

OPERATOR: NEARBURG PRODUCING CO. RIG 49
WELL/LEASE: PYTHON 3 FED. 6 SUR: K-1980/S & 2510/W
COUNTY: LEA BHL: F-3632/S & 2210/W

STATE OF NEW MEXICO
DEVIATION REPORT

3-205-33e
30-025-35647

205	1/2
411	1/4
617	1/2
797	1
1,049	1
1,234	2
1,400	2
1,690	2 1/2

By: Steve Moore

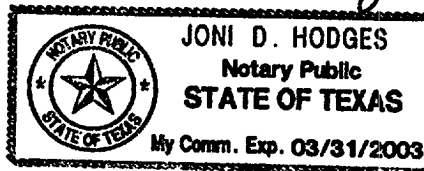
STATE OF TEXAS

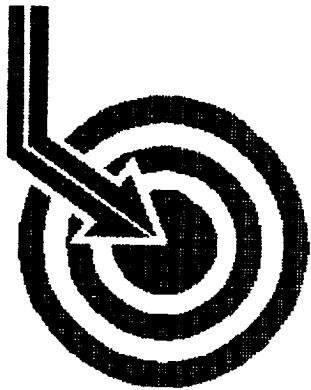
COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 20th day of August, 2001, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003





Scientific Drilling

NEARBURG PRODUCING

Field: Teas
Site: Lea County, NM
Well: Python 3 Federal #6
Wellpath: DH - Job #32D0701436

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

Scott Neady Company Representative

Notorized this date 26th of September, 2001.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas



Scientific Drilling International

Survey Report

Company: NEARBURG PRODUCING	Date: 9/21/2001	Time: 10:04:57	Page: 1
Field: Teas	Co-ordinate(NE) Reference: Site: Lea County, NM, True North		
Site: Lea County, NM	Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level		
Well: Python 3 Federal #6	Section (VS) Reference: Well (0.0E,0.0N,350.8Azi)		
Wellpath: DH - Job #32D0701436	Survey Calculation Method: Minimum Curvature		

Survey: 7/20/01-8/13/01 MWD 1467'-4208' & S/T 4250'-9878'	Start Date: 9/21/2001
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Company: SDI w/ Ryan	Engineer: Jim Sutton
Tool: Eye II	

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
1400.0	2.55	197.26	1399.7	-5.6	-7.0	-8.1	10.7	229.02
1467.0	2.50	190.20	1466.6	-8.3	-9.9	-8.8	13.2	221.63
1498.0	2.60	188.40	1497.6	-9.7	-11.2	-9.0	14.4	218.69
1540.0	2.60	184.20	1539.5	-11.5	-13.1	-9.2	16.0	215.04
1594.0	2.50	173.60	1593.5	-13.9	-15.5	-9.2	18.0	210.57
1626.0	2.10	166.30	1625.4	-15.1	-16.8	-8.9	19.0	208.07
1688.0	1.60	156.80	1687.4	-17.1	-18.7	-8.3	20.5	204.06
1751.0	0.50	154.30	1750.4	-18.2	-19.7	-7.9	21.3	201.75
1814.0	0.50	47.10	1813.4	-18.3	-19.8	-7.6	21.2	200.88
1877.0	1.40	0.30	1876.4	-17.4	-18.8	-7.3	20.2	201.30
1908.0	1.90	348.40	1907.4	-16.5	-18.0	-7.4	19.4	202.53
1940.0	2.50	355.00	1939.4	-15.3	-16.7	-7.6	18.4	204.46
2035.0	4.90	348.70	2034.2	-9.2	-10.7	-8.6	13.7	218.76
2099.0	6.30	347.70	2097.8	-3.0	-4.6	-9.9	10.9	245.07
2131.0	7.00	347.00	2129.6	0.7	-1.0	-10.7	10.7	264.78
2164.0	8.10	347.30	2162.3	5.1	3.3	-11.7	12.1	285.59
2198.0	9.30	347.30	2196.0	10.2	8.3	-12.8	15.2	302.90
2230.0	10.20	347.30	2227.5	15.6	13.6	-14.0	19.5	314.13
2261.0	11.30	347.00	2257.9	21.4	19.2	-15.3	24.5	321.51
2292.0	12.10	347.30	2288.3	27.7	25.3	-16.7	30.3	326.66
2323.0	13.20	347.70	2318.5	34.4	31.9	-18.1	36.7	330.43
2386.0	13.90	347.70	2379.8	49.2	46.4	-21.3	51.0	335.36
2416.0	13.70	348.00	2408.9	56.3	53.4	-22.8	58.0	336.89
2448.0	14.10	347.70	2440.0	64.0	60.9	-24.4	65.6	338.16
2479.0	14.60	347.30	2470.0	71.7	68.4	-26.1	73.2	339.14
2510.0	14.80	347.30	2500.0	79.5	76.1	-27.8	81.0	339.93
2543.0	15.00	347.30	2531.9	88.0	84.3	-29.7	89.4	340.63
2574.0	14.80	347.70	2561.9	95.9	92.1	-31.4	97.3	341.19
2605.0	15.10	347.30	2591.8	103.9	99.9	-33.1	105.3	341.67
2636.0	15.70	346.30	2621.7	112.1	107.9	-35.0	113.5	342.04
2667.0	15.70	347.00	2651.5	120.5	116.1	-36.9	121.8	342.36
2698.0	15.00	348.00	2681.4	128.7	124.1	-38.7	130.0	342.68
2730.0	15.10	347.70	2712.3	137.0	132.2	-40.5	138.3	342.99
2763.0	15.10	348.70	2744.2	145.6	140.6	-42.2	146.8	343.29
2794.0	15.00	349.10	2774.1	153.6	148.5	-43.8	154.9	343.58
2829.0	14.30	350.50	2808.0	162.5	157.3	-45.3	163.7	343.92
2859.0	14.30	350.10	2837.1	169.9	164.6	-46.6	171.0	344.20
2888.0	14.10	351.20	2865.2	177.0	171.6	-47.7	178.1	344.45
2920.0	14.10	351.20	2896.2	184.8	179.3	-48.9	185.8	344.73
2950.0	14.60	351.50	2925.3	192.2	186.6	-50.0	193.2	344.99
2980.0	15.00	351.20	2954.3	199.9	194.2	-51.2	200.8	345.23
3042.0	14.40	351.20	3014.3	215.6	209.8	-53.6	216.5	345.66
3105.0	14.40	350.50	3075.3	231.3	225.2	-56.1	232.1	346.01
3170.0	14.80	350.80	3138.2	247.7	241.4	-58.8	248.4	346.32
3232.0	14.30	350.10	3198.2	263.3	256.8	-61.3	264.0	346.56
3263.0	13.70	350.10	3228.3	270.8	264.1	-62.6	271.5	346.66
3295.0	13.60	349.10	3259.4	278.3	271.6	-64.0	279.0	346.74
3327.0	13.00	348.70	3290.5	285.7	278.8	-65.4	286.4	346.80

Scientific Drilling International

Survey Report

Company: NEARBURG PRODUCING
Field: Teas
Site: Lea County, NM
Well: Python 3 Federal #6
Wellpath: DH - Job #32D0701436

Date: 9/21/2001
Co-ordinate(NE) Reference: Site: Lea County, NM, True North
Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level
Section (VS) Reference: Well (0.0E,0.0N,350.8Azi)
Survey Calculation Method: Minimum Curvature

Page: 2

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
3390.0	12.70	348.40	3351.9					
3453.0	12.80	346.30	3413.4	299.7	292.5	-68.2	300.4	346.88
				313.5	306.1	-71.2	314.3	346.90
3532.0	11.30	341.70	3490.6	329.9	321.9	-75.7	330.7	346.76
3623.0	12.00	344.30	3579.8	348.1	339.5	-81.1	349.1	346.57
3685.0	13.40	351.90	3640.2	361.7	352.8	-83.9	362.7	346.63
3748.0	12.10	350.80	3701.7	375.6	366.6	-85.9	376.5	346.81
3812.0	12.30	351.20	3764.2	389.1	379.9	-88.1	390.0	346.95
3905.0	14.80	351.50	3854.6	410.9	401.5	-91.3	411.7	347.18
3999.0	14.40	350.80	3945.6	434.6	424.9	-95.0	435.4	347.40
4061.0	14.30	352.20	4005.7	450.0	440.1	-97.2	450.7	347.54
4156.0	13.10	352.20	4098.0	472.5	462.4	-100.3	473.1	347.76
4208.0	14.10	352.20	4148.5	484.7	474.5	-102.0	485.3	347.87
4250.0	14.60	354.20	4189.2	495.1	484.8	-103.2	495.7	347.98
4313.0	13.50	349.70	4250.3	510.4	500.0	-105.3	510.9	348.11
4374.0	13.50	349.80	4309.6	524.6	514.0	-107.8	525.2	348.15
4437.0	13.30	347.00	4370.9	539.2	528.3	-110.8	539.8	348.16
4532.0	13.00	343.70	4463.4	560.7	549.2	-116.2	561.3	348.05
4627.0	13.90	347.90	4555.8	582.7	570.6	-121.6	583.4	347.97
4721.0	13.80	347.70	4647.1	605.2	592.6	-126.4	605.9	347.96
4815.0	13.70	347.70	4738.4	627.5	614.4	-131.1	628.3	347.95
4910.0	13.50	349.10	4830.7	649.8	636.3	-135.6	650.6	347.97
5005.0	13.20	346.70	4923.2	671.7	657.7	-140.2	672.5	347.97
5099.0	13.10	348.70	5014.7	693.0	678.6	-144.8	693.9	347.96
5194.0	12.70	348.10	5107.3	714.2	699.4	-149.0	715.1	347.97
5287.0	12.30	344.60	5198.1	734.3	719.0	-153.8	735.2	347.93
5382.0	11.60	344.70	5291.0	753.9	737.9	-159.0	754.9	347.84
5443.0	12.20	346.20	5350.7	766.4	750.1	-162.1	767.4	347.80
5538.0	12.50	350.70	5443.5	786.7	770.0	-166.2	787.7	347.82
5632.0	11.60	352.10	5535.5	806.3	789.4	-169.1	807.3	347.91
5725.0	12.20	351.20	5626.5	825.5	806.4	-171.9	826.5	347.99
5821.0	12.10	349.70	5720.3	845.7	828.3	-175.3	846.6	348.05
5916.0	12.10	348.50	5813.2	865.6	847.8	-179.0	866.5	348.08
6009.0	12.10	348.60	5904.1	885.0	867.0	-182.9	886.0	348.09
6103.0	12.40	348.70	5996.0	905.0	886.5	-186.8	906.0	348.10
6197.0	11.60	348.60	6087.9	924.5	905.7	-190.7	925.5	348.11
6291.0	11.00	348.60	6180.1	942.9	923.7	-194.3	943.9	348.12
6385.0	11.90	353.20	6272.2	961.6	942.1	-197.2	962.6	348.18
6479.0	11.40	351.90	6364.3	980.5	961.0	-199.7	981.5	348.26
6574.0	11.90	354.90	6457.4	999.7	980.0	-201.9	1000.6	348.36
6669.0	11.90	355.40	6550.3	1019.2	999.5	-203.6	1020.0	348.49
6764.0	11.80	355.00	6643.3	1038.7	1019.0	-205.2	1039.4	348.61
6858.0	11.90	354.00	6735.3	1057.9	1038.2	-207.0	1058.6	348.72
6951.0	12.00	354.30	6826.3	1077.2	1057.3	-209.0	1077.8	348.82
7079.0	11.90	353.60	6951.5	1103.6	1083.7	-211.8	1104.2	348.94
7267.0	10.70	353.10	7135.8	1140.4	1120.3	-216.0	1140.9	349.08
7394.0	11.60	353.60	7260.5	1165.0	1144.7	-218.9	1165.4	349.17
7552.0	12.50	353.40	7415.0	1197.9	1177.5	-222.6	1198.3	349.29
7644.0	12.20	351.80	7504.8	1217.6	1197.0	-225.2	1218.0	349.35
7802.0	11.90	352.40	7659.4	1250.5	1229.6	-229.7	1250.9	349.42
7866.0	11.50	351.50	7722.0	1263.5	1242.5	-231.5	1263.9	349.45
7994.0	11.50	351.60	7847.5	1289.0	1267.7	-235.3	1289.4	349.49
8152.0	11.50	353.70	8002.3	1320.5	1299.0	-239.3	1320.8	349.56

Scientific Drilling International

Survey Report

Company: NEARBURG PRODUCING
Field: Teas
Site: Lea County, NM
Well: Python 3 Federal #6
Wellpath: DH - Job #32D0701436

Date: 9/21/2001 **Time:** 10:04:57 **Page:** 3
Co-ordinate(NE) Reference: Site: Lea County, NM, True North
Vertical (TVD) Reference: SITE 0.0 above Mean Sea Level
Section (VS) Reference: Well (0.0E,0.0N,350.8Azi)
Survey Calculation Method: Minimum Curvature

Survey

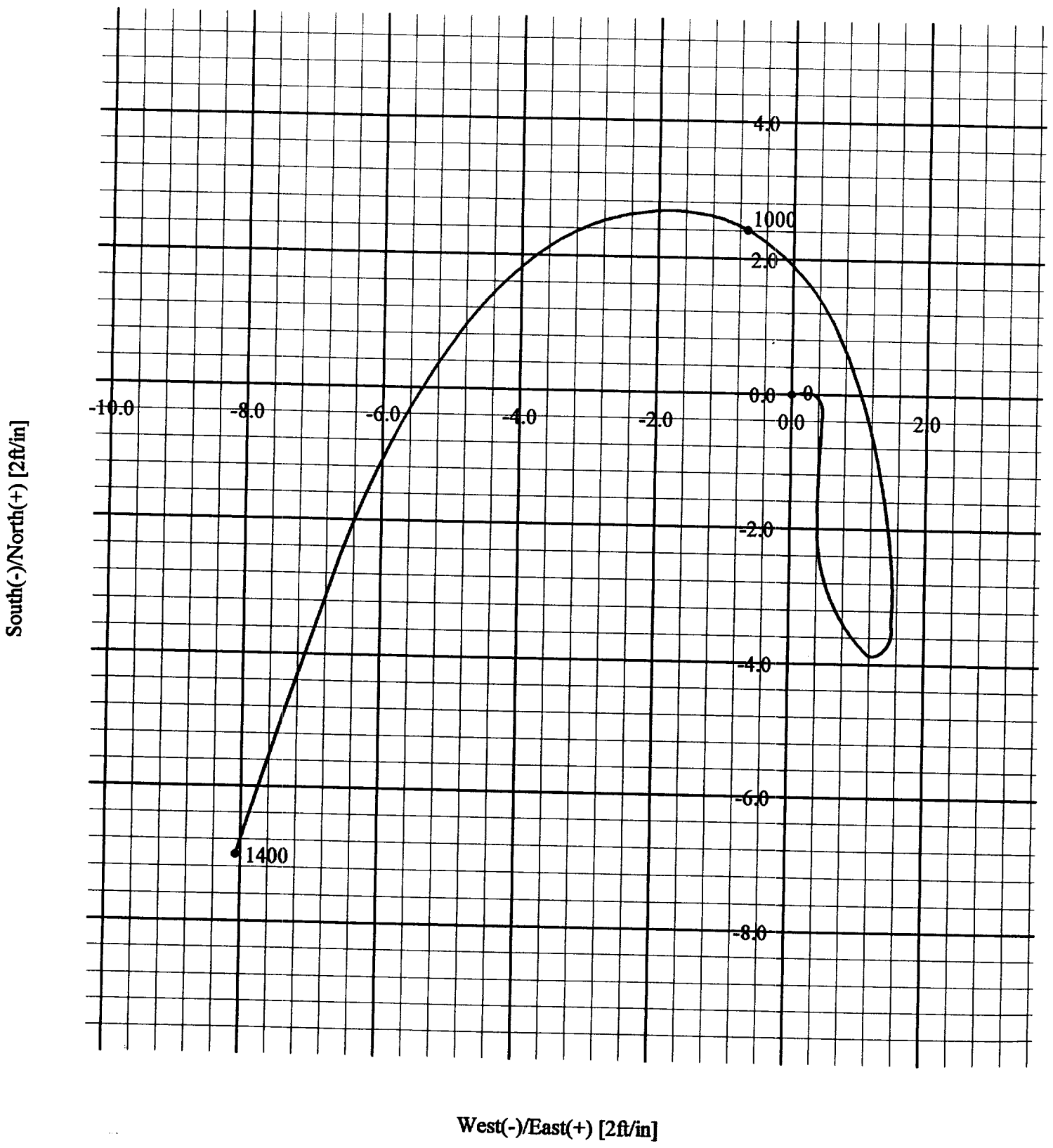
MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
8247.0	10.90	352.50	8095.5	1338.9	1317.3			
8435.0	8.70	349.50	8280.7	1370.9	1348.9	-241.5	1339.2	349.61
8624.0	9.00	349.20	8467.5	1400.0	1377.5	-246.4	1371.2	349.65
8780.0	9.70	349.50	8621.4	1425.3	1402.4	-251.8	1400.3	349.64
8938.0	10.50	345.70	8777.0	1453.0	1429.4	-256.5	1425.6	349.64
						-262.4	1453.3	349.60
9124.0	10.50	351.80	8959.8	1486.8	1462.6			
9249.0	11.50	358.10	9082.5	1510.6	1486.3	-269.0	1487.2	349.58
9437.0	11.30	354.70	9266.8	1547.5	1523.4	-271.1	1510.9	349.66
9624.0	10.20	347.20	9450.6	1582.3	1557.8	-273.4	1547.8	349.83
9878.0	10.20	347.00	9700.6	1627.2	1601.6	-278.8	1582.5	349.85
						-288.8	1627.5	349.78



Scientific
Drilling

Field: Teas
Site: Lea County, NM
Well: Python 3 Federal #6
Wellpath: DH - Job #32D0701436

1/M
↑
All Angles Relative
To True North
True North: 0.00
Magnetic North: 0.00



DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer ED, Artesia, NM 88211-0718

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-102
Revised February 10, 1984
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025-35647	Pool Code 58960 96797	Pool Name Teas; Delaware
Property Code 25261	Property Name PYTHON 3 FEDERAL	Well Number 6
OGRID No. 015742	Operator Name NEARBURG PRODUCING CO.	Elevation 3576'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	3	20-S	33-E		1980	SOUTH	2510	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	3	20-S	33-E		4698' 4700'	NORTH S.	2250'	WEST	LEA
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No. 3632				2250'		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

