

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

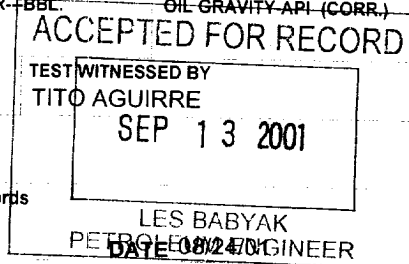
SUBMIT IN DUPLICATE

N.M. Oil Cons. Division  
1625 N. French Dr.  
Hobbs, NM 88240

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995  
LEASE DESIGNATION AND SERIAL NO.  
NM-13422B

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                  |                    |                                                                                  |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------|------------------------|
| 1a. TYPE OF WELL:<br>OIL WELL<br>GAS WELL <input checked="" type="checkbox"/><br>DRY<br>Other                                                                                                                    |                    | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                             |                        |
| b. TYPE OF COMPLETION:<br>NEW WELL <input checked="" type="checkbox"/><br>WORK OVER<br>DEEP-EN<br>PLUG BACK<br>DIFF. RESVR.<br>Other                                                                             |                    | 7. UNIT AGREEMENT NAME                                                           |                        |
| 2. NAME OF OPERATOR<br>MARBOB ENERGY CORPORATION                                                                                                                                                                 |                    | 8. FARM OR LEASE NAME, WELL NO.<br>DOROTHY MCKAY FEDERAL #2                      |                        |
| 3. ADDRESS AND TELEPHONE NO.<br>PO BOX 227, ARTESIA, NM 88210 505-748-3303                                                                                                                                       |                    | 9. API WELL NO.<br>30-025-35490                                                  |                        |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface<br>1980 FSL 660 FWL, UNIT L<br>At top prod. interval reported below<br>SAME<br>At total depth<br>SAME |                    | 10. FIELD AND POOL, OR WILDCAT<br>LUSK MORROW                                    |                        |
| 14. PERMIT NO.                                                                                                                                                                                                   |                    | DATE ISSUED                                                                      |                        |
| 15. DATE SPUDDED<br>06/10/01                                                                                                                                                                                     |                    | 16. DATE T.D. REACHED<br>07/22/01                                                |                        |
| 17. DATE COMPL. (Ready to prod.)<br>08/15/01                                                                                                                                                                     |                    | 18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*<br>3636' GR                              |                        |
| 19. ELEV. CASINGHEAD                                                                                                                                                                                             |                    | 20. TOTAL DEPTH, MD & TVD<br>13098'                                              |                        |
| 21. PLUG, BACK T.D., MD & TVD<br>13062'                                                                                                                                                                          |                    | 22. IF MULTIPLE COMPL., HOW MANY*                                                |                        |
| 23. INTERVALS DRILLED BY                                                                                                                                                                                         |                    | ROTARY TOOLS<br>0-13098'                                                         |                        |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*<br>12584' - 12723' MORROW                                                                                                          |                    | 25. WAS DIRECTIONAL SURVEY MADE<br>No                                            |                        |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN<br>DLL, CSNG                                                                                                                                                                |                    | 27. WAS WELL CORED<br>No                                                         |                        |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                               |                    |                                                                                  |                        |
| CASING SIZE/GRADE                                                                                                                                                                                                | WEIGHT, LB./FT.    | DEPTH SET (MD)                                                                   | HOLE SIZE              |
| 13 3/8" H40                                                                                                                                                                                                      | 48#                | 1127'                                                                            | 17 1/2"                |
| 8 5/8" J55                                                                                                                                                                                                       | 32#                | 4835'                                                                            | 12 1/4"                |
| 4 1/2" M95-110                                                                                                                                                                                                   | 11.6#              | 13062'                                                                           | 7 7/8"                 |
| TOP OF CEMENT, CEMENTING RECORD                                                                                                                                                                                  |                    | AMOUNT PULLED                                                                    |                        |
| 950 SX                                                                                                                                                                                                           |                    | CIRC 166 SX                                                                      |                        |
| 1850 SX                                                                                                                                                                                                          |                    | CIRC 165 SX                                                                      |                        |
| 200 SX                                                                                                                                                                                                           |                    |                                                                                  |                        |
| 29. LINER RECORD                                                                                                                                                                                                 |                    |                                                                                  |                        |
| SIZE                                                                                                                                                                                                             | TOP (MD)           | BOTTOM (MD)                                                                      | SACKS CEMENT*          |
| SCREEN (MD)                                                                                                                                                                                                      |                    | SIZE                                                                             |                        |
| 2 3/8"                                                                                                                                                                                                           |                    | TUBING RECORD                                                                    |                        |
| DEPTH SET (MD)                                                                                                                                                                                                   |                    | PACKER SET (MD)                                                                  |                        |
| 12480'                                                                                                                                                                                                           |                    |                                                                                  |                        |
| 30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                   |                    |                                                                                  |                        |
| DEPTH INTERVAL (MD)                                                                                                                                                                                              |                    | AMOUNT AND KIND OF MATERIAL USED                                                 |                        |
| 12584' - 12723'                                                                                                                                                                                                  |                    | 500 GAL 10% MSA ACID                                                             |                        |
| 12584' - 12723'                                                                                                                                                                                                  |                    | FRAC W/ 3817 GAL FL & 975 SX SAND                                                |                        |
| 31. PERFORATION RECORD (Interval, size and number)<br>12584' - 12723' (192 SHOTS)                                                                                                                                |                    |                                                                                  |                        |
| 32. PRODUCTION                                                                                                                                                                                                   |                    |                                                                                  |                        |
| DATE FIRST PRODUCTION<br>08/24/01                                                                                                                                                                                |                    | PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)<br>FLOWING |                        |
| WELL STATUS (Producing or shut-in)<br>P                                                                                                                                                                          |                    |                                                                                  |                        |
| DATE OF TEST<br>08/24/01                                                                                                                                                                                         | HOURS TESTED<br>24 | CHOKE SIZE<br>11.5/64"                                                           | PROD'N FOR TEST PERIOD |
| FLOW. TUBING PRESS.<br>1200                                                                                                                                                                                      | CASING PRESSURE    | CALCULATED 24-HOUR RATE                                                          | OIL---BBL.<br>12       |
| GAS---MCF.<br>414                                                                                                                                                                                                |                    | WATER---BBL.<br>47                                                               |                        |
| OIL GRAVITY-API (CORR.)                                                                                                                                                                                          |                    |                                                                                  |                        |
| 33. * DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>SOLD                                                                                                                                             |                    |                                                                                  |                        |
| 34. LIST OF ATTACHMENTS<br>LOGS, DEVIATION SURVEY                                                                                                                                                                |                    |                                                                                  |                        |
| 35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records                                                                                |                    |                                                                                  |                        |
| SIGNED<br>[Signature]                                                                                                                                                                                            |                    | TITLE PRODUCTION ANALYST                                                         |                        |



\*(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.

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10/1/01

37. SUMMARY OF POROUS ZONES: (Sh. all important zones of porosity and contents ti of; 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          | MEAS. DEPTH | TOP | TRUE<br>VERT. DEPTH |
|---------------|-------------|-----|---------------------|
|               |             |     |                     |
| RUSTLER       | 1028'       |     |                     |
| YATES         | 2948'       |     |                     |
| QUEEN         | 3834'       |     |                     |
| DELAWARE      | 5370'       |     |                     |
| BONE SPRINGS  | 7132'       |     |                     |
| WOLFCAMP LIME | 10458'      |     |                     |
| STRAWN        | 11500'      |     |                     |
| ATOKA         | 11813'      |     |                     |
| MORROW        | 12383'      |     |                     |
| CHESTER       | 13008'      |     |                     |

| NAME | MEAS. DEPTH | TOP | TRUE<br>VERT. DEPTH |
|------|-------------|-----|---------------------|
|      |             |     |                     |

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OPERATOR: MARBOB ENERGY  
WELL/LEASE: DOROTHY McKAY FED. #2  
COUNTY: LEA

505/305-0099

AUG 03 2001

STATE OF NEW MEXICO  
DEVIATION REPORT

|       |       |        |       |
|-------|-------|--------|-------|
| 282   | 1/2   | 9,220  | 1/4   |
| 697   | 3/4   | 9,719  | 3/4   |
| 1,127 | 3/4   | 10,218 | 3 1/4 |
| 1,362 | 3/4   | 10,316 | 3     |
| 1,603 | 3/4   | 10,452 | 3     |
| 1,901 | 3/4   | 10,547 | 2     |
| 2,122 | 1     | 10,621 | 2     |
| 2,312 | 1     | 10,741 | 1     |
| 2,692 | 1 1/4 | 10,841 | 1/4   |
| 3,191 | 3 1/4 | 11,340 | 2     |
| 3,296 | 2 1/2 | 11,832 | 2 1/4 |
| 3,386 | 2     | 11,973 | 2 1/4 |
| 3,488 | 1 3/4 | 12,460 | 2     |
| 3,583 | 1 3/4 | 13,098 | 2     |
| 3,680 | 2     |        |       |
| 3,790 | 1     |        |       |
| 3,870 | 1 1/4 |        |       |
| 3,995 | 1 1/2 |        |       |
| 4,085 | 1 3/4 |        |       |
| 4,281 | 1 1/2 |        |       |
| 4,581 | 1 3/4 |        |       |
| 4,835 | 1 3/4 |        |       |
| 5,089 | 3/4   |        |       |
| 5,588 | 1     |        |       |
| 6,074 | 3/4   |        |       |
| 6,573 | 1/2   |        |       |
| 7,072 | 3/4   |        |       |
| 7,556 | 1     |        |       |
| 8,010 | 1     |        |       |
| 8,510 | 1/2   |        |       |
| 8,627 | 1/2   |        |       |

By: Steve Moore

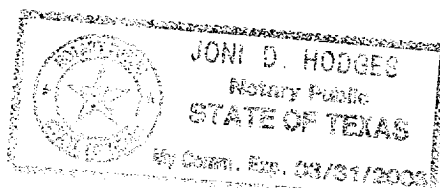
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 2nd day of August, 2001, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges  
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003



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