

Schlumberger

OXY

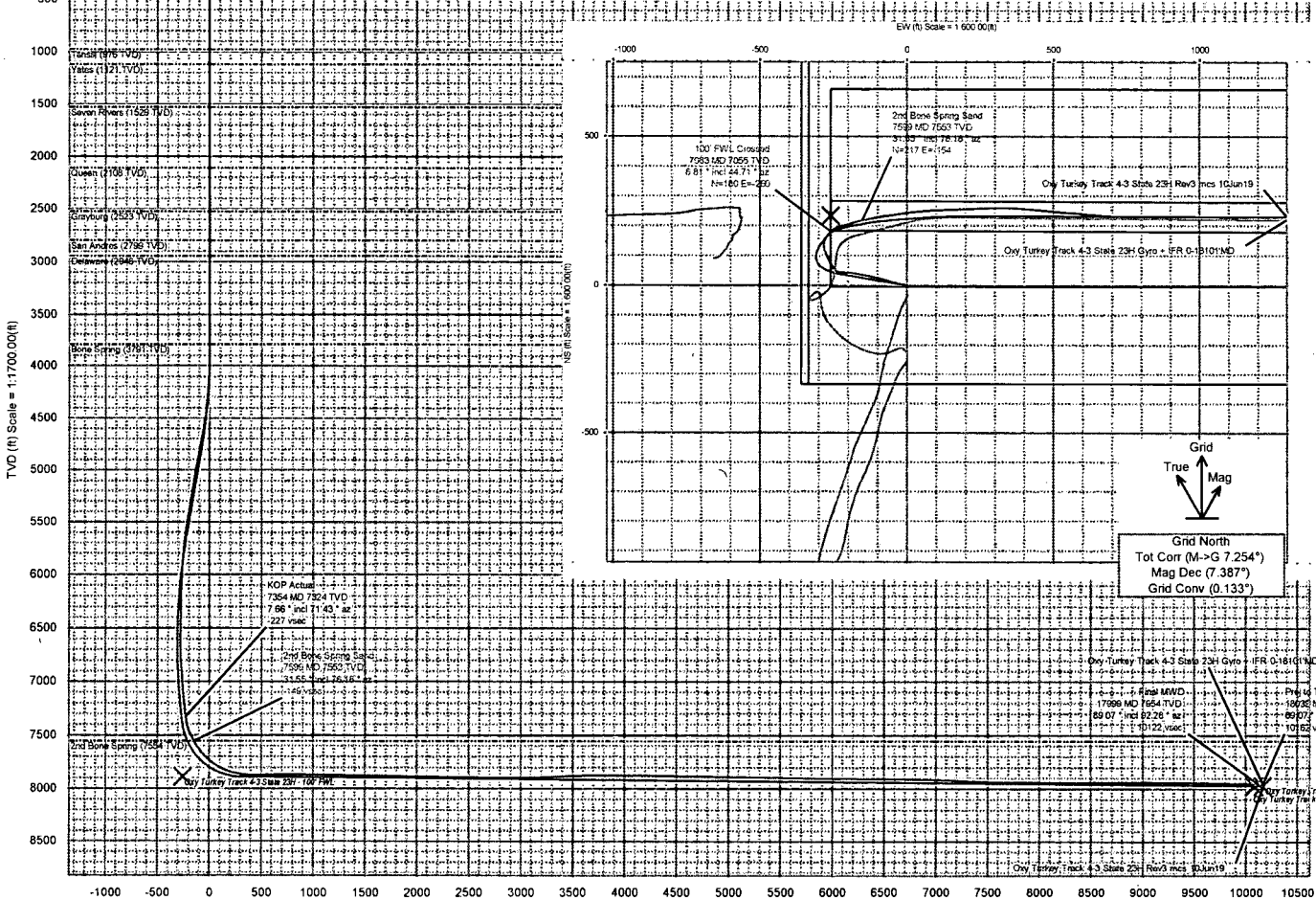
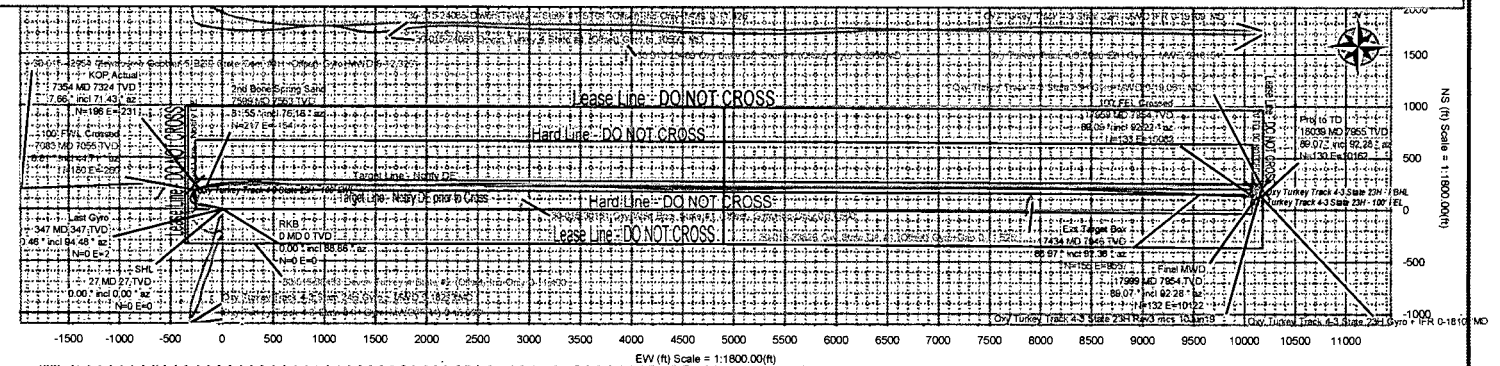


Borehole:	Well:	Field:	Structure:
Original Borehole	Oxy Turkey Track 4-3 State 23H	NM Eddy County (NAD 83)	Oxy Turkey Track 4-3 State 23H

Gravity & Magnetic Parameters			Surface Location			Miscellaneous		
Model: IFR1	Dip: 60.521°	Date: 10-Jun-2019	NAD83 New Mexico State Plane, Eastern Zone, US Feet			Oxy Turkey Track	TVD Ref:	RKB=26.5(3430.6ft above MSL)
MagDec: 7.387°	FS: 48010.8nT	Gravity FS: 998.616mg (9.80665 Based)	Lat: N 32 41 13.63	Northing: 613793.56NUS	Grid Conv: 0.1329°	4-3 State 23H	Plan:	Oxy Turkey Track 4-3 State 23H Gyro + IFR 0-18038MD
			Lon: W 104 5 13.79	Eastings: 617072.93NUS	Scale Fact: 0.99991566			

Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
RKB	0.00	0.00	88.86	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	347.00	0.46	94.48	346.99	1.67	-0.44	1.68	1.04
100' FWL Crossed	7083.00	6.81	44.71	7054.88	-256.12	179.84	-259.76	0.80
KOP Actual	7354.00	7.66	71.43	7323.81	-227.12	196.38	-231.09	0.91
2nd Bone Spring Sand	7599.15	31.55	76.18	7553.00	-149.47	216.60	-153.82	6.03
Exit Target Box	17434.00	88.97	92.38	7945.75	9558.35	154.68	9557.17	0.07
100' FEL Crossed	17959.00	89.09	92.22	7953.80	10082.33	133.35	10081.67	0.15
Final MWD	17999.00	89.07	92.28	7954.44	10122.25	131.78	10121.64	0.15
Proj to TD	18039.00	89.07	92.28	7955.09	10162.18	130.19	10161.60	0.00
LL Crossed	18060.00							



Vertical Section (ft) Azim = 88.86° Scale = 1:1700.00(ft) Origin = 0N/-S, 0E/-W

Oxy Turkey Track 4-3 State 23H Gyro + IFR 0-18039'MD Survey Geodetic Report

(Def Survey)



Report Date: June 25, 2019 - 09:47 AM
 Client: OXY
 Field: NM Eddy County (NAD 83)
 Structure / Slot: Oxy Turkey Track 4-3 State 23H / Oxy Turkey Track 4-3 State 23H
 Well: Oxy Turkey Track 4-3 State 23H
 Borehole: Original Borehole
 UWI / API#: Unknown / 30-015-44517
 Survey Name: Oxy Turkey Track 4-3 State 23H Gyro + IFR 0-18039'MD
 Survey Date: May 24, 2019
 Tort / AHD / DDI / ERD Ratio: 188.904' / 10840.948 ft / 6.667 / 1.363
 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 41' 13.63430", W 104° 5' 13.78640"
 Location Grid N/E Y/X: N 613793.550 RUS, E 617072.930 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: 88.857° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB=26.5'
 TVD Reference Elevation: 3430.600 ft above MSL
 Seabed / Ground Elevation: 3404.100 ft above MSL
 Magnetic Declination: 7.387°
 Total Gravity Field Strength: 998.5148mg (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 48010.900 nT
 Magnetic Dip Angle: 60.521°
 Declination Date: June 10, 2019
 Magnetic Declination Model: IFR1
 North Reference: Grid North
 Grid Convergence Used: 0.1329°
 Total Corr Mag North->Grid: 7.2541°
 Local Coord Referenced To: Structure Reference Point

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 ° ' ")
RKB	0.00	0.00	88.86	0.00	0.00	0.00	0.00	N/A	613793.55	617072.93	N 32 41 13.63 W 104	5 13.79
SHL	26.50	0.00	0.00	26.50	0.00	0.00	0.00	0.00	613793.55	617072.93	N 32 41 13.63 W 104	5 13.79
	97.00	0.47	78.35	97.00	0.28	0.06	0.28	0.67	613793.61	617073.21	N 32 41 13.63 W 104	5 13.78
	126.00	0.38	63.86	126.00	0.49	0.12	0.49	0.48	613793.67	617073.42	N 32 41 13.64 W 104	5 13.78
	156.00	0.56	65.96	156.00	0.71	0.23	0.71	0.60	613793.78	617073.64	N 32 41 13.64 W 104	5 13.78
	183.00	0.52	68.35	183.00	0.95	0.33	0.94	0.17	613793.88	617073.87	N 32 41 13.64 W 104	5 13.78
	210.00	0.27	161.70	210.00	1.08	0.31	1.08	2.22	613793.86	617074.01	N 32 41 13.64 W 104	5 13.77
	239.00	0.56	157.90	238.99	1.15	0.12	1.15	1.00	613793.67	617074.08	N 32 41 13.64 W 104	5 13.77
	268.00	0.47	153.86	267.99	1.26	-0.12	1.26	0.33	613793.43	617074.19	N 32 41 13.63 W 104	5 13.77
	300.00	0.39	129.66	299.99	1.39	-0.31	1.40	0.61	613793.24	617074.33	N 32 41 13.63 W 104	5 13.77
	331.00	0.36	113.23	330.99	1.56	-0.42	1.57	0.36	613793.13	617074.50	N 32 41 13.63 W 104	5 13.77
Last Gyro	347.00	0.46	94.48	346.99	1.67	-0.44	1.68	1.04	613793.11	617074.61	N 32 41 13.63 W 104	5 13.77
	423.00	0.42	119.53	422.99	2.21	-0.60	2.23	0.26	613792.95	617075.16	N 32 41 13.63 W 104	5 13.76
	516.00	0.08	132.34	515.99	2.55	-0.81	2.57	0.37	613792.74	617075.50	N 32 41 13.63 W 104	5 13.76
	609.00	0.05	321.46	608.99	2.58	-0.82	2.59	0.14	613792.73	617075.52	N 32 41 13.63 W 104	5 13.76
	703.00	0.01	91.32	702.99	2.56	-0.79	2.58	0.06	613792.76	617075.51	N 32 41 13.63 W 104	5 13.76
	797.00	0.01	256.86	796.99	2.56	-0.80	2.58	0.02	613792.75	617075.51	N 32 41 13.63 W 104	5 13.76
	891.00	0.01	291.66	890.99	2.55	-0.79	2.56	0.01	613792.76	617075.49	N 32 41 13.63 W 104	5 13.76
	985.00	0.07	101.57	984.99	2.59	-0.80	2.61	0.08	613792.75	617075.54	N 32 41 13.63 W 104	5 13.76
	1079.00	0.11	89.04	1078.99	2.74	-0.81	2.76	0.05	613792.74	617075.69	N 32 41 13.63 W 104	5 13.75
	1177.00	0.01	183.64	1176.99	2.83	-0.82	2.85	0.11	613792.73	617075.78	N 32 41 13.63 W 104	5 13.75
	1271.00	0.05	295.42	1270.99	2.80	-0.81	2.81	0.06	613792.74	617075.74	N 32 41 13.63 W 104	5 13.75
	1368.00	0.05	353.01	1367.99	2.75	-0.75	2.77	0.05	613792.80	617075.70	N 32 41 13.63 W 104	5 13.75
	1462.00	0.01	277.09	1461.99	2.74	-0.71	2.76	0.05	613792.84	617075.69	N 32 41 13.63 W 104	5 13.75
	1563.00	0.01	286.78	1562.99	2.72	-0.70	2.74	0.00	613792.85	617075.67	N 32 41 13.63 W 104	5 13.75
	1657.00	0.06	326.31	1656.99	2.69	-0.66	2.70	0.06	613792.89	617075.63	N 32 41 13.63 W 104	5 13.75
	1751.00	0.01	310.43	1750.99	2.66	-0.61	2.67	0.05	613792.94	617075.60	N 32 41 13.63 W 104	5 13.76
	1845.00	0.05	335.65	1844.99	2.64	-0.57	2.65	0.04	613792.98	617075.58	N 32 41 13.63 W 104	5 13.76
	1940.00	0.01	248.62	1939.99	2.61	-0.54	2.62	0.05	613793.01	617075.55	N 32 41 13.63 W 104	5 13.76
	2034.00	0.01	277.30	2033.99	2.60	-0.54	2.61	0.01	613793.01	617075.54	N 32 41 13.63 W 104	5 13.76
	2128.00	0.01	136.83	2127.99	2.59	-0.54	2.60	0.02	613793.01	617075.53	N 32 41 13.63 W 104	5 13.76
	2223.00	0.05	151.64	2222.99	2.62	-0.59	2.63	0.04	613792.96	617075.56	N 32 41 13.63 W 104	5 13.76
	2317.00	0.05	111.48	2316.99	2.67	-0.64	2.69	0.04	613792.91	617075.62	N 32 41 13.63 W 104	5 13.75
	2412.00	0.01	136.46	2411.99	2.72	-0.66	2.73	0.04	613792.89	617075.66	N 32 41 13.63 W 104	5 13.75
	2506.00	0.01	133.67	2505.99	2.73	-0.67	2.74	0.00	613792.88	617075.67	N 32 41 13.63 W 104	5 13.75
	2601.00	0.01	83.83	2600.99	2.74	-0.68	2.76	0.01	613792.87	617075.69	N 32 41 13.63 W 104	5 13.75
	2695.00	0.01	21.43	2694.99	2.75	-0.67	2.77	0.01	613792.88	617075.70	N 32 41 13.63 W 104	5 13.75
	2789.00	0.05	126.21	2788.99	2.79	-0.68	2.80	0.06	613792.87	617075.73	N 32 41 13.63 W 104	5 13.75
	2884.00	0.05	157.35	2883.99	2.84	-0.75	2.85	0.03	613792.80	617075.78	N 32 41 13.63 W 104	5 13.75
	2908.00	0.01	328.23	2907.99	2.84	-0.75	2.86	0.25	613792.80	617075.79	N 32 41 13.63 W 104	5 13.75
	3099.00	0.08	107.30	3098.99	2.96	-0.78	2.98	0.05	613792.77	617075.90	N 32 41 13.63 W 104	5 13.75
3193.00	0.05	181.90	3192.99	3.02	-0.84	3.04	0.09	613792.71	617075.97	N 32 41 13.63 W 104	5 13.75	
3287.00	0.08	309.45	3286.99	2.97	-0.84	2.98	0.05	613792.71	617075.91	N 32 41 13.63 W 104	5 13.75	
3381.00	0.10	261.34	3380.99	2.84	-0.81	2.85	0.08	613792.74	617075.78	N 32 41 13.63 W 104	5 13.75	
3476.00	0.05	335.43	3475.99	2.74	-0.79	2.75	0.12	613792.77	617075.68	N 32 41 13.63 W 104	5 13.75	
3570.00	0.12	282.47	3569.99	2.63	-0.73	2.64	0.10	613792.82	617075.57	N 32 41 13.63 W 104	5 13.76	
3664.00	0.35	305.69	3663.99	2.30	-0.54	2.31	0.26	613793.01	617075.24	N 32 41 13.63 W 104	5 13.76	
3758.00	0.40	330.61	3757.98	1.91	-0.08	1.92	0.18	613793.47	617074.85	N 32 41 13.63 W 104	5 13.76	
3853.00	0.22	176.20	3852.98	1.77	0.02	1.77	0.64	613793.57	617074.70	N 32 41 13.63 W 104	5 13.77	
3947.00	1.29	283.33	3946.98	0.75	0.09	0.75	1.46	613793.64	617073.68	N 32 41 13.64 W 104	5 13.78	
4041.00	2.60	280.63	4040.92	-2.36	0.72	-2.38	1.40	613794.27	617070.55	N 32 41 13.64 W 104	5 13.81	
4136.00	3.60	280.24	4135.78	-7.40	1.65	-7.43	1.05	613795.20	617065.50	N 32 41 13.65 W 104	5 13.87	
4230.00	4.79	281.51	4229.53	-14.12	2.96	-14.18	1.27	613796.51	617058.75	N 32 41 13.66 W 104	5 13.95	
4420.00	6.80	283.26	4418.55	-32.75	7.12	-32.90	1.06	613800.67	617040.03	N 32 41 13.71 W 104	5 14.17	
4515.00	8.22	284.41	4512.73	-44.75	10.10	-44.96	1.50	613803.65	617027.98	N 32 41 13.74 W 104	5 14.31	
4609.00	9.38	285.26	4605.62	-58.57	13.79	-58.85	1.24	613807.34	617014.06	N 32 41 13.77 W 104	5 14.47	
4704.00	11.25	284.56	4699.08	-74.92	18.16	-75.29	1.97	613811.71	616997.84	N 32 41 13.82 W 104	5 14.67	
4798.00	10.95	283.37	4791.32	-92.39	22.53	-92.85	0.40	613816.08	616980.08	N 32 41 13.86 W 104	5 14.87	
4892.00	10.97	282.49	4883.61	-109.72	26.53	-110.27	0.18	613820.08	616962.67	N 32 41 13.90 W 104	5 15.08	
5081.00	9.54	281.29	5069.58	-142.49	33.48	-143.19	0.76	613827.03	616929.75	N 32 41 13.97 W 104	5 15.46	
5251.00	9.66	279.47	5237.20	-170.27	38.59	-171.07	0.19	613832.13	616901.87	N 32 41 14.02 W 104	5 15.79	
5299.00	9.86	277.51	5284.51	-178.29	39.79	-179.12	0.81	613833.33	616893.82	N 32 41 14.03 W 104	5 15.88	
5488.00	9.05	272.03	5470.94	-209.13	42.43	-210.02	0.64	613835.98	616862.93	N 32 41 14.06 W 104	5 16.24	
5582.00	8.78	272.59	5563.81	-223.67	43.02	-224.58	0.30	613836.56	616848.37	N 32 41 14.07 W 104	5 16.41	
5676.00	7.64	295.91	5656.87	-236.40	46.07	-237.37	3.71	613839.62	616835.58	N 32 41 14.10 W 104	5 16.56	
5771.00	7.78	319.14	5751.03	-246.14	53.70	-247.26	3.26	613847.24	616825.69	N 32 41 14.17 W 104	5 16.68	
5865.00	8.36	329.03	5844.11	-253.60	64.37	-254.94	1.60	613857.91	616818.02	N 32 41 14.28 W 104	5 16.77	
5959.00	8.47	333.57	5937.10	-259.96	76.43	-261.53	0.72	613869.97	616811.42	N 32 41 14.40 W 104	5 16.84	
6054.00	7.32	333.98	6031.19	-265.49	88.13	-267.30	1.21	613881.67	616805.65	N 32 41 14.51 W 104	5 16.91	
6148.00	5.52	334.43	6124.60	-269.88	97.59	-271.88	1.92	613891.13	616801.07	N 32 41 14.61 W 104	5 16.96	
6244.00	4.08	340.09	6220.26	-272.89	104.97	-275.04	1.58	613898.51	616797.92	N 32 41 14.68 W 104	5 17.00	
6338.00	3.48	341.22	6314.06	-274.83	110.81	-277.10	0.64	613904.35	616795.86	N 32 41 14.74 W 104	5 17.03	
6433.00	3.71	336.14	6408.87	-276.89	116.35	-279.27	0.41	613909.89	616793.69	N 32 41 14.79 W 104	5 17.05	
6527.00	5.10	345.87	6502.59	-279.00	123.19	-281.52	1.67	613916.73	616791.44	N 32 41 14.86 W 104	5 17.08	
6621.00	5.84	353.59	6596.16	-280.38	131.99	-283.07	1.11	613925.53	616789.88	N 32 41 14.95 W 104	5 17.09	
6716.00	6.35	11.36	6690.64	-279.69	141.94	-282.58	2.05	613935.48	616790.38	N 32 41 15.05 W 104	5 17.09	
6810.00	7.35	22.75										

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 ° ° ' '')
100' FWL Crossed	7083.00	6.81	44.71	7054.88	-256.12	179.84	-259.76	0.80	613973.37	616813.19	N 32 41 15.42 W 104	5 16.82
KOP Actual	7093.00	6.79	45.36	7064.81	-255.27	180.67	-258.92	0.80	613974.21	616814.03	N 32 41 15.43 W 104	5 16.81
	7187.00	6.90	57.19	7158.15	-246.43	187.64	-250.22	1.50	613981.17	616822.73	N 32 41 15.50 W 104	5 16.71
	7282.00	7.31	67.15	7252.42	-235.96	193.08	-239.86	1.36	613986.61	616833.09	N 32 41 15.55 W 104	5 16.59
	7354.00	7.66	71.43	7323.81	-227.12	196.38	-231.09	0.91	613989.92	616841.86	N 32 41 15.58 W 104	5 16.48
	7441.00	12.97	77.68	7409.37	-212.00	200.32	-216.04	6.23	613993.85	616856.91	N 32 41 15.62 W 104	5 16.31
2nd Bone Spring Sand	7536.00	27.86	74.27	7498.16	-179.88	208.66	-184.08	15.72	614002.19	616888.87	N 32 41 15.70 W 104	5 15.93
	7599.15	31.55	76.18	7553.00	-149.47	216.60	-153.82	6.03	614010.14	616919.12	N 32 41 15.78 W 104	5 15.58
	7630.00	33.36	76.98	7579.03	-133.29	220.44	-137.72	6.03	614013.97	616935.22	N 32 41 15.82 W 104	5 15.39
	7724.00	40.12	81.73	7654.33	-77.87	230.64	-82.49	7.80	614024.17	616990.45	N 32 41 15.92 W 104	5 14.75
	7819.00	49.02	81.55	7721.94	-11.80	240.33	-16.60	9.37	614033.86	617058.33	N 32 41 16.01 W 104	5 13.97
	7913.00	59.09	85.59	7777.06	63.87	248.67	58.92	11.26	614042.19	617131.85	N 32 41 16.09 W 104	5 13.09
	8007.00	66.82	87.90	7819.78	147.46	253.36	142.44	8.51	614046.89	617215.36	N 32 41 16.14 W 104	5 12.11
	8102.00	76.97	87.63	7849.26	237.62	256.88	232.55	10.69	614050.41	617305.45	N 32 41 16.17 W 104	5 11.06
	8196.00	82.50	89.44	7866.01	330.08	259.23	324.97	6.18	614052.76	617397.88	N 32 41 16.19 W 104	5 9.98
	8290.00	90.05	95.53	7872.11	423.58	255.15	418.57	10.31	614046.68	617491.47	N 32 41 16.15 W 104	5 8.88
	8316.00	90.63	95.45	7871.96	449.40	252.66	444.45	2.25	614046.19	617517.35	N 32 41 16.12 W 104	5 8.58
	8475.00	91.96	94.33	7868.37	607.48	239.11	602.83	1.09	614032.64	617675.71	N 32 41 15.99 W 104	5 6.73
	8570.00	91.04	94.23	7865.88	702.02	232.02	697.53	0.97	614025.55	617770.40	N 32 41 15.91 W 104	5 5.62
	8665.00	88.99	92.60	7865.86	796.71	226.36	792.35	2.76	614019.90	617865.21	N 32 41 15.86 W 104	5 4.51
	8854.00	89.14	90.15	7868.94	985.49	221.83	981.26	1.30	614015.36	618054.10	N 32 41 15.81 W 104	5 2.30
	9042.00	89.00	90.17	7871.99	1173.41	221.31	1169.23	0.08	614014.84	618242.06	N 32 41 15.80 W 104	5 0.10
	9137.00	89.16	89.94	7873.52	1268.38	221.21	1264.22	0.29	614014.75	618337.04	N 32 41 15.79 W 104	4 58.99
	9240.00	89.19	89.38	7875.00	1371.36	221.83	1367.21	0.54	614015.36	618440.02	N 32 41 15.80 W 104	4 57.78
	9429.00	89.20	89.95	7877.66	1560.32	222.93	1556.19	0.30	614016.46	618628.98	N 32 41 15.80 W 104	4 55.57
	9617.00	89.12	90.06	7880.41	1748.26	222.91	1744.16	0.07	614016.44	618816.94	N 32 41 15.80 W 104	4 53.37
	9805.00	89.07	88.22	7883.38	1936.23	225.74	1932.11	0.98	614019.27	619004.88	N 32 41 15.82 W 104	4 51.17
	9899.00	89.27	87.81	7884.74	2030.21	228.99	2026.05	0.49	614022.52	619098.80	N 32 41 15.85 W 104	4 50.07
	9993.00	89.14	87.91	7886.05	2124.19	232.50	2119.97	0.17	614026.03	619192.72	N 32 41 15.89 W 104	4 48.98
	10097.00	88.96	88.06	7887.77	2228.16	236.16	2223.89	0.23	614029.69	619296.63	N 32 41 15.92 W 104	4 47.76
	10191.00	88.98	88.11	7889.46	2322.14	239.30	2317.82	0.06	614032.83	619390.55	N 32 41 15.95 W 104	4 46.66
	10380.00	89.15	90.05	7892.55	2511.10	242.33	2506.77	1.03	614035.86	619579.48	N 32 41 15.97 W 104	4 44.45
	10570.00	89.41	89.44	7894.93	2701.06	243.18	2696.75	0.35	614036.71	619769.45	N 32 41 15.98 W 104	4 42.23
	10759.00	90.40	90.26	7895.25	2890.03	243.67	2885.74	0.68	614037.20	619958.42	N 32 41 15.98 W 104	4 40.02
	10947.00	90.61	90.50	7893.59	3077.96	242.43	3073.73	0.17	614035.95	620146.40	N 32 41 15.96 W 104	4 37.82
	11136.00	91.56	91.90	7890.01	3266.76	238.47	3262.65	0.90	614032.00	620335.30	N 32 41 15.92 W 104	4 35.61
	11325.00	93.46	93.08	7881.73	3455.18	230.27	3451.28	1.18	614023.80	620523.91	N 32 41 15.83 W 104	4 33.40
	11419.00	91.67	92.03	7877.53	3548.89	226.08	3545.09	2.21	614019.61	620617.71	N 32 41 15.79 W 104	4 32.30
	11608.00	90.13	91.96	7874.56	3737.58	219.50	3733.94	0.82	614013.03	620806.55	N 32 41 15.72 W 104	4 30.09
	11797.00	89.75	92.20	7874.76	3926.28	212.64	3922.82	0.24	614006.18	620995.41	N 32 41 15.65 W 104	4 27.88
	11986.00	89.85	92.24	7875.42	4114.95	205.32	4111.67	0.06	613998.85	621184.25	N 32 41 15.57 W 104	4 25.67
	12174.00	89.30	91.75	7876.81	4302.66	198.78	4299.55	0.39	613992.31	621372.11	N 32 41 15.50 W 104	4 23.47
	12364.00	89.23	89.59	7879.25	4492.54	196.56	4489.51	1.14	613990.09	621562.06	N 32 41 15.47 W 104	4 21.25
	12553.00	89.08	90.12	7882.04	4681.49	197.03	4678.49	0.29	613990.57	621751.02	N 32 41 15.47 W 104	4 19.04
	12742.00	89.98	89.74	7885.23	4870.43	197.27	4867.46	0.21	613990.80	621939.97	N 32 41 15.47 W 104	4 16.83
	12836.00	88.88	89.69	7886.99	4964.40	197.73	4961.45	0.12	613991.27	622033.95	N 32 41 15.47 W 104	4 15.73
	12931.00	88.92	90.42	7888.81	5059.36	197.64	5056.43	0.77	613991.17	622128.92	N 32 41 15.47 W 104	4 14.62
	13120.00	89.35	88.46	7891.67	5248.32	199.49	5245.39	1.06	613993.02	622317.86	N 32 41 15.48 W 104	4 12.41
	13214.00	88.94	88.14	7893.07	5342.31	202.28	5339.34	0.55	613995.81	622411.80	N 32 41 15.51 W 104	4 11.31
	13403.00	88.98	88.34	7896.50	5531.27	208.08	5528.22	0.11	614001.61	622600.67	N 32 41 15.56 W 104	4 9.10
	13592.00	89.01	88.02	7899.82	5720.22	214.08	5717.09	0.17	614007.61	622789.53	N 32 41 15.62 W 104	4 6.89
	13687.00	88.75	89.36	7901.67	5815.20	216.25	5812.05	1.44	614009.79	622884.47	N 32 41 15.64 W 104	4 5.78
	13875.00	89.37	92.24	7904.76	6003.05	213.63	5999.98	1.57	614007.16	623072.39	N 32 41 15.60 W 104	4 3.58
	13970.00	89.28	90.48	7905.88	6097.95	211.37	6094.94	1.85	614004.91	623167.35	N 32 41 15.58 W 104	4 2.47
	14159.00	89.64	90.29	7907.66	6286.87	210.10	6283.93	0.22	614003.64	623356.32	N 32 41 15.56 W 104	4 0.26
	14347.00	89.53	90.33	7909.02	6474.81	209.09	6471.92	0.06	614002.62	623544.29	N 32 41 15.55 W 104	3 58.06
	14536.00	89.43	90.35	7910.73	6663.73	207.97	6660.91	0.05	614001.50	623733.27	N 32 41 15.53 W 104	3 55.85
	14725.00	89.31	89.98	7912.81	6852.67	207.42	6849.90	0.21	614000.95	623922.24	N 32 41 15.52 W 104	3 53.63
	14913.00	87.93	87.95	7917.34	7040.60	210.82	7037.80	1.31	614004.35	624110.12	N 32 41 15.55 W 104	3 51.44
	15008.00	87.88	88.11	7920.81	7135.53	214.08	7132.68	0.18	614007.61	624204.99	N 32 41 15.58 W 104	3 50.33
	15197.00	87.79	89.78	7927.95	7324.39	217.56	7321.51	0.88	614011.09	624393.80	N 32 41 15.61 W 104	3 48.12
	15386.00	88.74	90.38	7933.68	7513.26	217.29	7510.42	0.59	614010.82	624582.70	N 32 41 15.60 W 104	3 45.91
	15480.00	89.25	90.41	7935.33	7607.21	216.84	7604.40	0.54	614010.18	624676.67	N 32 41 15.59 W 104	3 44.81
	15575.00	89.73	90.39	7936.17	7702.17	215.98	7699.39	0.51	614009.51	624771.66	N 32 41 15.59 W 104	3 43.69
	15669.00	89.66	90.33	7936.67	7796.14	215.39	7793.39	0.10	614008.92	624865.65	N 32 41 15.58 W 104	3 42.59
	15763.00	89.48	90.29	7937.38	7890.10	214.88	7887.39	0.20	614008.41	624959.64	N 32 41 15.57 W 104	3 41.50
	15858.00	89.27	90.68	7938.41	7985.06	214.08	7982.38	0.47	614007.61	625054.62	N 32 41 15.56 W 104	3 40.38
	15952.00	89.31	90.82	7939.58	8079.00	212.85	8076.36	0.15	614006.38	625148.59	N 32 41 15.54 W 104	3 39.28
	16046.00	89.42	92.55	7940.62	8172.88	210.08	8170.31	1.84	614003.62	625242.54	N 32 41 15.52 W 104	3 38.18
	16238.00	89.86	92.39	7941.81	8362.49	201.90	8360.13	0.25	613995.43	625432.34	N 32 41 15.43 W 104	3 35.96
	16330.00	90.27	92.30	7941.71	8456.32	198.05	8454.05	0.45	613991.58	625526.25	N 32 41 15.39 W 104	3 34.87
	16425.00	90.00	92.41	7941.48	8551.14	194.15	8548.97	0.31	613987.68	625621.16	N 32 41 15.35 W 104	3 33.75
	16519.00	90.03	92.19	7941.46	8644.97	190.37	8642.90	0.24	613983.91	625715.08	N 32 41 15.31 W 104	3 32.66
	16613.00	90.31	92.19	7941.18	8738.81	186.78	8736.83	0.30	613980.32	625809.00	N 32 41 15.27 W 104	3 31.56
	16708.00	90.12	92.32	7940.82	8833.65	183.04	8831.75	0.24	613976.58	625903.92	N 32 41 15.23 W 104	3 30.45
	16802.00	89.62	92.12	7941.04	8927.48	179.40	8925.68	0.57	613972.94	625997.84	N 32 41 15.19 W 104	3 29.35
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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	26.500	26.500	Act Stns	30.000	30.000	NAL_NSG+MSHOT-Depth Only			Original Borehole / Oxy Turkey Track 4-3 State 23H Gyro + IFR 0- 18039'MD	
		1	26.500	347.000	Act Stns	30.000	30.000	NAL_NSG+MSHOT			Original Borehole / Oxy Turkey Track 4-3 State 23H Gyro + IFR 0-	
		1	347.000	18039.000	Act Stns	30.000	30.000	NAL_MWD_IFR1+MS			Original Borehole / Oxy Turkey Track 4-3 State 23H Gyro + IFR 0-	