

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R385.8.**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESV. ☐ Other ☐

3. NAME OF OPERATOR

Bird Oil Corporation

4. ADDRESS OF OPERATOR

717 17th St., Suite 2860, Denver, Colorado 80202

5. LOCATION OF WELL (Report location clearly and in accordance with and State requirements)

At surface 2310' FNL &amp; 910' FWL

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

D. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.  
15-83

12. COUNTY OR PARISH

McKinley

13. STATE

New Mexico

15. DATE SPUDDED

4-1-83

16. DATE T.D. REACHED

4-3-83

17. DATE COMPL. (Ready to produce)

5-3-83

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

6564 GL

19. ELEV. CASINGHEAD

6565

20. TOTAL DEPTH, MD &amp; TVD

2200' MD = TVD

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

NA

22. IF MULTIPLE COMPL., HOW MANY\*

NA

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-2200'

CABLE TOOLS

NA

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

Top: 2004'

Bottom: 2010' (MD=TVD) Menefee

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL/GR, DI/GR, mud log

27. WAS WELL CORED

No

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

| CASINO SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD                                                              | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|-------------------------------------------------------------------------------|---------------|
| 8 5/8"      | 24.0            | 92'            | 12 1/4"   | 88.5 ft. <sup>3</sup> Class B 2% CaCl                                         | -0-           |
| 4 1/2"      | 10.5            | 2187'          | 7 1/2"    | 490 ft. <sup>3</sup> Class B, followed by 214.5 ft. <sup>3</sup> 50-50 pozmix | -0-           |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
|      |          |             |               |             |

30. TUBING RECORD

| SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2 3/8" | 1999'          | NA              |

31. PERFORATION RECORD (Interval, size and number)

2004-2010', 0.38", 3/ft.

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED           |
|---------------------|--------------------------------------------|
| 2004-2010'          | N <sub>2</sub> 70% foam, 20,000# 10/20 sar |

33. PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| 5-4-83                |                 | Rod Pump: 1 1/2" insert                                              |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 5-31-83               | 24 hours        | 10/64                                                                | →                       | 5 bbl.   | 1 MCF      | 12 bbl.                            | 200:1         |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 100 psig              | 31 psig         | →                                                                    | 5 bbl.                  | 1 MCF    | 12 bbl.    | 38.6°                              |               |

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

Used on lease.

TEST WITNESSED BY

Mr. K. Weller

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

Production Engineer

DATE

June 1, 1983

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

JUN 10 1983

FARMINGTON DISTRICT

BY

# 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 18:** 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.                                        |
|-----------|-------|--------|--------------------------------------------------------------------|
| Menefee   | 1150' | 2100'  | No DST, no cores, estimate 18-20% porosity 20-30% H.C. saturation. |

## 38.

### GEOLOGIC MARKERS

| NAME        | TOP         |                  |
|-------------|-------------|------------------|
|             | MEAS. DEPTH | TRUE VERT. DEPTH |
| Chacra      | 598'        |                  |
| Cliff House | 1090'       |                  |
| Menefee     | 1150'       |                  |
| Pt. Lookout | 2100'       |                  |
| Marpos      | 2180'       |                  |