

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO

3002503105

5. Indicate Type of Lease

STATE ☒

FEE

6. State Oil / Gas Lease

739380

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL DRY OTHER

b. Type of Completion:

NEW WELL WORKOVER DEEPEN PLUG BACK DIFF RES. OTHER HORIZONTAL

2. Name of Operator

TEXACO EXPLORATION & PRODUCTION INC

3. Address of Operator

205 E. Bender, HOBBS, NM 88240

4. Well Location

Unit Letter J 2310 Feet From The SOUTH Line and 2310 Feet From The EAST Line
Section 7 Township 18S Range 35E NMPM LEA COUNTY

10. Date Soudded

12/20/00

11. Date T.D. Reached

1/31/01

12. Date Compl. (Ready to Prod.)

2/9/01

13. Elevations (DF & RKB, RT, GR, etc.)

3977'

14. Elev. Csghead

15. Total Depth

9882'

16. Plug Back T.D.

17. If Mult. Compl. How Many Zones?

18. Intervals

Drilled By

Rotary Tools

Cable Tools

19. Producing Interval(s) of this completion - Top, Bottom, Name

8478-8484' ABO

20. Was Directional Survey Made

YES

21. Type Electric and Other Logs Run

TDT LOG

22. Was Well Cored

No

23. CASING RECORD (Report all Strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
13 3/8"	48#	317'			
8 5/8"	32&24#	3325'	11"	1700 SX CIRC	
5 1/2"	15.5&17#	9100'	7 7/8"	400 SX	

24. LINER RECORD

25. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	8936'	

26. Perforation record (interval, size, and number)

9882-9700, 9700-9410, 9410-8490

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

9882-9700 23000 GALS 20% HCL 5000 GALS 2% KCL

9700-9410 2% KCL

9410-8490 20 PGF 20% HCL

28. PRODUCTION

Date First Production

2/19/01

Production Method (Flowing, gas lift, pumping - size and type pump)

PUMPING 2 1/2"X1 3/4"X24"

Well Status (Prod. or Shut-in)

PROD

Date of Test

2-28-01

Hours tested

24 HRS

Choke Size

Prod'n For

Test Period

Oil - Bbl.

22

Gas - MCF

23

Water - Bbl.

213

Gas - Oil Ratio

Flow Tubing Press.

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API -(Corr.)

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

Test Witnessed By

30. List Attachments

NOTARIZED DEVIATIONS

31. I hereby certify that the information on both sides of this form is true and complete to the best of my knowledge and belief

SIGNATURE

J. Denise Leake

TITLE

Engineering Assistant

DATE

4/24/01

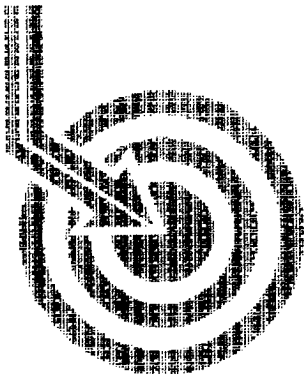
TYPE OR PRINT NAME

J. Denise Leake

Telephone No.

397-0405

3
75 HL G7-18S, 35E, 1668' FAL, 1671' FEL
3617 FAL



Scientific Drilling



TEXACO E & P INC.

Field: Vacuum Abo
Site: Lea County, NM
Well: New Mexico State "AN" #5
Wellpath: HH - Job #32D0101043
Survey: 1/23/01-1/31/01

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

David M. Noddy
.....Company Representative

Notorized this date _____ of _____, 2001.

Notary Signature
County of Midland
State of Texas

Scientific Drilling International

Survey Report

Company: TEXACO E & P INC.
Field: Vacuum Abo
Site: Lea County, NM
Well: New Mexico State "AN" #5
Wellpath: VH - Job #32K0101041

Date: 4/10/2001 **Time:** 15:10:36 **Page:** 1
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,26.5Azi)
Survey Calculation Method: Minimum Curvature

Survey: 1/22/01
 KSRG 0'-8478'

Start Date: 4/10/2001

Company: Scientific Drilling International
Tool: KEEPER

Engineer: Jon Valenzuela

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClbD ft	ClbA deg
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.00
100.0	0.43	336.26	100.0	0.2	0.3	-0.2	0.4	336.26
200.0	0.22	284.68	200.0	0.4	0.7	-0.5	0.9	326.45
300.0	0.31	13.28	300.0	0.7	1.0	-0.6	1.2	329.73
400.0	0.30	10.79	400.0	1.2	1.6	-0.5	1.6	342.30
500.0	0.27	18.83	500.0	1.7	2.0	-0.4	2.1	349.62
600.0	0.34	11.93	600.0	2.2	2.6	-0.2	2.6	354.70
700.0	0.26	342.38	700.0	2.6	3.1	-0.2	3.1	355.43
800.0	0.28	341.50	800.0	3.0	3.5	-0.4	3.5	353.65
900.0	0.21	340.69	900.0	3.3	3.9	-0.5	4.0	352.31
1000.0	0.30	349.92	1000.0	3.6	4.4	-0.6	4.4	351.69
1100.0	0.25	344.49	1100.0	4.0	4.8	-0.7	4.9	351.27
1200.0	0.18	335.39	1200.0	4.2	5.2	-0.9	5.2	350.52
1300.0	0.19	332.06	1300.0	4.4	5.5	-1.0	5.6	349.55
1400.0	0.28	4.25	1400.0	4.8	5.9	-1.1	5.9	349.67
1500.0	0.40	25.59	1500.0	5.3	6.4	-0.9	6.5	352.03
1600.0	0.38	20.28	1600.0	6.0	7.0	-0.6	7.1	354.87
1700.0	0.51	25.26	1700.0	6.8	7.7	-0.3	7.8	357.58
1800.0	0.50	17.58	1800.0	7.7	8.6	0.0	8.6	359.96
1900.0	0.49	12.68	1900.0	8.5	9.4	0.2	9.4	1.34
2000.0	0.47	10.97	2000.0	9.3	10.2	0.4	10.2	2.20
2100.0	0.28	334.86	2100.0	9.9	10.8	0.4	10.9	1.94
2200.0	0.28	331.28	2200.0	10.2	11.3	0.1	11.3	0.74
2300.0	0.43	312.38	2300.0	10.4	11.7	-0.2	11.8	358.78
2400.0	0.59	308.66	2400.0	10.6	12.3	-0.9	12.4	355.69
2500.0	0.63	309.40	2500.0	10.8	13.0	-1.8	13.1	352.31
2600.0	0.61	311.32	2599.9	11.1	13.7	-2.6	13.9	349.33
2700.0	0.50	321.57	2699.9	11.4	14.4	-3.3	14.7	347.27
2800.0	0.49	325.39	2799.9	11.8	15.1	-3.8	15.5	345.98
2900.0	0.53	324.05	2899.9	12.2	15.8	-4.3	16.4	344.85
3000.0	0.52	323.00	2999.9	12.7	16.5	-4.8	17.2	343.74
3100.0	0.51	305.44	3099.9	12.9	17.2	-5.5	18.0	342.35
3200.0	0.75	309.79	3199.9	13.1	17.8	-6.3	18.9	340.48
3300.0	1.10	312.74	3299.9	13.6	18.9	-7.5	20.4	338.28
3400.0	1.16	311.40	3399.9	14.1	20.2	-9.0	22.1	336.02
3500.0	1.14	308.95	3499.9	14.6	21.5	-10.5	24.0	333.93
3600.0	1.22	309.39	3599.8	15.0	22.8	-12.1	25.8	332.02
3700.0	1.22	310.62	3699.8	15.5	24.2	-13.8	27.8	330.38
3800.0	1.23	310.32	3799.8	16.0	25.6	-15.4	29.9	328.98
3900.0	1.22	309.41	3899.8	16.5	27.0	-17.0	31.9	327.72
4000.0	1.31	309.77	3999.8	17.0	28.4	-18.7	34.0	326.56
4100.0	1.32	308.76	4099.7	17.5	29.8	-20.5	36.2	325.48
4200.0	1.34	307.41	4199.7	18.0	31.2	-22.3	38.4	324.45
4300.0	1.58	314.27	4299.7	18.6	32.9	-24.2	40.9	323.63
4400.0	1.72	317.95	4399.6	19.6	35.0	-26.2	43.7	323.14
4500.0	1.88	321.99	4499.6	20.9	37.4	-28.3	46.9	322.93
4600.0	1.93	320.68	4599.5	22.3	40.0	-30.3	50.2	322.83
4700.0	1.97	320.21	4699.5	23.6	42.6	-32.5	53.6	322.67

Scientific Drilling International

Survey Report

Company: TEXACO E & P INC.
Field: Vacuum Abo
Site: Lea County, NM
Well: New Mexico State "AN" #5
Wellpath: VH - Job #32K0101041

Date: 4/10/2001 **Time:** 15:10:38 **Page:** 2
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, 26.5Azi)
Survey Calculation Method: Minimum Curvature

Survey

MD ft	Incl deg	Azimuth deg	TVD ft	VS ft	N/S ft	E/W ft	ChD ft	ChA deg
4800.0	2.06	319.66	4799.4	25.0	45.3	-34.8	57.1	322.51
4900.0	2.13	319.67	4899.3	26.5	48.1	-37.1	60.8	322.33
5000.0	2.29	320.16	4999.3	28.0	51.0	-39.6	64.6	322.19
5100.0	2.44	329.92	5099.2	30.0	54.4	-42.0	68.7	322.37
5200.0	2.53	328.75	5199.1	32.3	58.2	-44.2	73.0	322.78
5300.0	2.52	327.56	5299.0	34.6	61.9	-46.5	77.4	323.09
5400.0	2.51	324.76	5398.9	36.8	65.5	-48.9	81.8	323.25
5500.0	2.49	325.47	5498.8	38.9	69.1	-51.4	86.2	323.35
5600.0	2.61	326.28	5598.7	41.1	72.8	-53.9	90.6	323.47
5700.0	2.69	326.15	5698.6	43.4	76.6	-56.5	95.2	323.60
5800.0	2.76	325.35	5798.5	45.7	80.6	-59.2	100.0	323.71
5900.0	2.85	326.15	5898.4	48.1	84.6	-61.9	104.9	323.80
6000.0	2.92	327.11	5998.2	50.6	88.8	-64.7	109.9	323.93
6100.0	3.05	335.12	6098.1	53.6	93.4	-67.2	115.0	324.26
6200.0	3.26	336.06	6197.9	57.1	98.4	-69.5	120.4	324.77
6300.0	3.43	336.07	6297.8	60.8	103.7	-71.8	126.2	325.29
6400.0	3.31	335.96	6397.6	64.5	109.1	-74.2	131.9	325.77
6500.0	3.14	335.39	6497.4	68.1	114.2	-76.5	137.5	326.17
6600.0	2.94	336.07	6597.3	71.4	119.1	-78.7	142.7	326.52
6700.0	3.05	336.38	6697.2	74.8	123.8	-80.8	147.9	326.87
6800.0	3.04	334.55	6797.0	78.1	128.7	-83.0	153.1	327.16
6900.0	2.95	335.70	6896.9	81.4	133.4	-85.2	158.3	327.42
7000.0	3.21	335.38	6996.7	84.7	138.3	-87.5	163.6	327.69
7100.0	3.48	334.85	7096.6	88.4	143.6	-89.9	169.4	327.94
7200.0	3.76	335.42	7196.4	92.3	149.3	-92.6	175.7	328.20
7300.0	4.02	333.50	7296.1	96.5	155.4	-95.5	182.4	328.43
7400.0	4.08	333.13	7395.9	100.7	161.7	-98.7	189.5	328.62
7500.0	4.23	333.29	7495.6	105.1	168.2	-101.9	196.7	328.78
7600.0	4.22	335.57	7595.4	109.6	174.9	-105.1	204.0	328.99
7700.0	4.21	336.58	7695.1	114.3	181.6	-108.1	211.3	329.23
7800.0	4.37	335.92	7794.8	119.0	188.4	-111.1	218.7	329.47
7900.0	4.58	338.07	7894.5	124.1	195.6	-114.2	226.5	329.73
8000.0	4.92	338.47	7994.2	129.6	203.3	-117.2	234.7	330.03
8100.0	4.80	339.84	8093.8	135.4	211.2	-120.2	243.0	330.35
8200.0	4.86	340.73	8193.4	141.2	219.1	-123.1	251.3	330.68
8300.0	4.85	339.30	8293.1	147.0	227.1	-126.0	259.7	330.98
8400.0	5.03	341.93	8392.7	153.0	235.2	-128.8	268.2	331.29
8446.0	5.41	343.17	8438.5	156.0	239.2	-130.1	272.3	331.46

Scientific Drilling International

Survey Report

Company: TEXACO E & P INC. Field: Vacuum Abo Site: Lea County, NM Well: New Mexico State "AN" #5 Well path: HH - Job #32D0101043	Date: 4/10/2001 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,26.5Azi) Survey Calculation Method: Minimum Curvature	Page: 1
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Survey: 1/23/01-1/31/01
 S/T 8515'-9882'

Start Date: 4/10/2001

Company: Scientific Drilling International
Tool: S/T

Engineer: Bill Lamb

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
8446.0	5.41	343.17	8438.5	156.0	239.2	-130.1	272.3	331.46
8478.0	5.41	343.17	8470.4	158.2	242.1	-130.9	275.2	331.59
8515.0	18.30	20.50	8506.5	165.3	249.2	-129.4	280.8	332.56
8545.0	30.90	23.00	8533.8	177.7	260.8	-124.7	289.1	334.44
8575.0	43.70	23.40	8557.6	195.8	277.5	-117.6	301.3	337.04
8609.0	57.80	26.70	8579.0	222.1	301.2	-106.4	319.5	340.55
8640.0	70.50	31.40	8592.5	249.9	325.5	-92.8	338.5	344.08
8672.0	82.50	37.60	8600.0	280.6	351.1	-75.2	359.0	347.91
8704.0	86.60	40.10	8603.0	311.7	375.9	-55.2	379.9	351.64
8735.0	91.00	39.90	8603.7	341.9	399.6	-35.3	401.2	354.95
8767.0	95.50	39.40	8601.9	373.0	424.2	-14.9	424.5	357.98
8798.0	100.20	39.00	8597.6	402.9	448.0	4.5	448.0	0.57
8828.0	104.20	38.40	8591.3	431.6	470.9	22.8	471.4	2.77
8862.0	108.30	37.00	8581.8	463.6	496.7	42.8	498.5	4.92
8893.0	108.10	37.80	8572.1	492.5	520.1	60.7	523.6	6.65
8925.0	109.90	37.50	8561.7	522.2	544.0	79.1	549.8	8.28
8957.0	110.30	38.70	8550.7	551.6	567.7	97.7	576.0	9.76
8988.0	110.40	38.60	8539.9	580.0	590.4	115.8	601.6	11.10
9019.0	109.60	36.00	8529.3	608.7	613.6	133.5	627.9	12.27
9050.0	109.40	35.60	8519.0	637.5	637.3	150.6	654.8	13.29
9082.0	106.00	35.40	8509.2	667.6	662.1	168.3	683.1	14.26
9114.0	102.50	36.30	8501.4	698.2	687.2	186.4	712.0	15.18
9146.0	99.10	36.80	8495.4	729.1	712.5	205.2	741.4	16.06
9177.0	95.40	36.30	8491.5	759.4	737.2	223.5	770.3	16.86
9209.0	91.70	36.50	8489.5	790.9	762.9	242.4	800.4	17.63
9241.0	88.60	35.40	8489.4	822.4	788.8	261.2	830.9	18.32
9273.0	86.10	34.10	8490.9	854.1	815.0	279.4	861.6	18.92
9304.0	86.40	34.50	8492.9	884.7	840.6	296.8	891.5	19.45
9336.0	84.30	35.40	8495.5	916.3	866.7	315.1	922.2	19.98
9367.0	80.30	34.60	8499.6	946.6	891.9	332.7	951.9	20.46
9399.0	80.70	34.80	8504.9	977.9	917.8	350.7	982.5	20.91
9431.0	81.10	34.90	8510.0	1009.1	943.8	368.8	1013.2	21.34
9457.0	81.50	32.70	8513.9	1034.6	965.1	383.1	1038.3	21.65
9489.0	84.10	34.50	8517.9	1066.1	991.5	400.6	1069.4	22.00
9520.0	83.80	34.90	8521.2	1096.6	1016.9	418.2	1099.5	22.35
9552.0	84.60	35.00	8524.4	1128.1	1043.0	436.4	1130.6	22.71
9584.0	86.10	38.00	8527.0	1159.5	1068.6	455.4	1161.6	23.08
9615.0	86.30	38.40	8529.1	1189.8	1092.9	474.5	1191.5	23.47
9647.0	86.80	38.00	8531.0	1221.1	1118.0	494.3	1222.4	23.85
9678.0	87.20	37.70	8532.6	1251.5	1142.5	513.3	1252.5	24.19
9710.0	88.00	37.40	8534.0	1282.8	1167.8	532.7	1283.6	24.52
9742.0	86.10	36.80	8535.6	1314.2	1193.3	552.0	1314.8	24.82
9773.0	86.00	36.90	8537.7	1344.7	1218.1	570.6	1345.1	25.10
9805.0	84.10	39.30	8540.5	1375.9	1243.1	590.2	1376.1	25.40
9837.0	84.50	39.40	8543.7	1406.9	1267.8	610.4	1407.1	25.71
9882.0	84.90	39.50	8547.8	1450.6	1302.4	638.9	1450.6	26.13



Scientific
Drilling

Field: Vacuum Abo
Site: Lea County, NM
Well: New Mexico State "AN" #5
Wellpath: HH - Job #32D0101043
Survey: 1/23/01-1/31/01

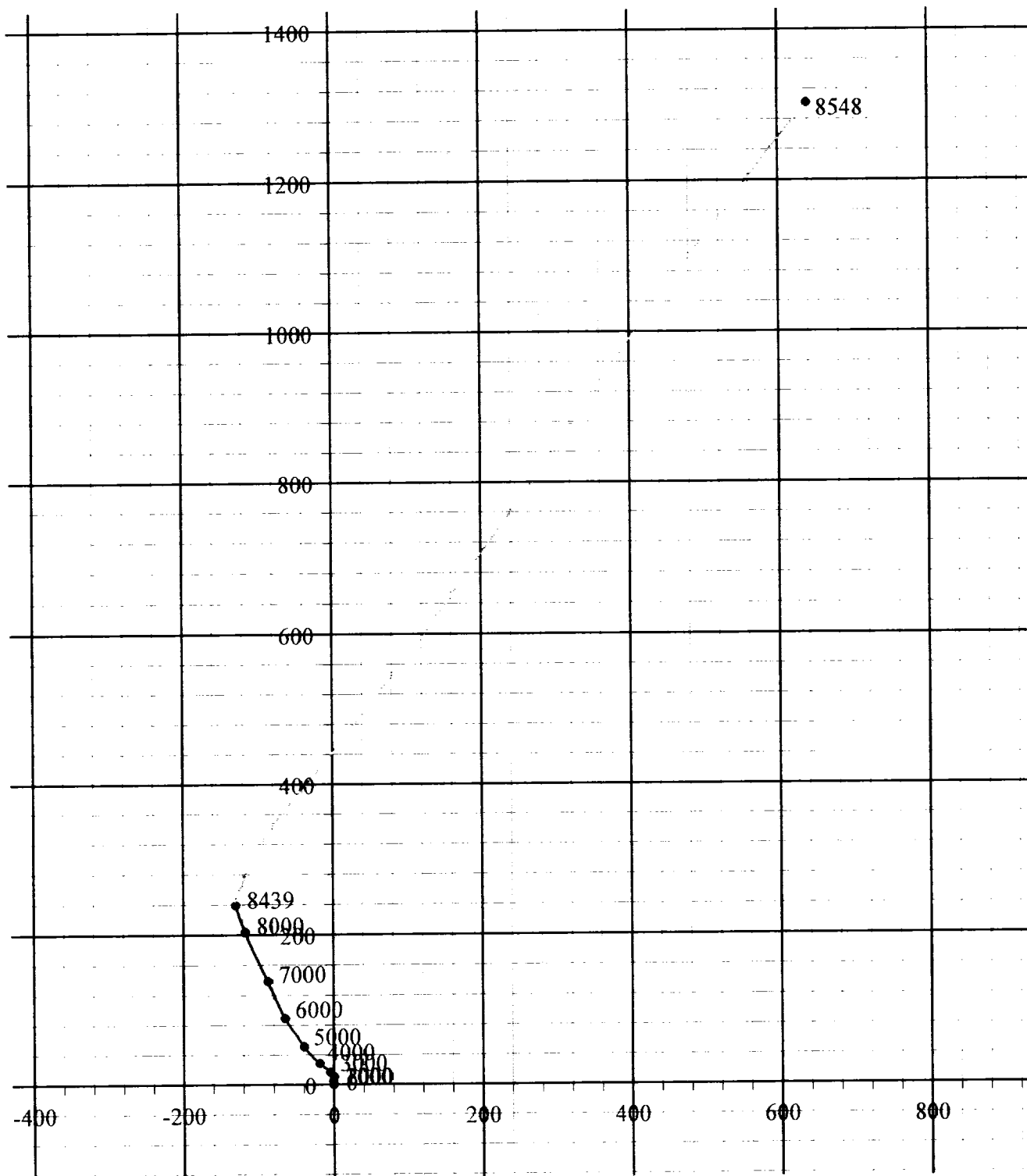
T/M



All Angles Relative
To True North

True North: 0.00
Magnetic North: 0.00

South(-)/North(+) [200ft/in]



West(-)/East(+) [200ft/in]

SCIENTIFIC DRILLING

HORIZONTAL SURVEY PROGRAM
MINIMUM CURVATURE CALCULATIONS(SPE-3362)

OPERATOR: TEXACO E. & P., INC

WELL: STATE "AN" #5

LOCATION: LEA COUNTY, NEW MEXICO

JOB NO: 32D0101043

START:

FINISH:

INFORMATION PROVIDED BY: SDI

DIR. COORDINATORS: B. LAMB - D. JOHNS

DIP1 = -3.93 deg = 86.07 deg
DIP2 = -3.93 deg = 86.07
TARGET1 = 8501.20 ft TVD
TARGET2 = 8546.60 ft TVD
VS1 = 801.00 ft
VS2 = 1450.00 ft

DATE: 1/31/01 TIME: 13:35 DECLINATION= 8.62
DIRECTION: 26.50

SVY #	MEASURED DEPTH	INCL (DRIFT)	AZIMUTH (DIR)	TRUE		CENTER		NORTH(+) SOUTH(-)	EAST(+) WEST(-)
				VERTICAL DEPTH	VERTICAL SECTION	DLS/ 100	ACTUAL BUR	ABOVE(+) BELOW(-)	RIGHT(+) LEFT(-)
24	9241	88.60	35.40	8489.41	822.46	10.3	-9.7	13.3	-118.2
25	9273	86.10	34.10	8490.89	854.09	8.8	-7.8	14.0	-113.6
26	9304	86.40	34.50	8492.92	884.74	1.6	1.0	14.0	-109.4
27	9336	84.30	35.40	8495.51	916.28	7.1	-6.6	13.6	-104.7
28	9367	80.30	34.60	8498.67	946.66	13.2	-12.9	11.5	-100.1
29	9399	80.70	34.80	8504.95	977.90	1.4	1.3	8.4	-95.6
30	9431	81.10	34.80	8510.01	1009.16	1.3	1.2	5.5	-91.0
31	9457	81.50	32.70	8513.94	1034.65	8.5	1.5	3.3	-87.8
32	9489	84.10	34.50	8517.96	1066.15	9.9	8.1	1.5	-83.9
33	9520	83.80	34.90	8521.22	1086.66	1.6	-1.0	0.3	-79.5
34	9552	84.60	35.00	8524.46	1128.16	2.5	2.5	-0.8	-74.8
35	9584	86.10	38.00	8527.05	1159.56	10.5	4.7	-1.2	-69.2
36	9615	86.30	38.40	8529.10	1189.85	1.4	0.6	-1.2	-63.0
37	9647	86.80	38.00	8531.03	1221.13	2.0	1.6	-1.0	-56.5
38	9678	87.20	37.70	8532.65	1251.49	1.6	1.3	-0.5	-50.4
39	9710	86.00	37.40	8533.99	1282.86	2.7	2.6	0.3	-44.3
40	9742	86.10	36.80	8535.64	1314.27	6.2	-5.9	0.8	-38.4
41	9773	86.00	36.90	8537.77	1344.69	0.5	-0.3	0.8	-32.8
42	9805	84.10	39.30	8540.54	1375.92	9.5	-5.9	0.2	-26.4
43	9837	84.50	39.40	8543.71	1406.96	1.3	1.3	-0.9	-19.3
TD	9882	84.90	39.50	8547.87	1450.63	0.9	0.9	-1.2	-9.3

DISTRICT I

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

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-10 2

Revised February 10, 1999

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

✓ AMENDED REPORT

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 3002503105	2 Pool Code 61780	3 Pool Name VACUUM ABO REEF
4 Property Code 011093	5 Property Name STATE -AN-	6 Well No. 5
7 OGRID Number 022351	8 Operator Name TEXACO EXPLORATION & PRODUCTION INC.	9 Elevation 3977'

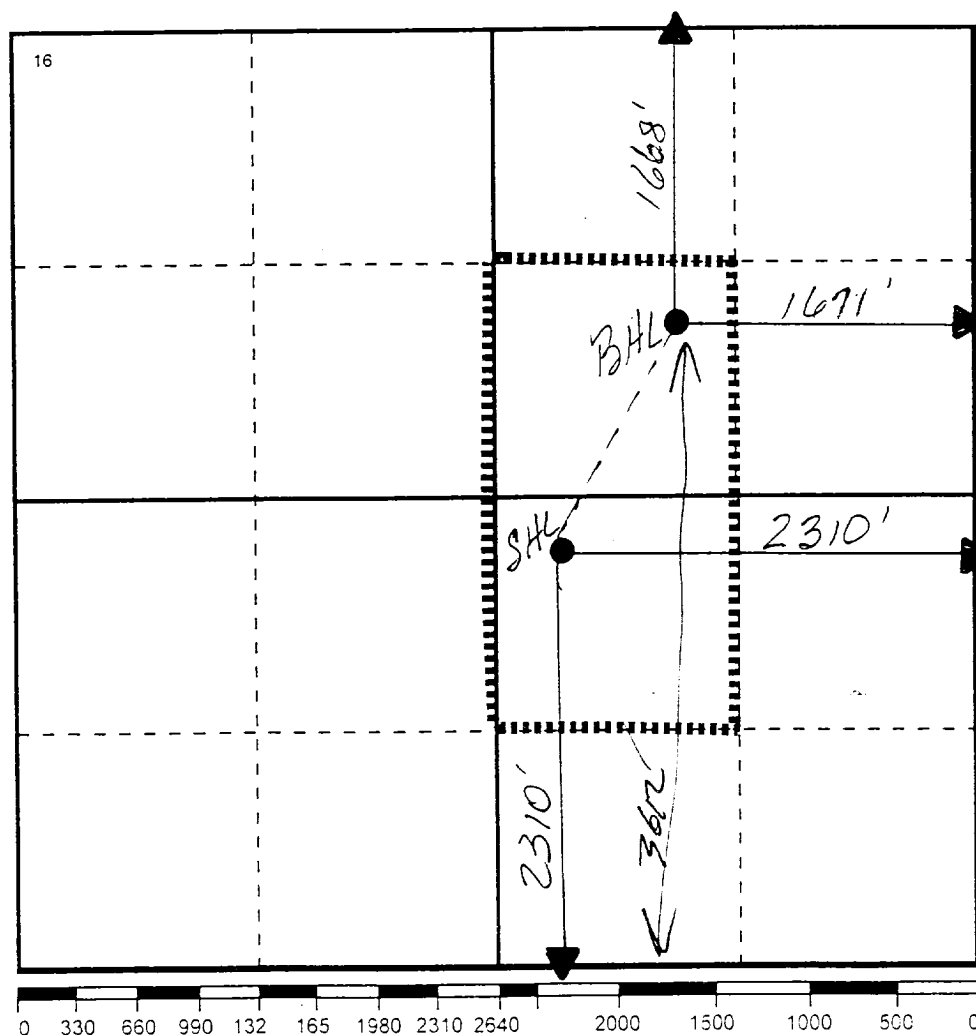
10 Surface Location

UI or lot no	Section	Township	Range	Lot Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
J	7	18S	35E		2310	SOUTH	2310	EAST	LEA

11 Bottom Hole Location If Different From Surface

UI or lot no	Section	Township	Range	Lot Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
G	7	18S	35E		3612' 1668'	NORTH S	1671'	EAST	LEA
12 Dedicated Acre 80	13 Joint or Infill No	14 Consolidation Code	15 Order No.						

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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

J. Denise Leake

Printed Name

J. Denise Leake

Position

Engineering Assistant

Date

4-24-01

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Signature & Seal of

Professional Surveyor

Certificate No.