

Survey Report

OPERATOR:	NEARBURG PRODUCING COMPANY	START:	2/17/00
WELL:	S. BOYD 27 #12ST	JOB # DD00100	FINISH:
LOCATION:	EDDY COUNTY, NEW MEXICO	KOP= 5414 MD	

PROPOSED DIRECTION: 211.83

MIN. CURVATURE CALCULATIONS

SUR NUM	MD ft	INCL. °	AZM. °	TVD ft	N-S ft	E-W ft	SECT. ft	DLS °/100 ft	TEMP °F
Tie-in	5300.0	1.64	337.6	5299.3	69.8	15.1	-67.3	0.00	
1	5371.0	1.90	335.0	5370.3	71.8	14.2	-68.5	0.38	
2	5403.0	1.90	335.8	5402.2	72.8	13.8	-69.1	0.08	
3	5433.0	1.90	334.9	5432.2	73.7	13.4	-69.6	0.10	
4	5464.0	1.90	323.0	5463.2	74.6	12.8	-70.1	1.27	
5	5494.0	1.90	327.4	5493.2	75.4	12.3	-70.5	0.49	
6	5525.0	1.90	326.1	5524.2	76.2	11.7	-70.9	0.14	
7	5557.0	1.40	323.1	5556.2	77.0	11.2	-71.3	1.59	
8	5588.0	1.80	319.6	5587.2	77.7	10.6	-71.6	1.33	
9	5619.0	1.70	318.5	5618.1	78.4	10.0	-71.9	0.34	
10	5651.0	1.60	318.5	5650.1	79.1	9.4	-72.1	0.31	
11	5683.0	1.80	297.2	5682.1	79.6	8.7	-72.2	2.06	
12	5715.0	3.00	248.6	5714.1	79.5	7.4	-71.5	7.05	
13	5747.0	5.00	227.7	5746.0	78.3	5.6	-69.5	7.64	
14	5810.0	7.30	221.5	5808.6	73.5	0.9	-62.9	3.79	
15	5905.0	7.60	217.3	5902.8	63.9	-6.9	-50.7	0.65	
16	5968.0	8.30	215.3	5965.2	56.9	-12.0	-42.0	1.19	
17	6031.0	8.70	218.0	6027.5	49.4	-17.6	-32.7	0.90	
18	6124.0	8.80	206.6	6119.5	37.5	-25.1	-18.7	1.86	
19	6219.0	9.60	205.2	6213.2	23.9	-31.7	-3.6	0.87	
20	6282.0	11.00	204.6	6275.2	13.7	-36.5	7.6	2.23	
21	6345.0	11.10	204.4	6337.1	2.7	-41.5	19.6	0.17	
22	6435.0	10.80	207.2	6425.4	-12.7	-48.9	36.6	0.68	
23	6530.0	10.20	210.8	6518.8	-27.9	-57.3	53.9	0.94	
24	6623.0	11.00	206.5	6610.2	-42.9	-65.5	71.0	1.21	
25	6747.0	12.80	200.9	6731.6	-66.3	-75.6	96.2	1.72	
26	6871.0	15.00	198.7	6851.9	-94.3	-85.7	125.3	1.82	
27	6964.0	13.80	200.5	6942.0	-116.1	-93.4	147.9	1.38	
28	7057.0	13.30	199.9	7032.4	-136.6	-101.0	169.3	0.56	
29	7134.0	12.90	199.9	7107.4	-153.0	-106.9	186.4	0.52	
30	7228.0	14.40	209.7	7198.8	-173.0	-116.3	208.3	2.93	
31	7322.0	15.40	206.0	7289.6	-194.4	-127.5	232.4	1.47	
32	7384.0	15.30	207.4	7349.4	-209.0	-134.9	248.7	0.62	
33	7445.0	12.90	211.9	7408.6	-222.0	-142.2	263.6	4.32	
34	7507.0	13.30	208.4	7469.0	-234.1	-149.3	277.6	1.43	
35	7569.0	14.20	202.9	7529.2	-247.4	-155.6	292.3	2.56	
36	7632.0	14.10	206.8	7590.3	-261.4	-162.1	307.5	1.52	
37	7662.0	14.70	208.4	7619.3	-268.0	-165.5	315.0	2.40	
38	7725.0	16.10	207.6	7680.1	-282.7	-173.4	331.7	2.25	
39	7819.0	16.50	207.4	7770.3	-306.1	-185.6	358.0	0.43	
40	7910.0	15.70	208.3	7857.7	-328.5	-197.3	383.1	0.92	
41	8004.0	14.70	208.7	7948.4	-350.1	-209.1	407.7	1.07	
42	8057.0	14.50	209.2	7999.7	-361.8	-215.6	421.1	0.45	
BIT	8100.0	14.30	209.7	8041.4	-371.1	-220.8	431.8	0.55	