



Scientific Drilling

NEARBURG PRODUCING

Field: Unknown

Site: Eddy County, NM

Well: Python 3 Fed. #3

Wellpath: VH - Job #32K0700294

Survey: 7/18/00-7/28/00

30.025-35081

3-20s-33e

Surf: Unit J

2200/s & 1330/E

BHL: Unit G

3351/s & 1848/E

This survey is correct to the best of my knowledge
and is supported by actual field data.

[Signature] Company Representative

SCIENTIFIC DRILLING

SURVEY REPORT

Company: NEARBURG PRODUCING
Field: Unknown
Site: Eddy County, NM
Well: Python 3 Fed. #3
Wellpath: VH - Job #32K0700294

Date: 10/4/2000 **Time:** 08:48:32 **Page:** 1
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,337.4Azi)
Survey Calculation Method: Minimum Curvature

Survey: 7/18/00-7/28/00
 SS 0'-6977'

Start Date: 7/28/2000

Company: SDI
Tool: SSK

Engineer: William Hoffman

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS d/100ft	ClsA deg	ClsD ft
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.0
242.0	0.25	354.88	242.0	0.5	0.0	0.5	0.10	354.88	0.5
500.0	0.75	101.00	500.0	0.8	1.6	0.1	0.33	63.90	1.7
822.0	1.25	161.00	821.9	-3.0	4.8	-4.6	0.34	121.80	5.6
1328.0	1.50	130.00	1327.8	-12.4	11.6	-16.0	0.15	136.88	17.0
1842.0	1.25	125.00	1841.7	-20.0	21.4	-26.7	0.05	133.04	29.3
2306.0	1.25	89.00	2305.6	-22.8	30.6	-32.8	0.17	126.68	38.1
2790.0	3.00	65.00	2789.2	-17.3	47.4	-34.2	0.40	110.12	50.4
3260.0	2.75	84.00	3258.6	-11.0	69.7	-36.9	0.21	98.94	70.6
3337.0	3.00	69.00	3335.5	-10.1	73.4	-37.5	1.03	97.79	74.1
3438.0	3.00	74.70	3436.4	-8.4	78.4	-37.9	0.30	96.12	78.9
3531.0	3.70	41.20	3529.2	-5.5	82.8	-36.9	2.20	93.81	83.0
3627.0	4.80	10.20	3625.0	0.8	85.5	-32.1	2.61	89.48	85.5
3723.0	6.50	354.80	3720.5	10.1	85.7	-23.6	2.36	83.25	86.3
3788.0	6.70	346.40	3785.1	17.5	84.5	-16.3	1.52	78.31	86.3
3851.0	7.50	339.90	3847.6	24.9	82.2	-8.6	1.80	73.14	85.9
3946.0	8.40	335.50	3941.7	37.1	77.2	4.5	1.14	64.36	85.7
4041.0	10.60	324.50	4035.4	50.5	69.3	20.0	2.99	53.91	85.7
4136.0	12.70	323.80	4128.4	66.0	58.0	38.7	2.22	41.31	87.9
4199.0	14.00	325.60	4189.7	77.9	49.6	52.9	2.17	32.50	92.4
4291.0	15.20	333.60	4278.8	97.9	38.0	75.8	2.55	21.21	105.0
4388.0	16.60	335.70	4372.1	121.9	26.6	102.3	1.56	12.32	124.8
4460.0	18.10	331.90	4440.8	141.2	17.1	123.7	2.61	6.92	142.2
4555.0	19.90	327.70	4530.6	167.8	1.5	154.4	2.38	0.53	167.9
4651.0	20.80	325.20	4620.6	195.7	-16.9	187.1	1.30	355.06	196.4
4746.0	22.40	328.70	4709.0	225.0	-36.0	221.5	2.16	350.92	227.8
4839.0	22.70	330.90	4794.8	255.8	-53.9	256.9	0.96	346.10	261.4
4871.0	22.70	330.90	4824.4	266.6	-59.9	269.1	0.00	347.34	273.2
4935.0	22.40	331.10	4883.5	288.1	-71.8	293.5	0.48	346.01	296.9
5034.0	21.50	332.50	4975.3	320.7	-89.3	330.3	1.05	344.44	332.9
5131.0	21.40	332.20	5065.6	352.1	-105.7	365.7	0.15	343.28	367.6
5226.0	21.10	332.10	5154.1	382.5	-121.8	400.0	0.32	342.33	401.5
5320.0	20.60	332.10	5242.0	412.1	-137.5	433.3	0.53	341.55	434.4
5415.0	20.70	331.60	5330.9	441.6	-153.3	466.6	0.21	340.86	467.5
5448.0	20.50	332.00	5361.7	451.9	-158.8	478.2	0.74	340.64	478.9
5540.0	21.40	332.30	5447.7	480.9	-174.1	510.9	0.99	340.10	511.5
5634.0	20.80	331.00	5535.4	510.7	-190.2	544.6	0.81	339.57	545.0
5731.0	20.10	329.00	5626.2	540.1	-207.1	578.2	1.02	339.02	578.4
5826.0	20.50	333.40	5715.4	569.0	-223.0	611.0	1.66	338.60	611.1
5919.0	20.50	332.30	5802.5	597.9	-237.9	643.4	0.41	338.31	643.5
6013.0	19.90	333.90	5890.7	626.9	-252.5	675.8	0.87	338.06	675.8
6109.0	19.70	332.90	5981.0	655.9	-267.1	708.2	0.41	337.84	708.2
6209.0	18.25	331.00	6075.6	684.6	-282.4	740.6	1.58	337.59	740.6
6303.0	17.50	330.00	6165.0	709.8	-296.6	769.2	0.86	337.32	769.2
6402.0	16.50	329.00	6259.7	734.7	-311.3	797.9	1.05	337.04	797.9
6502.0	15.00	331.00	6356.0	758.2	-324.9	824.8	1.60	336.81	824.9
6597.0	14.50	333.00	6447.8	779.5	-336.2	848.9	0.75	336.67	849.0
6691.0	14.50	334.00	6538.8	800.6	-346.7	872.4	0.27	336.58	872.5

SCIENTIFIC DRILLING SURVEY REPORT

Company: NEARBURG PRODUCING
Field: Unknown
Site: Eddy County, NM
Well: Python 3 Fed. #3
Wellpath: VH - Job #32K0700294

Date: 10/4/2000 Time: 08:48:32 Page: 2
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,337.4Azi)
Survey Calculation Method: Minimum Curvature

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS d/100ft	ClsA deg	ClsD ft
6786.0	14.00	332.00	6630.9	821.4	-357.3	895.7	0.74	336.49	895.8
6881.0	13.50	337.00	6723.2	841.8	-367.0	918.2	1.36	336.44	918.3
6977.0	12.00	340.00	6816.8	861.5	-374.8	939.4	1.71	336.49	939.5
7104.0	11.00	340.00	6941.3	885.3	-383.5	964.7	0.79	336.58	964.8
7200.0	10.00	340.00	7035.7	901.7	-389.5	982.2	1.04	336.64	982.2
7295.0	10.00	335.00	7129.2	916.9	-395.8	998.6	0.91	336.65	998.7
7388.0	9.50	335.00	7220.9	931.2	-402.4	1014.4	0.54	336.63	1014.5
7485.0	9.25	335.00	7316.6	945.5	-409.1	1030.2	0.26	336.60	1030.3
7579.0	9.50	335.00	7409.3	959.4	-415.6	1045.5	0.27	336.58	1045.6
7675.0	8.00	335.00	7504.2	972.7	-421.8	1060.1	1.56	336.56	1060.2
7771.0	7.50	335.00	7599.3	984.4	-427.2	1073.0	0.52	336.54	1073.1
7866.0	7.25	334.00	7693.5	995.4	-432.5	1085.2	0.30	336.52	1085.3
7960.0	7.00	335.00	7786.8	1005.9	-437.5	1096.8	0.30	336.49	1096.9
8055.0	6.50	335.00	7881.2	1016.0	-442.2	1108.0	0.53	336.48	1108.1
8149.0	6.50	335.00	7974.5	1025.7	-446.7	1118.6	0.00	336.47	1118.7
8244.0	6.50	335.00	8068.9	1035.4	-451.3	1129.3	0.00	336.45	1129.5
8340.0	6.50	335.00	8164.3	1045.3	-455.9	1140.2	0.00	336.44	1140.4
8467.0	6.00	335.00	8290.6	1057.8	-461.7	1154.0	0.39	336.42	1154.2
8562.0	6.00	335.00	8385.0	1066.8	-465.9	1163.9	0.00	336.41	1164.1
8657.0	5.50	335.00	8479.6	1075.4	-469.9	1173.4	0.53	336.40	1173.6
8752.0	5.50	334.00	8574.1	1083.7	-473.8	1182.5	0.10	336.38	1182.7
8845.0	5.50	335.00	8666.7	1091.7	-477.7	1191.4	0.10	336.37	1191.6
8939.0	5.50	335.00	8760.3	1099.9	-481.5	1200.4	0.00	336.36	1200.6
9035.0	5.50	335.00	8855.8	1108.2	-485.4	1209.6	0.00	336.35	1209.8
9100.0	4.75	335.00	8920.6	1113.5	-487.8	1215.4	1.15	336.34	1215.6
9188.0	4.50	325.00	9008.3	1119.6	-491.4	1222.4	0.96	336.30	1222.7
9282.0	4.25	325.00	9102.0	1125.5	-495.5	1229.4	0.27	336.24	1229.7
9378.0	4.25	320.00	9197.7	1131.1	-499.8	1236.3	0.39	336.16	1236.6
9423.0	4.25	317.00	9242.6	1133.6	-502.0	1239.5	0.49	336.11	1239.8
9568.0	3.75	315.00	9387.3	1140.9	-509.0	1248.9	0.36	335.96	1249.3
9694.0	3.50	320.00	9513.0	1146.7	-514.4	1256.4	0.32	335.84	1256.8
9780.0	3.25	320.00	9598.9	1150.6	-517.7	1261.2	0.29	335.78	1261.7



Scientific
Drilling

NEARBURG PRODUCING

Field: Unknown

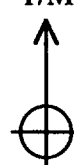
Site: Eddy County, NM

Well: Python 3 Fed. #3

Wellpath: VH - Job #32K0700294

Survey: 7/18/00-7/28/00

I/M



All Angles Relative
To Local North

True North: 0.00
Magnetic North: 0.00

