

Oil Cons.  
UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
N.M. DIST. 2  
1301 W. Grand Avenue  
Artesia, NM 88210FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NMNM101079

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

ZARAFA "FF" FEDERAL #2

9. API WELL NO.

30-015-32976

10. FIELD AND POOL, OR WILDCAT

S. CEMETARY; MORROW

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SEC. 12-T21S-R24E

12. COUNTY OR PARISH

13. STATE

EDDY

NM

1a. TYPE OF WELL:

OIL  
WELLGAS  
WELL ☒

DRY

Other

b. TYPE OF COMPLETION:

NEW  
WELL ☒WORK  
OVERDEEP-  
ENPLUG  
BACKDIFF.  
RESVR.

Other

2. NAME OF OPERATOR

MARBOB ENERGY CORPORATION

3. ADDRESS AND TELEPHONE NO.

PO BOX 227, ARTESIA, NM 88211-0227

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

At surface 1650 FSL 2550 FWL, UNIT K

At top prod. interval reported below

SAME

At total depth

SAME

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

13. STATE

15. DATE SPUDDED

8/20/03

16. DATE T.D. REACHED

9/16/03

17. DATE COMPL. (Ready to prod.)

10/13/03

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)

3591' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

10335'

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

9930'

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

ROTARY TOOLS

0 - 10335'

CABLE TOOLS

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

9877' - 9887' MORROW

25. WAS DIRECTIONAL  
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL, CSNG

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 |
|-------------------|-----------------|----------------|-----------|---------------------------------|---------------|
| 9 5/8" J55        | 36#             | 1535'          | 12 1/4"   | 750 SX, CIRC                    | NONE          |
| 5 1/2" P110       | 17#             | 10335'         | 8 3/4"    | 1720 SX, CIRC                   | NONE          |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2 3/8" | 9779'          |                 |

31. PERFORATION RECORD (Interval, size and number)

10146' - 10153' (32 SHOTS)  
9955' - 10051' (156 SHOTS)  
9877' - 9887' (44 SHOTS)

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 9955'-10051'        | ACDZ W/ 2000 GAL 7 1/2% HCL ACID |
| 9877'-9887'         | ACDZ W/ 500 GAL 7 1/2% HCL ACID  |

33. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) | WELL STATUS (Producing or shut-in) |                        |           |             |                         |               |
|-----------------------|-----------------------------------------------------------------------|------------------------------------|------------------------|-----------|-------------|-------------------------|---------------|
| 11/2/03               | FLOWING                                                               | PROD                               |                        |           |             |                         |               |
| DATE OF TEST          | HOURS TESTED                                                          | CHOKE SIZE                         | PROD'N FOR TEST PERIOD | OIL--BBL. | GAS--MCF.   | WATER--BBL.             | GAS-OIL RATIO |
| 11/6/03               | 24                                                                    |                                    |                        | 0         | 1120        | 6                       |               |
| 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

TEST WITNESSED BY

SHANE GRAY

35. LIST OF ATTACHMENTS

LOGS, DEVIATION SURVEY

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

SIGNED

TITLE PRODUCTION ANALYST

DATE 11/11/03

\*(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):

| 38. GEOLOGICAL MARKERS |             |                  | 38. GEOLOGICAL MARKERS |             |                  |
|------------------------|-------------|------------------|------------------------|-------------|------------------|
| NAME                   | TOP         |                  | NAME                   | TOP         |                  |
|                        | MEAS. DEPTH | TRUE VERT. DEPTH |                        | MEAS. DEPTH | TRUE VERT. DEPTH |
| SAN ANDRES             | 1201'       |                  |                        |             |                  |
| DELAWARE               | 1610'       |                  |                        |             |                  |
| BONE SPRING            | 2229'       |                  |                        |             |                  |
| WOLFCAMP               | 7251'       |                  |                        |             |                  |
| CISCO CANYON           | 8313'       |                  |                        |             |                  |
| STRAWN                 | 8989'       |                  |                        |             |                  |
| ATOKA                  | 9485'       |                  |                        |             |                  |
| MORROW CLASTICS        | 9933'       |                  |                        |             |                  |

Patriot Drilling, LLC

OPERATOR: Marbob Energy Company  
 WELL/LEASE: Zarafa FF Federal #2  
 COUNTY: Eddy County, NM

RECEIVED  
 NOV 19 2003  
 OCD-ARTESIA

**STATE OF NEW MEXICO  
 DEVIATION REPORT**

| <u>Depth</u> | <u>Deviation</u> | <u>Depth</u> | <u>Deviation</u> |
|--------------|------------------|--------------|------------------|
| 213          | 3/4              | 5253         | 1 4/5            |
| 390          | 1                | 5564         | 1 3/5            |
| 653          | 1 1/4            | 5906         | 1 8/9            |
| 896          | 1 1/4            | 6339         | 1 2/5            |
| 1483         | 1 1/4            | 6768         | 2/3              |
| 1713         | 1 8/9            | 7077         | 2 2/7            |
| 2159         | 2 1/9            | 7418         | 2 2/7            |
| 2490         | 1 2/5            | 7854         | 2/3              |
| 2968         | 1 2/5            | 8228         | 1 8/9            |
| 3298         | 2/3              | 8664         | 1 1/2            |
| 3763         | 1/2              | 9044         | 1/2              |
| 4101         | 2 1/9            | 9450         | 1/2              |
| 4599         | 2 1/9            | 9843         | 1/2              |
| 4907         | 1 1/9            | 10320        | 1                |

By: M. Leroy Peterson

M. Leroy Peterson

STATE OF TEXAS  
 COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 22nd day of  
 September, 2003 by M. Leroy Peterson of Patriot Drilling, LLC.

My Commission Expires: 5/29/2005

Dora H. DuarteDora H. Duarte  
Notary Public for Midland County, Texas