

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 &amp; 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&amp;P INC.

4. Address of Operator

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

5. Location of Well

UNIT LETTER N LOCATED 660 FEET FROM THE SOUTH LINE AND 1980 FEET FROM6. WEST LINE OF SEC. 12 TWP. 21-S RGE. 37-E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

PLUMLEE

9. Well No.

1

10. Field and Pool, or Wildcat

WANTZ ABO

12. County

LEA

11. Date Spudded

3-01-52

16. Date T.D. Reached

4-28-52

17. Date Compl. (Ready to Prod.)

12-05-86

18. Elevations (DF, RKB, RT, GR, etc.)

3454' DF

19. Elev. Casinghead

20. Total Depth

7674'

21. Plug Back T.D.

7270'

22. If Multiple Compl., How Many

-----

23. Intervals Drilled By

-----&gt;

Rotary Tools

X

Cable Tools

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

6950' - 7270' (WANTZ ABO)

25. Was Directional Survey Made

NO

26. Type Electric and Other Logs Run

BASE 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"     | 48#            | 210'      | 17-1/4"   | 250 SX REG                | -----         |
| 8-5/8"      | 28.5, 32#      | 3182'     | 11"       | 1800 SX 4% GEL + 400 NEAT | -----         |
| 5-1/2"      | 15.5#          | 6950'     | 7-7/8"    | 50 SX NEAT                | -----         |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|------|-----------|------------|
|      |     |        |              |        | 2"   | 6936'     |            |

31. Perforation Record (Interval, size and number)

NA (OPEN HOLE)

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

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

6575' - 6837' ISOZD W/150 SX CLS C CMT

6950' - 7270' IACD W/6000 GALS 20% HCL-NEA +

11000# ROCK SALT

33. PRODUCTION

|                                   |                                                                                                          |                                  |                                 |                   |                  |                                             |                         |
|-----------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------|-------------------|------------------|---------------------------------------------|-------------------------|
| Date First Production<br>12-05-86 | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>PUMPING - 2" X 1½" X 16' HIG-LAND |                                  |                                 |                   |                  | Well Status (Prod. or Shut-in)<br>PRODUCING |                         |
| Date of Test<br>12-08-86          | Hours Tested<br>24                                                                                       | Choke Size<br>----               | Prod'n. For<br>Test Period<br>→ | Oil - Bbl.<br>179 | Gas - MCF<br>250 | Water - Bbl.<br>66                          | Gas - Oil Ratio<br>1397 |
| Flow Tubing Press.                | Casing Pressure<br>30                                                                                    | Calculated 24-<br>Hour Rate<br>→ | Oil - Bbl.                      | Gas - MCF         | Water - Bbl.     | Oil Gravity - API (Corr.)<br>44.2           |                         |

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*  
A. J. FORE

TITLE SUPERVISOR REG. &amp; PERMITTING

DATE DECEMBER 10, 1986

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 _____ 5322'  | T. McKee _____          | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____    | T. Dakota _____             | T. _____               |
| T. Blinebry _____ 6224'  | T. Gr. Wash _____ 7600' | T. Morrison _____           | T. _____               |
| T. Tubb _____ 6562'      | T. Granite _____        | T. Todilto _____            | T. _____               |
| T. Drinkard _____ 6839'  | 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    | 215  | 215               | SURFACE SAND & RED BEDS          |      |    |                   |           |
| 215  | 1701 | 1486              | RED BEDS & ANHYDRITE             |      |    |                   |           |
| 1701 | 2641 | 940               | ANHYDRITE & SALT                 |      |    |                   |           |
| 2641 | 2915 | 274               | ANHYDRITE                        |      |    |                   |           |
| 2915 | 3190 | 275               | ANHYDRITE & DOLOMITE             |      |    |                   |           |
| 3190 | 7594 | 4404              | DOLOMITE                         |      |    |                   |           |
| 7594 | 7674 | 80                | DOLOMITE, GRANITE WASH & GRANITE |      |    |                   |           |

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