

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Geology, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator <u>Texaco Exploration & Production</u>	
3. Address of Operator <u>15 Smith Road - Midland, Texas 79705</u>	
4. Well Location Unit Letter <u>H</u> : <u>1980</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>3</u> Township <u>18S</u> Range <u>34E</u> NMPM County <u>LEA</u>	
10. Elevation (Show whether DR, RKB, RT, GR, etc.)	

WELL API NO. <u>30-025-02285</u>
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: <u>West Vacuum Unit</u>
8. Well No. <u>49</u>
9. Pool name or Wildcat <u>Vacuum Grayburg San Andres</u>

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:		
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPLETION ☐	CASING TEST AND CEMENT JOB ☐	
OTHER: ☐	OTHER: <u>Horizontal Completion</u> ☒		

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

10-23-01 MIRU Key Rig 327.
10-24-01 Set CIRP @ 4330'. TTH to top of CIRP.
11-06-01 MIRU Key Rig 118. TTH on 2-7/8" ACH DP. Tag CIRP @ 4332' (make 2' correction) to 4330'. Pick up Smith whipstock and TTH. Pick up gyro and ran in hole.
11-07-01/11-10-01 Orient and set whipstock face at 349.6 az. Mill f/4317'-4323', 4326' (TOW @ 4317, BOW @ 4323), 4335', 4350', 4398', 4413', 4423', 4461', 4476', 4650', 4806', 4870', 4890', 4933', 4965', 5027', 5037', 5121', 5136', 5247', 5262', 5468', 5478', 5656'. RIH; set RBP @ 4200'. Rig released at 5:00 hrs 11/10/01.
11-22-01 MIRU service unit.
11-24-01 RIH with 79 jts of 3-1/2" L-80 tbg to 2500'.
11-25-01 RIH with 54 jts of 3-1/2" tbg to RBP @ 4200'. Pick up Baker full bore ea pkr and RIH with 133 jts 3-1/2" tbg with eating nipple above pkr; RIH to CIRP @ 4330'. Try to work bent sub into window at 4317-4323. RIH with BHA and pkr and 5 jts 3-1/2" tbg.

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

SIGNATURE Laura Skinner TITLE Regulatory Specialist DATE 2/6/02

Type or print name Laura A. Skinner Telephone No. 915-687-7355

(This space for State use)

APPROVED BY _____ TITLE ORIGINAL SIGNED BY PAUL F. NAUTZ PETROLEUM ENGINEER DATE MAR 06 2002
Conditions of approval, if any:

- 11-27-01 TIH with 3-1/2" frac string to 4330'; tag up on CIBP. TIH to 5619' with frac string. Set packer. Reset packer.
- 11-28-01 Acidize Abo lateral with 40,000 gals of 20% HCL and 5000 gals of WF130 down tbq. Acid to contain per 1000 gals 2 gals A166, 2 gals F103, 3 gals W53, 10 gals L63, 3 lbs A179, 2 gals J429, 2 gals L47. WF130 to contain per 1000 gals 2.2 gals J877, 2 gals L64, 1 gas F103. Acidize formation in 13 stages with 10,000 gals per stage of acid, 5000 gals per stage of WF130 and 1500 gals per stage of scale inhibitor.
- 12-04-01 MIRU Key 327. Rip up swab, open frac tree well on slight vacuum. Swab well.
- 12-06-01 Bail trash off top of CIBP @ 4334'. Knock CIBP loose and move downhole. TIH with 3/8" bit on 2-3/8" tbq. Bit depth at 1402'.
- 12-07-01 Tag CIBP @ 4370' and push to 4385'. TIH with 2-3/8" tbq. Push CIBP to 4815'. New PBTD for vertical portion of hole.
- 12-09-01 Pick up sub pump and related connections. Rig down pulling unit. Install flowline to wellhead.
- 12-14-01 **FINAL REPORT.** Pump test recovered 62 BO, 1124 BW, 53 MCFG.

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.

30 025 02285

5. Indicate Type Of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____

b. Type of Completion:

NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER Horizontal

2. Name of Operator

Texaco Exploration & Production

3. Address of Operator

15 Smith Road - Midland, Texas 79705

7. Lease Name or Unit Agreement Name

West Vacuum Unit

8. Well No.

49

9. Pool name or Wildcat

Vacuum Grayburg San Andres

4. Well Location

SUR Unit Letter H : 1980 Feet From The North Line and 660 Feet From The East Line
BHL: A 919/N & 659/E
Section 3 Township 18S Range 34E NMPM 1ea County

10. Date Spudded

10-27-01

11. Date T.D. Reached

11-10-01

12. Date Compl. (Ready to Prod.)

11-26-01

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

14. Elev. Casinghead

15. Total Depth

5656'

16. Plug Back T.D.

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

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

4317-4323 Grayburg

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

N/A

22. Was Well Cored

No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
NO CHANGE					

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	4286'	

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

4317-4323

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

4317-4323

40,000 gals 20% HCL

5,000 gals of WF130

28. PRODUCTION

Date First Production

12-11-01

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

Pump - Subpump

Well Status (Prod. or Shut-in)

Prod

Date of Test

12-14-01

Hours Tested

24 hours

Choke Size

Prod'n For Test Period

Oil - Bbl.

62

Gas - MCF

53

Water - Bbl.

1124

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 shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Laura Skinner

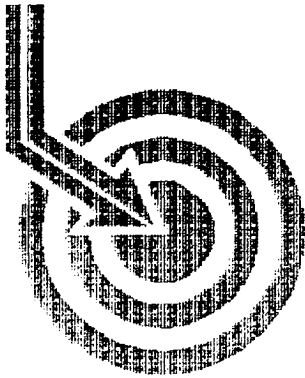
Printed Name

Laura A. Skinner

Title

Reg. Specialist

Date 02-06-02



Scientific Drilling



TEXACO E & P INC.

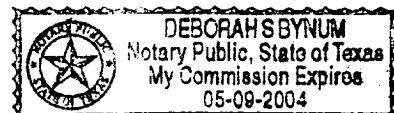
Field: Vacuum San Andres
Site: Lea County, NM
Well: WVU #49H
Wellpath: DH - Job #32D1101592
Survey: 11/6/01-11/9/01

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

[Signature].....Company Representative

Notorized this date 11th of January, 2002.

Deborah Sue Bynum
Notary Signature
County of Midland
State of Texas



Scientific Drilling International

Survey Report

Company: TEXACO E & P INC. Field: Vacuum San Andres Site: Lea County, NM Well: WVU #49H Wellpath: VH - Job #32K1101593	Date: 1/11/2002 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 13:36:30 Site: Lea County, NM, True North SITE 0.0 above Mean Sea Level Well (0.0E,0.0N,360.0Azi) Minimum Curvature	Page: 1
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Survey: 11/6/01 KSRG 0'-4300'	Start Date: 1/11/2002
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Company: Scientific Drilling Internatio Tool: Keeper	Engineer: Jeff Cossey
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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	0.46	251.80	100.0	-0.1	-0.1	-0.4	0.4	251.80
200.0	0.56	246.14	200.0	-0.4	-0.4	-1.2	1.3	249.66
300.0	0.34	238.08	300.0	-0.8	-0.8	-1.9	2.1	247.18
400.0	0.06	353.09	400.0	-0.9	-0.9	-2.2	2.3	247.26
500.0	0.26	297.61	500.0	-0.8	-0.8	-2.4	2.5	252.45
600.0	0.27	281.30	600.0	-0.6	-0.6	-2.8	2.9	257.94
700.0	0.24	297.82	700.0	-0.5	-0.5	-3.2	3.3	261.95
800.0	0.22	320.28	800.0	-0.2	-0.2	-3.5	3.5	266.59
900.0	0.48	294.22	900.0	0.1	0.1	-4.0	4.0	271.55
1000.0	0.22	340.17	1000.0	0.5	0.5	-4.5	4.5	275.88
1100.0	0.40	311.71	1100.0	0.9	0.9	-4.8	4.9	280.31
1200.0	0.33	302.29	1200.0	1.3	1.3	-5.3	5.5	283.35
1300.0	0.42	309.06	1300.0	1.6	1.6	-5.8	6.1	285.74
1400.0	0.34	305.53	1400.0	2.0	2.0	-6.4	6.7	287.84
1500.0	0.50	294.86	1500.0	2.4	2.4	-7.0	7.4	288.95
1600.0	0.44	330.02	1600.0	2.9	2.9	-7.6	8.1	291.05
1700.0	0.39	349.14	1700.0	3.6	3.6	-7.8	8.6	294.57
1800.0	0.43	355.51	1800.0	4.3	4.3	-7.9	9.0	298.41
1900.0	0.52	2.63	1900.0	5.1	5.1	-7.9	9.5	302.80
2000.0	0.41	343.04	2000.0	5.9	5.9	-8.0	10.0	306.39
2100.0	0.43	5.47	2100.0	6.6	6.6	-8.1	10.5	309.32
2200.0	0.55	3.59	2200.0	7.5	7.5	-8.0	11.0	312.98
2300.0	0.54	346.76	2299.9	8.4	8.4	-8.1	11.7	316.08
2400.0	0.70	3.09	2399.9	9.5	9.5	-8.2	12.5	319.22
2500.0	1.11	21.67	2499.9	11.0	11.0	-7.8	13.5	324.68
2600.0	1.22	18.23	2599.9	12.9	12.9	-7.1	14.7	331.18
2700.0	1.57	40.21	2699.9	15.0	15.0	-5.9	16.1	338.53
2800.0	1.82	48.23	2799.8	17.1	17.1	-3.8	17.5	347.39
2900.0	1.86	54.39	2899.8	19.1	19.1	-1.3	19.1	356.05
3000.0	1.98	52.69	2999.7	21.1	21.1	1.4	21.1	3.74
3100.0	1.97	53.40	3099.7	23.1	23.1	4.1	23.5	10.12
3200.0	2.07	58.96	3199.6	25.1	25.1	7.1	26.1	15.71
3300.0	2.26	57.20	3299.5	27.1	27.1	10.3	29.0	20.74
3400.0	1.95	52.87	3399.5	29.2	29.2	13.3	32.1	24.45
3500.0	1.73	44.46	3499.4	31.3	31.3	15.7	35.0	26.63
3600.0	1.83	40.37	3599.4	33.6	33.6	17.8	38.0	27.89
3700.0	1.80	44.87	3699.3	35.9	35.9	19.9	41.1	29.01
3800.0	1.84	51.37	3799.3	38.0	38.0	22.3	44.1	30.37
3900.0	2.05	49.56	3899.2	40.2	40.2	24.9	47.3	31.78
4000.0	2.01	49.79	3999.1	42.5	42.5	27.6	50.7	33.01
4100.0	1.87	50.11	4099.1	44.7	44.7	30.2	53.9	34.06
4200.0	2.02	58.17	4199.0	46.6	46.6	32.9	57.1	35.23
4300.0	1.83	67.08	4299.0	48.2	48.2	35.9	60.1	36.69