

MDC Operations
9900 West Interstate 20
Midland, Texas 79706
Phone (915) 563-3057
Fax (915) 563-3059

Anadrill Schlumberger Survey Report

OXY USA, Inc.
Wallace State Com #1
Eddy County, New Mexico

Magnetic Declination: 11.1 DEG

Tie In Point (TIP):

Measured Depth	7725	FT.
True Vertical Depth	7723.6	FT.
Inclination	1.33	DEG
Azimuth	33.87	DEG
N/S Displacement(-ve for S)	-81.54	FT.
E/W Displacement(-ve for W)	-23.26	FT.

Azim. From Rotary Table To Target 231 DEG

Accepted Survey Listing:

M.Depth (ft)	Int. (ft)	TVD (ft)	TargetS (ft)	Incl. (deg)	Azim (deg)	N.Disp (ft)	E.Disp (ft)	T.Disp (ft)	Clr.Ang (deg)	DLS (D/HF)
7810	85	7808.52	71.89	4.64	231.28	-82.87	-25.39	86.68	197.04	6.97
7841	31	7839.41	74.47	4.95	233.08	-84.46	-27.44	88.8	198	1.11
7873	32	7871.28	77.41	5.58	226.91	-86.35	-29.68	91.31	198.97	2.64
7935	62	7932.92	84.04	6.74	227.13	-90.88	-34.55	97.23	200.81	1.87
7998	63	7995.39	92.21	8.18	232.37	-96.13	-40.81	104.44	203	2.53
8029	31	8026.02	96.95	9.42	234.05	-98.97	-44.61	108.56	204.26	4.08
8091	62	8086.98	108.21	11.54	235.12	-105.5	-53.81	118.42	207.02	3.43
8123	32	8118.31	114.7	11.92	236.05	-109.18	-59.18	124.18	208.46	1.33
8186	63	8179.78	128.46	13.37	228.94	-117.6	-70.07	136.89	210.79	3.37
8217	31	8209.88	135.85	14.23	230.1	-122.4	-75.7	143.91	211.73	2.91
8279	62	8269.69	152.2	16.33	231.92	-132.67	-88.41	159.42	213.68	3.47
8310	31	8299.38	161.11	17.08	229.74	-138.3	-95.31	167.96	214.57	3.15
8372	62	8358.33	180.29	18.98	231.07	-150.52	-110.1	186.49	216.18	3.14
8403	31	8387.63	190.4	19.11	231.22	-156.87	-117.98	196.28	216.95	0.45
8464	61	8445.05	211	20.35	231.95	-169.66	-134.12	216.27	218.33	2.07
8527	63	8503.88	233.54	21.58	231.22	-183.67	-151.78	238.27	219.57	2
8589	62	8561.48	256.47	21.84	232.74	-197.79	-169.85	260.71	220.65	1
8652	63	8619.98	279.83	21.72	233.49	-211.82	-188.55	283.58	221.67	0.48
8715	63	8678.5	303.16	21.78	233.41	-225.72	-207.3	306.47	222.56	0.11
8776	61	8734.7	326.85	23.98	232.5	-240.01	-226.22	329.82	223.31	3.65
8838	62	8790.84	353.13	26.21	232.69	-255.98	-247.11	355.79	223.99	3.6
8870	32	8819.53	367.31	26.4	233.03	-264.54	-258.41	369.81	224.33	0.76
8902	32	8848.24	381.43	26.03	233.04	-273.04	-269.7	383.79	224.65	1.16
8933	31	8876	395.23	26.87	231.39	-281.5	-280.61	397.47	224.91	3.6
8995	62	8931.79	422.27	24.85	230.63	-298.51	-301.63	424.37	225.3	3.3
9026	31	8960.03	435.05	23.84	231.55	-306.54	-311.57	437.08	225.47	3.48

Schlumberger

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9056	30	8987.46	447.2	23.97	232.8	-313.99	-321.17	449.16	225.65	1.74
9112	56	9039.1	468.81	21.52	235.32	-326.71	-338.68	470.58	226.03	4.71
Projected:										
9150	38	9074.56	482.45	21.52	235.32	-334.47	-349.95	484.08	226.3	0