



Oxy Cal-Mon MDP1 35 Federal 6H Gyro+MWD 0-14,979' Survey Geodetic Report

(Def Survey)

30-015-44776

Report Date: April 07, 2018 - 03:38 PM
 Client: OXY
 Field: NM Eddy County (NAD 83)
 Structure / Slot: Oxy Cal-Mon MDP1 35 Federal 6H / Oxy Cal-Mon MDP1 35 Federal 6H
 Well: Oxy Cal-Mon MDP1 35 Federal 6H
 Borehole: Original Borehole
 UWI / API#: Unknown / 30-015-44776
 Survey Name: Oxy Cal-Mon MDP1 35 Federal 6H Gyro+MWD 0-14,979'
 Survey Date: March 19, 2018
 Tort / AMD / DDI / ERD Ratio: 165.446' / 5541.884 ft / 6.130 / 0.544
 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 16' 4.34681", W 103° 44' 35.77816"
 Location Grid N/E Y/X: N 461687.010 RUS, E 723717.170 RUS
 CRS Grid Convergence Angle: 0.3150°
 Grid Scale Factor: 0.99994719
 Version / Patch: 2.10.715.0

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 173.338° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB=26.5'
 TVD Reference Elevation: 3494.700 ft above MSL
 Seabed / Ground Elevation: 3468.200 ft above MSL
 Magnetic Declination: 6.902°
 Total Gravity Field Strength: 998.445mgm (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 48072.399 nT
 Magnetic Dip Angle: 60.020°
 Declination Date: March 19, 2018
 Magnetic Declination Model: HDGM 2018
 North Reference: Grid North
 Total Convergence Used: 0.3150°
 Total Corr Mag North->Grid: 6.5867°
 North: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (RUS)	Easting (RUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
RKB	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	461687.01	723717.17	N 32 16 4.35	W 103 44 35.78
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	461687.01	723717.17	N 32 16 4.35	W 103 44 35.78
	69.70	0.42	249.78	69.70	0.04	-0.05	-0.15	0.97	461686.96	723717.02	N 32 16 4.35	W 103 44 35.78
	98.60	0.48	262.16	98.60	0.06	-0.11	-0.37	0.39	461686.90	723716.80	N 32 16 4.35	W 103 44 35.78
	132.80	0.45	265.81	132.80	0.06	-0.14	-0.64	0.12	461686.87	723716.53	N 32 16 4.35	W 103 44 35.79
	160.40	0.45	272.12	160.40	0.04	-0.14	-0.86	0.18	461686.87	723716.31	N 32 16 4.35	W 103 44 35.79
	189.40	0.47	278.96	189.40	-0.01	-0.12	-1.09	0.15	461686.89	723716.08	N 32 16 4.35	W 103 44 35.79
	219.90	0.43	284.21	219.89	-0.08	-0.08	-1.33	0.23	461686.93	723715.84	N 32 16 4.35	W 103 44 35.79
	250.00	0.42	288.98	249.99	-0.16	-0.02	-1.54	0.12	461686.99	723715.63	N 32 16 4.35	W 103 44 35.80
	280.80	0.38	292.86	280.79	-0.26	0.06	-1.74	0.16	461687.07	723715.43	N 32 16 4.35	W 103 44 35.80
	312.50	0.38	295.48	312.49	-0.37	0.15	-1.93	0.05	461687.16	723715.24	N 32 16 4.35	W 103 44 35.80
	344.20	0.43	298.89	344.19	-0.49	0.25	-2.13	0.16	461687.26	723715.04	N 32 16 4.35	W 103 44 35.80
	375.90	0.44	303.63	375.89	-0.64	0.37	-2.34	0.16	461687.38	723714.83	N 32 16 4.35	W 103 44 35.81
	407.50	0.47	306.19	407.49	-0.80	0.51	-2.55	0.11	461687.52	723714.62	N 32 16 4.35	W 103 44 35.81
	439.10	0.50	305.89	439.09	-0.98	0.67	-2.76	0.10	461687.68	723714.41	N 32 16 4.35	W 103 44 35.81
	470.70	0.49	307.02	470.69	-1.17	0.83	-2.98	0.04	461687.84	723714.19	N 32 16 4.35	W 103 44 35.81
	502.40	0.50	300.24	502.39	-1.35	0.98	-3.21	0.19	461687.99	723713.96	N 32 16 4.36	W 103 44 35.82
	534.10	0.55	296.66	534.09	-1.51	1.12	-3.47	0.19	461688.13	723713.70	N 32 16 4.36	W 103 44 35.82
	565.80	0.58	298.14	565.78	-1.69	1.26	-3.74	0.11	461688.27	723713.43	N 32 16 4.36	W 103 44 35.82
	597.40	0.55	297.01	597.38	-1.88	1.41	-4.02	0.10	461688.42	723713.15	N 32 16 4.36	W 103 44 35.82
	629.10	0.61	291.48	629.08	-2.03	1.54	-4.31	0.26	461688.55	723712.86	N 32 16 4.36	W 103 44 35.83
	660.70	0.59	288.28	660.68	-2.18	1.65	-4.62	0.12	461688.66	723712.55	N 32 16 4.36	W 103 44 35.83
	692.30	0.56	279.30	692.28	-2.29	1.73	-4.93	0.30	461688.74	723712.24	N 32 16 4.36	W 103 44 35.84
	724.20	0.57	278.00	724.18	-2.37	1.77	-5.24	0.05	461688.78	723711.93	N 32 16 4.36	W 103 44 35.84
	755.90	0.56	280.22	755.87	-2.46	1.82	-5.55	0.08	461688.83	723711.62	N 32 16 4.36	W 103 44 35.84
	786.90	0.54	271.93	786.87	-2.52	1.86	-5.85	0.26	461688.87	723711.32	N 32 16 4.37	W 103 44 35.85
	795.90	0.33	262.21	795.87	-2.54	1.86	-5.91	2.48	461688.87	723711.26	N 32 16 4.37	W 103 44 35.85
	859.00	0.06	291.20	858.97	-2.61	1.91	-6.12	0.43	461688.92	723711.05	N 32 16 4.37	W 103 44 35.85
	950.00	0.11	21.23	949.97	-2.71	2.01	-6.13	0.14	461689.02	723711.04	N 32 16 4.37	W 103 44 35.85
	1042.00	0.06	239.92	1041.97	-2.77	2.07	-6.14	0.18	461689.08	723711.03	N 32 16 4.37	W 103 44 35.85
	1135.00	0.06	255.70	1134.97	-2.74	2.03	-6.23	0.02	461689.04	723710.94	N 32 16 4.37	W 103 44 35.85
	1227.00	0.06	225.29	1226.97	-2.71	1.99	-6.31	0.03	461689.00	723710.86	N 32 16 4.37	W 103 44 35.85
	1318.00	0.11	353.73	1317.97	-2.76	2.04	-6.38	0.17	461689.05	723710.81	N 32 16 4.37	W 103 44 35.85
	1409.00	0.06	140.45	1408.97	-2.81	2.09	-6.34	0.18	461689.10	723710.83	N 32 16 4.37	W 103 44 35.85
	1596.00	0.11	67.02	1595.97	-2.78	2.09	-6.11	0.06	461689.10	723711.06	N 32 16 4.37	W 103 44 35.85
	1690.00	0.11	126.23	1689.97	-2.74	2.07	-5.95	0.12	461689.08	723711.22	N 32 16 4.37	W 103 44 35.85
	1785.00	0.06	51.28	1784.97	-2.71	2.04	-5.84	0.12	461689.05	723711.33	N 32 16 4.37	W 103 44 35.85
	1880.00	0.05	201.72	1879.97	-2.70	2.04	-5.82	0.11	461689.05	723711.35	N 32 16 4.37	W 103 44 35.85
	1975.00	0.04	216.03	1974.97	-2.64	1.97	-5.85	0.02	461689.08	723711.32	N 32 16 4.37	W 103 44 35.85
	2069.00	0.06	113.13	2068.97	-2.66	1.99	-5.86	0.10	461689.00	723711.31	N 32 16 4.37	W 103 44 35.85
	2164.00	0.09	113.28	2163.97	-2.67	2.01	-5.78	0.12	461689.02	723711.39	N 32 16 4.37	W 103 44 35.85
	2354.00	0.06	39.15	2353.97	-2.66	2.03	-5.58	0.05	461689.04	723711.59	N 32 16 4.37	W 103 44 35.84
	2543.00	0.06	258.87	2542.97	-2.73	2.09	-5.62	0.06	461689.10	723711.55	N 32 16 4.37	W 103 44 35.84
	2638.00	0.06	326.53	2637.97	-2.77	2.12	-5.69	0.07	461689.13	723711.48	N 32 16 4.37	W 103 44 35.84
	2827.00	0.06	76.41	2826.97	-2.87	2.23	-5.85	0.05	461689.24	723711.52	N 32 16 4.37	W 103 44 35.84
	2922.00	0.06	170.36	2921.97	-2.82	2.19	-5.59	0.09	461689.20	723711.58	N 32 16 4.37	W 103 44 35.84
	3017.00	0.06	37.88	3016.97	-2.81	2.16	-5.55	0.12	461689.19	723711.62	N 32 16 4.37	W 103 44 35.84
	3112.00	0.06	279.60	3111.97	-2.86	2.23	-5.57	0.11	461689.24	723711.60	N 32 16 4.37	W 103 44 35.84
	3206.00	0.06	354.30	3205.97	-2.92	2.28	-5.83	0.08	461689.29	723711.54	N 32 16 4.37	W 103 44 35.84
	3301.00	0.11	179.29	3300.97	-2.88	2.24	-5.63	0.18	461689.25	723711.54	N 32 16 4.37	W 103 44 35.84
	3491.00	0.16	120.33	3490.97	-2.54	1.93	-5.40	0.07	461689.94	723711.77	N 32 16 4.37	W 103 44 35.84
	3585.00	0.08	34.68	3584.97	-2.51	1.91	-5.25	0.18	461688.92	723711.92	N 32 16 4.37	W 103 44 35.84
	3680.00	0.17	75.25	3679.97	-2.58	2.00	-5.07	0.13	461689.01	723712.10	N 32 16 4.37	W 103 44 35.84
	3775.00	0.06	79.69	3774.97	-2.60	2.05	-4.89	0.12	461689.06	723712.28	N 32 16 4.37	W 103 44 35.83
	3870.00	0.00	182.84	3869.97	-2.60	2.06	-4.84	0.06	461689.07	723712.33	N 32 16 4.37	W 103 44 35.83
	3964.00	0.06	189.61	3963.97	-2.58	2.01	-4.85	0.06	461689.02	723712.32	N 32 16 4.37	W 103 44 35.83
	4059.00	0.06	182.61	4058.97	-2.46	1.91	-4.88	0.01	461688.92	723712.31	N 32 16 4.37	W 103 44 35.83
	4154.00	0.06	131.10	4153.97	-2.37	1.83	-4.82	0.05	461688.84	723712.35	N 32 16 4.36	W 103 44 35.83
	4333.00	0.23	251.63	4332.97	-2.23	1.65	-5.09	0.15	461688.66	723712.08	N 32 16 4.36	W 103 44 35.84
	4533.00	0.17	272.45	4532.97	-2.20	1.54	-5.77	0.05	461688.55	723711.40	N 32 16 4.36	W 103 44 35.85
	4723.00	0.11	279.37	4722.97	-2.29	1.58	-6.23	0.03	461688.59	723710.94	N 32 16 4.36	W 103 44 35.85
	4817.00	0.11	130.63	4816.97	-2.25	1.54	-6.25	0.23	461688.55	723710.92	N 32 16 4.36	W 103 44 35.85
	4912.00	0.11	75.10	4911.97	-2.20	1.50	-6.10	0.11	461688.51	723711.07	N 32 16 4.36	W 103 44 35.85
	5006.00	0.11	357.45	5005.97	-2.30	1.61	-6.01	0.15	461688.62	723711.16	N 32 16 4.36	W 103 44 35.85
	5101.00	0.11	87.52	5100.97	-2.38	1.71	-5.93	0.16	461688.72	723711.24	N 32 16 4.36	W 103 44 35.85
	5196.00	0.11	180.54	5195.97	-2.29	1.62	-5.84	0.17	461688.63	723711.33	N 32 16 4.36	W 103 44 35.85
	5290.00	0.11	111.90	5289.97	-2.16	1.50	-5.75	0.13	461688.51	723711.42	N 32 16 4.36	W 103 44 35.85
	5385.00	0.11	64.64	5384.97	-2.14	1.50	-5.59	0.09	461688.51	723711.58	N 32 16 4.36	W 103 44 35.84
	5480.00	0.11	7.99	5479.97	-2.26	1.63	-5.49	0.11	461688.64	723711.68	N 32 16 4.36	W 103 44 35.84
	5574.00	0.11	147.03	5573.97	-2.26	1.65	-5.43	0.22	461688.66	723711.74	N 32 16 4.36	W 103 44 35.84
	5669.00	0.11	219.45	5668.97	-2.12	1.50	-5.44	0.14	461688.51	723711.73	N 32 16 4.36	W 103 44 35.84
	5764.00	0.11	140.14	5763.97	-1.98	1.38	-5.44	0.15	461688.37	723711.73	N 32 16 4.36	W 103 44 35.84
	5858.00	0.11	250.73	5857.97	-1.89	1.26	-5.46	0.19	461688.27	723711.71	N 32 16 4.36	W 103 44 35.84
	5953.00	0.70	67.57	5952.96	-2.02	1.45	-5.01	0.85	461688.46	723712.16	N 32 16 4.36	W 103 44 35.84
	6047.00	2.79	79.09	6046.92	-2.35	2.10	-2.24	2.24	461689.11	723714.93	N 32 16 4.37	W 103 44 35.80
	6142.00	5.16	76.96	6141.68	-2.99	3.50	4.20	2.50	461690.51	723721.37	N 32 1	

Comments	MD (ft)	Incl (°)	Azm Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northings (ft)	Easting (ft)	Latitude (N/S ° ° °)	Longitude (E/W ° ° °)
	6425.00	10.68	75.91	6421.68	-7.86	12.98	43.33	1.78	461699.99	723760.50	N 32 16 4.47	W 103 44 35.27
	6614.00	9.97	75.78	6607.56	-12.32	21.34	76.49	0.48	461708.35	723793.66	N 32 16 4.55	W 103 44 34.89
	6804.00	9.94	76.35	6794.70	-16.48	29.25	108.37	0.05	461716.26	723825.54	N 32 16 4.63	W 103 44 34.51
	6993.00	9.75	87.54	6980.93	-17.29	33.79	140.22	1.02	461720.79	723857.38	N 32 16 4.67	W 103 44 34.14
	7183.00	9.94	87.51	7168.14	-14.91	35.19	172.67	0.10	461722.20	723889.83	N 32 16 4.69	W 103 44 33.76
	7372.00	9.47	88.57	7354.43	-12.31	36.29	204.51	0.27	461723.29	723921.67	N 32 16 4.69	W 103 44 33.39
	7467.00	9.72	90.17	7448.10	-10.64	36.46	220.35	0.38	461723.46	723937.50	N 32 16 4.70	W 103 44 33.21
	7562.00	8.72	92.00	7541.87	-8.60	36.18	235.56	1.10	461723.19	723952.72	N 32 16 4.69	W 103 44 33.03
	7657.00	8.99	96.80	7635.74	-5.79	35.05	250.13	0.83	461722.06	723967.29	N 32 16 4.68	W 103 44 32.86
	7752.00	8.79	97.68	7729.60	-2.26	33.20	264.69	0.25	461720.21	723981.85	N 32 16 4.66	W 103 44 32.69
	7846.00	8.29	98.45	7822.56	1.28	31.25	278.51	0.55	461718.25	723995.87	N 32 16 4.64	W 103 44 32.53
	7941.00	8.20	99.93	7916.58	5.00	29.07	291.96	0.24	461716.08	724009.12	N 32 16 4.62	W 103 44 32.38
	8036.00	7.88	101.20	8010.64	8.94	26.64	305.02	0.39	461713.65	724022.18	N 32 16 4.59	W 103 44 32.22
	8131.00	7.44	101.26	8104.79	12.83	24.17	317.44	0.46	461711.18	724034.80	N 32 16 4.57	W 103 44 32.08
	8225.00	6.99	103.41	8198.05	16.66	21.66	328.98	0.56	461708.67	724046.13	N 32 16 4.54	W 103 44 31.95
	8320.00	6.37	104.24	8292.41	20.53	19.02	339.71	0.66	461706.03	724056.88	N 32 16 4.49	W 103 44 31.71
	8414.00	5.70	104.75	8385.88	24.09	16.55	349.28	0.72	461703.56	724066.43	N 32 16 4.47	W 103 44 31.60
	8509.00	5.54	100.57	8480.43	27.17	14.51	358.35	0.46	461701.52	724075.50	N 32 16 4.46	W 103 44 31.50
	8604.00	5.58	93.15	8574.98	29.32	13.41	367.47	0.78	461700.42	724084.62	N 32 16 4.46	W 103 44 31.39
	8698.00	5.74	87.65	8668.52	30.45	13.35	376.73	0.60	461700.36	724093.68	N 32 16 4.46	W 103 44 31.28
	8793.00	5.69	83.88	8763.05	30.85	14.05	386.16	1.03	461701.06	724103.30	N 32 16 4.48	W 103 44 31.16
	8888.00	6.48	78.47	8857.52	30.44	15.62	396.09	0.54	461702.63	724113.24	N 32 16 4.50	W 103 44 31.04
	8983.00	6.94	76.55	8951.87	29.31	18.03	406.93	1.20	461705.04	724124.07	N 32 16 4.54	W 103 44 30.91
	9077.00	6.95	67.25	9045.18	27.06	21.55	417.69	0.50	461713.34	724134.84	N 32 16 4.58	W 103 44 30.79
	9172.00	6.89	63.34	9139.49	23.52	26.33	428.09	1.57	461719.47	724145.23	N 32 16 4.71	W 103 44 30.66
	9267.00	8.22	58.23	9233.68	18.69	32.46	438.95	0.79	461726.11	724156.10	N 32 16 4.76	W 103 44 30.53
	9362.00	7.54	60.59	9327.76	13.40	39.10	450.16	2.02	461731.08	724167.30	N 32 16 4.78	W 103 44 30.42
	9457.00	5.73	66.18	9422.13	9.59	44.08	459.83	0.88	461733.57	724177.07	N 32 16 4.78	W 103 44 30.35
	9552.00	5.20	70.95	9492.80	7.86	46.56	466.21	0.75	461734.70	724187.69	N 32 16 4.80	W 103 44 30.31
	9658.00	4.90	71.30	9532.65	7.11	47.70	469.54	2.01	461735.82	724198.83	N 32 16 4.73	W 103 44 30.21
	9762.00	5.70	72.24	9626.28	6.95	48.81	477.68	12.36	461728.44	724209.79	N 32 16 4.50	W 103 44 29.78
	9866.00	5.70	72.24	9718.63	16.01	41.44	492.64	10.85	461705.65	724220.91	N 32 16 4.12	W 103 44 29.56
	9970.00	23.80	143.81	9808.04	41.21	18.64	514.71	12.54	461613.17	724231.85	N 32 16 3.59	W 103 44 29.37
	10074.00	31.06	161.21	9891.55	81.54	-19.73	533.77	13.79	461544.91	724242.08	N 32 16 2.91	W 103 44 29.37
	10178.00	40.60	173.52	9968.58	136.61	-73.84	545.19	9.37	461464.84	724253.33	N 32 16 2.12	W 103 44 29.37
	10282.00	53.14	178.06	10032.74	204.87	-142.11	549.94	9.30	461378.86	724264.93	N 32 16 1.27	W 103 44 29.37
	10386.00	61.99	179.24	10083.64	284.72	-222.19	551.79	8.00	461287.45	724276.78	N 32 16 0.38	W 103 44 29.37
	10490.00	70.59	180.97	10121.40	370.09	-308.17	551.59	4.27	461193.87	724287.76	N 32 15 59.44	W 103 44 29.40
	10594.00	78.16	180.23	10146.97	460.78	-398.58	550.64	5.93	461100.27	724297.91	N 32 15 58.51	W 103 44 29.40
	10698.00	82.19	179.80	10163.18	553.73	-493.17	550.62	1.93	461059.29	724308.60	N 32 15 58.11	W 103 44 29.40
	10802.00	88.54	179.87	10172.73	646.72	-586.77	550.61	1.07	461030.31	724319.26	N 32 15 57.82	W 103 44 29.41
	10906.00	88.32	180.09	10173.53	716.22	-656.74	550.82	1.57	460936.36	724329.91	N 32 15 56.89	W 103 44 29.40
	11010.00	88.49	178.62	10176.15	809.66	-750.69	551.88	0.95	460747.45	724340.67	N 32 15 55.02	W 103 44 29.35
	11114.00	90.28	178.40	10178.17	897.88	-839.61	556.80	0.65	460556.54	724351.42	N 32 15 53.15	W 103 44 29.31
	11218.00	91.46	178.73	10175.30	986.06	-928.53	561.53	0.61	460464.61	724362.17	N 32 15 52.22	W 103 44 29.29
	11322.00	91.34	178.17	10173.01	1074.66	-1018.22	564.07	0.79	460369.71	724372.92	N 32 15 51.28	W 103 44 29.25
	11426.00	91.23	177.43	10170.88	1162.85	-1107.37	567.72	0.70	460275.82	724383.67	N 32 15 50.35	W 103 44 29.21
	11530.00	91.40	178.10	10168.20	1251.05	-1196.40	571.41	0.04	460088.98	724394.42	N 32 15 48.48	W 103 44 29.15
	11634.00	91.23	177.86	10162.09	1339.30	-1285.43	575.16	0.28	459993.07	724405.17	N 32 15 46.57	W 103 44 29.12
	11738.00	91.01	178.64	10160.24	1427.55	-1374.46	578.91	0.85	459898.14	724415.92	N 32 15 44.71	W 103 44 29.09
	11842.00	90.73	177.98	10158.79	1515.80	-1463.41	582.66	0.75	459803.20	724426.67	N 32 15 42.87	W 103 44 29.07
	11946.00	91.01	178.69	10157.37	1604.05	-1552.36	586.41	0.81	459708.26	724437.42	N 32 15 43.81	W 103 44 29.04
	12050.00	90.95	177.76	10155.78	1692.30	-1641.31	590.16	0.99	459613.32	724448.17	N 32 15 42.87	W 103 44 29.01
	12154.00	90.73	177.58	10154.37	1780.55	-1730.26	593.91	0.30	459520.41	724458.92	N 32 15 41.95	W 103 44 28.97
	12258.00	90.90	178.21	10153.03	1868.80	-1819.21	597.66	0.69	459426.49	724469.67	N 32 15 41.02	W 103 44 28.90
	12362.00	90.90	177.21	10151.55	1957.05	-1908.16	601.41	1.06	459332.59	724480.42	N 32 15 40.08	W 103 44 28.87
	12466.00	91.07	178.98	10149.92	2045.30	-1997.11	605.16	1.87	459238.66	724491.17	N 32 15 39.15	W 103 44 28.88
	12570.00	90.90	180.93	10148.30	2133.55	-2086.06	608.91	2.08	459144.83	724501.92	N 32 15 38.21	W 103 44 28.89
	12674.00	90.39	180.00	10147.23	2221.80	-2175.01	612.66	1.12	459048.70	724512.67	N 32 15 37.28	W 103 44 28.90
	12778.00	90.56	180.32	10146.45	2310.05	-2263.96	616.41	0.39	458954.71	724523.42	N 32 15 36.34	W 103 44 28.90
	12882.00	90.28	179.02	10145.76	2398.30	-2352.91	620.16	1.40	458860.72	724534.17	N 32 15 35.41	W 103 44 28.89
	12986.00	90.39	179.34	10145.21	2486.55	-2441.86	623.91	0.36	458766.74	724544.92	N 32 15 34.47	W 103 44 28.89
	13090.00	90.00	179.90	10144.88	2574.80	-2530.81	627.66	0.72	458672.75	724555.67	N 32 15 33.54	W 103 44 28.89
	13194.00	89.38	180.00	10145.39	2663.05	-2619.76	631.41	0.67	458578.75	724566.42	N 32 15 32.60	W 103 44 28.91
	13298.00	89.38	180.61	10146.42	2751.30	-2708.71	635.16	0.64	458484.77	724577.17	N 32 15 31.67	W 103 44 28.94
	13402.00	89.44	181.79	10147.39	2839.55	-2797.66	638.91	1.26	458390.83	724587.92	N 32 15 30.74	W 103 44 28.98
	13506.00	89.38	182.66	10148.36	2927.80	-2886.61	642.66	0.93	458296.89	724598.67	N 32 15 29.80	W 103 44 29.04
	13610.00	89.38	182.31	10149.39	3016.05	-2975.56	646.41	0.37	458202.95	724609.42	N 32 15 28.87	W 103 44 29.09
	13714.00	89.50	182.79	10150.30	3104.30	-3064.51	650.16	0.53	458108.98	724620.17	N 32 15 27.94	W 103 44 29.15
	13818.00	88.82	182.67	10151.68	3192.55	-3153.46	653.91	0.73	458015.04	724630.92	N 32 15 27.00	W 103 44 29.21
	13922.00	89.38	182.71	10153.17	3280.80	-3242.41	657.66	1.22	457921.10	724641.67	N 32 15 26.07	W 103 44 29.26
	14026.00	89.27	181.57	10154.28	3369.05	-3331.36	661.41	0.80	457827.16	724652.42	N 32 15 25.13	W 103 44 29.29
	14130.00	89.94	181.21	10154.94	3457.30	-3420.31	665.16	0.46	457733.22	724663.17	N 32 15 24.20	W 103 44 29.32
	14234.00	90.34	181.05	10154.71	3545.55	-3509.26	668.91	0.67	457639.28	724673.92	N 32 15 23.26	W 103 44 29.35
	14338.00	90.39	181.68	10154.10	3633.80	-3598.21	672.66	0.47	457545.34	724684.67	N 32 15 22.32	W 103 44 29.39
	14442.00	90.56	182.09	10153.31	3722.05	-3687.16	676.41	0.49	457451.40	724695.42	N 32 15 21.40	W 103 44 29.43
	14546.00	90.45	181.78	10152.67	3810.30	-3776.11</						

Schlumberger

OXY



Borehole: Original Borehole Well: Oxy Cal-Mon MDP1 35 Federal 6H Field: NM Eddy County (NAD 83) Structure: Oxy Cal-Mon MDP1 35 Federal 6H

Gravity & Magnetic Parameters

Model: NDOM 2018 Dip: 60.02° Date: 18-Mar-2019
MagDec: 6.902° F.R.: 48072.88nT Gravity F.R.: 988.448mg (8.80668 Based)

Surface Location NAD83 New Mexico State Plane, Eastern Zone, US Feet

Lat: N 32 18 4.35 Northing: 461827.01RUS Grid Conv: 0.318°
Lon: W 103 44 38.78 Easting: 723717.17RUS Scale Fact: 0.9894719

Miscellaneous

Oxy Cal-Mon
MDP1 35 Federal 6H
Plan: Oxy Cal-Mon MDP1 35 Federal 6H Rev0 APS 25Feb18
TVD Ref: RKB=26.5'(3484.7ft above MSL)

Grid
True
Mag
Grid North
Tot Corr (M->G 6.587°)
Mag Dec (6.902°)
Grid Conv (0.315°)

