

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Shell Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1858, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 660' FSL &amp; 1980' FWL (SE/4 SW/4) Section 24, T-8-S,

R-32-E, NMPM Survey, Chaves County, New Mexico

At top prod. interval reported below

At total depth Same

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3-24-65

16. DATE T.D. REACHED

4-23-65

17. DATE COMPL. (Ready to prod.)

May 6, 1965

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

4446' DF

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

9121'

21. PLUG, BACK T.D., MD &amp; TVD

9028'

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

8981' - 8989'

25. WAS DIRECTIONAL  
SURVEY MADE

27. WAS WELL CORED

26. TYPE ELECTRIC AND OTHER LOGS RUN

Voxo, Guard, Acoustic Velocity

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 11 3/4"     | 42#             | 397'           | 17 1/2"   | 380              |               |
| 8 5/8"      | 24# & 32#       | 3500'          | 11"       | 300              |               |
| 5 1/2"      | 15.5# & 17#     | 9121'          | 7 7/8"    | 250              |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE            | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-----------------|----------------|-----------------|
|      |          |             |               |             | 2 3/8" & 2 7/8" | 9010'          |                 |

31. PERFORATION RECORD (Interval, size and number)

8981' - 8989' 4 - 3/8" JSFF.

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 8981'-8989'         | 500 gallons 15% BBA              |
| 8981'-8989'         | 4500 gallons 15% CBA             |

33.\* PRODUCTION

| DATE FIRST PRODUCTION                                      |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |                |
|------------------------------------------------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|----------------|
| May 6, 1965                                                |                 | Pump-Fluid Pack 2" x 1 1/2" x 30'                                    |                         |          |            | Producing                          |                |
| DATE OF TEST                                               | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO  |
| May 6, 1965                                                | 24              |                                                                      | →                       | 202      | 251.5      | 164                                | 1245           |
| PROD. TUBING PRESS.                                        | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY API (CORR.)            |                |
|                                                            |                 | →                                                                    | 202                     | 251.5    | 164        | 43.8 deg.                          |                |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) |                 |                                                                      |                         | 202      | 251.5      | 164                                | TEST WITNESSED |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

Original Signed By  
SIGNED C. R. Coffey

C. R. Coffey

TITLE

Acting District  
Exploitation Engineer

DATE

May 12, 1965

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 19:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION                                       | TOP   | BOTTOM | DESCRIPTION, CONTENTS, ETC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GEOLOGIC MARKERS |             |                  |
|-------------------------------------------------|-------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|------------------|
|                                                 |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NAME             | MEAS. DEPTH | TRUE VERT. DEPTH |
| Bough "C"<br>(Pennsylvanian)<br>Bough "C" & "D" | 8960' | 8989'  | Oil and Water<br><br>DST #1: (29' Bough C & Bough D). Tool open 100 minutes thru 5/8" BC, 1/4" TC, 4" DP. Opened with very weak blow and died in 3 minutes. Bypassed tool after 90 minutes. Reopened with no blow. NCTS. Recovered 800' (7.8 bbls.) mud with no shows. 90 minutes FSIBHP 3231 psi. FBHP 450 - 470 psi. 90 minutes FSIBHP 2984 psi. HBP 4828 - 4828 psi. Recovered mud titrated 118,000 ppm Cl <sup>-</sup> . Pit mud titrated 118,000 ppm Cl <sup>-</sup> . <u>Conclusive Test (Foster)</u> | Base Red Beds    | 1787'       | (+2659')         |
|                                                 |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yates            | 2350'       | (+2096')         |
|                                                 |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | San Andres       | 3542'       | (+ 904')         |
|                                                 |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Glorieta         | 4932'       | (- 486')         |
|                                                 |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tubb             | 6413'       | (-1967')         |
|                                                 |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Abe              | 7260'       | (-2814')         |
|                                                 |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Wolfcamp         | 8378'       | (-3932')         |
|                                                 |       |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Bough C          | 8952'       | (-4506')         |