

Anadrill Schlumberger Survey Report

Burlington Resources Oil & Gas Co.
Red Tank Federal #3
Lea County, New Mexico

Magnetic Declination: 9.17 DEG

Tie In Point (TIP):

Measured Depth	8200	FT.
True Vertical Depth	8196.19	FT.
Inclination	1	DEG
Azimuth	243	DEG
N/S Displacement(-ve for S)	53.24	FT.
E/W Displacement(-ve for W)	81.92	FT.

Azim. From Rotary Table To Target 20.02 DEG

Accepted Survey Listing:

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)
8386	186	8381.96	85.3	5.2	16.2	60.6	82.83	102.63	53.81	3.19
8419	33	8414.66	89.01	10.5	337.56	64.82	82.1	104.6	51.71	21.83
8451	32	8445.27	96.34	22.69	346.56	73.55	79.54	108.34	47.24	38.82
8482	31	8472.34	108.75	35.22	345.59	88.08	75.91	116.28	40.76	40.45
8511	29	8494.03	124.59	47.68	346	106.66	71.22	128.25	33.73	42.98
8542	60	8512.24	149.11	61.02	4.01	131.96	73.39	150.99	29.08	48.36
8573	31	8523.32	177.41	77.07	13.98	160.39	78.03	178.37	25.94	59.78
8591	18	8525.44	195.21	89.4	18.61	177.51	83.04	195.97	25.07	73.09
8623	32	8524.58	227.18	93.7	18.31	207.85	93.17	227.77	24.14	13.47
8655	32	8522.35	259.09	94.3	18.31	238.16	103.2	259.55	23.43	1.88
8686	31	8519.86	289.99	94.93	19.42	267.4	113.19	290.37	22.94	4.11
8718	32	8517.48	321.9	93.6	21.12	297.33	124.25	322.25	22.68	6.73
8749	31	8515.33	352.82	94.35	21.46	326.14	135.48	353.16	22.56	2.66
8780	31	8512.86	383.7	94.8	21.83	354.86	146.88	384.06	22.48	1.88
8812	32	8510.46	415.59	93.8	21.83	384.48	158.75	415.96	22.43	3.12
8844	32	8508.79	447.53	92.2	21.83	414.14	170.63	447.92	22.39	5
8875	31	8507.57	478.48	92.3	22.53	442.82	182.32	478.89	22.38	2.28
8902	27	8506.89	505.45	90.6	22.18	467.78	192.59	505.87	22.38	6.43
8934	32	8507.05	537.43	88.83	21.23	497.51	204.42	537.87	22.34	6.28
8965	31	8507.47	568.42	89.6	21.12	526.41	215.62	568.86	22.27	2.51
8997	32	8507.33	600.4	90.89	22.66	556.1	227.55	600.86	22.25	6.28
9029	32	8507.28	632.36	89.3	23.23	585.57	240.02	632.85	22.29	5.28
9061	32	8507.77	664.3	88.94	23.44	614.95	252.69	664.84	22.34	1.3
9092	31	8507.93	695.22	90.46	24.56	643.27	265.3	695.83	22.41	6.09
9124	32	8507.36	727.11	91.57	24.74	672.35	278.64	727.8	22.51	3.51
9155	31	8507.01	758	89.71	24.8	700.49	291.63	758.77	22.6	6
9187	32	8507.54	789.89	88.4	24.64	729.55	305.01	790.75	22.69	4.12
9219	32	8508.52	821.77	88.1	24.64	758.62	318.35	822.71	22.76	0.94