

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.

30 025 06611

5. Indicate Type of Lease

STATE ☒ FEE

6. State Oil / Gas Lease

781470

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

BHL: A, 15, 21S, 31E, 975' FNL, 1059' FEL

Unit Letter C 660 Feet From The NORTH Line and 2080 Feet From The WEST Line
Section 15 Township 21S Range 37E NMPM LEA COUNTY

10. Date Spudded

2/8/01

11. Date T.D. Reached

3/1/01

12. Date Compl. (Ready to Prod.)

3/16/01

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

3459'

14. Elev. Csghead

15. Total Depth

6085

16. Plug Back T.D.

5730

17. If Mult. Compl. How Many Zones?

18. Intervals

Rotary Tools

Cable Tools

Drilled By

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

3873-3879' PENROSE SKELLY GRAYBURG

20. Was Directional Survey Made

YES

21. Type Electric and Other Logs Run

ULTRA SONIC CMT IMAGER, TDT,

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
			NO CHANGE		

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	4063'	

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

3873-3879'

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

DEPTH INTERVAL

3873-3879'

AMOUNT AND KIND MATERIAL USED

ACIDIZE W/4000 GALS 20% HCL

28.

PRODUCTION

Date First Production

3/29/01

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

PUMPING 1 3/4" X25'

Well Status (Prod. or Shut-in)

PROD

Date of Test

3-31-01

Hours tested

24 HRS

Choke Size

Prod'n For

Test Period

Oil - Bbl.

105

Gas - MCF

100

Water - Bbl.

42

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

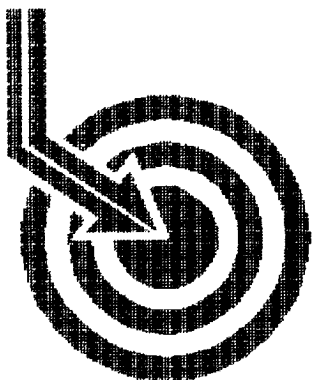
DATE

6/5/01

TYPE OR PRINT NAME

J. Denise Leake

Telephone No. 397-0405



Scientific Drilling



TEXACO E & P INC.

Field: Skelly Penrose
Site: Lea County, NM
Well: State S #4H
Wellpath: HH - Job #32D0201097
Survey: 2/20/01-3/1/01

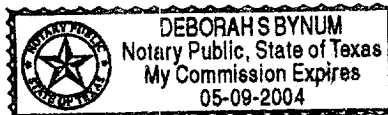
This survey is correct to the best of my knowledge
and is supported by actual field data.

Scott Newell Company Representative

Notorized this date 24th of May, 2001.

Deborah Sue Bynum

Notary Signature
County of Midland
State of Texas



Scientific Drilling International Survey Report

Company: TEXACO E & P INC.
Field: Skelly Penrose
Site: Lea County, NM
Well: State S #4H
Wellpath: VH - Job #32K0201096

Date: 5/23/2001 **Time:** 13:40:12 **Page:** 1
Co-ordinate(N/E) 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, 98.5Az)
Survey Calculation Method: Minimum Curvature

Survey: 2/20/01
 KSRG 0'-3840'

Start Date: 5/23/2001

Company: Scientific Drilling Internatio
Tool:

Engineer: Gary DeSpain

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.0	0.00
100.0	0.25	52.35	100.0	0.2	0.1	0.2	0.2	52.35
200.0	0.23	42.13	200.0	0.4	0.4	0.5	0.6	49.13
300.0	0.13	76.56	300.0	0.6	0.6	0.7	0.9	50.84
400.0	0.26	54.82	400.0	0.9	0.7	1.0	1.3	53.78
500.0	0.11	336.24	500.0	1.0	1.0	1.2	1.5	50.39
600.0	0.09	157.24	600.0	1.0	1.0	1.2	1.5	49.74
700.0	0.08	269.52	700.0	1.0	0.9	1.1	1.4	50.94
800.0	0.12	121.75	800.0	1.0	0.9	1.1	1.4	53.17
900.0	0.11	75.88	900.0	1.2	0.8	1.3	1.6	58.14
1000.0	0.16	102.18	1000.0	1.4	0.8	1.6	1.8	62.27
1100.0	0.20	116.19	1100.0	1.7	0.7	1.8	2.0	68.97
1200.0	0.25	157.40	1200.0	2.0	0.4	2.1	2.1	78.33
1300.0	0.17	179.92	1300.0	2.1	0.1	2.2	2.2	87.87
1400.0	0.04	200.41	1400.0	2.1	-0.1	2.2	2.2	92.67
1500.0	0.29	138.08	1500.0	2.3	-0.3	2.3	2.3	97.91
1600.0	0.39	113.28	1600.0	2.9	-0.6	2.8	2.9	102.98
1700.0	0.32	126.40	1700.0	3.4	-0.9	3.3	3.5	105.82
1800.0	0.29	122.60	1800.0	3.9	-1.2	3.8	4.0	108.29
1900.0	0.55	116.63	1900.0	4.6	-1.6	4.4	4.7	109.91
2000.0	0.47	116.68	2000.0	5.4	-2.0	5.2	5.6	110.98
2100.0	0.39	115.55	2100.0	6.2	-2.3	5.9	6.3	111.60
2200.0	0.47	98.56	2200.0	6.9	-2.5	6.6	7.1	111.04
2300.0	0.52	89.16	2300.0	7.8	-2.6	7.5	7.9	109.16
2400.0	0.49	91.91	2400.0	8.6	-2.6	8.3	8.7	107.31
2500.0	0.46	95.48	2500.0	9.5	-2.7	9.2	9.5	106.14
2600.0	0.41	97.23	2600.0	10.2	-2.7	9.9	10.3	105.41
2700.0	0.34	93.67	2700.0	10.9	-2.8	10.6	10.9	104.83
2800.0	0.15	114.28	2800.0	11.3	-2.9	11.0	11.4	104.65
2900.0	0.26	152.95	2900.0	11.5	-3.1	11.2	11.6	105.59
3000.0	0.20	146.49	3000.0	11.8	-3.5	11.4	11.9	106.94
3100.0	0.19	153.69	3100.0	12.0	-3.8	11.6	12.2	108.03
3200.0	0.32	137.15	3200.0	12.3	-4.1	11.8	12.5	109.20
3300.0	0.31	153.03	3300.0	12.7	-4.6	12.2	13.0	110.60
3400.0	0.39	152.88	3400.0	13.0	-5.1	12.4	13.4	112.36
3500.0	0.44	147.37	3499.9	13.5	-5.7	12.8	14.0	114.16
3600.0	0.55	145.71	3599.9	14.1	-6.5	13.3	14.8	115.95
3700.0	0.77	144.80	3699.9	14.9	-7.4	13.9	15.8	118.00
3800.0	0.98	142.89	3799.9	15.9	-8.6	14.8	17.2	120.21
3840.0	1.17	145.01	3839.9	16.5	-9.2	15.3	17.8	121.18

Scientific Drilling International

Survey Report

Company: TEXACO E & P INC.
Field: Skelly Penrose
Site: Lea County, NM
Well: State S #4H
Wellpath: HH - Job #32D0201097

Date: 5/23/2001
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,98.5Azi)
Survey Calculation Method: Minimum Curvature

Page: 1

Survey: 2/20/01-3/1/01
 MWD 3871'-6085'

Start Date: 5/23/2001

Company: SDI w/Unidril
Tool: MWD

Engineer: Brusenhan/Pinson

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	ClsD ft	ClsA deg
3840.0	1.17	145.01	3839.9	16.5	-9.2	15.3	17.8	121.18
3871.0	1.17	145.01	3870.9	16.9	-9.8	15.6	18.4	121.98
3904.0	18.80	105.80	3903.3	22.5	-11.5	21.0	23.9	118.72
3924.0	30.90	104.00	3921.4	30.8	-13.6	29.1	32.1	115.09
3934.0	36.20	102.30	3929.7	36.3	-14.9	34.5	37.6	113.34
3944.0	41.50	99.90	3937.5	42.6	-16.1	40.6	43.7	111.59
3954.0	47.20	97.20	3944.7	49.6	-17.1	47.5	50.5	109.79
3964.0	52.80	97.00	3951.1	57.2	-18.1	55.1	58.0	108.13
3974.0	58.60	96.40	3956.7	65.5	-19.0	63.3	66.1	106.71
3984.0	64.40	94.60	3961.5	74.2	-19.9	72.1	74.8	105.40
3992.0	69.70	93.50	3964.6	81.6	-20.4	79.4	82.0	104.38
4032.0	89.10	89.40	3971.9	120.4	-21.3	118.5	120.4	100.19
4042.0	89.90	87.80	3972.0	130.2	-21.1	128.5	130.3	99.31
4052.0	90.80	86.60	3972.0	140.0	-20.6	138.5	140.0	98.45
4063.0	92.60	85.20	3971.6	150.8	-19.8	149.5	150.8	97.54
4095.0	96.00	83.30	3969.2	181.7	-16.6	181.2	182.0	95.23
4126.0	96.40	85.80	3965.9	211.6	-13.7	211.9	212.4	93.69
4158.0	97.10	88.20	3962.1	242.7	-12.0	243.6	243.9	92.82
4190.0	96.30	93.20	3958.4	274.2	-12.4	275.4	275.7	92.58
4221.0	94.60	96.30	3955.5	305.0	-15.0	306.2	306.5	92.80
4253.0	95.30	97.80	3952.7	336.9	-18.9	337.8	338.3	93.20
4285.0	95.70	100.80	3949.6	368.7	-24.0	369.2	370.0	93.72
4316.0	95.80	101.60	3946.5	399.5	-30.0	399.5	400.6	94.30
4348.0	94.00	101.80	3943.8	431.4	-36.5	430.7	432.2	94.84
4380.0	94.10	101.40	3941.5	463.2	-42.9	462.0	464.0	95.30
4411.0	94.20	100.90	3939.3	494.1	-48.9	492.3	494.7	95.67
4442.0	91.90	101.00	3937.6	525.1	-54.8	522.7	525.6	95.98
4474.0	91.70	100.50	3936.6	557.0	-60.7	554.1	557.4	96.25
4505.0	91.30	100.30	3935.8	588.0	-66.3	584.6	588.4	96.47
4537.0	90.80	100.00	3935.2	620.0	-71.9	616.1	620.3	96.66
4568.0	90.40	99.80	3934.9	651.0	-77.3	646.6	651.2	96.82
4600.0	90.30	100.60	3934.7	682.9	-82.9	678.1	683.2	96.97
4632.0	94.30	100.20	3933.4	714.9	-88.7	709.6	715.1	97.13
4663.0	94.00	101.00	3931.2	745.8	-94.4	740.0	746.0	97.27
4695.0	93.80	100.40	3929.0	777.7	-100.3	771.3	777.8	97.41
4727.0	94.80	100.30	3926.6	809.6	-105.1	802.7	809.7	97.53
4758.0	96.40	99.90	3923.6	840.4	-111.5	833.1	840.5	97.62
4790.0	96.50	99.30	3920.0	872.2	-115.8	864.4	872.3	97.69
4822.0	96.40	98.90	3916.4	904.0	-121.8	895.8	904.1	97.74
4853.0	95.60	99.10	3913.2	934.8	-125.6	926.3	934.9	97.78
4884.0	95.40	99.10	3910.2	965.7	-131.5	956.8	965.8	97.83
4916.0	95.00	99.30	3907.3	997.6	-136.6	988.2	997.6	97.87
4948.0	94.90	99.30	3904.5	1029.4	-141.8	1019.7	1029.5	97.91
4979.0	94.70	99.20	3901.9	1060.3	-146.7	1050.2	1060.4	97.95
5011.0	93.70	99.10	3899.6	1092.2	-151.8	1081.7	1092.3	97.99
5045.0	92.80	99.40	3897.7	1126.2	-157.3	1115.2	1126.2	98.03
5076.0	94.40	99.60	3895.7	1157.1	-162.4	1145.7	1157.1	98.07
5107.0	94.70	99.80	3893.3	1188.0	-167.6	1176.2	1188.0	98.11

Scientific Drilling International

Survey Report

Company: TEXACO E & P INC.
Field: Skelly Penrose
Site: Lea County, NM
Well: State S #4H
Wellpath: HH - Job #32D0201097

Date: 5/23/2001
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,98.5Azi)
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
5139.0	94.90	99.80	3890.6	1219.9	-173.0	1207.6	1219.9	98.15
5174.0	95.00	99.30	3887.6	1254.7	-178.8	1242.0	1254.8	98.19
5202.0	94.10	99.10	3885.3	1282.7	-183.2	1269.5	1282.7	98.21
5234.0	93.90	98.60	3883.1	1314.6	-188.2	1301.1	1314.6	98.23
5265.0	91.80	98.30	3881.6	1345.5	-192.7	1331.7	1345.6	98.23
5297.0	92.30	98.50	3880.4	1377.5	-197.4	1363.3	1377.5	98.24
5329.0	93.20	98.70	3878.9	1409.5	-202.2	1394.9	1409.5	98.25
5360.0	94.30	98.80	3876.9	1440.4	-206.9	1425.5	1440.4	98.26
5392.0	92.80	98.50	3874.9	1472.4	-211.7	1457.1	1472.4	98.27
5423.0	92.90	98.10	3873.3	1503.3	-216.1	1487.7	1503.3	98.27
5455.0	93.50	97.80	3871.5	1535.3	-220.6	1519.4	1535.3	98.26
5486.0	93.70	98.00	3869.6	1566.2	-224.8	1550.0	1566.2	98.25
5518.0	93.80	97.70	3867.5	1598.1	-229.2	1581.6	1598.1	98.24
5535.0	94.00	97.40	3866.3	1615.1	-231.4	1598.4	1615.1	98.24
5567.0	94.50	96.80	3864.0	1647.0	-235.3	1630.1	1647.0	98.21
5598.0	92.90	98.00	3862.0	1677.9	-239.3	1660.8	1677.9	98.20
5629.0	93.40	98.30	3860.3	1708.9	-243.7	1691.4	1708.9	98.20
5660.0	93.80	98.10	3858.3	1739.8	-248.1	1722.0	1739.8	98.20
5692.0	93.20	99.30	3856.4	1771.7	-253.0	1753.6	1771.8	98.21
5723.0	93.10	99.40	3854.7	1802.7	-258.0	1784.2	1802.7	98.23
5755.0	91.40	100.00	3853.4	1834.7	-263.4	1815.7	1834.7	98.25
5787.0	92.00	100.70	3852.5	1866.6	-269.1	1847.1	1866.6	98.29
5819.0	91.40	100.20	3851.5	1898.6	-274.9	1878.6	1898.6	98.33
5850.0	89.60	99.40	3851.2	1929.6	-280.2	1909.1	1929.6	98.35
5882.0	88.00	98.40	3851.9	1961.6	-285.1	1940.8	1961.6	98.36
5913.0	88.60	98.80	3852.8	1992.6	-289.8	1971.4	1992.6	98.36
5945.0	94.00	99.40	3852.1	2024.5	-294.8	2003.0	2024.5	98.37
5977.0	93.40	98.40	3850.0	2056.5	-299.8	2034.5	2056.5	98.38
6008.0	93.90	97.80	3848.1	2087.4	-304.1	2065.1	2087.4	98.38
6044.0	93.90	97.80	3845.6	2123.3	-309.0	2100.7	2123.3	98.37
6085.0	93.90	98.10	3842.8	2164.2	-314.7	2141.2	2164.2	98.36