

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

LC-86025

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
MARBOB ENERGY CORPORATION

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 227, ARTESIA, NM 88210 505-748-3303

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 2310 FSL 2310 FWL
At top prod. interval reported below SAME
At total depth SAME

14. PERMIT NO. DATE ISSUED

8. FARM OR LEASE NAME, WELL NO.
BIRDIE FEDERAL #4

9. API WELL NO.
30-015-30235

10. FIELD AND POOL, OR WILDCAT
LOCO HILLS PADDOCK

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
SEC. 17-T17S-R30E

12. COUNTY OR PARISH 13. STATE
EDDY NM

15. DATE SPURRED 06/02/99 16. DATE T.D. REACHED 06/14/99 17. DATE COMPL. (Ready to prod.) 07/09/99 18. ELEVATIONS (DF, RKB, RT, GE, ETC.) 3658' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4735' 21. PLUG, BACK T.D., MD & TVD 4719' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-4735' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*
4270-4578' PADDOCK

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DLL, MCG

27. WAS WELL CORED
No

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

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|-------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| 8 5/8' | 24# | 416' | 12 1/4" | 400 SX | CIRC 85 SX |
| 5 1/2" | 17# | 4732' | 7 7/8" | 1150 SX | CIRC 165 SX |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) |
|------|----------|-------------|---------------|-------------|
| | | | | 2 7/8" |

30. TUBING RECORD

| DEPTH SET (MD) | PACKER SET (MD) |
|----------------|-----------------|
| 4221' | |

31. PERFORATION RECORD (Interval, size and number)
4270-4578' 20 SHOTS

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 4270-4578' | ACD W/2000 GALS 15% NEFE ACID |

33. * PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) | WELL STATUS (Producing or shut-in) |
|-----------------------|---|------------------------------------|
| 07/11/99 | PUMPING | PROD |

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL--BBL. | GAS--MCF. | WATER--BBL. | GAS-OIL RATIO |
|--------------|--------------|------------|------------------------|-----------|-----------|-------------|---------------|
| 07/12/99 | 24 | | | 19 | 31 | 890 | |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL--BBL. | GAS--MCF. | WATER--BBL. | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|-------------------------|-----------|-----------|-------------|-------------------------|
| | | | | | | |

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

35. LIST OF ATTACHMENTS
LOGS, DEVIATION SURVEY

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

SIGNED Robin Cackrum TITLE PRODUCTION ANALYST DATE 07/13/99

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID F. GLASS
JUL 20 1999
WITNESSED BY
OWEN PUCKETT

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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. |
|-----------|-----|--------|-----------------------------|
|-----------|-----|--------|-----------------------------|

38.

GEOLOGICAL MARKERS

38.

GEOLOGICAL MARKERS

| NAME | TOP | | NAME | TOP | |
|------------|-------------|------------------|------|-------------|------------------|
| | MEAS. DEPTH | TRUE VERT. DEPTH | | MEAS. DEPTH | TRUE VERT. DEPTH |
| YATES | 1162' | | | | |
| QUEEN | 2036' | | | | |
| SAN ANDRES | 2730' | | | | |
| GLORIETTA | 4160' | | | | |