

Schlumberger

OXY

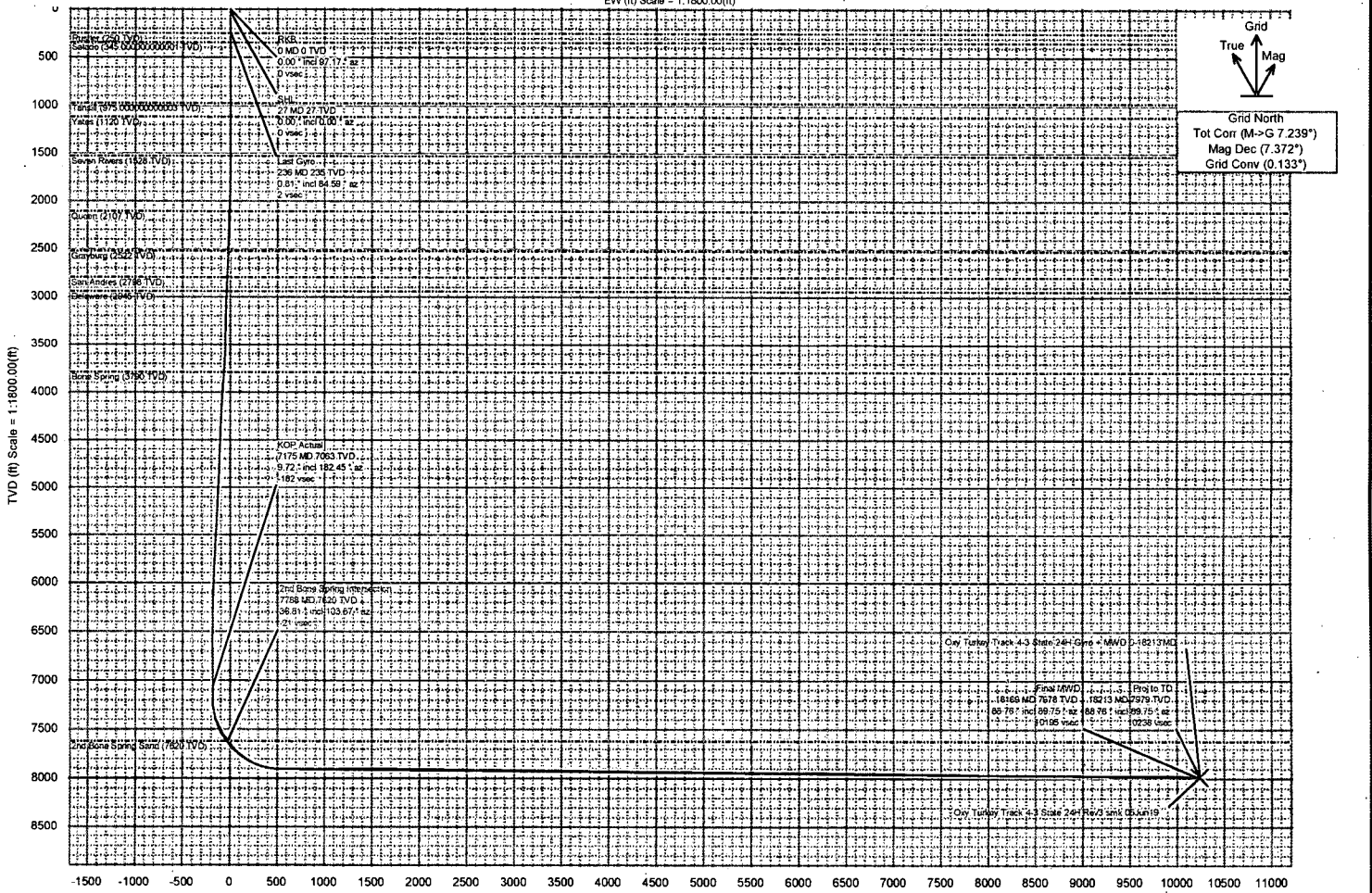
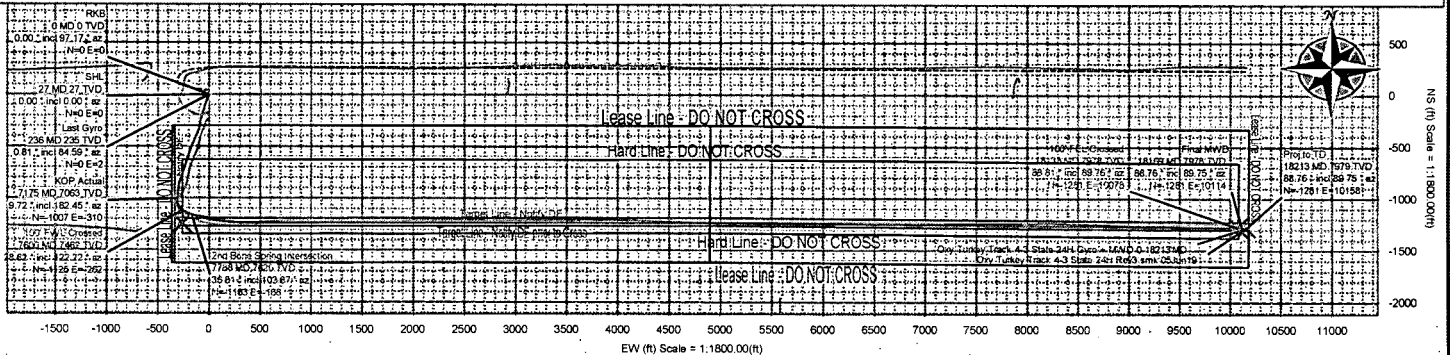


Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Turkey Track 4-3 State 24H	NM Eddy County (NAD 83)	Oxy Turkey Track 4-3 State 24H

Gravity & Magnetic Parameters	Surface Location	Miscellaneous
Model: IFR1 Dip: 60.821° Date: 31-May-2019	NAD83 New Mexico State Plane, Eastern Zone, US Feet	Oxy Turkey Track 4-3 State 24H
MagDec: 7.372° FS: 48019.6nT Gravity FS: 998.615mg (9.80665 Based)	Lat: N 32 41 13.29 Northing: 613758.56NUS Grid Conv: 0.1329°	Slot: Oxy Turkey Track 4-3 State 24H
	Lon: W 104 5 13.79 Easting: 617072.88NUS Scale Fact: 0.99991566	Plan: Oxy Turkey Track 4-3 State 24H Gyro + MWD 0-18213MD

Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)S(-)	E(+)W(-)	DLS
RKB	0.00	0.00	97.17	0.00	0.00	0.00	0.00	
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00
Last Gyro	235.50	0.81	84.59	235.49	2.00	0.20	2.04	0.52
KOP Actual	7175.00	9.72	182.45	7062.77	-181.77	-1006.84	-309.80	0.91
100' FWL Crossed	7600.00	28.62	122.22	7462.47	-119.22	-1125.06	-261.62	8.94
2nd Bone Spring Intersection	7787.75	36.81	103.87	7620.00	-21.12	-1163.05	-167.53	6.81
100' FEL Crossed	18133.00	88.81	89.76	7977.63	10158.86	-1281.36	10077.74	0.15
Final MWD	18169.00	88.76	89.75	7978.40	10194.56	-1281.20	10113.73	0.15
Proj to TD	18213.00	88.76	89.75	7979.35	10238.18	-1281.01	10157.72	0.00



Vertical Section (ft) Azim = 97.17° Scale = 1:1800.00(ft) Origin = 0N-S, 0E-W

Oxy Turkey Track 4-3 State 24H Gyro + MWD 0-18213'MD Survey Geodetic Report (Def Survey)



Report Date: June 10, 2019 - 11:38 AM
 Client: OXY
 Field: NM Eddy County (NAD 83)
 Structure / Slot: Oxy Turkey Track 4-3 State 24H / Oxy Turkey Track 4-3 State 24H
 Well: Oxy Turkey Track 4-3 State 24H
 Borehole: Original Borehole
 UWI / API#: Unknown / 30-015-44518
 Survey Name: Oxy Turkey Track 4-3 State 24H Gyro + MWD 0-18213'MD
 Survey Date: May 24, 2019
 Tort / AHD / DDI / ERD Ratio: 197.719' / 11638.498 ft / 6.720 / 1.459
 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 41' 13.28797" W 104° 5' 13.78793"
 Location Grid N/E Y/X: N 613758.550 RUS, E 617072.880 RUS
 CRS Grid Convergence Angle: 0.1329°
 Grid Scale Factor: 0.99991566
 Version / Patch: 2.10.760.0

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 97.167° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB=26.5'
 TVD Reference Elevation: 3431.300 ft above MSL
 Seabed / Ground Elevation: 3404.800 ft above MSL
 Magnetic Declination: 7.372°
 Total Gravity Field Strength: 998.5147mgn (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 48019.600 nT
 Magnetic Dip Angle: 60.521°
 Declination Date: May 31, 2019
 Magnetic Declination Model: IFR1
 North Reference: Grid North
 Grid Convergence Used: 0.1329°
 Total Corr Mag North->Grid North: 7.2391°
 Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azin 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	97.17	0.00	0.00	0.00	0.00	N/A	613758.55	617072.88	N 32 41 13.29 W 104 5 13.79	5 13.79
SHL	26.50	0.00		26.50	0.00	0.00	0.00	0.00	613758.55	617072.88	N 32 41 13.29 W 104 5 13.79	5 13.79
	70.50	0.71	53.36	70.50	0.20	0.16	0.22	1.61	613758.71	617073.10	N 32 41 13.29 W 104 5 13.79	5 13.79
	120.50	0.72	91.82	120.50	0.73	0.34	0.78	0.94	613758.89	617073.66	N 32 41 13.29 W 104 5 13.78	5 13.78
	170.50	0.52	119.55	170.49	1.26	0.22	1.29	0.71	613758.77	617074.17	N 32 41 13.29 W 104 5 13.77	5 13.77
	220.50	0.80	79.03	220.49	1.80	0.17	1.83	1.05	613758.72	617074.71	N 32 41 13.29 W 104 5 13.77	5 13.77
	235.50	0.81	84.59	235.49	2.00	0.20	2.04	0.52	613758.75	617074.92	N 32 41 13.29 W 104 5 13.76	5 13.76
	331.00	0.27	120.41	330.98	2.87	0.15	2.91	0.64	613758.70	617075.79	N 32 41 13.29 W 104 5 13.75	5 13.75
	424.00	0.10	34.33	423.98	3.10	0.11	3.14	0.30	613758.66	617076.02	N 32 41 13.29 W 104 5 13.75	5 13.75
	517.00	0.05	128.28	516.98	3.18	0.15	3.22	0.12	613758.70	617076.10	N 32 41 13.29 W 104 5 13.75	5 13.75
	610.00	0.05	7.40	609.98	3.21	0.16	3.26	0.09	613758.71	617076.14	N 32 41 13.29 W 104 5 13.75	5 13.75
	707.00	0.10	125.77	706.98	3.29	0.16	3.33	0.14	613758.71	617076.21	N 32 41 13.29 W 104 5 13.75	5 13.75
	801.00	0.10	58.12	800.98	3.42	0.15	3.47	0.12	613758.70	617076.35	N 32 41 13.29 W 104 5 13.75	5 13.75
	895.00	0.10	145.02	894.98	3.54	0.13	3.58	0.15	613758.68	617076.46	N 32 41 13.29 W 104 5 13.75	5 13.75
	990.00	0.13	269.14	989.98	3.49	0.06	3.52	0.21	613758.61	617076.40	N 32 41 13.29 W 104 5 13.75	5 13.75
	1087.00	0.10	268.59	1086.98	3.30	0.05	3.33	0.03	613758.60	617076.21	N 32 41 13.29 W 104 5 13.75	5 13.75
	1181.00	0.13	291.03	1180.98	3.11	0.08	3.15	0.06	613758.63	617076.03	N 32 41 13.29 W 104 5 13.75	5 13.75
	1275.00	0.10	203.37	1274.98	2.99	0.05	3.02	0.17	613758.60	617075.90	N 32 41 13.29 W 104 5 13.75	5 13.75
	1369.00	0.10	52.23	1368.98	3.02	0.02	3.05	0.21	613758.57	617075.93	N 32 41 13.29 W 104 5 13.75	5 13.75
	1463.00	0.10	331.66	1462.98	3.03	0.14	3.07	0.14	613758.69	617075.95	N 32 41 13.29 W 104 5 13.75	5 13.75
	1564.00	0.05	114.44	1563.98	3.02	0.20	3.07	0.14	613758.75	617075.95	N 32 41 13.29 W 104 5 13.75	5 13.75
	1658.00	1.16	208.89	1657.98	2.71	-0.65	2.65	1.24	613757.90	617075.53	N 32 41 13.28 W 104 5 13.76	5 13.76
	1752.00	2.17	206.52	1751.93	1.77	-3.07	1.40	1.08	613755.48	617074.28	N 32 41 13.26 W 104 5 13.77	5 13.77
	1846.00	3.14	209.09	1845.83	0.22	-6.91	-0.65	1.04	613751.64	617072.23	N 32 41 13.22 W 104 5 13.80	5 13.80
	1941.00	4.33	208.97	1940.63	-2.09	-12.33	-3.65	1.25	613746.23	617069.23	N 32 41 13.17 W 104 5 13.83	5 13.83
	2129.00	6.12	206.71	2127.84	-8.08	-27.49	-11.60	0.96	613731.06	617061.29	N 32 41 13.02 W 104 5 13.92	5 13.92
	2224.00	6.67	203.81	2222.25	-11.35	-37.06	-16.10	0.67	613721.49	617056.78	N 32 41 12.92 W 104 5 13.98	5 13.98
	2318.00	7.59	201.99	2315.52	-14.50	-47.81	-20.63	1.01	613710.74	617052.25	N 32 41 12.82 W 104 5 14.03	5 14.03
	2507.00	9.63	199.16	2502.38	-20.98	-74.32	-30.49	1.10	613684.24	617042.39	N 32 41 12.55 W 104 5 14.15	5 14.15
	2696.00	11.91	197.00	2688.04	-27.60	-107.91	-41.38	1.22	613650.65	617031.50	N 32 41 12.22 W 104 5 14.28	5 14.28
	2885.00	13.74	197.19	2872.32	-34.83	-148.00	-53.72	0.97	613610.56	617019.17	N 32 41 11.82 W 104 5 14.42	5 14.42
	2923.00	14.06	197.13	2909.21	-36.42	-156.73	-56.41	0.84	613601.84	617016.47	N 32 41 11.74 W 104 5 14.45	5 14.45
	3091.00	15.04	197.21	3071.82	-43.75	-197.05	-68.87	0.58	613561.52	617004.01	N 32 41 11.34 W 104 5 14.60	5 14.60
	3185.00	14.47	196.83	3162.72	-47.85	-219.94	-75.88	0.62	613538.63	616997.00	N 32 41 11.11 W 104 5 14.68	5 14.68
	3279.00	13.42	191.18	3253.95	-50.58	-241.88	-81.40	1.83	613516.69	616991.49	N 32 41 10.90 W 104 5 14.75	5 14.75
	3373.00	13.43	192.12	3345.38	-52.29	-263.26	-85.80	0.23	613495.31	616987.08	N 32 41 10.69 W 104 5 14.80	5 14.80
	3468.00	13.41	189.35	3437.79	-53.66	-284.92	-89.91	0.68	613473.66	616982.98	N 32 41 10.47 W 104 5 14.85	5 14.85
	3562.00	13.74	190.22	3529.16	-54.67	-306.66	-93.66	0.41	613451.92	616979.23	N 32 41 10.26 W 104 5 14.89	5 14.89
	3656.00	13.96	197.31	3620.43	-57.26	-328.47	-99.02	1.82	613430.11	616973.87	N 32 41 10.04 W 104 5 14.96	5 14.96
	3750.00	14.05	201.03	3711.64	-61.99	-349.94	-106.49	0.96	613408.64	616966.40	N 32 41 9.83 W 104 5 15.04	5 15.04
	3845.00	14.19	203.39	3803.77	-68.01	-371.40	-115.25	0.62	613387.19	616957.64	N 32 41 9.62 W 104 5 15.15	5 15.15
	3939.00	13.39	204.74	3895.06	-74.52	-391.86	-124.38	0.92	613366.73	616948.52	N 32 41 9.41 W 104 5 15.25	5 15.25
	4034.00	12.54	204.41	3987.64	-80.89	-411.24	-133.24	0.90	613347.35	616939.65	N 32 41 9.22 W 104 5 15.36	5 15.36
	4128.00	11.65	202.89	4079.55	-86.49	-429.27	-141.15	1.01	613329.31	616931.74	N 32 41 9.04 W 104 5 15.45	5 15.45
	4224.00	10.75	203.75	4173.72	-91.67	-446.40	-148.53	0.95	613312.19	616924.37	N 32 41 8.87 W 104 5 15.54	5 15.54
	4318.00	9.92	203.82	4266.20	-96.50	-461.83	-155.33	0.88	613296.76	616917.57	N 32 41 8.72 W 104 5 15.62	5 15.62
	4413.00	8.84	204.62	4359.93	-101.03	-475.95	-161.67	1.15	613282.64	616911.22	N 32 41 8.58 W 104 5 15.69	5 15.69
	4507.00	8.69	203.75	4452.83	-105.22	-489.02	-167.54	0.21	613269.57	616905.35	N 32 41 8.45 W 104 5 15.76	5 15.76
	4602.00	8.27	203.63	4546.79	-109.21	-501.85	-173.17	0.44	613256.75	616899.72	N 32 41 8.33 W 104 5 15.83	5 15.83
	4696.00	8.34	201.19	4639.80	-112.78	-514.40	-178.34	0.38	613244.20	616894.55	N 32 41 8.20 W 104 5 15.89	5 15.89
	4790.00	10.74	194.92	4732.50	-115.61	-529.22	-183.06	2.78	613229.38	616889.83	N 32 41 8.06 W 104 5 15.94	5 15.94
	4884.00	13.20	195.88	4824.45	-118.42	-546.01	-188.26	2.63	613210.59	616884.64	N 32 41 7.87 W 104 5 16.01	5 16.01
	4979.00	13.22	200.27	4916.94	-122.52	-568.63	-194.99	1.06	613189.97	616877.91	N 32 41 7.67 W 104 5 16.08	5 16.08
	5073.00	13.29	197.71	5008.43	-126.94	-589.01	-202.00	0.63	613169.59	616870.90	N 32 41 7.46 W 104 5 16.17	5 16.17
	5168.00	13.54	198.55	5100.84	-131.13	-609.95	-208.86	0.33	613148.65	616864.04	N 32 41 7.26 W 104 5 16.25	5 16.25
	5262.00	14.23	198.24	5192.09	-135.52	-631.36	-215.98	0.74	613127.25	616856.92	N 32 41 7.05 W 104 5 16.33	5 16.33
	5357.00	14.49	199.07	5284.13	-140.21	-653.68	-223.51	0.35	613104.93	616849.39	N 32 41 6.83 W 104 5 16.42	5 16.42
	5451.00	14.65	199.54	5375.10	-145.19	-676.00	-231.33	0.21	613082.61	616841.57	N 32 41 6.60 W 104 5 16.51	5 16.51
	5546.00	14.45	199.34	5466.03	-150.53	-720.53	-247.05	0.11	613060.88	616832.85	N 32 41 6.36 W 104 5 16.70	5 16.70
	5639.00	14.62	199.70	5557.07	-155.23	-743.01	-255.02	0.20	613038.61	616825.85	N 32 41 6.14 W 104 5 16.79	5 16.79
	5734.00	14.39	199.22	5648.03	-160.33	-765.20	-262.86	0.28	613015.61	616817.88	N 32 41 5.92 W 104 5 16.88	5 16.88
	5828.00	14.00	198.84	5739.04	-165.34	-787.35	-270.08	0.74	612993.41	616810.04	N 32 41 5.72 W 104 5 16.97	5 16.97
	5923.00	14.07	196.38	5830.14	-169.74	-815.50	-283.25	0.07	612971.27	616802.83	N 32 41 5.50 W 104 5 17.12	5 17.12
	6027.00	13.26	195.42	5921.80	-180.67	-852.86	-289.34	0.89	612949.12	616794.66	N 32 41 5.27 W 104 5 17.20	5 17.20
	6132.00	11.84	194.56	6013.53	-183.49	-872.80	-294.68	1.51	612926.96	616786.51	N 32 41 5.05 W 104 5 17.28	5 17.28
	6237.00	10.64	191.89	6105.23	-185.45	-890.62	-298.90	1.39	612904.76	616778.36	N 32 41 4.83 W 104 5 17.36	5 17.36
	6342.00	9.83	190.96	6196.93	-186.69	-906.99	-302.21	0.88	612882.61	616770.21	N 32 41 4.61 W 104 5 17.44	5 17.44
	6447.00	9.01	188.65	6277.96	-187.41	-922.15	-304.84	0.96	612860.46	616762.06	N 32 41 4.39 W 104 5 17.52	5 17.52
	6552.00	8.17	189.74	6371.90	-187.91	-936.15	-307.10	0.90	612838.31	616753.91	N 32 41 4.17 W 104 5 17.60	5 17.60
	6657.00	7.82	183.51	6464.99	-187.80	-949.12	-308.63	0.99	612816.16	616745.76	N 32 41 3.95 W 104 5 17.68	5 17.6

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (RUS)	Easting (RUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
100' FWL Crossed	7600.00	28.62	122.22	7462.47	-119.22	-1125.06	-261.62	8.94	612633.59	616811.28	N 32 41	2.16 W 104 5 16.88
	7629.00	30.19	118.02	7487.74	-106.11	-1132.19	-249.31	8.94	612626.46	616823.59	N 32 41	2.09 W 104 5 16.74
	7723.00	34.23	109.75	7567.29	-58.17	-1152.25	-203.52	6.35	612606.40	616869.38	N 32 41	1.89 W 104 5 16.20
2nd Bone Spring Intersection	7787.75	36.81	103.87	7620.00	-21.12	-1163.05	-167.53	6.61	612595.60	616905.36	N 32 41	1.78 W 104 5 15.78
	7818.00	38.11	101.37	7644.02	-2.80	-1167.07	-149.58	6.61	612591.58	616923.32	N 32 41	1.74 W 104 5 15.57
	7912.00	47.38	98.85	7712.98	60.84	-1178.13	-86.82	10.03	612580.52	616986.06	N 32 41	1.63 W 104 5 14.84
	8006.00	54.20	99.66	7772.37	133.58	-1189.86	-14.99	7.29	612568.79	617057.90	N 32 41	1.52 W 104 5 14.00
	8101.00	60.57	99.93	7823.54	213.47	-1203.48	63.83	6.71	612555.18	617136.70	N 32 41	1.38 W 104 5 13.07
	8195.00	69.88	99.52	7863.04	298.58	-1217.86	147.79	9.70	612540.80	617220.66	N 32 41	1.23 W 104 5 12.09
	8289.00	78.31	96.58	7888.94	388.83	-1230.45	237.17	9.66	612528.21	617310.03	N 32 41	1.11 W 104 5 11.05
	8383.00	86.13	90.90	7901.67	481.68	-1236.47	330.00	10.25	612522.19	617402.85	N 32 41	1.05 W 104 5 9.96
	8453.00	89.22	87.63	7904.51	550.94	-1235.57	399.92	6.42	612523.08	617472.76	N 32 41	1.05 W 104 5 9.14
	8570.00	90.44	87.48	7904.85	666.30	-1230.58	516.81	1.05	612528.08	617589.64	N 32 41	1.10 W 104 5 7.77
	8664.00	89.55	87.75	7904.86	758.99	-1226.67	610.72	0.99	612531.99	617683.55	N 32 41	1.14 W 104 5 6.68
	8853.00	90.20	89.29	7905.27	945.84	-1221.79	799.65	0.88	612536.87	617872.47	N 32 41	1.18 W 104 5 4.47
	9042.00	90.27	90.26	7904.50	1133.26	-1221.05	988.65	0.51	612537.61	618061.44	N 32 41	1.18 W 104 5 2.25
	9144.00	90.10	89.68	7904.17	1234.46	-1220.99	1090.65	0.59	612537.66	618163.43	N 32 41	1.18 W 104 5 1.06
	9332.00	90.58	90.15	7903.61	1327.70	-1220.85	1184.65	0.71	612537.80	618257.42	N 32 41	1.18 W 104 4 59.96
	9411.00	90.41	89.86	7902.80	1420.97	-1220.86	1278.64	0.36	612537.79	618351.41	N 32 41	1.18 W 104 4 58.86
	9520.00	89.96	90.17	7902.19	1607.50	-1220.91	1466.64	0.29	612537.75	618539.39	N 32 41	1.17 W 104 4 56.66
	9649.00	88.58	89.25	7903.84	1735.40	-1220.26	1595.62	1.29	612538.40	618668.37	N 32 41	1.18 W 104 4 55.15
	9708.00	89.13	90.28	7905.02	1793.89	-1220.02	1654.61	1.98	612538.64	618727.35	N 32 41	1.18 W 104 4 54.46
	9802.00	90.27	90.45	7905.51	1887.23	-1220.61	1748.61	1.23	612538.04	618821.33	N 32 41	1.17 W 104 4 53.36
	9896.00	89.31	89.40	7905.85	1980.48	-1220.49	1842.60	1.51	612538.16	618915.32	N 32 41	1.17 W 104 4 52.26
	10095.00	89.07	89.57	7908.67	2177.67	-1218.70	2041.57	0.15	612539.95	619114.28	N 32 41	1.18 W 104 4 49.93
	10283.00	89.31	89.35	7911.32	2363.95	-1216.93	2228.55	0.17	612541.72	619302.23	N 32 41	1.20 W 104 4 47.74
	10473.00	89.31	89.93	7913.61	2552.30	-1215.74	2419.53	0.31	612542.92	619492.20	N 32 41	1.20 W 104 4 45.51
	10662.00	89.51	89.71	7915.56	2739.74	-1215.14	2608.52	0.16	612543.51	619681.17	N 32 41	1.20 W 104 4 43.30
	10757.00	89.75	89.96	7916.17	2833.96	-1214.87	2703.52	0.36	612543.78	619776.16	N 32 41	1.20 W 104 4 42.19
	10851.00	89.55	89.67	7916.74	2927.19	-1214.57	2797.51	0.37	612544.09	619870.15	N 32 41	1.21 W 104 4 41.09
	10946.00	89.41	89.88	7917.61	3021.39	-1214.19	2892.51	0.27	612544.46	619965.14	N 32 41	1.21 W 104 4 39.98
	11040.00	89.34	89.69	7918.63	3114.61	-1213.84	2986.50	0.22	612544.81	620059.12	N 32 41	1.21 W 104 4 38.88
	11134.00	89.82	89.76	7919.32	3207.81	-1213.39	3080.50	0.52	612545.26	620153.11	N 32 41	1.21 W 104 4 37.78
	11229.00	89.51	89.68	7919.88	3302.01	-1212.93	3175.49	0.34	612545.73	620248.10	N 32 41	1.21 W 104 4 36.67
	11323.00	88.89	89.62	7921.19	3395.19	-1212.35	3269.48	0.66	612546.30	620342.08	N 32 41	1.22 W 104 4 35.57
	11418.00	89.51	89.80	7922.52	3489.38	-1211.87	3364.47	0.68	612546.78	620437.06	N 32 41	1.22 W 104 4 34.46
	11512.00	89.03	89.63	7923.71	3582.58	-1211.40	3458.46	0.54	612547.25	620531.04	N 32 41	1.22 W 104 4 33.36
	11606.00	89.72	89.83	7924.74	3675.78	-1210.96	3552.46	0.76	612547.69	620625.03	N 32 41	1.22 W 104 4 32.26
	11701.00	89.55	89.32	7925.34	3769.95	-1210.26	3647.45	0.57	612548.40	620720.02	N 32 41	1.23 W 104 4 31.15
	11795.00	89.62	89.88	7926.02	3863.12	-1209.60	3741.45	0.60	612549.06	620814.00	N 32 41	1.23 W 104 4 30.05
	11889.00	89.51	89.91	7926.74	3956.37	-1209.43	3835.44	0.12	612549.23	620907.99	N 32 41	1.23 W 104 4 28.95
	11984.00	89.79	89.80	7927.32	4050.59	-1209.19	3930.44	0.32	612549.47	621002.98	N 32 41	1.23 W 104 4 27.84
	12078.00	89.48	90.57	7927.92	4143.89	-1209.49	4024.44	0.88	612549.16	621096.97	N 32 41	1.23 W 104 4 26.74
	12173.00	89.36	92.06	7928.86	4238.39	-1211.67	4119.41	1.57	612549.98	621191.93	N 32 41	1.20 W 104 4 25.62
	12267.00	89.27	92.00	7929.97	4332.00	-1215.00	4213.34	0.13	612543.66	621285.86	N 32 41	1.17 W 104 4 24.53
	12457.00	89.65	92.03	7931.76	4521.23	-1221.66	4403.21	0.20	612536.98	621475.71	N 32 41	1.10 W 104 4 22.30
	12551.00	89.62	91.88	7932.36	4614.84	-1224.89	4497.16	0.16	612533.77	621569.65	N 32 41	1.06 W 104 4 21.21
	12646.00	89.55	92.03	7933.05	4709.44	-1228.13	4592.10	0.17	612530.53	621664.58	N 32 41	1.03 W 104 4 20.09
	12740.00	89.55	91.87	7933.79	4803.05	-1231.33	4686.04	0.17	612527.33	621758.52	N 32 41	0.99 W 104 4 19.00
	12835.00	89.62	91.97	7934.47	4897.65	-1234.51	4780.99	0.13	612524.15	621853.45	N 32 41	0.96 W 104 4 17.88
	12929.00	89.65	91.90	7935.07	4991.26	-1237.68	4874.93	0.08	612520.97	621947.39	N 32 41	0.93 W 104 4 16.79
	13023.00	89.58	91.60	7935.70	5084.83	-1240.55	4968.88	0.33	612518.10	622041.34	N 32 41	0.90 W 104 4 15.69
	13118.00	89.68	91.87	7936.32	5179.41	-1243.43	5063.84	0.30	612515.23	622136.28	N 32 41	0.86 W 104 4 14.58
	13212.00	89.48	91.56	7937.01	5272.98	-1246.24	5157.79	0.39	612512.41	622230.23	N 32 41	0.83 W 104 4 13.48
	13307.00	89.48	91.76	7937.87	5367.53	-1248.99	5252.75	0.21	612509.66	622325.18	N 32 41	0.81 W 104 4 12.37
	13496.00	89.79	89.60	7938.07	5555.31	-1251.24	5441.72	1.15	612507.42	622514.13	N 32 41	0.78 W 104 4 10.15
	13590.00	89.55	89.65	7939.61	5648.49	-1250.62	5535.72	0.26	612508.04	622608.12	N 32 41	0.78 W 104 4 9.05
	13685.00	89.41	89.79	7940.48	5742.69	-1250.16	5630.71	-0.21	612508.50	622703.11	N 32 41	0.78 W 104 4 7.94
	13779.00	89.75	89.32	7941.17	5835.86	-1249.43	5724.71	0.62	612509.23	622797.09	N 32 41	0.79 W 104 4 6.84
	13868.00	89.79	89.57	7941.92	6023.14	-1247.60	5913.70	0.13	612511.06	622896.07	N 32 41	0.80 W 104 4 4.63
	14157.00	89.68	89.73	7942.80	6210.52	-1246.44	6102.69	0.10	612512.22	623175.04	N 32 41	0.81 W 104 4 2.42
	14345.00	89.31	89.92	7944.46	6396.97	-1245.87	6290.68	0.22	612512.79	623363.02	N 32 41	0.81 W 104 4 0.22
	14534.00	89.27	89.64	7946.80	6584.38	-1245.14	6479.67	0.15	612513.51	623551.99	N 32 41	0.81 W 104 4 38.01
	14628.00	89.44	89.74	7947.86	6677.58	-1244.63	6573.66	0.21	612514.02	623645.97	N 32 41	0.82 W 104 4 36.91
	14723.00	89.31	89.76	7948.89	6771.78	-1244.22	6668.65	0.14	612514.44	623740.96	N 32 41	0.82 W 104 4 35.80
	14912.00	89.44	89.63	7950.95	6959.16	-1243.21	6857.64	0.10	612515.44	623929.93	N 32 41	0.82 W 104 4 33.59
	15101.00	89.48	89.81	7952.73	7146.56	-1242.29	7046.63	0.10	612516.37	624118.90	N 32 41	0.83 W 104 4 31.38
	15195.00	89.24	89.94	7953.78	7239.79	-1242.08	7140.62	0.29	612516.57	624212.88	N 32 41	0.83 W 104 4 30.28
	15289.00	89.38	90.05	7954.92	7333.05	-1242.08	7234.61	0.19	612516.58	624306.87	N 32 41	0.82 W 104 4 29.18
	15478.00	89.31	89.81	7957.08	7520.53	-1241.85	7423.60	0.13	612516.81	624495.84	N 32 41	0.82 W 104 4 28.07
	15667.00	89.20	89.77	7959.53	7707.95	-1241.15	7612.58	0.06	612517.50	624684.81	N 32 41	0.82 W 104 4 26.96
	15856.00	89.48	89.51	7961.71	7895.31	-1239.97	7801.57	0.20	612518.69	624873.77	N 32 41	0.83 W 104 4 24.54
	16044.00	89.07	89.44	7964.09	8081.61	-1238.24	7999.54	0.22	612520.41	625061.73	N 32 41	0.84 W 104 4 23.43
	16234.00	89.72	89.67	7966.10	8269.92	-1236.77	8179.53	0.36	612521.89	625251.70	N 32 41	0.85 W 104 4 22.32
	16423.00	89.38	90.92	7968.84	8363.24	-1237.25	8273.52	1.38	612521.41	625345.69	N 32 41	0.85 W 104 4 21.21
	16617.00	89.75	91.93	7967.86	8457.76	-1239.61	8368.48	1.06	612519.04	625440.64	N 32 41	0.82 W 104 4 20.10
	16811.00											

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 ° ' '')
		1	0.000	26.500	1/98.425	30.000	30.000	NAL_NSG+MSHOT-Depth Only		Original Borehole / Oxy Turkey Track 4-3 State 24H Gyro + MWD 0-18213'MD		
		1	26.500	26.500	Act Stns	30.000	30.000	NAL_NSG+MSHOT-Depth Only		Original Borehole / Oxy Turkey Track 4-3 State 24H Gyro + MWD 0-18213'MD		
		1	26.500	235.500	Act Stns	30.000	30.000	NAL_NSG+MSHOT		Original Borehole / Oxy Turkey Track 4-3 State 24H Gyro + MWD		
		1	235.500	18213.000	Act Stns	30.000	30.000	NAL_MWD_IFR1+MS		Original Borehole / Oxy Turkey Track 4-3 State 24H Gyro + MWD		

...Original Borehole\Oxy Turkey Track 4-3 State 24H Gyro + MWD 0-18213'MD