

NEW OIL CONS. COMMISSION  
Drawer DD  
Atmosia, NM 88210

Form 3160-4  
(October 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

FOR APPROVED  
OMB NO. 1004-0137  
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|                                                                                                                                                                                                                                                                          |  |                                                                                                                                                                                         |  |                                                    |  |                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------|--|--------------------------------------------------------------------------------|--|
| 1. TYPE OF WELL:<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>                                                                                                           |  | 2. NAME OF OPERATOR<br>MCKAY OIL CORPORATION                                                                                                                                            |  | 14. PERMIT NO.                                     |  | DATE ISSUED<br>OCT 28 1993                                                     |  |
| 3. TYPE OF COMPLETION:<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RENVR. <input checked="" type="checkbox"/> Other <input type="checkbox"/> Re-Entry/Recompletion |  | 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*<br>At surface 1980 FWL & 660 FNL<br>At top prod. interval reported below<br>At total depth |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>NM 34647    |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                                           |  |
| 7. FARM OR LEASE NAME, WELL NO.<br>Charolette McKay Com #3                                                                                                                                                                                                               |  | 8. API WELL NO.<br>30-015-21561                                                                                                                                                         |  | 9. FIELD AND POOL, OR WILDCAT<br>Dagger Draw South |  | 10. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA<br>Sec. 25-20S-24E           |  |
| 11. DATE SPUDDED<br>11-18-92                                                                                                                                                                                                                                             |  | 12. DATE T.D. REACHED<br>7-16-93                                                                                                                                                        |  | 13. ELEVATIONS (DF, RKB, RT, GR, ETC.)*            |  | 14. ELEV. CASINGHEAD                                                           |  |
| 15. TOTAL DEPTH, MD & TVD<br>9810                                                                                                                                                                                                                                        |  | 16. PLUG BACK T.D., MD & TVD<br>7300'                                                                                                                                                   |  | 17. IF MULTIPLE COMPL., HOW MANY*                  |  | 18. INTERVALS DRILLED BY<br>X                                                  |  |
| 19. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*<br>6774' - 6800' Wolfcamp                                                                                                                                                                  |  | 20. WAS DIRECTIONAL SURVEY MADE<br>No                                                                                                                                                   |  | 21. WAS WELL CORRED<br>No                          |  | 22. TYPE ELECTRIC AND OTHER LOGS RUN<br>Cement Bond, GR Corr. & Collar Locator |  |
| 23. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                       |  |                                                                                                                                                                                         |  |                                                    |  |                                                                                |  |
| CASING SIZE/GRADE<br>5 1/2"                                                                                                                                                                                                                                              |  | WEIGHT, LB./FT.<br>17#                                                                                                                                                                  |  | DEPTH SET (MD)<br>8270                             |  | HOLE SIZE                                                                      |  |
| TOP OF CEMENT, CEMENTING RECORD<br>325 sxs + 500 sxs. Lite cmt + 100 sxs. Class "C"                                                                                                                                                                                      |  | AMOUNT PULLED                                                                                                                                                                           |  |                                                    |  |                                                                                |  |
| 24. LINER RECORD                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                         |  |                                                    |  |                                                                                |  |
| SIZE<br>2 7/8"                                                                                                                                                                                                                                                           |  | TOP (MD)<br>7641'                                                                                                                                                                       |  | BOTTOM (MD)                                        |  | PACKER SET (MD)                                                                |  |
| 25. TUBING RECORD                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                         |  |                                                    |  |                                                                                |  |
| SIZE<br>2 7/8"                                                                                                                                                                                                                                                           |  | TOP (MD)<br>7641'                                                                                                                                                                       |  | BOTTOM (MD)                                        |  | PACKER SET (MD)                                                                |  |
| 26. PERFORATION RECORD (Interval, size and number)<br>6774' - 6800'                                                                                                                                                                                                      |  |                                                                                                                                                                                         |  |                                                    |  |                                                                                |  |
| 27. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                                                                                                                                                                                                                           |  |                                                                                                                                                                                         |  |                                                    |  |                                                                                |  |
| DEPTH INTERVAL (MD)<br>6774 - 6800                                                                                                                                                                                                                                       |  | AMOUNT AND KIND OF MATERIAL USED<br>acidize w/2000 gals 15% acid.                                                                                                                       |  |                                                    |  |                                                                                |  |
| 28. PRODUCTION                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                         |  |                                                    |  |                                                                                |  |
| DATE FIRST PRODUCTION<br>7-19-93                                                                                                                                                                                                                                         |  | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)<br>Flowing                                                                                                         |  |                                                    |  | WELL STATUS (Producing or shut-in)<br>Producing                                |  |
| DATE OF TEST<br>7-19-93                                                                                                                                                                                                                                                  |  | HOURS TESTED<br>7                                                                                                                                                                       |  | CHOKE SIZE<br>variable                             |  | PROD'N. FOR TEST PERIOD<br>0                                                   |  |
| OIL—BBL.<br>0                                                                                                                                                                                                                                                            |  | GAS—MCF.<br>348                                                                                                                                                                         |  | WATER—BBL.<br>0                                    |  | GAS-OIL RATIO                                                                  |  |
| FLOW. TUBING PRESS.<br>460-2020                                                                                                                                                                                                                                          |  | CASING PRESSURE<br>NA                                                                                                                                                                   |  | CALCULATED 24-HOUR RATE<br>0                       |  | OIL GRAVITY-API (CORR.)<br>NA                                                  |  |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                                                                                                       |  |                                                                                                                                                                                         |  |                                                    |  | TEST WITNESSED BY<br>Keltic Services                                           |  |
| 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 Theresa Rodriguez                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                         |  | TITLE Production Analyst                           |  | DATE 10/1/93                                                                   |  |

### 38. GEOLOGIC MARKERS

| FORMATION |  | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME     | TOP         |                  |
|-----------|--|-----|--------|-----------------------------|----------|-------------|------------------|
|           |  |     |        |                             |          | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |  |     |        |                             | Wolfcamp | 6170        |                  |