

30-015-44510

Schlumberger



Oxy Corral Fly 02-01 State 24H Gyro+MWD 0-18,922' Survey Geodetic Report
(Def Survey)

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 16 2018

RECEIVED

Report Date February 19 2018 09 07 AM
Client OXY
Field NM Eddy County (NAD 83)
Structure / Slot Oxy Corral Fly 02-01 State 24H / Oxy Corral Fly 02-01 State 24H
Well Oxy Corral Fly 02-01 State 24H
Borehole Original Borehole
UWI / API# Unknown / Unknown
Survey Name Oxy Corral Fly 02 01 State 24H Gyro+MWD 0-18 922'
Survey Date January 31 2018
Tort / AHD / DDI / ERD Ratio 251 966 / 11370 112 ft / 6 777 / 1.254
Coordinate Reference System NAD83 New Mexico State Plane Eastern Zone US Feet
Location Lat / Long N 32 9 19 69604 W 103 57 44 53203
Location Grid N/E Y/X N 420493 450 RUS E 656137 590 RUS
CRS Grid Convergence Angle 0 1974
Grid Scale Factor 0 99992419
Version / Patch 2 10 706 0

Survey / DLS Computation
Vertical Section Azimuth 84 026 (Grid North)
Vertical Section Origin 0 000 ft 0 000 ft
TVD Reference Datum RKB=26 5
TVD Reference Elevation 3052 900 ft above MSL
Seabed / Ground Elevation 3026 400 ft above MSL
Magnetic Declination 7 031
Total Gravity Field Strength 988 4552mgm (9 80665 Based)
Gravity Model GARM
Total Magnetic Field Strength 48025 132 nT
Magnetic Dip Angle 59 824
Declination Date January 31 2018
Magnetic Declination Model HDGM 2017
North Reference Grid North
Grid Convergence Used 0 1974
Total Corr Mag North->Grid North 6 8333
Local Coord Referenced To 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)
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	420493 45	656137 59	N 32	9 19 70 W 103 57 44 53
Last Gyro	100 74	0.66	181 09	100 74	0.07	-0.58	-0.01	0.66	420492 87	656137 58	N 32	9 19 69 W 103 57 44 53
	189 42	1.17	179 16	189 41	-0.22	2.00	-0.01	0.58	420491 45	656137 58	N 32	9 19 68 W 103 57 44 53
	278 24	1.59	203 19	278 20	-0.90	-4.04	-0.48	0.80	420489 41	656137 11	N 32	9 19 66 W 103 57 44 54
	369 65	2.60	219 46	369 55	2.99	-6.80	2.30	1.27	420486 65	656135 29	N 32	9 19 63 W 103 57 44 56
	512 00	2.70	223 20	511 75	7.83	11 74	-6.64	0.14	420481 71	656130 95	N 32	9 19 58 W 103 57 44 61
	607 00	2.11	229 36	606 66	10.96	14 51	9.50	0.68	420478 94	656128 09	N 32	9 19 55 W 103 57 44 64
	702 00	1.05	222 48	701 63	13.05	16 29	11.42	1.13	420477 16	656126 17	N 32	9 19 54 W 103 57 44 67
	797 00	0.23	150 80	796 62	13.63	17 10	11.91	1.05	420476 35	656125 68	N 32	9 19 53 W 103 57 44 67
	892 00	0.55	103 58	891 62	13.12	17 37	11.38	0.45	420476 08	656126 21	N 32	9 19 52 W 103 57 44 67
	987 00	0.48	78 20	986 61	12.30	17 40	10.54	0.25	420476 05	656127 05	N 32	9 19 52 W 103 57 44 66
1082 00	0.78	2 89	1081 61	11 80	16 67	10 12	0.85	420476 78	656127 47	N 32	9 19 53 W 103 57 44 65	
1177 00	1.46	3 16	1176 59	11 51	14 82	10 02	0.72	420478 63	656127 57	N 32	9 19 55 W 103 57 44 65	
1272 00	1.85	7 42	1271 55	10 96	12 09	9 76	0.43	420481 36	656127 83	N 32	9 19 58 W 103 57 44 65	
1366 00	2.97	358 82	1365 45	10 29	7 31	-9 58	1.03	420486 14	656128 01	N 32	9 19 62 W 103 57 44 64	
1480 00	3.65	5 13	1479 29	9 51	1 89	9 36	0.82	420481 56	656128 23	N 32	9 19 68 W 103 57 44 64	
1575 00	4.08	6 78	1574 08	-8 18	4 47	-8 69	0.47	420497 92	656128 90	N 32	9 19 74 W 103 57 44 63	
1765 00	4.70	348 12	1763 53	7 35	18 83	-9 36	0.78	420512 28	656128 23	N 32	9 19 88 W 103 57 44 64	
1860 00	4.30	342 60	1858 23	8 39	26 05	11 16	0.68	420519 50	656126 43	N 32	9 19 95 W 103 57 44 66	
1931 00	4.01	341 36	1929 05	9 48	30 94	12 75	0.43	420524 39	656124 84	N 32	9 20 00 W 103 57 44 68	
2025 00	3.81	342 73	2022 83	10 80	37 04	14 73	0.23	420530 49	656122 86	N 32	9 20 06 W 103 57 44 70	
2120 00	3.71	340 06	2117 62	12 16	42 94	16 72	0.21	420536 39	656120 87	N 32	9 20 12 W 103 57 44 72	
2215 00	3.85	339 37	2212 42	13 71	48 82	18 89	0.15	420542 26	656118 70	N 32	9 20 18 W 103 57 44 75	
2310 00	4.30	337 13	2307 18	15 55	55 08	21 40	0.50	420548 53	656116 20	N 32	9 20 24 W 103 57 44 78	
2405 00	3.39	343 31	2401 96	17 11	61 06	23 59	1.05	420554 50	656114 00	N 32	9 20 30 W 103 57 44 80	
2500 00	2.96	13 26	2496 82	16 82	66 13	23 83	1.78	420559 58	656113 76	N 32	9 20 35 W 103 57 44 81	
2595 00	4.08	38 99	2591 65	13 62	71 15	21 14	2.01	420564 59	656116 45	N 32	9 20 40 W 103 57 44 78	
2689 00	5.03	47 07	2685 35	7 97	76 55	16 02	1.22	420570 00	656121 57	N 32	9 20 45 W 103 57 44 72	
2784 00	5.00	59 78	2779 99	-0 66	81 47	9 39	1.17	420574 92	656128 20	N 32	9 20 50 W 103 57 44 64	
2903 00	4.16	62 72	2898 61	7 89	86 06	1 08	0.73	420579 51	656136 51	N 32	9 20 55 W 103 57 44 54	
2973 00	3.54	57 06	2968 45	12 18	88 40	2 99	1.04	420581 85	656140 58	N 32	9 20 57 W 103 57 44 49	
3068 00	2.47	31 04	3063 32	16 02	91 75	6 51	1.80	420585 19	656144 10	N 32	9 20 60 W 103 57 44 45	
3163 00	2.28	6 38	3158 24	17 66	95 38	7 78	1.09	420588 83	656145 37	N 32	9 20 64 W 103 57 44 44	
3253 00	3.23	340 86	3253 14	17 46	99 79	7 11	1.61	420593 23	656144 70	N 32	9 20 68 W 103 57 44 45	
3353 00	4.28	334 22	3347 93	15 64	105 51	4 69	1.19	420598 95	656142 28	N 32	9 20 74 W 103 57 44 47	
3448 00	5.37	328 49	3442 59	12 53	112 49	0 82	1.25	420605 93	656138 41	N 32	9 20 81 W 103 57 44 52	
3543 00	6.67	331 51	3537 07	8 50	121 13	-4 13	1.41	420614 57	656133 46	N 32	9 20 89 W 103 57 44 58	
3638 00	7.27	333 02	3631 37	4 23	131 34	9 49	0.66	420624 78	656128 10	N 32	9 21 00 W 103 57 44 64	
3733 00	8.13	333 51	3725 51	0 28	142 71	15 21	0.91	420636 15	656122 38	N 32	9 21 11 W 103 57 44 70	
3828 00	9.19	335 19	3819 42	5 08	155 61	21 39	1.15	420649 04	656116 20	N 32	9 21 24 W 103 57 44 77	
4018 00	10.29	334 09	4006 68	15 77	184 64	35 18	0.59	420678 08	656102 42	N 32	9 21 52 W 103 57 44 83	
4113 00	10.15	333 25	4100 18	21 63	199 75	-42 65	0.22	420693 18	656094 94	N 32	9 21 67 W 103 57 45 02	
4207 00	10.95	333 12	4192 59	27 75	215 11	50 41	0.85	420708 54	656087 18	N 32	9 21 83 W 103 57 45 11	
4302 00	11.78	333 18	4285 72	-34 43	231 81	58 87	0.87	420725 24	656078 72	N 32	9 21 99 W 103 57 45 21	
4397 00	12.80	333 72	4378 54	-41 53	249 80	-87 90	1.08	420743 33	656069 69	N 32	9 22 17 W 103 57 45 31	
4492 00	13.59	334 39	4471 04	-48 93	269 40	-77 39	0.85	420762 83	656060 21	N 32	9 22 36 W 103 57 45 42	
4587 00	14.24	333 44	4563 25	-56 79	289 82	-87 44	0.73	420783 35	656050 16	N 32	9 22 57 W 103 57 45 54	
4682 00	13.95	333 19	4655 39	-64 97	310 59	-97 83	0.31	420804 02	656038 77	N 32	9 22 77 W 103 57 45 66	
4776 00	13.54	333 39	4746 69	72 88	330 54	107 87	0.44	420823 97	656028 73	N 32	9 22 97 W 103 57 45 77	
4871 00	14.06	333 23	4838 95	-80 90	350 79	118 04	0.55	420844 21	656019 55	N 32	9 23 17 W 103 57 45 89	
4966 00	14.16	333 75	4931 09	-89 02	371 51	128 38	0.17	420864 93	656009 22	N 32	9 23 38 W 103 57 46 01	
5061 00	14.49	333 38	5023 13	97 24	392 56	138 85	0.36	420885 98	655998 75	N 32	9 23 59 W 103 57 46 13	
5250 00	14.23	334 12	5206 23	113 49	434 60	159 58	0.17	420928 01	655978 02	N 32	9 24 00 W 103 57 46 37	
5441 00	13.78	333 10	5391 55	129 60	476 00	180 12	0.27	420969 42	655957 48	N 32	9 24 41 W 103 57 46 61	
5535 00	14.29	333 48	5482 74	137 67	496 37	190 38	0.55	420989 78	655947 24	N 32	9 24 61 W 103 57 46 73	
5630 00	13.67	332 83	5574 93	145 85	516 85	200 73	0.67	421010 26	655938 88	N 32	9 24 82 W 103 57 46 85	
5725 00	13.47	333 43	5667 28	153 80	536 73	210 80	0.26	421030 14	655928 81	N 32	9 25 01 W 103 57 46 96	
5915 00	13.89	336 11	5851 89	168 60	577 37	229 93	0.40	421070 78	655907 67	N 32	9 25 42 W 103 57 47 18	
6010 00	13.91	334 68	5944 11	175 89	598 12	239 44	0.36	421091 53	655898 17	N 32	9 25 62 W 103 57 47 29	
6105 00	13.90	335 44	6036 32	183 31	618 82	249 06	0.19	421112 22	655888 55	N 32	9 25 83 W 103 57 47 40	
6295 00	13.88	335 93	6220 73	197 71	660 53	267 91	0.08	421153 93	655869 70	N 32	9 26 24 W 103 57 47 62	
6390 00	13.97	336 92	6312 91	204 65	681 56	277 08	0.25	421174 96	655860 53	N 32	9 26 45 W 103 57 47 73	
6579 00	13.54	340 11	6496 50	216 68	723 35	293 56	0.46	421216 75	655844 06	N 32	9 26 86 W 103 57 47 92	
6674 00	13.94	342 03	6588 78	221 74	744 70	-300 87	0.64	421238 09	655836 74	N 32	9 27 08 W 103 57 48 00	
6769 00	13.31	343 68	6681 11	226 08	766 08	-307 47	0.78	421259 47	655830 14	N 32	9 27 29 W 103 57 48 08	
6960 00	12.15	343 37	6867 41	233 74	806 44	319 40	0.61	421289 82	655818 21	N 32	9 27 69 W 103 57 48 22	
7054 00	12.09	339 53	6959 31	238 04	825 14	325 68	0.86	421318 52	655811 94	N 32	9 27 87 W 103 57 48 29	
7149 00	9.71	327 35	7052 61	244 13	841 21	-333 48	3.47	421334 59	655804 14	N 32	9 28 03 W 103 57 48 38	
7244 00	7.24	322 91	7146 56	250 82	852 73	341 41	2.69	421346 11	655798 20	N 32	9 28 15 W 103 57 48 47	
7307 00	6.35	330 52	7209 12	254 26	858 93	345 52	2.01	421352 31	655792 09	N 32	9 28 21 W 103 57 48 52	
7339 00	6.17	338 96	7240 93	255 41	862 08	347 01	2.93	421355 46	655790 81	N 32	9 28 24 W 103 57 48 53	
7433 00	5.12	0.76	7334 48	256 23	870 99	348 77	2.52	421364 37	655788 85	N 32	9 28 33 W 103 57 48 55	
7528 00	4.68	18 49	7429 14	254 13	878 90	347 48	1.65	421372 28	655790 13	N 32	9 28 40 W 103 57 48 54	
7623 00	4.18	27 05	7523 86	250 64	885 66	344 68	0.87	421379 04	655792 94	N 32	9 28 47 W 103 57 48 51	
7718 00	4.74	29 71	7618 57	246 46	892 15	341 16	0.83	421385 53	655796 46	N 32	9 28 54 W 103 57 48 46	
7813 00	4.70	31 43	7713 25	241 81	898 88	337						

Comments

MD (ft)

Incl (°)

Azim GHD (°)

TVD (ft)

VSEC (ft)

NS (ft)

EW (ft)

DLS (ft/100m)

Northing (m)

Eastings (m)

Latitude (N/S)

Longitude (E/W)

6.65	78.12	217.66	912.83	314.36	421406.21	655823.25	N	32	9.28	77.44	W	103.55	48.05
6.93	79.66	205.66	912.83	314.36	421408.66	655835.03	N	32	9.28	77.44	W	103.55	48.05
7.12	81.16	191.00	912.83	314.36	421412.45	655849.40	N	32	9.28	77.44	W	103.55	48.05
7.32	82.68	178.00	912.83	314.36	421416.18	655863.66	N	32	9.28	77.44	W	103.55	48.05
7.53	84.18	168.00	912.83	314.36	421420.00	655878.00	N	32	9.28	77.44	W	103.55	48.05
7.74	85.68	158.00	912.83	314.36	421423.82	655892.42	N	32	9.28	77.44	W	103.55	48.05
7.95	87.18	148.00	912.83	314.36	421427.64	655906.86	N	32	9.28	77.44	W	103.55	48.05
8.16	88.68	138.00	912.83	314.36	421431.46	655921.30	N	32	9.28	77.44	W	103.55	48.05
8.37	90.18	128.00	912.83	314.36	421435.28	655935.74	N	32	9.28	77.44	W	103.55	48.05
8.58	91.68	118.00	912.83	314.36	421439.10	655950.18	N	32	9.28	77.44	W	103.55	48.05
8.79	93.18	108.00	912.83	314.36	421442.92	655964.62	N	32	9.28	77.44	W	103.55	48.05
9.00	94.68	98.00	912.83	314.36	421446.74	655979.06	N	32	9.28	77.44	W	103.55	48.05
9.21	96.18	88.00	912.83	314.36	421450.56	655993.50	N	32	9.28	77.44	W	103.55	48.05
9.42	97.68	78.00	912.83	314.36	421454.38	656007.94	N	32	9.28	77.44	W	103.55	48.05
9.63	99.18	68.00	912.83	314.36	421458.20	656022.38	N	32	9.28	77.44	W	103.55	48.05
9.84	100.68	58.00	912.83	314.36	421462.02	656036.82	N	32	9.28	77.44	W	103.55	48.05
10.05	102.18	48.00	912.83	314.36	421465.84	656051.26	N	32	9.28	77.44	W	103.55	48.05
10.26	103.68	38.00	912.83	314.36	421469.66	656065.70	N	32	9.28	77.44	W	103.55	48.05
10.47	105.18	28.00	912.83	314.36	421473.48	656080.14	N	32	9.28	77.44	W	103.55	48.05
10.68	106.68	18.00	912.83	314.36	421477.30	656094.58	N	32	9.28	77.44	W	103.55	48.05
10.89	108.18	8.00	912.83	314.36	421481.12	656109.02	N	32	9.28	77.44	W	103.55	48.05
11.10	109.68	0.00	912.83	314.36	421484.94	656123.46	N	32	9.28	77.44	W	103.55	48.05
11.31	111.18	0.00	912.83	314.36	421488.76	656137.90	N	32	9.28	77.44	W	103.55	48.05
11.52	112.68	0.00	912.83	314.36	421492.58	656152.34	N	32	9.28	77.44	W	103.55	48.05
11.73	114.18	0.00	912.83	314.36	421496.40	656166.78	N	32	9.28	77.44	W	103.55	48.05
11.94	115.68	0.00	912.83	314.36	421500.22	656181.22	N	32	9.28	77.44	W	103.55	48.05
12.15	117.18	0.00	912.83	314.36	421504.04	656195.66	N	32	9.28	77.44	W	103.55	48.05
12.36	118.68	0.00	912.83	314.36	421507.86	656210.10	N	32	9.28	77.44	W	103.55	48.05
12.57	120.18	0.00	912.83	314.36	421511.68	656224.54	N	32	9.28	77.44	W	103.55	48.05
12.78	121.68	0.00	912.83	314.36	421515.50	656238.98	N	32	9.28	77.44	W	103.55	48.05
12.99	123.18	0.00	912.83	314.36	421519.32	656253.42	N	32	9.28	77.44	W	103.55	48.05
13.20	124.68	0.00	912.83	314.36	421523.14	656267.86	N	32	9.28	77.44	W	103.55	48.05
13.41	126.18	0.00	912.83	314.36	421526.96	656282.30	N	32	9.28	77.44	W	103.55	48.05
13.62	127.68	0.00	912.83	314.36	421530.78	656296.74	N	32	9.28	77.44	W	103.55	48.05
13.83	129.18	0.00	912.83	314.36	421534.60	656311.18	N	32	9.28	77.44	W	103.55	48.05
14.04	130.68	0.00	912.83	314.36	421538.42	656325.62	N	32	9.28	77.44	W	103.55	48.05
14.25	132.18	0.00	912.83	314.36	421542.24	656340.06	N	32	9.28	77.44	W	103.55	48.05
14.46	133.68	0.00	912.83	314.36	421546.06	656354.50	N	32	9.28	77.44	W	103.55	48.05
14.67	135.18	0.00	912.83	314.36	421549.88	656368.94	N	32	9.28	77.44	W	103.55	48.05
14.88	136.68	0.00	912.83	314.36	421553.70	656383.38	N	32	9.28	77.44	W	103.55	48.05
15.09	138.18	0.00	912.83	314.36	421557.52	656397.82	N	32	9.28	77.44	W	103.55	48.05
15.30	139.68	0.00	912.83	314.36	421561.34	656412.26	N	32	9.28	77.44	W	103.55	48.05
15.51	141.18	0.00	912.83	314.36	421565.16	656426.70	N	32	9.28	77.44	W	103.55	48.05
15.72	142.68	0.00	912.83	314.36	421568.98	656441.14	N	32	9.28	77.44	W	103.55	48.05
15.93	144.18	0.00	912.83	314.36	421572.80	656455.58	N	32	9.28	77.44	W	103.55	48.05
16.14	145.68	0.00	912.83	314.36	421576.62	656470.02	N	32	9.28	77.44	W	103.55	48.05
16.35	147.18	0.00	912.83	314.36	421580.44	656484.46	N	32	9.28	77.44	W	103.55	48.05
16.56	148.68	0.00	912.83	314.36	421584.26	656498.90	N	32	9.28	77.44	W	103.55	48.05
16.77	150.18	0.00	912.83	314.36	421588.08	656513.34	N	32	9.28	77.44	W	103.55	48.05
16.98	151.68	0.00	912.83	314.36	421591.90	656527.78	N	32	9.28	77.44	W	103.55	48.05
17.19	153.18	0.00	912.83	314.36	421595.72	656542.22	N	32	9.28	77.44	W	103.55	48.05
17.40	154.68	0.00	912.83	314.36	421599.54	656556.66	N	32	9.28	77.44	W	103.55	48.05
17.61	156.18	0.00	912.83	314.36	421603.36	656571.10	N	32	9.28	77.44	W	103.55	48.05
17.82	157.68	0.00	912.83	314.36	421607.18	656585.54	N	32	9.28	77.44	W	103.55	48.05
18.03	159.18	0.00	912.83	314.36	421611.00	656600.00	N	32	9.28	77.44	W	103.55	48.05
18.24	160.68	0.00	912.83	314.36	421614.82	656614.44	N	32	9.28	77.44	W	103.55	48.05
18.45	162.18	0.00	912.83	314.36	421618.64	656628.88	N	32	9.28	77.44	W	103.55	48.05
18.66	163.68	0.00	912.83	314.36	421622.46	656643.32	N	32	9.28	77.44	W	103.55	48.05
18.87	165.18	0.00	912.83	314.36	421626.28	656657.76	N	32	9.28	77.44	W	103.55	48.05
19.08	166.68	0.00	912.83	314.36	421630.10	656672.20	N	32	9.28	77.44	W	103.55	48.05
19.29	168.18	0.00	912.83	314.36	421633.92	656686.64	N	32	9.28	77.44	W	103.55	48.05
19.50	169.68	0.00	912.83	314.36	421637.74	656701.08	N	32	9.28	77.44	W	103.55	48.05
19.71	171.18	0.00	912.83	314.36	421641.56	656715.52	N	32	9.28	77.44	W	103.55	48.05
19.92	172.68	0.00	912.83	314.36	421645.38	656730.00	N	32	9.28	77.44	W	103.55	48.05
20.13	174.18	0.00	912.83	314.36	421649.20	656744.44	N	32	9.28	77.44	W	103.55	48.05
20.34	175.68	0.00	912.83	314.36	421653.02	656758.90	N	32	9.28	77.44	W	103.55	48.05
20.55	177.18	0.00	912.83	314.36	421656.84	656773.34	N	32	9.28	77.44	W	103.55	48.05
20.76	178.68	0.00	912.83	314.36	421660.66	656787.80	N	32	9.28	77.44	W	103.55	48.05
20.97	180.18	0.00	912.83	314.36	421664.48	656802.24	N	32	9.28	77.44	W	103.55	48.05
21.18	181.68	0.00	912.83	314.36	421668.30	656816.70	N	32	9.28	77.44	W	103.55	48.05
21.39	183.18	0.00	912.83	314.36	421672.12	656831.14	N	32	9.28	77.44	W	103.55	48.05

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S)	Longitude (E/W)
	18487 00	88 45	88 35	9055 64	9596 12	1041 58	9539 52	1 50	421534 95	665676 37	N 32	9 29 68 W 103 55 53 52
	18582 00	88 66	88 68	9058 04	9690 79	1044 04	9634 46	0 41	421537 41	665771 30	N 32	9 29 68 W 103 55 52 42
	18677 00	89 21	89 00	9059 80	9785 44	1045 96	9729 42	0 67	421539 33	665866 25	N 32	9 29 70 W 103 55 51 32
	18772 00	88 76	88 50	9061 49	9880 10	1048 04	9824 38	0 71	421541 40	665961 21	N 32	9 29 72 W 103 55 50 21
Final MWD Survey	18867 00	89 00	88 43	9063 34	9974 80	1050 58	9919 33	0 26	421543 95	666056 15	N 32	9 29 74 W 103 55 49 11
Proj to Bit	18922 00	89 00	88 43	9064 30	10029 63	1052 09	9974 30	0 00	421545 45	666111 11	N 32	9 29 75 W 103 55 48 47

Survey Type Def Survey

Survey Error Model ISCWSA Rev 0 ** 3-D 95 000% Confidence 2 7955 sigma
Survey Program

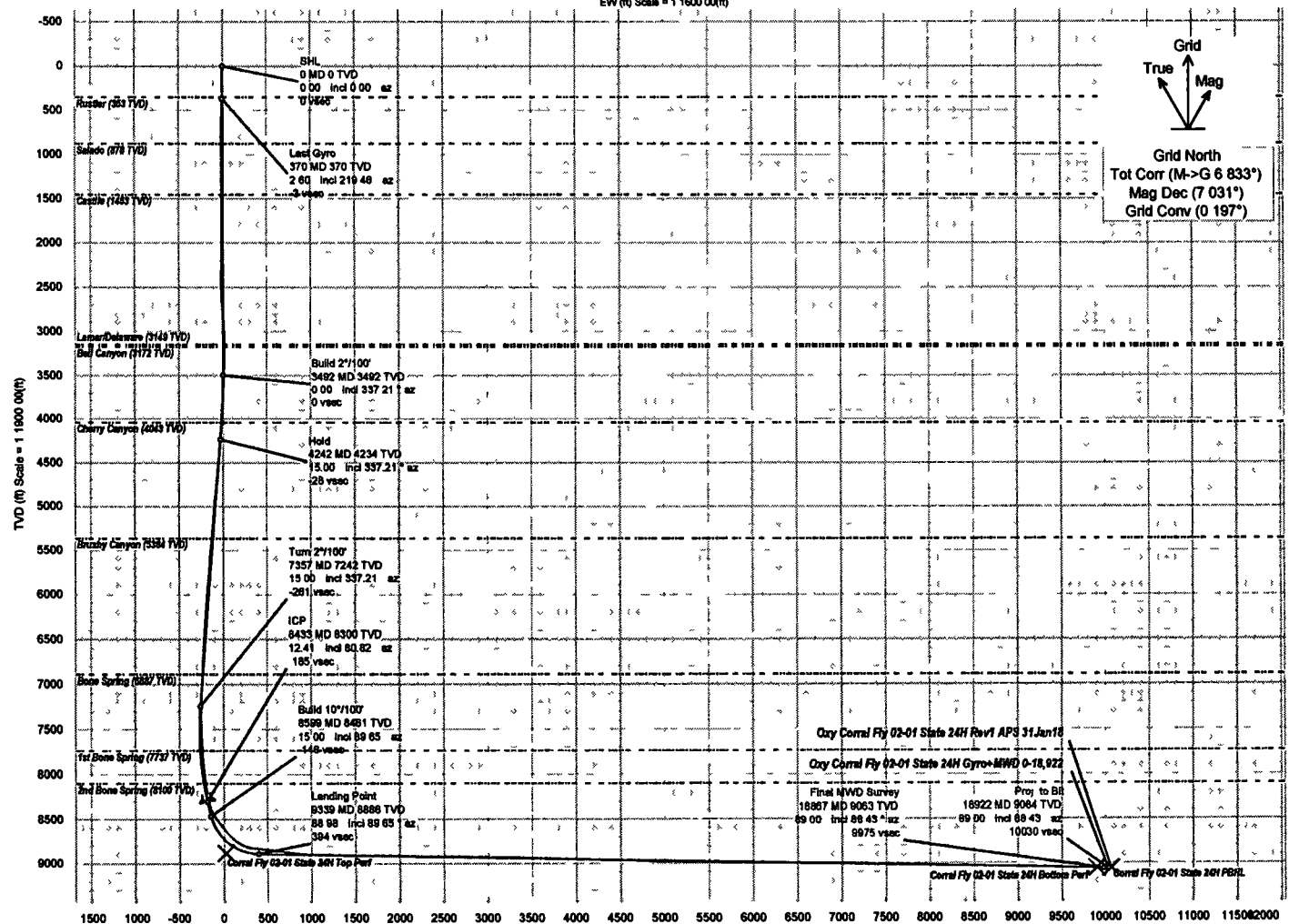
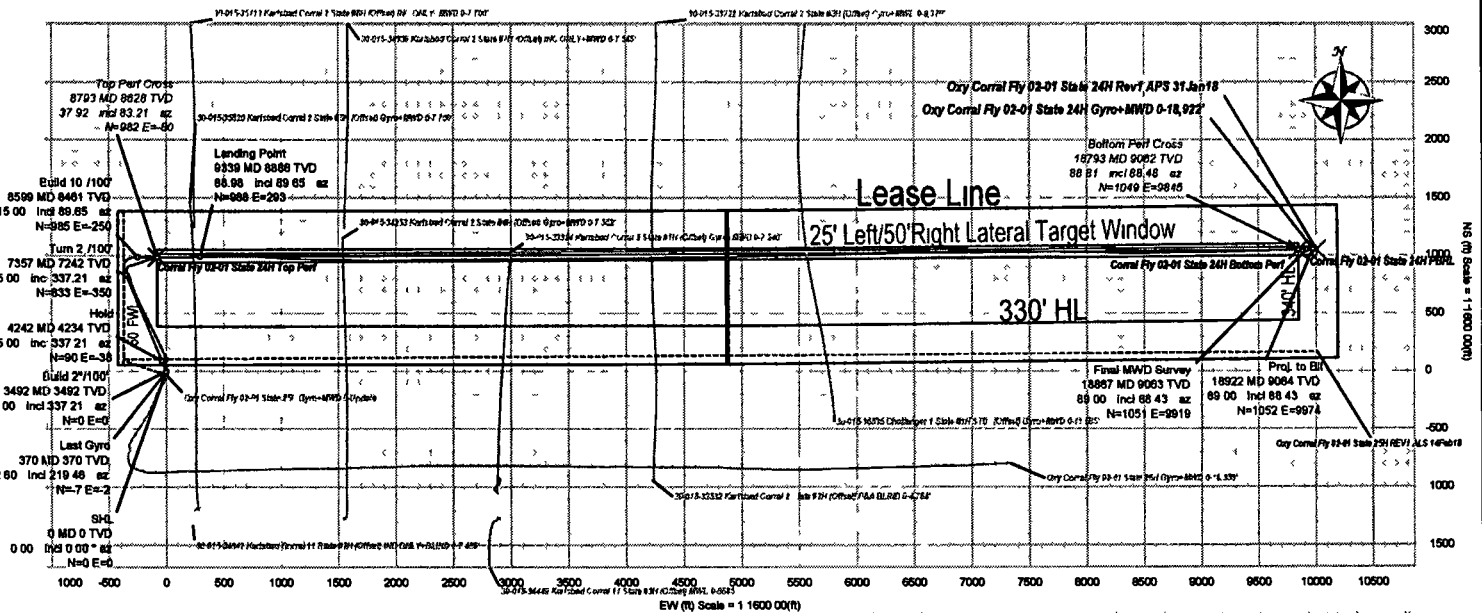
Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0 000	26 500	1/98 425	30 000	30 000	NAL_NSG+MSHOT Depth Only	Original Borehole / Oxy Corral Fly 02-01 State 24H Gyro+MWD 0- 18 922
	1	26 500	26 500	Act Stns	30 000	30 000	NAL_NSG+MSHOT Depth Only	Original Borehole / Oxy Corral Fly 02-01 State 24H Gyro+MWD 0- 18 922
	1	26 500	369 650	Act Stns	30 000	30 000	NAL_NSG+MSHOT	Original Borehole / Oxy Corral Fly 02-01 State 24H Gyro+MWD 0-
	1	369 650	9222 000	Act Stns	30 000	30 000	NAL_MWD_PLUS_0 5_DEG	Original Borehole / Oxy Corral Fly 02-01 State 24H Gyro+MWD 0-
	1	9222 000	18922 000	Act Stns	30 000	30 000	NAL_MWD_HDGM+MS	Original Borehole / Oxy Corral Fly 02-01 State 24H Gyro+MWD 0-

Schlumberger

OXY



Borehole		Well	Field	Structure	
Original Borehole		Oxy Corral Fly 02-01 State 24H	NM Eddy County (NAD 83)	Oxy Corral Fly 02-01 State 24H	
Gravity & Magnetic Parameters			Miscellaneous		
Model	HD08 2017	Dip	69.934°	Date	81-Jan-2018
MagDec	7.031	PS	49025.132nT	Gravity PS	998.450mm (9.80866 Based)
Surface Location			NAD83 New Mexico State Plane, Eastern Zone, US Feet		
Lat	N 33 9 18.70	Northing	420483.48RLUS	Grid Conv	0.1974°
Lon	W 103 67 44.83	Easting	628137.59RLUS	Scale Fact	0.99992418



Vertical Section (ft) Azim = 84.03 Scale = 1 1900 00(ft) Origin = ON-S 0E-W