

|                        |  |
|------------------------|--|
| NO. OF COPIES RECEIVED |  |
| DISTRIBUTION           |  |
| SANTA FE               |  |
| FILE                   |  |
| U.S.G.S.               |  |
| LAND OFFICE            |  |
| OPERATOR               |  |

Form C-105  
Revised 11-1-84

# NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.  
27197

## 1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

## b. TYPE OF COMPLETION

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

## 2. Name of Operator

Shell Oil Corp.

## 3. Address of Operator

P.O. Box 670, Hobbs, NM 88240

## 4. Location of Well

UNIT LETTER C LOCATED 1285 FEET FROM THE North LINE AND 1650 FEET FROM

THE West LINE OF SEC. 33 TWP. 24S RGE. 38E

7. Unit Agreement Name  
J. Hallaridge  
8. Name of Lease Name

9. Well No.  
121

10. Field and Pool, or Wildcat  
Hallaridge Newtonian

15. Date Spudded 8-26-84 16. Date T.D. Reached 9-30-84 17. Date Compl. (Ready to Prod.) 10-23-84 18. Elevations (DJ, RAB, RT, GR, etc.) 3187' EL 19. Elev. Casinghead -

20. Total Depth 8133' 21. Plug Back T.D. - 22. If Multiple Completions, How Many 4 single 23. Intervals Unfilled by Rotary Tools 0-8133' Cable Tools -

## 24. Producing Interval(s), at this completion - Top, bottom, Name

7877'-8088' Newtonian

## 25. Was Directional Survey Made

No

## 26. Type Electric and Other Logs run

Comp Neutron-Density, DLL WMSFL Sonic EPT

## 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"     | 4.5#           | 380'      | 17 1/2"   | 400 CY - C.C.        |               |
| 8 5/8"      | 24#            | 4200'     | 11"       | 1500 CY - C.C.       |               |
| 5 1/2"      | 15.5#          | 8133'     | 7 7/8"    | 1200 CY - TSTOC 800' |               |

## 29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |

## 30. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2 7/8" | 7832'     | -          |

## 31. Perforation, Interval, size and number

7877-86', 7906-08', 8060-88' w/6" JH

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED                                     |
|----------------|-------------------------------------------------------------------|
| 7877-8088'     | 6200 lbs 1550 NEFF, 142 RCB, 36900 gal. acid, 50,000 # 20/40 sand |

## 33. PRODUCTION

|                                |                                                                              |                                     |
|--------------------------------|------------------------------------------------------------------------------|-------------------------------------|
| Date First Production 10-23-84 | Production Method (Flowing, gas lift, pumping - Size and type pump) DUMBLING | Well Status (Prod. or Shut-in) Prod |
| Date of Test 1-18-85           | Hours to Test 24                                                             | Pressure (W.O.)                     |
| Flowing Pressure 30            | Casing Pressure 30                                                           | Flow Rate 14                        |
| Gas - MCF 10                   | Water - Bbl. 35                                                              | Oil Gravity - API (Corr.) 42.90     |

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

Sold

## Test Witnessed By

## 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

RDP

TITLE

AREA ENGINEER

DATE

2-6-85

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 of this report shall be measured by this. 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 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 _____            | 1199 | T. Canyon _____        | T. Ore Alamo _____         | T. Penn. "B" _____      |
| T. Salt _____            | 1287 | T. Strawn _____        | T. Rutland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt _____            | 2470 | T. Atoka _____         | T. Fractured Cliffs _____  | T. Penn. "D" _____      |
| T. Yates _____           | 2777 | T. Miss _____          | T. Cliff House _____       | T. Leadville _____      |
| T. 7 Rivers _____        | 3021 | T. Devonian _____      | 7876                       | T. Menefee _____        |
| T. Queen _____           | 3591 | T. Silurian _____      | T. Point Lookout _____     | T. Madison _____        |
| T. Grayburg _____        | 3945 | T. Montoya _____       | T. Mancos _____            | T. Elbert _____         |
| T. San Andres _____      | 4213 | T. Simpson _____       | T. Gallup _____            | T. McCracken _____      |
| T. Glorieta _____        | 5320 | T. McKee _____         | T. Rose Greenhorn _____    | T. Ignacio Qtzite _____ |
| T. Paddock _____         |      | T. Ellenburger _____   | T. Dakota _____            | T. Granite _____        |
| T. Blinberry _____       |      | T. Gr. Wash _____      | T. Morrison _____          | T. _____                |
| T. Tubb _____            | 6176 | T. Granite _____       | T. Todilte _____           | T. _____                |
| T. Drinkard _____        | 6453 | T. Delaware Sand _____ | T. Entrada _____           | T. _____                |
| T. Abo _____             | 6712 | 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 7876 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    | 1199 | 1199              | Unhydrated |      |    |                   |           |
| 1199 | 1287 | 88                | Unhydrated |      |    |                   |           |
| 1287 | 2470 | 1183              | Salt       |      |    |                   |           |
| 2470 | 7626 | 5156              | Caliche    |      |    |                   |           |
| 7626 | 7876 | 250               | Shale      |      |    |                   |           |
| 7876 | 8091 | 215               | Flintstone |      |    |                   |           |

RECEIVED

FFB - 7 1985

O.C.D.  
HOBBES OFFICE