

Oxy Corral Canyon 36-25 Federal Com 22H Gyro+MWD 0-20,890' Survey

Geodetic Report

(Def Survey)



30.015.44632

Report Date: April 13, 2018 - 02:33 PM
 Client: OXY
 Field: NM Eddy County (NAD 83)
 Structure / Slot: Oxy Corral Canyon 36-25 Federal Com 22H / Oxy Corral Canyon 36-25 Federal Com 22H
 Well: Oxy Corral Canyon 36-25 Federal Com 22H
 Borehole: Original Borehole
 UTM / APID: Unknown / 30-015-44632
 Survey Name: Oxy Corral Canyon 36-25 Federal Com 22H Gyro+MWD 0-20,890'
 Survey Date: March 27, 2018
 Tort / AHD / DDI / ERD Ratio: 270.968' / 12193.779 ft / 6.878' / 1.335
 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 9' 55.80253", W 103° 56' 29.98455"
 Location Grid N/E Y/X: N 424164.720 NUS, E 662532.640 NUS
 CRS Grid Convergence Angle: 0.2085°
 Grid Scale Factor: 0.9992591
 Version / Patch: 2.10.715.0

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 359.168° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB=26.5
 TVD Reference Elevation: 3138.800 ft above MSL
 Seabed / Ground Elevation: 3112.300 ft above MSL
 Magnetic Declination: 8.991°
 Total Gravity Field Strength: 998.4504mgm (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 48010.264 nT
 Magnetic Dip Angle: 59.928°
 Declination Date: March 27, 2018
 Magnetic Declination Model: HDGM 2018
 North Reference: Grid North
 Grid Convergence Used: 0.2085°
 Total Corr Mag North→Grid: 6.7825°
 North: Well Head
 Local Coord Referenced To: Well Head

NM OIL CONSERVATION
ARTESIA DISTRICT

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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	424164.72	662532.64	N 32° 9' 55.80"	W 103° 56' 29.98"
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	424164.72	662532.64	N 32° 9' 55.80"	W 103° 56' 29.98"
	70.50	0.06	194.12	70.50	-0.02	-0.02	-0.01	0.14	424164.70	662532.63	N 32° 9' 55.80"	W 103° 56' 29.98"
	120.50	0.07	281.27	120.50	-0.04	-0.04	-0.04	0.18	424164.68	662532.60	N 32° 9' 55.80"	W 103° 56' 29.99"
	220.50	0.25	244.66	220.50	-0.12	-0.12	-0.30	0.20	424164.60	662532.34	N 32° 9' 55.80"	W 103° 56' 29.99"
	320.50	0.54	195.86	320.50	-0.66	-0.67	-0.63	0.42	424164.05	662532.02	N 32° 9' 55.80"	W 103° 56' 29.99"
	420.50	0.98	213.61	420.49	-1.80	-1.82	-1.22	0.48	424162.90	662531.42	N 32° 9' 55.78"	W 103° 56' 30.00"
	480.50	0.76	212.14	480.48	-2.55	-2.58	-1.71	0.34	424162.14	662530.93	N 32° 9' 55.78"	W 103° 56' 30.00"
	600.00	0.68	166.04	599.97	-3.91	-3.94	-1.96	0.48	424160.78	662530.68	N 32° 9' 55.76"	W 103° 56' 30.01"
	789.00	0.18	38.10	788.97	-4.77	-4.79	-1.50	0.43	424159.93	662531.14	N 32° 9' 55.76"	W 103° 56' 30.00"
	988.00	0.29	359.66	985.97	-4.03	-4.05	-1.32	0.09	424160.67	662531.32	N 32° 9' 55.76"	W 103° 56' 30.00"
	1157.00	0.25	332.41	1156.97	-3.26	-3.28	-1.49	0.08	424161.44	662531.15	N 32° 9' 55.77"	W 103° 56' 30.00"
	1252.00	0.08	119.94	1251.97	-3.11	-3.13	-1.53	0.34	424161.59	662531.11	N 32° 9' 55.77"	W 103° 56' 30.00"
	1441.00	0.24	237.39	1440.97	-3.39	-3.41	-1.75	0.15	424161.31	662530.89	N 32° 9' 55.77"	W 103° 56' 30.01"
	1615.00	0.58	84.20	1614.96	-3.50	-3.52	-1.18	0.46	424161.20	662531.46	N 32° 9' 55.77"	W 103° 56' 30.00"
	1804.00	0.22	133.42	1803.96	-3.67	-3.67	0.04	0.25	424161.05	662532.68	N 32° 9' 55.77"	W 103° 56' 29.98"
	1898.00	1.33	217.40	1897.95	-4.66	-4.68	-0.50	1.41	424160.06	662532.14	N 32° 9' 55.76"	W 103° 56' 29.99"
	1993.00	1.44	273.90	1992.93	-5.42	-5.46	-2.36	1.38	424159.26	662530.28	N 32° 9' 55.75"	W 103° 56' 30.01"
	2087.00	1.19	355.14	2086.91	-4.35	-4.41	-3.62	1.83	424160.31	662529.02	N 32° 9' 55.76"	W 103° 56' 30.03"
	2181.00	0.60	73.16	2180.90	-3.24	-3.29	-3.23	1.29	424161.43	662529.41	N 32° 9' 55.77"	W 103° 56' 30.02"
	2370.00	0.48	244.12	2369.90	-3.29	-3.34	-2.97	0.58	424161.38	662529.68	N 32° 9' 55.77"	W 103° 56' 30.02"
	2559.00	0.53	185.58	2558.89	-4.48	-4.54	-3.73	0.26	424160.18	662528.91	N 32° 9' 55.76"	W 103° 56' 30.03"
	2749.00	0.93	75.14	2748.88	-4.98	-5.02	-2.33	0.64	424159.70	662530.31	N 32° 9' 55.75"	W 103° 56' 30.01"
	2843.00	0.28	172.06	2842.88	-5.02	-5.05	-1.56	1.07	424159.67	662531.08	N 32° 9' 55.75"	W 103° 56' 30.00"
	2937.00	0.29	186.39	2936.88	-5.49	-5.51	-1.55	0.08	424159.21	662531.09	N 32° 9' 55.75"	W 103° 56' 30.00"
	3031.00	0.11	174.20	3030.87	-5.81	-5.84	-1.57	0.20	424158.88	662531.07	N 32° 9' 55.74"	W 103° 56' 30.00"
	3128.00	0.41	252.38	3125.87	-6.00	-6.03	-1.89	0.42	424158.69	662531.07	N 32° 9' 55.74"	W 103° 56' 30.00"
	3220.00	0.18	289.44	3219.87	-6.05	-6.08	-2.35	0.31	424158.64	662530.75	N 32° 9' 55.74"	W 103° 56' 30.01"
	3408.00	0.17	22.39	3407.87	-5.69	-5.73	-2.52	0.14	424158.99	662530.12	N 32° 9' 55.75"	W 103° 56' 30.01"
	3502.00	0.18	348.91	3501.87	-5.42	-5.45	-2.49	0.11	424159.27	662530.15	N 32° 9' 55.75"	W 103° 56' 30.01"
	3597.00	0.16	127.77	3596.87	-5.35	-5.39	-2.42	0.34	424159.33	662530.22	N 32° 9' 55.75"	W 103° 56' 30.01"
	3785.00	0.11	200.95	3784.87	-5.68	-5.72	-2.27	0.09	424159.00	662530.37	N 32° 9' 55.75"	W 103° 56' 30.01"
	3880.00	0.20	91.06	3879.87	-5.77	-5.81	-2.14	0.27	424158.91	662530.50	N 32° 9' 55.75"	W 103° 56' 30.01"
	4069.00	0.13	153.50	4068.87	-5.98	-6.00	-1.72	0.10	424158.72	662530.93	N 32° 9' 55.74"	W 103° 56' 30.00"
	4163.00	0.20	56.12	4162.87	-5.99	-6.01	-1.53	0.27	424158.71	662531.11	N 32° 9' 55.74"	W 103° 56' 30.00"
	4352.00	0.08	226.73	4351.87	-5.89	-5.91	-1.35	0.15	424158.81	662531.29	N 32° 9' 55.74"	W 103° 56' 30.00"
	4448.00	0.18	129.09	4445.87	-6.03	-6.05	-1.29	0.22	424158.67	662531.35	N 32° 9' 55.74"	W 103° 56' 30.00"
	4540.00	0.13	289.54	4539.87	-6.09	-6.11	-1.27	0.33	424158.61	662531.37	N 32° 9' 55.74"	W 103° 56' 30.00"
	4635.00	0.28	79.11	4634.87	-6.01	-6.03	-1.15	0.42	424158.69	662531.49	N 32° 9' 55.74"	W 103° 56' 30.00"
	4729.00	0.13	20.03	4728.87	-5.87	-5.89	-0.88	0.26	424158.63	662531.76	N 32° 9' 55.74"	W 103° 56' 30.00"
	4823.00	0.25	52.43	4822.87	-5.65	-5.68	-0.69	0.17	424159.06	662531.96	N 32° 9' 55.75"	W 103° 56' 29.99"
	4918.00	0.40	338.78	4917.87	-5.22	-5.23	-0.64	0.43	424159.49	662532.00	N 32° 9' 55.75"	W 103° 56' 29.99"
	5107.00	0.00	150.21	5106.88	-4.60	-4.61	-0.88	0.21	424160.11	662531.76	N 32° 9' 55.76"	W 103° 56' 29.99"
	5295.00	0.11	180.59	5294.86	-4.78	-4.79	-0.88	0.06	424159.93	662531.76	N 32° 9' 55.76"	W 103° 56' 30.00"
	5484.00	0.48	354.65	5483.86	-4.17	-4.18	-0.96	0.31	424160.54	662531.68	N 32° 9' 55.76"	W 103° 56' 30.00"
	5673.00	0.13	34.25	5672.86	-3.21	-3.22	-0.91	0.21	424161.50	662531.73	N 32° 9' 55.77"	W 103° 56' 30.00"
	5861.00	0.20	262.10	5860.86	-3.07	-3.09	-1.12	0.16	424161.63	662531.52	N 32° 9' 55.77"	W 103° 56' 30.00"
	6050.00	0.18	185.08	6049.86	-3.41	-3.43	-1.47	0.13	424161.29	662531.17	N 32° 9' 55.77"	W 103° 56' 30.00"
	6239.00	0.13	239.85	6238.86	-3.81	-3.83	-1.68	0.08	424160.89	662530.96	N 32° 9' 55.76"	W 103° 56' 30.00"
	6428.00	0.13	126.53	6427.86	-4.04	-4.07	-1.69	0.11	424160.85	662530.95	N 32° 9' 55.76"	W 103° 56' 30.00"
	6523.00	0.11	11.91	6522.88	-4.02	-4.04	-1.59	0.21	424160.68	662531.05	N 32° 9' 55.76"	W 103° 56' 30.00"
	6817.00	0.20	231.09	6816.88	-4.03	-4.06	-1.70	0.31	424160.66	662530.94	N 32° 9' 55.76"	W 103° 56' 30.00"
	6806.00	0.08	214.38	6805.88	-4.32	-4.35	-2.01	0.08	424160.37	662530.63	N 32° 9' 55.76"	W 103° 56' 30.01"
	6901.00	0.08	197.15	6900.88	-4.42	-4.45	-2.08	0.03	424160.27	662530.58	N 32° 9' 55.76"	W 103° 56' 30.01"
	6995.00	0.43	308.20	6994.88	-4.26	-4.30	-2.35	0.49	424160.42	662530.29	N 32° 9' 55.76"	W 103° 56' 30.01"
	7089.00	2.23	329.10	7088.83	-2.48	-2.51	-3.57	1.95	424162.21	662529.07	N 32° 9' 55.78"	W 103° 56' 30.03"
	7184.00	2.26	1.96	7183.76	1.01	0.95	-4.46	1.34	424165.67	662528.19	N 32° 9' 55.81"	W 103° 56' 30.04"
	7278.00	2.63	6.97	7277.67	5.00	4.94	-4.13	0.45	424169.66	662528.51	N 32° 9' 55.85"	W 103° 56' 30.03"
	7372.00	3.38	355.04	7371.54	9.90	9.84	-4.11	1.03	424174.56	662528.53	N 32° 9' 55.90"	W 103° 56' 30.03"
	7465.00	4.43	317.90	7464.34	15.34	15.24	-6.75	2.88	424179.96	662525.89	N 32° 9' 55.95"	W 103° 56' 30.06"
	7560.00	4.73	300.12	7559.04	20.11	19.93	-12.60	1.52	424184.65	662520.04	N 32° 9' 56.00"	W 103° 56' 30.13"
	7656.00	5.92	311.46	7654.63	25.48	25.19	-19.74	1.65	424189.91	662512.91	N 32° 9' 56.05"	W 103° 56' 30.21"
	7750.00	5.73	319.41	7748.14	32.35	31.97	-26.42	0.88	424196.69	662506.22	N 32° 9' 56.12"	W 103° 56' 30.28"
	7845.00	5.92	315.96	7842.65	39.56	39.09	-32.91	0.42	424203.81	662499.73	N 32° 9' 56.19"	W 103° 56' 30.37"
	7939.00	6.04	312.85	7938.14	46.51	45.94	-39.91	0.37	424210.68	662492.73	N 32° 9' 56.26"	W 103° 56' 30.45"
	8034.00	6.08	315.74	8030.61	53.62	52.94	-47.08	0.32	424217.68	662485.56	N 32° 9' 56.33"	W 103° 56' 30.53"
	8128.00	6.81	326.54	8124.02	61.93	61.16	-53.63	1.50	424225.87	662479.01	N 32° 9' 56.41"	W 103° 56' 30.61"
	8223.00	6.84	341.09	8218.36	72.05	71.21	-58.57	1.82	424235.92	662474.07	N 32° 9' 56.51"	W 103° 56' 30.66"
	8317.00	7.30	341.64	8311.64	83.07	82.17	-62.27	0.49	424246.88	662470.38	N 32° 9' 56.62"	W 103° 56' 30.71"
	8412.00	8.34	327.46	8405.76	94.68	93.71	-67.87	2.30	424258.42	662464.77	N 32° 9' 56.73"	W 103° 56' 30.77"
	8488.00	10.58	323.75	8480.73	105.06	103.98	-74.97	3.05	424268.70	662457.68	N 32° 9' 56.83"	W 103° 56' 30.85"
	8535.00	13.68	338.46	8524.46	132.33	131.05	-89.33	2.96	424295.76	662443.31	N 32° 9' 57.10"	W 103° 56' 31.02"
	8730.00	22.36	328.53	8714.74	158.44	156.97	-102.92	9.66	424321.67	662429.73	N 32° 9' 57.36"	W 103° 56' 31.18"
	8825.00	28.37	333.14	8800.55	194.31	192.55	-122.57	6.65	424357.25	662410.08	N 32° 9' 57.71"	W 103°

Comments	MD	Incl	Adm Ord	TVD	VEEC	NS	EW	DL3	Northing	Easting	Latitude	Longitude
	6282.00	78.53	0.03	8102.11	522.40	526.51	-180.53	12.78	424690.19	662352.50	N 32 10 1.94	W 103 56 32.66
	6283.00	78.54	2.33	8102.11	522.40	519.88	-178.40	12.79	424690.18	662354.25	N 32 10 1.94	W 103 56 32.65
	6284.00	78.65	4.11	8102.11	522.40	607.21	-174.75	4.32	424690.17	662357.90	N 32 10 2.58	W 103 56 31.89
	6285.00	78.70	3.38	8101.27	788.70	787.34	-168.05	1.58	424892.00	662354.60	N 32 10 3.60	W 103 56 31.81
	6286.00	78.75	3.38	8093.64	684.16	881.30	-162.49	0.58	425046.01	662370.17	N 32 10 4.53	W 103 56 31.84
	6287.00	78.80	3.49	8093.64	684.16	881.30	-156.82	0.58	425144.55	662376.84	N 32 10 5.47	W 103 56 31.70
	6288.00	78.85	3.03	8093.64	684.16	881.30	-151.04	0.52	425242.38	662381.61	N 32 10 6.41	W 103 56 31.64
	6289.00	78.90	2.81	8093.64	684.16	881.30	-146.22	0.23	425336.81	662386.43	N 32 10 7.35	W 103 56 31.58
	6290.00	78.95	2.57	8093.64	684.16	881.30	-141.77	4.68	425431.51	662390.88	N 32 10 8.34	W 103 56 31.52
	6291.00	79.00	2.52	8093.64	684.16	881.30	-137.35	2.88	425525.39	662395.30	N 32 10 9.27	W 103 56 31.46
	6292.00	79.05	3.20	8093.64	684.16	881.30	-132.38	3.45	425620.08	662400.27	N 32 10 10.21	W 103 56 31.40
	6293.00	79.10	3.56	8093.64	684.16	881.30	-126.78	1.05	425714.82	662405.86	N 32 10 11.14	W 103 56 31.35
	6294.00	79.15	3.81	8093.64	684.16	881.30	-122.81	1.81	425809.28	662412.04	N 32 10 12.02	W 103 56 31.23
	6295.00	79.20	4.58	8093.64	684.16	881.30	-118.93	0.87	425903.90	662418.66	N 32 10 13.54	W 103 56 31.11
	6296.00	79.25	7.92	8093.64	684.16	881.30	-114.77	1.73	426001.72	662425.81	N 32 10 14.48	W 103 56 30.98
	6297.00	79.30	7.22	8093.64	684.16	881.30	-110.11	0.51	426105.84	662432.51	N 32 10 15.41	W 103 56 30.85
	6298.00	79.35	5.75	8093.64	684.16	881.30	-105.11	0.82	426209.99	662439.19	N 32 10 16.35	W 103 56 30.72
	6299.00	79.40	2.89	8093.64	684.16	881.30	-100.11	1.63	426313.37	662445.84	N 32 10 17.29	W 103 56 30.60
	6300.00	79.45	1.63	8093.64	684.16	881.30	-95.11	3.04	426416.75	662452.49	N 32 10 18.23	W 103 56 30.47
	6301.00	79.50	3.56	8093.64	684.16	881.30	-90.11	1.34	426519.16	662459.14	N 32 10 19.17	W 103 56 30.35
	6302.00	79.55	3.56	8093.64	684.16	881.30	-85.11	2.85	426621.57	662465.79	N 32 10 20.11	W 103 56 30.22
	6303.00	79.60	3.56	8093.64	684.16	881.30	-80.11	2.95	426723.98	662472.44	N 32 10 21.05	W 103 56 30.10
	6304.00	79.65	3.56	8093.64	684.16	881.30	-75.11	1.36	426826.39	662479.09	N 32 10 21.99	W 103 56 30.04
	6305.00	79.70	3.56	8093.64	684.16	881.30	-70.11	0.96	426928.80	662485.74	N 32 10 22.93	W 103 56 29.96
	6306.00	79.75	3.56	8093.64	684.16	881.30	-65.11	0.72	427031.21	662492.39	N 32 10 23.87	W 103 56 29.88
	6307.00	79.80	3.56	8093.64	684.16	881.30	-60.11	0.63	427133.62	662499.04	N 32 10 24.81	W 103 56 29.80
	6308.00	79.85	3.56	8093.64	684.16	881.30	-55.11	0.33	427236.03	662505.69	N 32 10 25.75	W 103 56 29.72
	6309.00	79.90	3.56	8093.64	684.16	881.30	-50.11	1.33	427338.44	662512.34	N 32 10 26.69	W 103 56 29.64
	6310.00	79.95	3.56	8093.64	684.16	881.30	-45.11	1.33	427440.85	662518.99	N 32 10 27.63	W 103 56 29.56
	6311.00	80.00	3.56	8093.64	684.16	881.30	-40.11	1.33	427543.26	662525.64	N 32 10 28.57	W 103 56 29.48
	6312.00	80.05	3.56	8093.64	684.16	881.30	-35.11	1.33	427645.67	662532.29	N 32 10 29.51	W 103 56 29.40
	6313.00	80.10	3.56	8093.64	684.16	881.30	-30.11	1.33	427748.08	662538.94	N 32 10 30.45	W 103 56 29.32
	6314.00	80.15	3.56	8093.64	684.16	881.30	-25.11	1.33	427850.49	662545.59	N 32 10 31.39	W 103 56 29.24
	6315.00	80.20	3.56	8093.64	684.16	881.30	-20.11	1.33	427952.90	662552.24	N 32 10 32.33	W 103 56 29.16
	6316.00	80.25	3.56	8093.64	684.16	881.30	-15.11	1.33	428055.31	662558.89	N 32 10 33.27	W 103 56 29.08
	6317.00	80.30	3.56	8093.64	684.16	881.30	-10.11	1.33	428157.72	662565.54	N 32 10 34.21	W 103 56 29.00
	6318.00	80.35	3.56	8093.64	684.16	881.30	-5.11	1.33	428260.13	662572.19	N 32 10 35.15	W 103 56 28.92
	6319.00	80.40	3.56	8093.64	684.16	881.30	0.11	1.33	428362.54	662578.84	N 32 10 36.09	W 103 56 28.84
	6320.00	80.45	3.56	8093.64	684.16	881.30	5.11	1.33	428464.95	662585.49	N 32 10 37.03	W 103 56 28.76
	6321.00	80.50	3.56	8093.64	684.16	881.30	10.11	1.33	428567.36	662592.14	N 32 10 37.97	W 103 56 28.68
	6322.00	80.55	3.56	8093.64	684.16	881.30	15.11	1.33	428669.77	662598.79	N 32 10 38.91	W 103 56 28.60
	6323.00	80.60	3.56	8093.64	684.16	881.30	20.11	1.33	428772.18	662605.44	N 32 10 39.85	W 103 56 28.52
	6324.00	80.65	3.56	8093.64	684.16	881.30	25.11	1.33	428874.59	662612.09	N 32 10 40.79	W 103 56 28.44
	6325.00	80.70	3.56	8093.64	684.16	881.30	30.11	1.33	428977.00	662618.74	N 32 10 41.73	W 103 56 28.36
	6326.00	80.75	3.56	8093.64	684.16	881.30	35.11	1.33	429079.41	662625.39	N 32 10 42.67	W 103 56 28.28
	6327.00	80.80	3.56	8093.64	684.16	881.30	40.11	1.33	429181.82	662632.04	N 32 10 43.61	W 103 56 28.20
	6328.00	80.85	3.56	8093.64	684.16	881.30	45.11	1.33	429284.23	662638.69	N 32 10 44.55	W 103 56 28.12
	6329.00	80.90	3.56	8093.64	684.16	881.30	50.11	1.33	429386.64	662645.34	N 32 10 45.49	W 103 56 28.04
	6330.00	80.95	3.56	8093.64	684.16	881.30	55.11	1.33	429489.05	662651.99	N 32 10 46.43	W 103 56 27.96
	6331.00	81.00	3.56	8093.64	684.16	881.30	60.11	1.33	429591.46	662658.64	N 32 10 47.37	W 103 56 27.88
	6332.00	81.05	3.56	8093.64	684.16	881.30	65.11	1.33	429693.87	662665.29	N 32 10 48.31	W 103 56 27.80
	6333.00	81.10	3.56	8093.64	684.16	881.30	70.11	1.33	429796.28	662671.94	N 32 10 49.25	W 103 56 27.72
	6334.00	81.15	3.56	8093.64	684.16	881.30	75.11	1.33	429898.69	662678.59	N 32 10 50.19	W 103 56 27.64
	6335.00	81.20	3.56	8093.64	684.16	881.30	80.11	1.33	429999.99	662685.24	N 32 10 51.13	W 103 56 27.56
	6336.00	81.25	3.56	8093.64	684.16	881.30	85.11	1.33	430101.39	662691.89	N 32 10 52.07	W 103 56 27.48
	6337.00	81.30	3.56	8093.64	684.16	881.30	90.11	1.33	430202.79	662698.54	N 32 10 53.01	W 103 56 27.40
	6338.00	81.35	3.56	8093.64	684.16	881.30	95.11	1.33	430304.19	662705.19	N 32 10 53.95	W 103 56 27.32
	6339.00	81.40	3.56	8093.64	684.16	881.30	100.11	1.33	430405.59	662711.84	N 32 10 54.89	W 103 56 27.24
	6340.00	81.45	3.56	8093.64	684.16	881.30	105.11	1.33	430506.99	662718.49	N 32 10 55.83	W 103 56 27.16
	6341.00	81.50	3.56	8093.64	684.16	881.30	110.11	1.33	430608.39	662725.14	N 32 10 56.77	W 103 56 27.08
	6342.00	81.55	3.56	8093.64	684.16	881.30	115.11	1.33	430709.79	662731.79	N 32 10 57.71	W 103 56 27.00
	6343.00	81.60	3.56	8093.64	684.16	881.30	120.11	1.33	430811.19	662738.44	N 32 10 58.65	W 103 56 26.92
	6344.00	81.65	3.56	8093.64	684.16	881.30	125.11	1.33	430912.59	662745.09	N 32 10 59.59	W 103 56 26.84
	6345.00	81.70	3.56	8093.64	684.16	881.30	130.11	1.33	431013.99	662751.74	N 32 11 00.53	W 103 56 26.76
	6346.00	81.75	3.56	8093.64	684.16	881.30	135.11	1.33	431115.39	662758.39	N 32 11 01.47	W 103 56 26.68
	6347.00	81.80	3.56	8093.64	684.16	881.30	140.11	1.33	431216.79	662765.04	N 32 11 02.41	W 103 56 26.60
	6348.00	81.85	3.56	8093.64	684.16	881.30	145.11	1.33	431318.19	662771.69	N 32 11 03.35	W 103 56 26.52
	6349.00	81.90	3.56	8093.64	684.16	881.30	150.11	1.33	431419.59	662778.34	N 32 11 04.29	W 103 56 26.44
	6350.00	81.95	3.56	8093.64	684.16	881.30	155.11	1.33	431520.99	662784.99	N 32 11 05.23	W 103 56 26.36
	6351.00	82.00	3.56	8093.64	684.16	881.30	160.11	1.33	431622.39	662791.64	N 32 11 06.17	W 103 56 26.28
	6352.00	82.05	3.56	8093.64	684.16	881.30	165.11	1.33	431723.79	662798.29	N 32 11 07.11	W 103 56 26.20
	6353.00	82.10	3.56	8093.64	684.16	881.30	170.11	1.33	431825.19	662804.94	N 32 11 08.05	W 103 56 26.12
	6354.00	82.15	3.56	8093.64	684.16	881.30	175.11	1.33	431926.59	662811.59	N 32 11 08.99	W 103 56 26.04
	6355.00	82.20	3.56	8093.64	684.16	881.30	180.11	1.33	432027.99	662818.24	N 32 11 09.93	W 103 56 25.96
	6356.00	82.25	3.56	8093.64	684.16	881.30	185.11	1.33	432129.39	662824.89	N 32 11 10.87	W 103 56 25.88
	6357.00	82.30	3.56	8093.64	684.16	881.30	190.11	1.33	432230.79	662831.54	N 32 11 11.81	W 103 56 25.80
	6358.00	82.35	3.56	8093.64	684.16	881.30	195.11	1.33	432332.19	662838.19	N 32 11 12.75	W 103 56 25.72
	6359.00	82.40	3.56	8093.64	684.16	881.30						

Comments	MD (ft)	Incl (°)	Adm Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (1/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S)	Longitude (E/W)
	1987.00	87.25	0.65	9120.00	10999.62	10999.69	-75.04	0.57	435163.57	662457.60	N 32 11 44.65	W 103 56 30.79
	19892.00	87.28	0.65	9124.53	11094.49	11094.56	-74.47	0.63	435266.46	662456.16	N 32 11 43.29	W 103 56 30.38
	19986.00	87.73	359.48	9126.62	11166.40	11166.49	-74.85	0.77	435352.35	662457.80	N 32 11 43.29	W 103 56 30.38
	20090.00	87.77	356.87	9132.31	11262.32	11262.41	-75.20	0.65	435444.20	662454.40	N 32 11 47.45	W 103 56 30.38
	20175.00	89.24	356.66	9134.79	11377.29	11377.35	-75.25	1.56	435494.20	662464.40	N 32 11 48.39	W 103 56 30.41
	20270.00	89.88	357.71	9135.94	11472.27	11472.30	-81.56	0.84	435636.15	662461.39	N 32 11 49.33	W 103 56 30.44
	20364.00	89.45	357.04	9136.10	11566.22	11566.20	-81.56	0.94	435730.04	662447.08	N 32 11 50.25	W 103 56 30.49
	20456.00	90.58	357.57	9136.08	11661.17	11661.05	-84.03	1.31	435824.82	662443.62	N 32 11 51.19	W 103 56 30.54
	20553.00	91.35	357.49	9134.33	11754.96	11754.96	-84.03	1.04	435918.81	662438.57	N 32 11 52.12	W 103 56 30.58
	20646.00	92.77	357.13	9136.10	11850.01	11849.83	-88.54	0.85	436013.65	662434.11	N 32 11 53.06	W 103 56 30.63
	20742.00	93.17	356.75	9126.70	11943.83	11943.59	-103.55	1.04	436107.40	662429.10	N 32 11 53.99	W 103 56 30.68
	20837.00	93.66	355.82	9121.03	12038.54	12038.22	-109.69	1.11	436202.02	662422.96	N 32 11 54.93	W 103 56 30.75
Final MWD	20849.00	93.89	355.71	9120.24	12050.49	12050.16	-110.58	1.97	436213.96	662422.07	N 32 11 55.04	W 103 56 30.76
Survey	20890.00	93.89	355.71	9117.45	12091.32	12090.95	-113.64	0.00	436254.75	662419.01	N 32 11 55.45	W 103 56 30.79
Proj to Bit												

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 0 *** 3-D 85.000% Confidence 2.7955 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	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 22H
	1	26.500	26.500	Act Strs	30.000	NAL_NSG+MSHOT-Depth Only	Gyro MWD 0-20.890'
	1	26.500	420.500	Act Strs	30.000	NAL_NSG+MSHOT	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 22H
	1	420.500	20890.000	Act Strs	30.000	NAL_MWD_PLUS_0.5_DEG	Original Borehole / Oxy Corral Canyon 36-25 Federal Com 22H

Schlumberger

OXY



Borehole: Original Borehole Well: Oxy Corral Canyon 38-25 Federal Com 22H Field: NM Eddy County (NAD 83) Structure: Oxy Corral Canyon 38-25 Federal Com 22H

Gravity & Magnetic Parameters

Model: HD08 2019 Dip: 59.829° Date: 27-Mar-2019
MagDec: 6.991° PS: 45915.264mT Gravity PS: 986.45mg (1.00985 Based)

Surface Location

NAD83 New Mexico State Plane, Eastern Zone, US Feet
Lat: N 32 9 55.80 Northing: 434184.728US Grid Cont: 6.2089°
Lon: W 103 26 23.98 Easting: 662532.640US Scale Fact: 0.86982291

Miscellaneous

Oxy Corral Canyon 38-25 Federal Com 22H Rev4 APS 06Apr18
Oxy Corral Canyon 38-25 Federal Com 22H Rev4 APS 06Apr18
Oxy Corral Canyon 38-25 Federal Com 22H Rev4 APS 06Apr18

Grid
True
Mag

Grid North
Tot Corr (M->G 6.782°)
Mag Dec (6.991°)
Grid Conv (0.209°)

