

STATE OF NEW MEXICO  
OIL AND MINERALS DEPARTMENT

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

API #30-025-29172

|                        |  |
|------------------------|--|
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| OPERATOR               |  |

|                                |                                         |
|--------------------------------|-----------------------------------------|
| 3a. Indicate Type of Lease     |                                         |
| State <input type="checkbox"/> | Fee <input checked="" type="checkbox"/> |
| 3. State Oil & Gas Lease No.   |                                         |

TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

TYPE OF COMPLETION

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

Name of Operator

SHELL WESTERN E&amp;P INC.

Address of Operator

P.O. BOX 576, HOUSTON, TEXAS 77001

Location of Well

7. Unit Agreement Name

N. HOBBS (G/SA) UNIT

8. Farm or Lease Name

SECTION 19

9. Well No.

232

10. Field and Pool, or Wildcat

HOBBS (G/SA)

N. LETTER K LOCATED 2501 FEET FROM THE SOUTH LINE AND 1410 FEET FROMWEST LINE OF SEC. 19 TWP. 18-S RGE. 38-E NMPM

12. County

LEA

11. Date Spudded 4-12-85 16. Date T.D. Reached 5-01-85 17. Date Compl. (Ready to Prod.) 9-21-85 18. Elevations (DF, RKB, RT, GR, etc.) 3661.2' GL 19. Elev. Casinghead20. Total Depth 4420' 21. Plug Back T.D. 4270' 22. If Multiple Compl., How Many ----- 23. Intervals Drilled By Rotary Tools X Cable Tools

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

4207' - 4237' (SAN ANDRES)

25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run

CBL/VDL/CCL/GR  
BHCS/GR, SNP/GR, DLL/MSFL/GR, RFT, CNL, SPEC/GR, ELEC/PRO, DIPMTR (2), DIELEC,27. Was Well Cored  
YES

## CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD            | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|-----------------------------|---------------|
| 13-3/8"     | CONDUCTOR      | 40'       | 17-1/2"   |                             | -----         |
| 9-5/8"      | 36#            | 1498'     | 12-1/4"   | 425 SX LITE + 200 SX HE "C" | -----         |
| 7"          | 20#            | 4419'     | 8-3/4"    | 600 SX LITE + 300 SX HE II  | -----         |

## LINER RECORD

## 30. TUBING RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE   | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|--------|-----------|------------|
|      |     |        |              |        | 2-7/8" | 4365'     | -----      |

## 31. Perforation Record (Interval, size and number)

4323' - 4337' (8 - 1/2" holes)\*4207' - 4237' (12 - 1/2" holes)

\*SQZD

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 4323' - 4337'  | ACIDIZED W/1500 GALS 15% NEA  |
| 4323' - 4337'  | SQZD W/100 SX CLASS "C" CMT   |
| 4207' - 4237'  | ACIDIZED W/1800 GALS 15% NEA  |

## PRODUCTION

|                        |                     |                                                                         |                             |            |              |                                    |                 |
|------------------------|---------------------|-------------------------------------------------------------------------|-----------------------------|------------|--------------|------------------------------------|-----------------|
| 33. First Production   |                     | 34. Production Method (Flowing, gas lift, pumping - Size and type pump) |                             |            |              | 35. Well Status (Prod. or Shut-in) |                 |
| 9-21-85                |                     | PUMP 2 1/2" X 2" X 20' HIGHLAND                                         |                             |            |              | PRODUCING                          |                 |
| 36. Date of Test       | 37. Hours Tested    | 38. Choke Size                                                          | 39. Prod'n. For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                       | Gas - Oil Ratio |
| 9-24-85                | 24                  | ----                                                                    | -----                       | 191        | 91           | 566                                | 476             |
| 40. Flow Tubing Press. | 41. Casing Pressure | 42. Calculated 24-Hour Rate                                             | Oil - Bbl.                  | Gas - MCF  | Water - Bbl. | 43. Oil Gravity - API (Corr.)      |                 |
| ---                    | 30                  | -----                                                                   |                             |            |              | 35.0                               |                 |

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

SOLD

Test Witnessed By

## 45. List of Attachments

C-104(5), C-102(3), INCLINATION REPORT(2), LOGS

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. &amp; PERMITS

DATE SEPTEMBER 27, 1985

# 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 radioactivity 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 20 through 34 shall be reported for each zone. The form is to be filed in triplicate 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 _____ 1580'       | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____             | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____ 2665'      | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____ 2924'   | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____ 3448'      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____ 3782'   | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____ 4046' | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____         | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____          | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinberry _____        | 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 (Elough 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    | 338  | 338               | CALICHE & REDBEDS                |      |    |                   |           |
| 338  | 1498 | 1160              | SHALE, REDBEDS, SANDSTONE, ANHY. |      |    |                   |           |
| 1498 | 2435 | 937               | SHALE & ANHY.                    |      |    |                   |           |
| 2435 | 3025 | 590               | ANHY., SHALE & SAND              |      |    |                   |           |
| 3025 | 3440 | 415               | SHALE & SAND                     |      |    |                   |           |
| 3440 | 4041 | 601               | DOLOMITE, SHALE & SAND           |      |    |                   |           |
| 4041 | 4061 | 20                | DOLOMITE, SHALE & ANHY.          |      |    |                   |           |
| 4061 | 4420 | 359               | DOLOMITE                         |      |    |                   |           |

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