

BALHBURG EXPLORATION
No. 1 Lowe "25", slot #1
LOWE FIELD, LEA COUNTY, NEW MEXICO

SURVEY LISTING Page 1
Your ref : S.R.G. and E.M.S Survey to T.D.
Last revised : 1-Apr-93

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert. Depth	R E C T A N G U L A R C O O R D I N A T E S		Dogleg Deg/100Ft	Vert Sect
0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00	0.00
100.00	0.30	71.84	100.00	0.08 N	0.25 E	0.30	-0.10
200.00	0.33	95.81	200.00	0.13 N	0.78 E	0.13	-0.20
300.00	0.28	296.81	300.00	0.22 N	0.85 E	0.60	-0.29
400.00	0.17	14.85	400.00	0.47 N	0.67 E	0.30	-0.53
500.00	0.18	129.64	500.00	0.51 N	0.83 E	0.29	-0.58
600.00	0.27	279.62	600.00	0.45 N	0.72 E	0.44	-0.51
700.00	0.17	311.22	700.00	0.59 N	0.38 E	0.15	-0.62
800.00	0.24	243.35	800.00	0.59 N	0.08 E	0.24	-0.60
900.00	0.34	244.16	899.99	0.37 N	0.38 W	0.10	-0.33
1000.00	0.45	283.14	999.99	0.33 N	1.03 W	0.28	-0.24
1100.00	0.40	243.82	1099.99	0.26 N	1.72 W	0.29	-0.11
1200.00	0.08	321.37	1199.99	0.16 N	2.08 W	0.39	0.02
1300.00	0.12	307.87	1299.99	0.28 N	2.20 W	0.05	-0.09
1400.00	0.34	266.03	1399.99	0.33 N	2.58 W	0.26	-0.10
1500.00	0.36	198.35	1499.98	0.01 N	2.98 W	0.39	0.26
1600.00	0.42	257.31	1599.98	0.37 S	3.44 W	0.39	0.67
1700.00	0.56	210.67	1699.98	0.87 S	4.04 W	0.41	1.23
1800.00	0.83	246.67	1799.97	1.58 S	4.96 W	0.50	2.01
1900.00	0.90	208.74	1899.96	2.55 S	6.00 W	0.57	3.08
2000.00	0.74	231.83	1999.95	3.64 S	6.88 W	0.36	4.24
2100.00	1.13	213.71	2099.94	4.86 S	7.94 W	0.48	5.55
2200.00	1.01	208.18	2199.92	6.46 S	8.90 W	0.16	7.22
2300.00	0.99	227.19	2299.91	7.82 S	9.95 W	0.33	8.68
2400.00	0.85	226.64	2399.89	8.92 S	11.12 W	0.14	9.87
2500.00	0.72	234.30	2499.88	9.79 S	12.18 W	0.17	10.84
2600.00	1.09	214.78	2599.87	10.94 S	13.23 W	0.48	12.08
2700.00	0.83	230.79	2699.86	12.18 S	14.33 W	0.37	13.41
2800.00	1.12	216.52	2799.84	13.42 S	15.47 W	0.38	14.75
2900.00	0.77	230.43	2899.83	14.64 S	16.57 W	0.42	16.05
3000.00	0.99	227.28	2999.82	15.65 S	17.73 W	0.22	17.17
3100.00	1.15	205.11	3099.80	17.15 S	18.79 W	0.44	18.75
3200.00	1.09	185.82	3199.78	19.00 S	19.31 W	0.38	20.64
3300.00	0.82	163.00	3299.77	20.63 S	19.20 W	0.46	22.26
3400.00	0.82	172.26	3399.76	22.02 S	18.89 W	0.13	23.62
3500.00	0.87	149.02	3499.75	23.38 S	18.40 W	0.34	24.93
3600.00	0.99	170.38	3599.74	24.89 S	17.87 W	0.36	26.38
3700.00	0.77	151.89	3699.72	26.33 S	17.41 W	0.36	27.78
3800.00	0.91	152.35	3799.71	27.63 S	16.72 W	0.14	29.01
3900.00	0.73	159.21	3899.70	28.93 S	16.13 W	0.20	30.25
4000.00	0.55	193.11	3999.70	29.99 S	16.01 W	0.41	31.30
4100.00	0.45	168.63	4099.69	30.84 S	16.04 W	0.23	32.15
4200.00	0.46	198.38	4199.69	31.61 S	16.09 W	0.23	32.92
4300.00	0.16	214.74	4299.69	32.10 S	16.30 W	0.31	33.43
4400.00	0.44	173.61	4399.69	32.60 S	16.33 W	0.34	33.92
4500.00	0.44	182.83	4499.68	33.37 S	16.31 W	0.07	34.68
4600.00	0.31	180.31	4599.68	34.02 S	16.33 W	0.13	35.34
4700.00	0.44	136.76	4699.68	34.57 S	16.07 W	0.30	35.86
4800.00	0.43	142.71	4799.68	35.15 S	15.58 W	0.05	36.40
4900.00	0.52	198.95	4899.67	35.88 S	15.50 W	0.45	37.11

All data is in feet unless otherwise stated
Coordinates from structure and TVD from wellhead.
Vertical section is from wellhead on azimuth 185.10 degrees.
Declination is 0.00 degrees, Convergence is 0.00 degrees.
Calculation uses the minimum curvature method.
Presented by Eastman Teleco

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5000.00	0.29	136.85	4999.67	36.49 S	15.47 W	0.46	37.72
5100.00	0.62	206.55	5099.67	37.16 S	15.54 W	0.59	38.39
5200.00	0.20	167.58	5199.67	37.81 S	15.75 W	0.48	39.06
5300.00	0.22	198.70	5299.67	38.16 S	15.77 W	0.11	39.42
5400.00	0.42	212.47	5399.66	38.66 S	16.03 W	0.21	39.93
5500.00	0.42	212.45	5499.66	39.28 S	16.42 W	0.00	40.58
5600.00	0.54	197.20	5599.66	40.03 S	16.76 W	0.17	41.37
5700.00	0.64	152.28	5699.65	40.98 S	16.64 W	0.46	42.30
5800.00	0.88	162.14	5799.64	42.20 S	16.14 W	0.27	43.47
5900.00	0.78	188.15	5899.63	43.61 S	16.00 W	0.39	44.86
6000.00	0.93	179.64	5999.62	45.09 S	16.10 W	0.20	46.35
6100.00	1.01	156.92	6099.61	46.72 S	15.74 W	0.39	47.93
6200.00	0.96	159.56	6199.59	48.31 S	15.11 W	0.07	49.46
6300.00	1.00	172.86	6299.58	49.96 S	14.70 W	0.23	51.07
6400.00	1.07	177.98	6399.56	51.76 S	14.56 W	0.12	52.85
6500.00	1.44	171.58	6499.54	53.94 S	14.35 W	0.40	55.00
6600.00	1.69	168.67	6599.50	56.63 S	13.87 W	0.26	57.64
6700.00	1.49	150.33	6699.46	59.20 S	12.94 W	0.54	60.12
6800.00	1.37	166.70	6799.43	61.50 S	12.02 W	0.42	62.32
6900.00	1.50	164.79	6899.40	63.92 S	11.40 W	0.14	64.68
6950.00	1.21	173.53	6949.39	65.08 S	11.17 W	0.71	65.81
7033.00	1.48	182.41	7032.36	67.02 S	11.12 W	0.41	67.74
7065.00	1.58	181.68	7064.35	67.87 S	11.15 W	0.32	68.60
7159.00	1.49	185.79	7158.32	70.38 S	11.31 W	0.15	71.11
7254.00	1.53	187.76	7253.29	72.87 S	11.60 W	0.07	73.61
7348.00	1.57	191.95	7347.25	75.37 S	12.04 W	0.13	76.15
7433.00	1.73	190.70	7432.22	77.77 S	12.52 W	0.19	78.58
7537.00	1.72	191.42	7536.17	80.85 S	13.12 W	0.02	81.69
7632.00	1.82	192.90	7631.12	83.71 S	13.74 W	0.12	84.60
7727.00	1.81	194.10	7726.08	86.64 S	14.44 W	0.04	87.58
7821.00	1.77	192.64	7820.03	89.50 S	15.12 W	0.06	90.49
7916.00	1.90	190.66	7914.98	92.48 S	15.73 W	0.15	93.51
8010.00	1.83	190.60	8008.93	95.48 S	16.30 W	0.07	96.55
8105.00	1.91	190.27	8103.88	98.53 S	16.86 W	0.08	99.64
8199.00	1.98	189.69	8197.83	101.67 S	17.41 W	0.08	102.82
8294.00	2.00	188.28	8292.77	104.93 S	17.93 W	0.06	106.11
8388.00	2.06	187.70	8386.71	108.23 S	18.39 W	0.07	109.44
8483.00	2.05	186.15	8481.65	111.61 S	18.80 W	0.06	112.84
8578.00	2.08	186.63	8576.59	115.01 S	19.18 W	0.04	116.26
8672.00	1.96	187.94	8670.53	118.30 S	19.60 W	0.14	119.57
8767.00	1.96	186.81	8765.48	121.52 S	20.02 W	0.04	122.82
8861.00	1.86	187.18	8859.42	124.63 S	20.40 W	0.11	125.95
8956.00	1.94	188.01	8954.37	127.75 S	20.82 W	0.09	129.10
9145.00	2.13	189.41	9143.25	134.38 S	21.84 W	0.10	135.79
9240.00	2.16	189.90	9238.18	137.89 S	22.43 W	0.04	139.34
9344.00	2.15	190.66	9342.11	141.74 S	23.13 W	0.03	143.23
9429.00	2.15	188.71	9427.05	144.88 S	23.67 W	0.09	146.41
9523.00	2.02	188.65	9520.99	148.26 S	24.18 W	0.14	149.82
9618.00	2.26	188.41	9615.92	151.77 S	24.71 W	0.25	153.37
9712.00	2.23	188.45	9709.85	155.41 S	25.25 W	0.03	157.04

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