

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
B-871

7. Unit Agreement Name
West Vacuum Unit

8. Form of Lease Name
West Vacuum Unit

9. Well No.
54

10. Field and Pool, or Wildcat
**Vacuum Grayburg
San Andres**

12. County
Lea

10. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN
PLUG BACK DIFF. RESVR. OTHER _____

11. Name of Operator
Texaco Inc.

12. Address of Operator
P. O. Box 728, Hobbs, New Mexico 88240

13. Location of Well

UNIT LETTER **L** LOCATED **2130** FEET FROM THE **South** LINE AND **810** FEET FROM _____

14. Date Spudded **1/16/81** 16. Date T.D. Reached **1/29/81** 17. Date Compl. (Ready to Prod.) **2/25/81** 18. Elevations (DF, RAB, RT, GR, etc.) **4047' (GR)** 19. Elev. Casinghead **4047'**

20. Total Depth **4750'** 21. Plug Back T.D. **4708'** 22. If Multiple Compl., How Many _____ 23. Intervals Drilled By: Rotary Tools _____ Cable Tools _____ **0-4708'**

24. Producing Interval(s), of this completion - Top, Bottom, Name
4650'-4704' Grayburg - San Andres

25. Was Directional Survey Made **0**

26. Type Electric and Other Logs Run
Radio Activity Log

27. Was Well Cased **No**

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

| CASING SIZE | WEIGHT L.B./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|-----------|-----------|------------------|---------------|
| 11 3/4" | 42# | 365' | 15" | 400 sx. | -0- |
| 8 5/8" | 24# | 1610' | 11" | 800 sx. | -0- |
| 5 1/2" | 15.5# | 4750' | 7 7/8" | 2600 sx. | -0- |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
| | | | | | 2 7/8" | 4695' | Pump |

31. Perforation Record (Interval, size and number)

Csg. w/2-JSPF @ 4650', 53', 64', 68', 72', 84', 88', 92', 96', 4700' & 4704'

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|--|
| 4650'-4704' | 4400 Gal 15% NEFE Acid & 44 Ball Sealers |

33. PRODUCTION

33a. First Production **2/14/81** Production Method **Pumping - 2 1/2" Beam pump** Well Status **Producing**

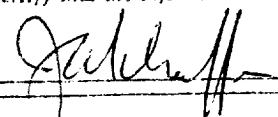
33b. Date of Test **2/25/81** Hours Tested **24** Choke Size **--** Prod'n. For Test Period **4** Oil - Bbl. **4** Gas - MCF **3** Water - Bbl. **131** Gas - Oil Ratio **708**

33c. Flow Tubing Press. **--** Casing Pressure **--** Calculated 24-Hour Rate **4** Oil - Bbl. **4** Gas - MCF **3** Water - Bbl. **131** Oil Gravity - API (Corr.) **37.8**

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Sold** Test Witnessed By **Bill Jones**

35. List of Attachments

36. 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.

SIGNED  TITLE **Asst. Dist. Mgr.** DATE **2/27/81**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

| | | | |
|---------------------------|------------------------|-----------------------------|-------------------------|
| T. Anhy <u>1526</u> | T. Canyon _____ | T. Ojo Alamo _____ | T. Penn. "B" _____ |
| T. Salt <u>1590</u> | T. Strawn _____ | T. Kirtland-Fruitland _____ | T. Penn. "C" _____ |
| B. Salt <u>2690</u> | T. Atoka _____ | T. Pictured Cliffs _____ | T. Penn. "D" _____ |
| T. Yates <u>2845</u> | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers _____ | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen <u>3835</u> | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Greyburg <u>4170</u> | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres <u>4600</u> | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzite _____ |
| T. Glorieta _____ | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Eilenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinbry _____ | T. Gr. Wash _____ | T. Morrison _____ | T. _____ |
| T. Tubb _____ | T. Granite _____ | T. Todillo _____ | T. _____ |
| T. Drinkard _____ | T. Delaware Sand _____ | T. Entrada _____ | T. _____ |
| T. Abo _____ | T. Bone Springs _____ | T. Wingate _____ | T. _____ |
| T. Wolfcamp _____ | T. _____ | T. Chinle _____ | T. _____ |
| T. Penn. _____ | T. _____ | T. Permian _____ | T. _____ |
| T. Cisco (Bough C) _____ | T. _____ | T. Penn. "A" _____ | T. _____ |

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet

No. 2, from _____ to _____ feet

No. 3, from _____ to _____ feet

No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

| From | To | Thickness in Feet | Formation | From | To | Thickness in Feet | Formation |
|------|------|-------------------|------------------|------|----|-------------------|-----------|
| 0 | 1354 | 1354 | Red Bed | | | | |
| 1354 | 2440 | 1086 | Anhydrite | | | | |
| 2440 | 3075 | 635 | Anhydrite & Salt | | | | |
| 3075 | 4235 | 1160 | Anhydrite | | | | |
| 4235 | 4750 | 515 | Lime | | | | |
| | | 4750 | TOTAL DEPTH | | | | |
| | | 4708 | PBTD | | | | |

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DILUTION RECORD