

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

API #30-025-28413

| | |
|------------------------|--|
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| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

3a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.

1. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____
2. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name
N. HOBBS (G/SA) UNIT
8. Farm or Lease Name
SECTION 29

3. Name of Operator
SHELL WESTERN E&P INC.
4. Address of Operator
P. O. BOX 991, HOUSTON, TEXAS 77001

9. Well No.
242
10. Field and Pool, or Wildcat
HOBBS (G/SA)

6. Location of Well
11. TWP. LETTER N LOCATED 100 FEET FROM THE SOUTH LINE AND 1400 FEET FROM

12. County
LEA

13. WEST LINE OF SEC. 29 TWP. 18-S RGE. 38-E NMPM

12. County
LEA

14. Date Spudded 12-16-83 16. Date T.D. Reached 12-23-83 17. Date Compl. (Ready to Prod.) 3-12-84 18. Elevations (DF, RKB, RT, GR, etc.) 3640.3' GL, 3650.3' DF 19. Elev. Casinghead -----

20. Total Depth 4370' 21. Plug Back T.D. ----- 22. If Multiple Compl., How Many ----- 23. Intervals Drilled By Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
4019' - 4257' (SAN ANDRES) 25. Was Directional Survey Made NO

26. Type Electric and Other Logs Run
CBL/VDL/CCL/GR; CET/GR; RFT/BHCS/SNPL/DLL/MSFL 27. Was Well Cored NO

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

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|--|---------------|
| 16" | CONDUCTOR | 30' | 20" | | |
| 8-5/8" | 24# | 1511' | 12-1/4" | 500 SX LITE + 250 SX CL C | |
| 5-1/2" | 14# | 4368' | 7-7/8" | 250 SX CL C + 400 SX LITE + 100 SX CL C | |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
| | | | | | 2-3/8" | 3797' | |

31. Perforation Record (Interval, size and number)
4019' to 4257' (52 - 1/2" holes)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------------|-------------------------------------|
| <u>4019' - 4257'</u> | <u>ACIDIZED W/8400 GALS 15% NEA</u> |

33. PRODUCTION

34. Date First Production 3-10-84 Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING - SUBMERSIBLE Well Status (Prod. or Shut-in) PRODUCING

| Date of Test | Hours Tested | Choke Size | Prod'n. For Test Period | Oil - Bbl. | Gas - MCF | Water - Bbl. | Gas - Oil Ratio |
|-----------------|--------------|-------------|-------------------------|------------|------------|--------------|-----------------|
| <u>10-24-84</u> | <u>24</u> | <u>----</u> | <u>-----></u> | <u>330</u> | <u>116</u> | <u>1689</u> | <u>352</u> |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API (Corr.) |
|--------------------|-----------------|-------------------------|------------|-----------|--------------|---------------------------|
| <u>100</u> | <u>40</u> | <u>-----></u> | | | | <u>35.0</u> |

35. Disposition of Gas (Sold, used for fuel, vented, etc.)
SOLD Test Witnessed By _____

36. List of Attachments
C-104(5), C-103(3), C-102(3), LOGS, INCLINATION REPORT(2)

37. 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 A. J. FORE A. J. FORE TITLE SUPERVISOR REG. & PERMITS DATE NOVEMBER 16, 1984

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 quintuplicate 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 _____ | T. Canyon _____ | T. Ojo Alamo _____ | T. Penn. "B" _____ |
| T. Salt <u>1572'</u> | T. Strawn _____ | T. Kirtland-Fruitland _____ | T. Penn. "C" _____ |
| B. Salt _____ | T. Atoka _____ | T. Pictured Cliffs _____ | T. Penn. "D" _____ |
| T. Yates <u>2625'</u> | T. Miss _____ | T. Cliff House _____ | T. Leadville _____ |
| T. 7 Rivers <u>2851'</u> | T. Devonian _____ | T. Menefee _____ | T. Madison _____ |
| T. Queen <u>3363'</u> | T. Silurian _____ | T. Point Lookout _____ | T. Elbert _____ |
| T. Grayburg <u>3717'</u> | T. Montoya _____ | T. Mancos _____ | T. McCracken _____ |
| T. San Andres <u>3979'</u> | T. Simpson _____ | T. Gallup _____ | T. Ignacio Qtzte _____ |
| T. Glorieta _____ | T. McKee _____ | Base Greenhorn _____ | T. Granite _____ |
| T. Paddock _____ | T. Ellenburger _____ | T. Dakota _____ | T. _____ |
| T. Blinebry _____ | T. Gr. Wash _____ | T. Morrison _____ | T. _____ |
| T. Tubb _____ | T. Granite _____ | T. Todilto _____ | 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. 4, from.....to..... |
| No. 2, from.....to..... | No. 5, from.....to..... |
| No. 3, 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 | 1505 | 1505 | ANHYDRITE | | | | |
| 1505 | 1611 | 106 | SALT | | | | |
| 1611 | 4370 | 2759 | ANHYDRITE | | | | |