

Oxy Corral Fly 35-26 Federal Com 26H Gyro+MWD(IFR1) 0-19,313' Survey Geodetic Report (Def Survey)



30-015-44684

Report Date: June 19, 2018 - 10:03 AM
Client: OXY
Field: NM Eddy County (NAD 83)
Structure / Slot: Oxy Corral Fly 35-26 Federal Com 26H / Oxy Corral Fly 35-26 Federal Com 26H
Well: Oxy Corral Fly 35-26 Federal Com 26H
Borehole: Original Borehole
UWI / API#: Unknown / 30-015-44684
Survey Name: Oxy Corral Fly 35-26 Federal Com 26H Gyro+MWD(IFR1) 0-19,313'
Survey Date: June 11, 2018
Tort / AHD / ODI / ERD Ratio: 302 511' / 11249.088 R / 8 801' / 1.242
Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 5' 56.41731", W 103° 57' 2.26904"
Location Grid N/E Y/X: N 424216 860 MJS, E 659757.450 MJS
CRS Grid Convergence Angle: 0.2037°
Grid Scale Factor: 0.99992515
Version / Patch: 2.10 720.0

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 4.367° (Grid North)
Vertical Section Origin: 0.000 R, 0.000 R
TVD Reference Datum: RKB+26.5'
TVD Reference Elevation: 3098.700 R above MSL
Seabed / Ground Elevation: 1072.200 R above MSL
Magnetic Declination: 8.984°
Total Gravity Field Strength: 988.4533mg (9.80665 G)
Gravity Model: GARM
Total Magnetic Field Strength: 47987.115 nT
Magnetic Dip Angle: 59.922°
Declination Date: June 11, 2018
Magnetic Declination Model: HDGM 2018
North Reference: Grid North
Grid Convergence Used: 0.2037°
Total Corr Mag North-Grid: 8.7804°
North: Well Head
Local Coord Referenced To: Well Head

**Provide Signature Page for
Directional Survey**

Comments	MD (ft)	Incl (°)	Azimuth (°)	TVD (ft)	VSEC (ft)	N3 (ft)	EW (ft)	DLB (ft/100ft)	Northing (MUS)	Easting (MUS)	Latitude (N/S)	Longitude (E/W)
RKB SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	424216.88	659757.45	N 32° 5' 56.42"	W 103° 57' 2.27"
	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	424216.88	659757.45	N 32° 5' 56.42"	W 103° 57' 2.27"
Last Gyro	94.60	0.72	249.20	94.60	-0.18	-0.15	-0.40	1.06	424216.71	659757.05	N 32° 5' 56.42"	W 103° 57' 2.27"
	156.60	0.83	241.45	156.59	-0.93	-0.45	-1.06	0.21	424216.41	659756.39	N 32° 5' 56.41"	W 103° 57' 2.28"
	215.80	0.54	250.38	215.79	-0.82	-0.70	-1.61	0.22	424216.10	659755.84	N 32° 5' 56.41"	W 103° 57' 2.28"
	277.00	0.50	212.06	276.99	-1.18	-1.03	-2.03	0.56	424215.83	659755.42	N 32° 5' 56.41"	W 103° 57' 2.29"
	338.70	0.51	208.68	338.69	-1.87	-1.49	-2.30	0.05	424215.37	659755.15	N 32° 5' 56.40"	W 103° 57' 2.30"
	401.80	0.63	187.51	401.88	-2.27	-2.09	-2.48	0.38	424214.78	659754.97	N 32° 5' 56.40"	W 103° 57' 2.30"
	448.70	0.62	218.32	448.68	-2.72	-2.52	-2.68	0.74	424214.34	659754.79	N 32° 5' 56.39"	W 103° 57' 2.30"
	513.00	0.11	111.08	512.98	-3.03	-2.82	-2.83	1.00	424214.04	659754.62	N 32° 5' 56.39"	W 103° 57' 2.30"
	564.00	0.11	210.25	563.98	-3.20	-3.00	-2.77	0.11	424213.88	659754.68	N 32° 5' 56.39"	W 103° 57' 2.30"
	791.00	0.18	330.38	790.98	-3.15	-2.93	-2.93	0.20	424213.93	659754.52	N 32° 5' 56.39"	W 103° 57' 2.30"
	883.00	0.28	204.15	882.98	-3.24	-3.01	-3.09	0.45	424213.85	659754.38	N 32° 5' 56.39"	W 103° 57' 2.31"
	978.00	0.08	343.91	978.98	-3.39	-3.16	-3.20	0.37	424213.70	659754.25	N 32° 5' 56.39"	W 103° 57' 2.31"
	1068.00	0.11	178.98	1067.98	-3.42	-3.18	-3.22	0.20	424213.68	659754.23	N 32° 5' 56.39"	W 103° 57' 2.31"
	1181.00	0.11	37.26	1180.98	-3.43	-3.20	-3.16	0.22	424213.66	659754.29	N 32° 5' 56.39"	W 103° 57' 2.31"
	1253.00	0.11	103.41	1252.98	-3.37	-3.15	-3.02	0.13	424213.71	659754.43	N 32° 5' 56.39"	W 103° 57' 2.30"
	1348.00	0.11	95.54	1348.98	-3.39	-3.18	-2.85	0.02	424213.68	659754.60	N 32° 5' 56.39"	W 103° 57' 2.30"
	1438.00	0.13	162.67	1437.98	-3.49	-3.29	-2.78	0.20	424213.57	659754.87	N 32° 5' 56.38"	W 103° 57' 2.30"
	1513.00	0.11	168.74	1512.98	-3.65	-3.45	-2.79	0.07	424213.41	659754.87	N 32° 5' 56.38"	W 103° 57' 2.30"
	1656.00	0.13	167.24	1655.98	-3.82	-3.63	-2.65	0.09	424213.23	659754.85	N 32° 5' 56.38"	W 103° 57' 2.30"
	1844.00	0.08	69.32	1843.98	-3.81	-3.65	-2.28	0.04	424213.21	659755.17	N 32° 5' 56.38"	W 103° 57' 2.30"
	1839.00	0.08	289.21	1838.98	-3.75	-3.59	-2.27	0.15	424213.27	659755.18	N 32° 5' 56.38"	W 103° 57' 2.30"
	2033.00	0.06	359.80	2032.98	-3.68	-3.51	-2.33	0.08	424213.35	659755.12	N 32° 5' 56.38"	W 103° 57' 2.30"
	2128.00	0.22	342.06	2127.98	-3.46	-3.29	-2.38	0.17	424213.58	659755.08	N 32° 5' 56.38"	W 103° 57' 2.30"
	2222.00	0.11	25.82	2221.98	-3.21	-3.03	-2.40	0.17	424213.83	659755.05	N 32° 5' 56.39"	W 103° 57' 2.30"
	2317.00	0.00	188.51	2316.98	-3.12	-2.95	-2.36	0.12	424213.91	659755.09	N 32° 5' 56.39"	W 103° 57' 2.30"
	2411.00	0.20	280.48	2410.98	-3.18	-2.98	-2.52	0.21	424213.88	659754.93	N 32° 5' 56.39"	W 103° 57' 2.30"
	2506.00	0.13	314.63	2505.98	-3.13	-2.93	-2.77	0.17	424213.93	659754.89	N 32° 5' 56.39"	W 103° 57' 2.30"
	2600.00	0.17	140.56	2599.98	-3.16	-2.96	-2.75	0.32	424213.90	659754.70	N 32° 5' 56.39"	W 103° 57' 2.30"
	2695.00	0.11	101.52	2694.98	-3.28	-3.08	-2.57	0.12	424213.77	659754.88	N 32° 5' 56.39"	W 103° 57' 2.30"
	2789.00	0.18	131.70	2788.97	-3.38	-3.21	-2.38	0.11	424213.65	659755.07	N 32° 5' 56.39"	W 103° 57' 2.30"
	2883.00	0.08	70.23	2882.97	-3.44	-3.28	-2.20	0.17	424213.58	659755.25	N 32° 5' 56.38"	W 103° 57' 2.29"
	2978.00	0.08	198.91	2977.97	-3.48	-3.32	-2.18	0.15	424213.54	659755.29	N 32° 5' 56.38"	W 103° 57' 2.29"
	3072.00	0.18	90.65	3071.97	-3.53	-3.39	-2.04	0.23	424213.47	659755.41	N 32° 5' 56.38"	W 103° 57' 2.29"
	3261.00	0.06	201.35	3260.97	-3.81	-3.48	-1.78	0.11	424213.38	659755.88	N 32° 5' 56.38"	W 103° 57' 2.29"
	3449.00	0.13	240.90	3448.97	-3.82	-3.68	-2.00	0.05	424213.18	659755.45	N 32° 5' 56.38"	W 103° 57' 2.29"
	3638.00	0.08	123.69	3637.97	-4.00	-3.85	-2.07	0.10	424213.01	659755.36	N 32° 5' 56.38"	W 103° 57' 2.29"
3733.00	0.08	51.00	3732.97	-3.99	-3.83	-1.97	0.10	424213.01	659755.48	N 32° 5' 56.38"	W 103° 57' 2.29"	
3827.00	0.11	122.12	3826.97	-3.98	-3.86	-1.84	0.12	424213.00	659755.61	N 32° 5' 56.38"	W 103° 57' 2.29"	
4015.00	0.11	160.50	4014.97	-4.23	-4.12	-1.63	0.04	424212.74	659755.82	N 32° 5' 56.38"	W 103° 57' 2.29"	
4204.00	0.11	262.18	4203.97	-4.44	-4.32	-1.75	0.09	424212.54	659755.70	N 32° 5' 56.37"	W 103° 57' 2.29"	
4299.00	0.08	43.38	4298.97	-4.41	-4.28	-1.79	0.19	424212.58	659755.66	N 32° 5' 56.38"	W 103° 57' 2.29"	
4393.00	0.11	182.72	4392.97	-4.44	-4.32	-1.75	0.19	424212.54	659755.70	N 32° 5' 56.37"	W 103° 57' 2.29"	
4582.00	1.85	18.91	4581.95	-2.00	-1.95	-0.83	0.93	424214.91	659756.62	N 32° 5' 56.40"	W 103° 57' 2.28"	
4678.00	1.12	71.09	4678.82	-0.34	-0.38	0.50	1.37	424216.48	659757.95	N 32° 5' 56.41"	W 103° 57' 2.26"	
4865.00	6.92	67.00	4864.38	5.83	4.68	12.74	3.07	424221.53	659770.18	N 32° 5' 56.46"	W 103° 57' 2.12"	
5053.00	11.45	69.80	5049.82	18.00	15.55	40.69	2.42	424232.41	659788.13	N 32° 5' 56.57"	W 103° 57' 1.80"	
5242.00	14.92	69.52	5233.81	38.03	30.54	81.10	1.84	424247.40	659838.54	N 32° 5' 56.72"	W 103° 57' 1.32"	
5431.00	14.53	65.39	5418.71	58.34	48.93	125.45	0.59	424265.79	659882.89	N 32° 5' 56.80"	W 103° 57' 0.81"	
5525.00	14.70	61.84	5507.67	70.47	59.47	146.68	0.97	424270.33	659904.12	N 32° 5' 57.00"	W 103° 57' 0.58"	
5619.00	14.48	60.39	5598.64	83.45	70.91	187.42	0.45	424287.78	659924.85	N 32° 5' 57.11"	W 103° 57' 0.32"	
5808.00	13.89	54.62	5781.84	111.28	95.81	208.59	0.79	424312.66	659964.02	N 32° 5' 57.38"	W 103° 56' 59.85"	
5902.00	14.58	53.79	5872.94	126.21	109.37	225.19	0.84	424328.22	659982.82	N 32° 5' 57.49"	W 103° 56' 59.64"	
5997.00	13.82	51.35	5965.02	141.77	123.56	243.95	0.92	424340.41	660001.38	N 32° 5' 57.63"	W 103° 56' 59.43"	
6091.00	13.65	48.98	6056.26	157.83	138.38	281.06	1.12	424355.20	660018.49	N 32° 5' 57.78"	W 103° 56' 59.23"	
6185.00	13.45	45.93	6147.58	174.35	153.69	277.19	0.59	424370.54	660034.62	N 32° 5' 57.93"	W 103° 56' 59.04"	
6280.00	12.70	48.18	6240.12	190.15	168.34	282.91	0.95	424385.19	660050.34	N 32° 5' 58.07"	W 103° 56' 58.85"	
6468.00	9.89	81.59	6424.49	213.81	189.81	322.53	2.04	424406.05	660076.95	N 32° 5' 58.26"	W 103° 56' 58.51"	
6561.00	9.72	58.08	6518.10	222.98	197.93	336.51	0.85	424414.78	660093.93	N 32° 5' 58.38"	W 103° 56' 58.25"	
6657.00	10.13	57.73	6610.70	232.61	206.54	350.24	0.44	424423.38	660107.66	N 32° 5' 58.45"	W 103° 56' 58.19"	
6751.00	10.43	83.31	6703.19	241.93	214.78	364.83	1.11	424431.62	660122.25	N 32° 5' 58.53"	W 103° 56' 58.02"	
6845.00	10.27	70.22	6795.67	249.75	221.43	380.32	1.33	424438.28	660137.74	N 32° 5' 58.60"	W 103° 56' 57.84"	
6940.00	9.95	77.03	6889.19	255.66	226.14	396.28	1.30	424442.98	660153.70	N 32° 5' 58.64"	W 103° 56' 57.65"	
7035.00	9.71	77.77	6981.27	258.80	228.49	406.78	0.43	424445.33	660164.20	N 32° 5' 58.66"	W 103° 56' 57.53"	
7098.00	9.58	68.00	7044.88	264.99	233.53	422.12	2.13	424450.57	660178.53	N 32° 5' 58.71"	W 103° 56' 57.35"	
7192.00	8.12	38.85	7137.76	274.48	242.15	433.53	5.18	424458.99	660190.95	N 32° 5' 58.80"	W 103° 56' 57.22"	
7287.00	8.38	8.57	7231.81	287.03	254.37	438.59	4.24	424471.21	660198.00	N 32° 5' 58.92"	W 103° 56' 57.16"	
7381.00	8.84	15.14	7324.78	300.95	268.12	441.49	1.15	424484.58	660198.91	N 32° 5' 59.05"	W 103° 56' 57.12"	
7475.00	7.14	28.19	7417.85	313.39	280.24	448.14	2.83	424497.08	660203.58	N 32° 5' 59.17"	W 103° 56' 57.07"	
7570.00	5.24	35.74	7512.29	322.50	288.97	451.47	2.17	424505.80	660208.88	N 32° 5' 59.28"	W 103° 56' 57.01"	
7664.00	3.01	58.24	7608.05	327.89	293.82	458.02	2.81	424510.66	660213.44	N 32° 5' 59.31"	W 103° 56' 56.95"	
7758.00	3.93	82.83	7699.88	328.88	295.60	461.27	1.95	424512.43	660218.89	N 32° 5' 59.33"	W 103° 56' 56.80"	
7853.00	5.62	81.78	7794.55	331.52	296.87	469.11	1.78	424513.50	660226.52	N 32° 5' 59.34"	W 103° 56' 56.60"	
7947.00	6.60	78.16	7888.01	334.03	298.43	478.95	1.12	424515.27	660236.38	N 32° 5' 59.35"	W 103° 56' 56.48"	
8042.00	7.98	81.19	7982.24	337.06	300.56	490.81	1.51	424				

Comments	MD	Incl	Ash Gnd	TWD	VREC	NS	EW	DLS	Heading	Eastng	Latitude	Longitude
	(M)	(°)		(M)	(M)	(M)	(M)	(M)	(M)	(M)	(N/S)	(E/W)
	8230.00	10.34	93.82	6167.60	340.40	301.29	520.37	1.60	42416.13	660277.78	N 32° 5' 53.28" W	103° 56' 56.20" E
	8235.00	8.85	82.40	6292.11	340.52	300.17	541.34	1.59	42417.01	660281.76	N 32° 8' 59.28" W	103° 56' 55.95" E
	8238.00	18.48	86.21	6468.43	345.24	301.57	585.00	1.18	42418.41	660344.41	N 32° 8' 59.28" W	103° 56' 55.95" E
	8243.00	31.25	88.20	6551.18	355.22	302.94	624.88	1.15	42425.37	660413.39	N 32° 8' 59.28" W	103° 56' 54.99" E
	8248.00	43.50	82.60	6628.52	370.00	302.48	675.89	1.20	42429.12	660431.59	N 32° 8' 59.28" W	103° 56' 54.99" E
	8253.00	48.00	82.60	6701.28	375.00	302.48	717.14	1.21	42431.50	660450.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8258.00	46.00	81.27	6772.66	375.00	302.48	758.14	1.04	42433.88	660468.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8263.00	46.00	81.27	6843.88	375.00	302.48	800.00	1.04	42436.26	660486.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8268.00	50.32	81.27	6915.10	375.00	302.48	841.34	0.97	42438.64	660505.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8273.00	50.32	81.27	6986.36	375.00	302.48	882.48	0.97	42441.02	660523.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8278.00	50.32	81.27	7057.62	375.00	302.48	923.62	0.97	42443.40	660542.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8283.00	50.32	81.27	7128.88	375.00	302.48	964.76	0.97	42445.78	660560.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8288.00	50.32	81.27	7199.14	375.00	302.48	1005.90	0.97	42448.16	660578.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8293.00	50.32	81.27	7270.40	375.00	302.48	1047.04	0.97	42450.54	660597.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8298.00	50.32	81.27	7341.66	375.00	302.48	1088.18	0.97	42452.92	660615.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8303.00	50.32	81.27	7412.92	375.00	302.48	1129.32	0.97	42455.30	660634.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8308.00	50.32	81.27	7484.18	375.00	302.48	1170.46	0.97	42457.68	660652.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8313.00	50.32	81.27	7555.44	375.00	302.48	1211.60	0.97	42460.06	660670.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8318.00	50.32	81.27	7626.70	375.00	302.48	1252.74	0.97	42462.44	660689.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8323.00	50.32	81.27	7697.96	375.00	302.48	1293.88	0.97	42464.82	660707.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8328.00	50.32	81.27	7769.22	375.00	302.48	1335.02	0.97	42467.20	660726.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8333.00	50.32	81.27	7840.48	375.00	302.48	1376.16	0.97	42469.58	660744.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8338.00	50.32	81.27	7911.74	375.00	302.48	1417.30	0.97	42471.96	660762.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8343.00	50.32	81.27	7983.00	375.00	302.48	1458.44	0.97	42474.34	660781.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8348.00	50.32	81.27	8054.26	375.00	302.48	1499.58	0.97	42476.72	660799.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8353.00	50.32	81.27	8125.52	375.00	302.48	1540.72	0.97	42479.10	660818.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8358.00	50.32	81.27	8196.78	375.00	302.48	1581.86	0.97	42481.48	660836.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8363.00	50.32	81.27	8268.04	375.00	302.48	1623.00	0.97	42483.86	660854.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8368.00	50.32	81.27	8339.30	375.00	302.48	1664.14	0.97	42486.24	660873.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8373.00	50.32	81.27	8410.56	375.00	302.48	1705.28	0.97	42488.62	660891.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8378.00	50.32	81.27	8481.82	375.00	302.48	1746.42	0.97	42491.00	660910.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8383.00	50.32	81.27	8553.08	375.00	302.48	1787.56	0.97	42493.38	660928.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8388.00	50.32	81.27	8624.34	375.00	302.48	1828.70	0.97	42495.76	660946.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8393.00	50.32	81.27	8695.60	375.00	302.48	1869.84	0.97	42498.14	660965.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8398.00	50.32	81.27	8766.86	375.00	302.48	1910.98	0.97	42500.52	660983.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8403.00	50.32	81.27	8838.12	375.00	302.48	1952.12	0.97	42502.90	661002.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8408.00	50.32	81.27	8909.38	375.00	302.48	1993.26	0.97	42505.28	661020.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8413.00	50.32	81.27	8980.64	375.00	302.48	2034.40	0.97	42507.66	661038.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8418.00	50.32	81.27	9051.90	375.00	302.48	2075.54	0.97	42510.04	661057.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8423.00	50.32	81.27	9123.16	375.00	302.48	2116.68	0.97	42512.42	661075.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8428.00	50.32	81.27	9194.42	375.00	302.48	2157.82	0.97	42514.80	661094.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8433.00	50.32	81.27	9265.68	375.00	302.48	2198.96	0.97	42517.18	661112.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8438.00	50.32	81.27	9336.94	375.00	302.48	2240.10	0.97	42519.56	661130.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8443.00	50.32	81.27	9408.20	375.00	302.48	2281.24	0.97	42521.94	661149.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8448.00	50.32	81.27	9479.46	375.00	302.48	2322.38	0.97	42524.32	661167.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8453.00	50.32	81.27	9550.72	375.00	302.48	2363.52	0.97	42526.70	661186.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8458.00	50.32	81.27	9621.98	375.00	302.48	2404.66	0.97	42529.08	661204.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8463.00	50.32	81.27	9693.24	375.00	302.48	2445.80	0.97	42531.46	661222.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8468.00	50.32	81.27	9764.50	375.00	302.48	2486.94	0.97	42533.84	661241.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8473.00	50.32	81.27	9835.76	375.00	302.48	2528.08	0.97	42536.22	661259.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8478.00	50.32	81.27	9907.02	375.00	302.48	2569.22	0.97	42538.60	661278.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8483.00	50.32	81.27	9978.28	375.00	302.48	2610.36	0.97	42540.98	661296.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8488.00	50.32	81.27	10049.54	375.00	302.48	2651.50	0.97	42543.36	661314.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8493.00	50.32	81.27	10120.80	375.00	302.48	2692.64	0.97	42545.74	661333.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8498.00	50.32	81.27	10192.06	375.00	302.48	2733.78	0.97	42548.12	661351.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8503.00	50.32	81.27	10263.32	375.00	302.48	2774.92	0.97	42550.50	661370.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8508.00	50.32	81.27	10334.58	375.00	302.48	2816.06	0.97	42552.88	661388.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8513.00	50.32	81.27	10405.84	375.00	302.48	2857.20	0.97	42555.26	661406.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8518.00	50.32	81.27	10477.10	375.00	302.48	2898.34	0.97	42557.64	661425.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8523.00	50.32	81.27	10548.36	375.00	302.48	2939.48	0.97	42559.98	661443.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8528.00	50.32	81.27	10619.62	375.00	302.48	2980.62	0.97	42562.36	661462.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8533.00	50.32	81.27	10690.88	375.00	302.48	3021.76	0.97	42564.74	661480.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8538.00	50.32	81.27	10762.14	375.00	302.48	3062.90	0.97	42567.12	661498.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8543.00	50.32	81.27	10833.40	375.00	302.48	3104.04	0.97	42569.50	661517.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8548.00	50.32	81.27	10904.66	375.00	302.48	3145.18	0.97	42571.88	661535.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8553.00	50.32	81.27	10975.92	375.00	302.48	3186.32	0.97	42574.26	661554.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8558.00	50.32	81.27	11047.18	375.00	302.48	3227.46	0.97	42576.64	661572.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8563.00	50.32	81.27	11118.44	375.00	302.48	3268.60	0.97	42579.02	661590.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8568.00	50.32	81.27	11189.70	375.00	302.48	3309.74	0.97	42581.40	661609.20	N 32° 10' 0.01" W	103° 56' 52.78" E
	8573.00	50.32	81.27	11260.96	375.00	302.48	3350.88	0.97	42583.78	661627.60	N 32° 10' 0.01" W	103° 56' 52.78" E
	8578.00	50.32	81.27	11332.22	375.00	302.48	3392.02	0.97	42586.16	661646.00	N 32° 10' 0.01" W	103° 56' 52.78" E
	8583.00	50.32	81.27	11403.48	375.00	302.48	3433.16	0.97	42588.54	661664.40	N 32° 10' 0.01" W	103° 56' 52.78" E
	8588.00	50.32	81.27	11474.74	375.00	302.48	3474.30	0.97	42590.92	661682.80	N 32° 10' 0.01" W	103° 56' 52.78" E
	8593.00	50.32	81.27	11546.00	375.00	302.48	3515.44	0.97	42593.30	661701.20	N 32° 10'	

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
----------	------------	-------------	------------------	-------------	--------------	------------	------------	-------------------	--------------------	-------------------	-------------------------	--------------------------

Survey Error Model: ISCWB8 Rev 0 *** 3-D 95 000% Confidence 2.7055 sigma
 Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EQU Freq (ft)	Hole Size	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	26.500	1/98.425	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Corral Fly 35-28 Federal Com 26H Gyro+MWD(IFR1) 0-19.313'
	1	26.500	26.500	Act Sns	30.000	30.000	NAL_NSG+MSHOT-Depth Only	Original Borehole / Oxy Corral Fly 35-28 Federal Com 26H Gyro+MWD(IFR1) 0-19.313'
	1	26.500	448.700	Act Sns	30.000	30.000	NAL_NSG+MSHOT	Original Borehole / Oxy Corral Fly 35-28 Federal Com 26H Gyro+MWD(IFR1) 0-19.313'
	1	448.700	8358.000	Act Sns	30.000	30.000	NAL_MWD_IFR1+MS	Original Borehole / Oxy Corral Fly 35-28 Federal Com 26H Gyro+MWD(IFR1) 0-19.313'
	1	8358.000	8725.000	Act Sns	30.000	30.000	NAL_MWD_PLUS_0.5_DEG	Original Borehole / Oxy Corral Fly 35-28 Federal Com 26H Gyro+MWD(IFR1) 0-19.313'
	1	8725.000	19313.000	Act Sns	30.000	30.000	NAL_MWD_IFR1+MS	Original Borehole / Oxy Corral Fly 35-28 Federal Com 26H Gyro+MWD(IFR1) 0-19.313'

...Original Borehole\Oxy Corral Fly 35-28 Federal Com 26H Gyro+MWD(IFR1) 0-19.313'



Vertical Section (ft) Azim = 437° Scale = 1.1800 00(ft) Origin = 0N/-S. 0E/-W