

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5a. 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 ☐

3. Name of Operator

SHELL WESTERN E&P INC.

4. Address of Operator

P.O. BOX 576, HOUSTON, TEXAS 77001 (WCK 4435)

5. Location of Well

UNIT LETTER H LOCATED 2310 FEET FROM THE NORTH LINE AND 990 FEET FROM

EAST LINE OF SEC. 15 TWP. 21S RGE. 37E NMPM

6. Date Spudded 9-08-51 16. Date T.D. Reached 10-18-51 17. Date Compl. (Ready to Prod.) 2-09-88 18. Elevations (DF, RKB, RT, GR, etc.) 3431' DF 19. Elev. Casinghead -----

20. Total Depth 7567' 21. Plug Back T.D. 7344' 22. If Multiple Compl., How Many ----- 23. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐

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

7171' - 7239' (WANTZ ABO)

25. Was Directional Survey Made  
NO

26. Type Electric and Other Logs Run

GR/CNL/CCL, GR/TEMP SURVEY (2)

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 |
|-------------|----------------|-----------|-----------|-------------------------|---------------|
| 13-3/8"     | 32#            | 241'      | 17-1/2"   | 250 SX REG              | -----         |
| 8-5/8"      | 32#            | 2933'     |           | 1500 SX 4% + 300 SX REG | -----         |
|             |                |           |           |                         |               |

29. LINER RECORD

| SIZE   | TOP   | BOTTOM | SACKS CEMENT | SCREEN |
|--------|-------|--------|--------------|--------|
| 5-1/2" | 2690' | 7567'  | 840          |        |

30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|------|-----------|------------|
| 2"   | 7135'     |            |

31. Perforation Record (Interval, size and number)

7171' - 7239' (1 JSPF)

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                |
|----------------|----------------------------------------------|
| 6397' - 6663'  | SQZD W/160 SX CLS "C" CMT                    |
| 7171' - 7239'  | ACD W/5000 GALS 20% HCL-NEA + 250# ROCK SALT |

33. PRODUCTION

|                                  |                                                                                                             |                              |                              |                 |                                        |                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------------|------------------------------|-----------------|----------------------------------------|---------------------------------|
| Date First Production<br>2-10-88 | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>PUMPING - 2" X 1 1/2" X 16' HIGHLAND |                              |                              |                 | Well Status (Prod. or Shut-in)<br>PROD |                                 |
| Date of Test<br>3-09-88          | Hours Tested<br>24                                                                                          | Choke Size                   | Prod'n. For Test Period<br>→ | Oil - Bbl.<br>1 | Gas - MCF<br>90                        | Water - Bbl.<br>0               |
| Flow Tubing Press.               | Casing Pressure<br>30                                                                                       | Calculated 24-Hour Rate<br>→ | Oil - Bbl.                   | Gas - MCF       | Water - Bbl.                           | Oil Gravity - API (Corr.)<br>39 |

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

SOLD

Test Witnessed By

35. List of Attachments

C-104(5), C-103(3), C-102(3)

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 A. J. FORE

TITLE SUPERVISOR REG. & PERMITTING

DATE 3-10-88

# 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 _____            | T. Strawn _____            | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____             | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____              | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        | T. Devonian _____          | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | T. Silurian _____          | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____           | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____           | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____ 5147'  | T. McKee _____             | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____ 7432' | T. Dakota _____             | T. _____               |
| T. Blinberry _____ 5596' | T. Gr. Wash _____ 7552'    | T. Morrison _____           | T. _____               |
| T. Tubb _____            | T. Granite _____ 7562'     | T. Todilto _____            | T. _____               |
| T. Drinkard _____ 6422'  | T. Delaware Sand _____     | T. Entrada _____            | T. _____               |
| T. Abo _____ 6698'       | 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    | 244  | 244               | SURF SAND & RED BEDS |      |    |                   |           |
| 244  | 1395 | 1151              | RED BEDS & ANHYDRITE |      |    |                   |           |
| 1395 | 2653 | 1258              | ANHYDRITE & SALT     |      |    |                   |           |
| 2653 | 2910 | 257               | ANHYDRITE            |      |    |                   |           |
| 2910 | 2935 | 25                | ANHYDRITE & DOLOMITE |      |    |                   |           |
| 2935 | 7552 | 4617              | DOLOMITE             |      |    |                   |           |
| 7552 | 7562 | 10                | GRANITE WASH         |      |    |                   |           |
| 7562 | 7567 | 5                 | GRANITE              |      |    |                   |           |

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