55.43
	84.90	0.49	152.47	84.90	0.18	-0.17	-0.14	1.27	461670.10	722029.72	N 32 16 4.27	W 103 44 55.43
	177.00	0.54	161.84	177.00	0.91	-0.93	0.17	0.11	461669.34	722030.03	N 32 16 4.26	W 103 44 55.43
	269.50	0.45	175.84	269.49	1.68	-1.70	0.34	0.16	461668.57	722030.20	N 32 16 4.26	W 103 44 55.43
	361.80	0.40	191.45	361.79	2.35	-2.38	0.30	0.14	461667.89	722030.16	N 32 16 4.25	W 103 44 55.43
	454.20	0.40	207.39	454.19	2.97	-2.98	0.09	0.12	461667.29	722029.95	N 32 16 4.24	W 103 44 55.43
	546.60	0.40	227.35	546.58	3.50	-3.49	-0.30	0.15	461666.78	722029.56	N 32 16 4.24	W 103 44 55.43
	639.10	0.47	239.73	639.08	3.95	-3.90	-0.87	0.13	461666.37	722028.99	N 32 16 4.23	W 103 44 55.44
	731.60	0.57	246.32	731.58	4.38	-4.28	-1.61	0.13	461665.99	722028.25	N 32 16 4.23	W 103 44 55.45
	826.00	0.73	256.46	825.97	4.79	-4.60	-2.63	0.21	461665.67	722027.23	N 32 16 4.23	W 103 44 55.46
	888.90	0.13	31.75	888.87	4.84	-4.64	-2.88	1.32	461665.63	722026.88	N 32 16 4.23	W 103 44 55.47
	983.20	0.13	45.07	983.17	4.67	-4.47	-2.85	0.03	461665.80	722027.01	N 32 16 4.23	W 103 44 55.46
	1077.60	0.10	34.04	1077.57	4.52	-4.33	-2.73	0.04	461665.94	722027.13	N 32 16 4.23	W 103 44 55.46
	1172.30	0.11	32.96	1172.27	4.36	-4.18	-2.63	0.01	461666.09	722027.23	N 32 16 4.23	W 103 44 55.46
	1268.70	0.12	27.27	1268.67	4.19	-4.02	-2.54	0.02	461666.25	722027.32	N 32 16 4.23	W 103 44 55.46
	1361.20	0.09	37.38	1361.17	4.04	-3.87	-2.45	0.04	461666.40	722027.41	N 32 16 4.23	W 103 44 55.46
	1455.70	0.11	34.01	1455.67	3.90	-3.74	-2.35	0.02	461666.53	722027.51	N 32 16 4.24	W 103 44 55.46
	1550.40	0.12	31.47	1550.37	3.73	-3.58	-2.25	0.01	461666.69	722027.61	N 32 16 4.24	W 103 44 55.46
	1644.80	0.11	296.46	1644.57	3.61	-3.45	-2.28	0.18	461666.82	722027.58	N 32 16 4.24	W 103 44 55.46
	1739.00	0.13	282.88	1738.97	3.54	-3.37	-2.46	0.02	461666.90	722027.40	N 32 16 4.24	W 103 44 55.46
	1833.60	0.11	286.45	1833.57	3.47	-3.29	-2.64	0.02	461666.98	722027.22	N 32 16 4.24	W 103 44 55.46
	1928.00	0.10	292.47	1927.97	3.41	-3.22	-2.79	0.01	461667.05	722027.07	N 32 16 4.24	W 103 44 55.46
	2022.50	0.10	295.60	2022.47	3.36	-3.15	-2.95	0.01	461667.12	722026.92	N 32 16 4.24	W 103 44 55.47
	2117.00	0.09	297.37	2116.97	3.30	-3.08	-3.09	0.01	461667.19	722026.77	N 32 16 4.24	W 103 44 55.47
	2211.60	0.09	293.27	2211.57	3.25	-3.02	-3.22	0.01	461667.25	722026.64	N 32 16 4.24	W 103 44 55.47
	2306.00	0.09	300.90	2305.97	3.19	-2.95	-3.35	0.01	461667.32	722026.51	N 32 16 4.24	W 103 44 55.47
	2400.50	0.10	295.72	2400.47	3.12	-2.88	-3.49	0.01	461667.39	722026.37	N 32 16 4.24	W 103 44 55.47
	2494.80	0.10	293.04	2494.77	3.07	-2.81	-3.64	0.00	461667.46	722026.22	N 32 16 4.24	W 103 44 55.47
	2589.30	0.14	277.21	2589.27	3.03	-2.76	-3.83	0.05	461667.51	722026.03	N 32 16 4.25	W 103 44 55.48
	2683.50	0.13	288.86	2683.47	3.00	-2.71	-4.04	0.03	461667.56	722025.82	N 32 16 4.25	W 103 44 55.48
	2778.10	0.09	293.83	2778.07	2.95	-2.65	-4.21	0.04	461667.62	722025.65	N 32 16 4.25	W 103 44 55.48
	2872.60	0.14	290.13	2872.57	2.89	-2.58	-4.39	0.05	461667.69	722025.47	N 32 16 4.25	W 103 44 55.48
	2968.90	0.13	282.15	2968.87	2.85	-2.52	-4.60	0.02	461667.75	722025.26	N 32 16 4.25	W 103 44 55.48
	3061.30	0.13	282.79	3061.27	2.82	-2.47	-4.81	0.00	461667.80	722025.05	N 32 16 4.25	W 103 44 55.49
	3155.70	0.15	277.72	3155.67	2.79	-2.43	-5.04	0.02	461667.84	722024.82	N 32 16 4.25	W 103 44 55.49
	3250.20	0.11	291.34	3250.17	2.76	-2.38	-5.25	0.05	461667.89	722024.61	N 32 16 4.25	W 103 44 55.49
	3344.60	0.11	287.79	3344.57	2.71	-2.32	-5.42	0.01	461667.95	722024.44	N 32 16 4.25	W 103 44 55.49
	3439.00	0.10	288.39	3438.97	2.67	-2.26	-5.58	0.01	461668.01	722024.28	N 32 16 4.25	W 103 44 55.50
	3533.40	0.08	285.48	3533.37	2.64	-2.22	-5.72	0.02	461668.05	722024.14	N 32 16 4.25	W 103 44 55.50
	3627.70	0.07	291.68	3627.67	2.61	-2.18	-5.84	0.01	461668.09	722024.02	N 32 16 4.25	W 103 44 55.50
	3722.10	0.06	289.00	3722.07	2.58	-2.15	-5.94	0.01	461668.13	722023.92	N 32 16 4.25	W 103 44 55.50
	3816.50	0.08	293.18	3816.47	2.54	-2.10	-6.05	0.02	461668.17	722023.81	N 32 16 4.25	W 103 44 55.50
	3911.00	0.09	154.95	3910.97	2.58	-2.14	-6.08	0.17	461668.13	722023.78	N 32 16 4.25	W 103 44 55.50
	4005.30	0.09	150.10	4005.27	2.71	-2.28	-6.01	0.01	461667.99	722023.85	N 32 16 4.25	W 103 44 55.50
	4099.70	0.10	141.70	4099.67	2.83	-2.40	-5.92	0.02	461667.87	722023.84	N 32 16 4.25	W 103 44 55.50
	4193.80	0.11	155.45	4193.77	2.97	-2.55	-5.83	0.03	461667.72	722023.87	N 32 16 4.25	W 103 44 55.50
	4288.20	0.13	171.72	4288.16	3.16	-2.74	-5.78	0.04	461667.53	722024.03	N 32 16 4.25	W 103 44 55.50
	4382.60	0.07	191.64	4382.56	3.32	-2.90	-5.78	0.07	461667.37	722024.08	N 32 16 4.25	W 103 44 55.50
	4477.10	0.07	207.02	4477.06	3.43	-3.01	-5.61	0.02	461667.26	722024.05	N 32 16 4.24	W 103 44 55.50
	4571.60	0.09	295.90	4571.56	3.45	-3.03	-5.91	0.12	461667.24	722023.95	N 32 16 4.24	W 103 44 55.50
	4665.80	0.07	180.45	4665.76	3.48	-3.05	-5.97	0.14	461667.22	722023.89	N 32 16 4.24	W 103 44 55.50
	4760.10	0.12	227.09	4760.06	3.61	-3.18	-6.05	0.09	461667.09	722023.81	N 32 16 4.24	W 103 44 55.50
	4854.60	0.14	220.26	4854.56	3.78	-3.33	-6.19	0.03	461666.94	722023.67	N 32 16 4.24	W 103 44 55.50
	4948.80	0.14	213.27	4948.76	3.97	-3.52	-6.33	0.02	461666.75	722023.53	N 32 16 4.24	W 103 44 55.50
	5043.30	0.09	214.10	5043.26	4.14	-3.68	-6.44	0.05	461666.59	722023.42	N 32 16 4.24	W 103 44 55.50
	5137.70	0.14	183.15	5137.66	4.32	-3.85	-6.48	0.08	461666.42	722023.36	N 32 16 4.24	W 103 44 55.51
	5231.90	0.15	158.15	5231.86	4.54	-4.08	-6.44	0.07	461666.19	722023.42	N 32 16 4.23	W 103 44 55.51
	5326.50	0.13	158.19	5326.46	4.75	-4.30	-6.36	0.02	461665.97	722023.50	N 32 16 4.23	W 103 44 55.51
	5421.00	0.15	221.48	5420.96	4.95	-4.49	-6.40	0.16	461665.78	722023.46	N 32 16 4.23	W 103 44 55.51
	5515.40	0.27	137.39	5515.38	5.20	-4.75	-6.33	0.31	461665.52	722023.53	N 32 16 4.23	W 103 44 55.50
	5609.90	0.28	271.55	5609.86	5.36	-4.90	-6.41	0.54	461665.37	722023.45	N 32 16 4.22	W 103 44 55.51
	5704.30	0.22	198.37	5704.26	5.55	-5.07	-6.70	0.32	461665.20	722023.16	N 32 16 4.22	W 103 44 55.51
	5798.80	0.11	156.63	5798.76	5.80	-5.32	-6.72	0.17	461664.95	722023.14	N 32 16 4.22	W 103 44 55.51
	5893.40	0.03	68.96	5893.38	5.87	-5.40	-6.66	0.12	461664.87	722023.20	N 32 16 4.22	W 103 44 55.51
	5987.90	0.17	67.56	5987.86	5.80	-5.34	-6.51	0.15	461664.93	722023.35	N 32 16 4.22	W 103 44 55.51
	6082.30	0.89	31.39	6082.26	5.08	-4.66	-6.00	0.80	461665.61	722023.66	N 32 16 4.23	W 103 44 55.50
	6176.50	1.99	26.71	6176.42	2.92	-2.57	-4.88	1.17	461667.70	722024.98	N 32 16 4.25	W 103 44 55.49
	6271.00	3.77	17.96	6270.80	-1.61	1.85	-3.19	1.93	461672.12	722026.67	N 32 16 4.29	W 103 44 55.47
	6365.30	6.04	6.97	6364.75	-9.58	9.72	-1.63	2.59	461679.99	722028.23	N 32 16 4.37	W 103 44 55.45
	6459.60	5.38	1.11	6458.59	-18.95	19.07	-0.94	0.93	461689.34	722028.92	N 32 16 4.46	W 103 44 55.44
	6554.10	1.26	352.50	6552.91	-24.39	24.53	-0.99	4.38	461694.80	722028.87	N 32 16 4.52	W 103 44 55.44
	6648.60	0.10	70.76	6647.40	-25.44	25.59	-1.05	1.32	461695.86	722028.81	N 32 16 4.53	W 103 44 55.44
	6743.00	0.12	71.81	6741.80	-25.51	25.65	-0.88	0.02	461695.92	722028.98	N 32 16 4.53	W 103 44 55.44
	6837.50	0.06	92.14	6836.30	-25.55							

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 ° ' ")
	7215.20	8.59	301.75	7212.04	-43.83	45.94	-27.11	1.10	461716.21	722002.75	N 32 16 4.73	W 103 44 55.74
	7309.60	7.89	300.17	7305.47	-49.92	52.91	-38.71	0.78	461723.17	721991.16	N 32 16 4.80	W 103 44 55.88
	7404.00	7.24	300.67	7399.05	-55.41	59.20	-49.42	0.89	461729.46	721980.44	N 32 16 4.88	W 103 44 56.00
	7498.20	6.93	298.77	7492.53	-60.42	64.96	-59.51	0.41	461735.23	721970.35	N 32 16 4.92	W 103 44 56.12
	7592.60	6.62	297.94	7586.27	-64.97	70.25	-69.31	0.34	461740.52	721960.55	N 32 16 4.97	W 103 44 56.23
	7686.80	6.36	298.34	7679.86	-69.29	75.27	-78.70	0.28	461745.54	721951.16	N 32 16 5.02	W 103 44 56.34
	7781.20	5.80	296.13	7773.73	-73.21	79.65	-87.58	0.64	461750.12	721942.28	N 32 16 5.07	W 103 44 56.45
	7875.70	5.59	294.67	7967.77	-76.60	83.88	-96.05	0.27	461754.14	721933.81	N 32 16 5.11	W 103 44 56.54
	7970.10	5.70	292.14	7961.71	-79.65	87.66	-104.57	0.29	461757.83	721925.29	N 32 16 5.14	W 103 44 56.64
	8064.70	7.55	281.05	8055.68	-81.84	90.53	-115.03	2.37	461760.79	721914.84	N 32 16 5.17	W 103 44 56.76
	8159.10	7.65	275.52	8149.25	-82.72	92.32	-127.37	0.78	461762.58	721902.50	N 32 16 5.19	W 103 44 56.91
	8253.60	8.24	268.81	8242.84	-82.23	92.78	-140.40	1.16	461763.05	721889.47	N 32 16 5.20	W 103 44 57.06
	8348.00	6.41	270.58	8338.47	-81.25	92.70	-152.43	1.95	461762.96	721877.44	N 32 16 5.20	W 103 44 57.20
	8442.40	6.74	261.74	8430.25	-79.72	91.85	-163.18	1.13	461762.22	721866.68	N 32 16 5.19	W 103 44 57.33
	8537.00	7.28	269.43	8524.14	-78.03	91.10	-174.67	1.14	461761.36	721855.20	N 32 16 5.18	W 103 44 57.48
	8631.50	10.12	262.85	8617.55	-75.89	90.00	-188.90	3.18	461760.27	721840.97	N 32 16 5.17	W 103 44 57.63
	8725.80	8.31	263.93	8710.83	-73.04	88.25	-203.90	1.93	461758.52	721825.97	N 32 16 5.16	W 103 44 57.80
	8820.10	6.51	256.08	8804.14	-70.16	86.24	-215.86	2.19	461756.51	721814.01	N 32 16 5.14	W 103 44 57.94
	8915.10	8.31	258.15	8898.34	-66.59	83.54	-227.81	1.92	461753.80	721802.06	N 32 16 5.11	W 103 44 58.08
	9009.10	9.22	254.35	8981.24	-62.15	80.11	-241.71	1.15	461750.38	721788.16	N 32 16 5.08	W 103 44 58.24
	9103.70	8.78	251.96	9064.68	-56.84	75.83	-255.87	0.61	461746.10	721774.00	N 32 16 5.04	W 103 44 58.41
	9198.10	9.98	255.81	9177.82	-51.53	71.60	-270.66	1.43	461741.86	721759.22	N 32 16 5.00	W 103 44 58.58
	9292.70	9.68	257.63	9271.03	-46.67	67.88	-286.37	0.46	461738.15	721743.50	N 32 16 4.96	W 103 44 58.76
	9387.10	7.76	259.72	9364.33	-42.81	65.04	-300.40	2.06	461735.31	721729.48	N 32 16 4.93	W 103 44 58.93
	9481.40	11.46	243.48	9457.31	-36.43	59.72	-315.05	4.83	461729.99	721714.83	N 32 16 4.88	W 103 44 59.10
	9575.70	17.43	228.88	9548.63	-21.24	45.87	-333.77	7.64	461716.14	721696.11	N 32 16 4.74	W 103 44 59.32
	9670.30	20.35	207.82	9638.21	4.28	21.61	-351.81	7.18	461691.88	721678.07	N 32 16 4.51	W 103 44 59.53
	9764.70	26.24	198.85	9724.00	39.54	-12.69	-366.26	7.25	461657.58	721663.62	N 32 16 4.17	W 103 44 59.70
	9859.10	32.20	188.28	9807.31	84.89	-57.39	-376.68	8.36	461612.89	721653.21	N 32 16 3.72	W 103 44 59.82
	9952.40	45.55	180.55	9903.14	161.97	-134.30	-381.86	11.50	461535.98	721648.03	N 32 16 2.96	W 103 44 59.89
	10030.00	51.60	180.63	9934.62	197.57	-169.97	-382.22	12.71	461500.31	721647.66	N 32 16 2.81	W 103 44 59.89
	10125.00	59.52	181.78	9988.30	275.75	-248.23	-383.91	8.40	461422.05	721645.97	N 32 16 1.84	W 103 44 59.92
	10219.00	66.86	183.55	10030.67	359.55	-331.98	-387.85	7.99	461338.31	721642.03	N 32 16 1.01	W 103 44 59.97
	10314.00	74.40	183.26	10062.16	448.10	-421.38	-393.16	7.94	461248.92	721638.72	N 32 16 0.12	W 103 44 59.04
	10408.00	80.60	182.16	10082.49	540.80	-513.00	-397.49	6.69	461157.30	721632.39	N 32 15 59.22	W 103 45 0.09
	10503.00	85.06	178.93	10094.35	634.82	-607.21	-398.37	5.78	461063.09	721631.51	N 32 15 58.29	W 103 45 0.11
	10598.00	85.40	177.12	10099.59	697.24	-669.96	-396.21	2.91	461000.35	721633.68	N 32 15 57.68	W 103 45 0.09
	10754.00	86.64	177.17	10112.64	883.36	-857.27	-386.87	0.68	460813.05	721643.02	N 32 15 55.81	W 103 44 59.99
	10849.00	87.25	179.84	10117.70	977.74	-952.09	-384.39	2.88	460718.23	721645.49	N 32 15 54.87	W 103 44 59.97
	10943.00	87.37	179.34	10122.11	1071.33	-1045.98	-383.72	0.55	460624.34	721646.16	N 32 15 53.94	W 103 44 59.97
	11038.00	87.76	177.13	10126.15	1165.73	-1140.85	-380.80	2.36	460529.49	721649.08	N 32 15 53.00	W 103 44 59.94
	11132.00	87.14	181.65	10130.34	1259.28	-1234.72	-379.80	4.85	460435.61	721650.09	N 32 15 52.08	W 103 44 59.93
	11227.00	91.57	179.29	10131.40	1354.04	-1329.68	-380.57	5.28	460340.66	721649.31	N 32 15 51.14	W 103 44 59.95
	11321.00	90.73	178.29	10129.52	1447.42	-1423.58	-376.95	3.31	460246.77	721652.93	N 32 15 50.21	W 103 44 59.91
	11415.00	90.45	179.04	10128.55	1540.79	-1517.49	-373.12	2.94	460152.88	721656.76	N 32 15 49.28	W 103 44 59.87
	11510.00	91.40	179.34	10127.02	1635.41	-1612.47	-371.78	1.05	460057.89	721658.10	N 32 15 48.34	W 103 44 59.86
	11604.00	92.02	178.35	10124.21	1728.96	-1706.41	-369.88	1.24	459963.96	721660.00	N 32 15 47.41	W 103 44 59.85
	11699.00	92.19	181.88	10120.72	1823.64	-1801.33	-370.07	3.72	459869.04	721659.81	N 32 15 46.47	W 103 44 59.85
	11793.00	91.96	182.06	10117.32	1917.50	-1895.21	-373.30	0.31	459775.17	721658.58	N 32 15 45.54	W 103 44 59.90
	11887.00	91.96	181.08	10114.10	2011.35	-1989.12	-375.88	1.04	459681.26	721654.00	N 32 15 44.81	W 103 44 59.93
	11982.00	91.96	180.86	10110.85	2106.14	-2084.05	-377.48	0.23	459588.34	721652.40	N 32 15 43.87	W 103 44 59.96
	12076.00	91.63	182.95	10107.91	2200.01	-2177.95	-380.61	2.25	459492.45	721649.27	N 32 15 42.74	W 103 45 0.00
	12170.00	91.18	181.59	10105.60	2293.93	-2271.84	-384.33	1.52	459398.58	721645.55	N 32 15 41.81	W 103 45 0.05
	12265.00	90.84	179.69	10103.93	2388.72	-2366.82	-385.39	2.03	459303.59	721644.49	N 32 15 40.87	W 103 45 0.07
	12359.00	92.92	182.43	10100.84	2482.52	-2460.74	-387.13	3.66	459209.67	721642.75	N 32 15 39.94	W 103 45 0.10
	12454.00	90.79	180.93	10097.77	2577.37	-2555.64	-389.91	2.74	459114.78	721639.97	N 32 15 39.01	W 103 45 0.13
	12548.00	90.50	178.95	10096.71	2671.09	-2649.63	-389.81	2.13	459020.79	721640.07	N 32 15 38.08	W 103 45 0.14
	12643.00	90.39	177.04	10095.97	2765.53	-2744.56	-386.49	2.01	458925.66	721643.39	N 32 15 37.14	W 103 45 0.11
	12737.00	90.90	179.60	10094.91	2859.02	-2838.51	-383.73	2.78	458831.92	721646.15	N 32 15 36.21	W 103 45 0.08
	12831.00	90.62	179.70	10093.67	2952.71	-2932.50	-383.16	0.32	458737.94	721646.72	N 32 15 35.28	W 103 45 0.08
	12926.00	90.67	181.87	10092.60	3047.53	-3027.47	-384.46	2.28	458642.96	721645.42	N 32 15 34.34	W 103 45 0.10
	13020.00	90.22	180.07	10091.87	3141.37	-3121.45	-386.05	1.97	458548.99	721643.83	N 32 15 33.41	W 103 45 0.12
	13115.00	90.56	179.30	10091.22	3236.07	-3216.45	-385.53	0.89	458454.00	721644.35	N 32 15 32.47	W 103 45 0.12
	13210.00	89.63	180.29	10090.90	3330.79	-3311.45	-385.19	1.29	458359.01	721644.69	N 32 15 31.53	W 103 45 0.13
	13304.00	90.56	182.90	10090.58	3424.68	-3406.40	-387.80	2.88	458265.06	721642.08	N 32 15 30.60	W 103 45 0.16
	13398.00	90.62	181.47	10089.61	3518.62	-3499.33	-391.39	1.52	458171.14	721638.49	N 32 15 29.67	W 103 45 0.21
	13493.00	90.45	179.71	10088.31	3613.41	-3594.31	-392.37	1.88	458076.16	721637.52	N 32 15 28.73	W 103 45 0.23
	13587.00	90.48	178.44	10087.16	3707.03	-3688.29	-390.85	1.45	457982.19	721639.03	N 32 15 27.80	W 103 45 0.22
	13682.00	90.78	181.87	10086.14	3801.77	-3783.27	-391.11	3.63	457887.21	721638.78	N 32 15 26.86	W 103 45 0.23
	13776.00	90.34	180.68	10085.22	3895.64	-3877.24	-393.20	1.35	457793.25	721636.68	N 32 15 25.93	W 103 45 0.26
	13870.00	90.00	180.70	10084.94	3989.46	-3971.23	-394.33	0.38	457699.26	721635.55	N 32 15 25.00	W 103 45 0.27
	13965.00	90.06	178.45	10084.89	4084.15	-4066.22	-393.62	2.37	457604.28	721636.26	N 32 15 24.06	W 103 45 0.27
	14059.00	90.50	180.81	10084.43	4177.83	-4160.21	-392.85	2.35	457510.29	721637.03	N 32 15 23.13	W 103 45 0.27
	14154.00	90.22	179.67	10083.84	4272.58	-4255.21	-393.09	1.03	457415.30	721638.80	N 32 15 22.19	W 103 45 0.28
	14248.00	90.28	177.59	10083.43	4366.13	-4349.17	-390.84	2.21	457321.34	721639.04	N 32 15 21.26	W 103 45 0.26
	14343.00	90.90	179.52	10082.45	4460.66	-4444.13	-388.44	2.13	457226.38	721641.44	N 32 15 20.32	W 103 45 0.24
	14437.00	90.17	182									

Schlumberger

OXY



Borehole:

Original Borehole

Well:

Oxy Cal-Mon MDP1 35 Federal 3H

Field:

NM Eddy County (NAD 83)

Structure:

Oxy Cal-Mon MDP1 35 Federal 3H

Gravity & Magnetic Parameters
 Model: HCON 2015 Date: 08/07/2017
 Ref: 4004.2007 Gravity File: 986-MagData (0.0000) Survey

Surface Location
 Loc: N 33 W 4.37
 Lat: N 33 04 33.53
 NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Easting: 72209.80828
 State Plane: 6,500,000.00
 UTM Zone: 17QDN

Well Information
 Well: Oxy Cal-Mon MDP1 35 Federal 3H
 Date: 08/07/2017
 Depth: 11500.00
 Depth Unit: Feet
 Depth Unit: Meters
 Depth Unit: Feet
 Depth Unit: Meters

