

SCIENTIFIC DRILLING SURVEY REPORT

Company: NEARBURG PRODUCING
Field: Degger Draw
Site: Eddy County, NM
Well: S. Boyd 27 #12
Wellpath: VH - Job #32K0100031

Date: 1/31/2000 Time: 12:28:23
Co-ordinate(NE) Reference: Site: Eddy County, NM, True North
Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level
Section (VS) Reference: Slot (0.0E, 0.0N, 0.0Az)
Survey Calculation Method: Minimum Curvature

Survey: 1/29/00
KSRG 0'-6000'

Start Date: 1/31/2000

Company: S.D.I.
Tool:

Engineer: G. DeSpain

Survey

MD ft	Incl deg	Azim deg	TVD ft	NS ft	E/W ft	VS ft	DLS d/100ft	ChA deg	ChD ft
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.0
100.0	0.13	104.94	100.0	0.0	0.1	0.0	0.13	104.94	0.1
200.0	0.12	246.09	200.0	-0.1	0.1	-0.1	0.24	129.26	0.2
300.0	0.12	146.41	300.0	-0.2	0.1	-0.2	0.18	159.62	0.2
400.0	0.07	35.72	400.0	-0.3	0.2	-0.3	0.16	146.24	0.3
500.0	0.02	300.84	500.0	-0.2	0.2	-0.2	0.07	136.36	0.3
600.0	0.09	123.34	600.0	-0.2	0.3	-0.2	0.11	134.23	0.3
700.0	0.17	49.43	700.0	-0.2	0.4	-0.2	0.17	113.96	0.5
800.0	0.16	30.29	800.0	0.0	0.6	0.0	0.08	87.53	0.6
900.0	0.37	51.85	900.0	0.3	0.9	0.3	0.23	69.70	1.0
1000.0	0.53	25.75	1000.0	1.0	1.4	1.0	0.26	55.32	1.7
1100.0	0.88	28.65	1100.0	2.1	2.0	2.1	0.35	43.68	2.8
1200.0	0.76	24.50	1200.0	3.3	2.6	3.3	0.13	38.02	4.2
1300.0	0.89	20.01	1300.0	4.7	3.1	4.7	0.15	33.99	5.6
1400.0	0.82	27.68	1400.0	6.0	3.7	6.0	0.13	31.84	7.1
1500.0	0.93	27.08	1499.9	7.4	4.4	7.4	0.11	31.05	8.6
1600.0	1.00	29.43	1599.9	8.9	5.2	8.9	0.08	30.60	10.3
1700.0	0.97	32.06	1699.9	10.3	6.1	10.3	0.05	30.61	12.0
1800.0	1.08	31.39	1799.9	11.9	7.1	11.9	0.11	30.76	13.8
1900.0	1.08	27.13	1899.9	13.5	8.0	13.5	0.08	30.58	15.7
2000.0	1.07	32.33	1999.9	15.1	8.9	15.1	0.10	30.49	17.6
2100.0	1.09	31.81	2099.8	16.7	9.9	16.7	0.02	30.64	19.4
2200.0	1.04	31.30	2199.8	18.3	10.9	18.3	0.05	30.72	21.3
2300.0	1.01	25.17	2299.8	19.9	11.7	19.9	0.11	30.53	23.1
2400.0	0.93	23.75	2399.8	21.4	12.4	21.4	0.08	30.12	24.8
2500.0	0.90	25.37	2499.8	22.9	13.1	22.9	0.04	29.78	26.4
2600.0	0.84	25.03	2599.8	24.3	13.7	24.3	0.06	29.53	27.9
2700.0	1.04	26.44	2699.8	25.7	14.5	25.7	0.20	29.33	29.5
2800.0	1.03	26.51	2799.7	27.4	15.3	27.4	0.01	29.16	31.3
2900.0	1.01	27.54	2899.7	28.9	16.1	28.9	0.03	29.05	33.1
3000.0	0.93	30.80	2999.7	30.4	16.9	30.4	0.10	29.05	34.8
3100.0	0.95	28.38	3099.7	31.8	17.7	31.8	0.04	29.07	36.4
3200.0	1.00	28.58	3199.7	33.3	18.5	33.3	0.05	29.05	38.1
3300.0	1.00	29.68	3299.7	34.9	19.4	34.9	0.02	29.05	39.9
3400.0	1.04	29.73	3399.7	36.4	20.2	36.4	0.04	29.08	41.7
3500.0	1.02	24.61	3499.6	38.0	21.1	38.0	0.09	29.00	43.5
3600.0	1.01	23.28	3599.6	39.6	21.8	39.6	0.03	28.80	45.2
3700.0	0.87	20.01	3699.6	41.1	22.4	41.1	0.15	28.56	46.8
3800.0	0.79	17.00	3799.6	42.5	22.9	42.5	0.09	28.26	48.3
3900.0	0.75	16.08	3899.6	43.8	23.2	43.8	0.04	27.94	49.6
4000.0	0.72	14.02	3999.6	45.0	23.6	45.0	0.04	27.62	50.8
4100.0	0.69	5.58	4099.6	46.3	23.8	46.3	0.11	27.21	52.0
4200.0	0.75	351.79	4199.6	47.5	23.7	47.5	0.18	26.56	53.1
4300.0	0.69	347.01	4299.6	48.7	23.5	48.7	0.08	25.76	54.1
4400.0	0.80	337.35	4399.5	50.0	23.1	50.0	0.17	24.82	55.1
4500.0	0.96	338.39	4499.5	51.4	22.5	51.4	0.16	23.68	56.1
4600.0	1.08	336.77	4599.5	53.0	21.9	53.0	0.12	22.40	57.4
4700.0	1.29	341.01	4699.5	55.0	21.1	55.0	0.23	21.02	58.9