## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

OCD- Artesia.

## **SUNDRY NOTICES AND REPORTS ON WELLS**

NMNM120349

| Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.  SUBMIT IN TRIPLICATE - Other instructions on reverse side.  |   |                    |  |                | 6. If Indian, Allottee or Tribe Name     7. If Unit or CA/Agreement, Name and/or No. |  |              |
|--|---|--------------------|--|----------------|--|--|--------------|
|  |   |                    |  |                |  |  | Type of Well |
| ☑ Oil Well ☐ Gas Well ☐ Other  |   |                    |  |                | CARBON VALLE   | Y 26 FED COM 2H                          |              |
| Name of Operator Contact: CINDY COTTRELL     MURCHISON OIL & GAS INC E-Mail: ccottrell@jdmii.com   |   |                    |  |                | 9. API Well No.<br>30-015-37684-00-X1  |  |              |
| 1100 MIRA VISTA BLVD Ph: 9   |   |                    | Phone No. (include area code)<br>972-931-0700 Ext: 109<br>972-931-0701 |                | 10. Field and Pool, or Exploratory DOG CANYON  |  |              |
| 4. Location of Well (Footage, Sec., 7  |   |                    | 11. County or Parish, and State  |                |  |  |              |
| Sec 26 T16S R27E SESE 990FSL 250FEL  |   |                    |  | ·              | EDDY COUNTY, NM  |  |              |
| 12. CHECK APPI   | ROPRIATE BOX(ES) TO                                     | ) INDICATE         | NATURE OF  | NOTICE, RI     | EPORT, OR OTHE   | R DATA                                   |              |
| TYPE OF SUBMISSION   | JBMISSION TYPE OF ACTION                                |                    |  |                |  |  |              |
| - Notice of Intent   | Acidize   | □ Dee              | Deepen   |                | ion (Start/Resume)   | ☐ Water Shut-Off                         |              |
| □ Notice of Intent   | ☐ Alter Casing  | □ Frac             | Fracture Treat   |                | ation  | ☐ Well Integrity                         |              |
| Subsequent Report  | Casing Repair   | ☐ New Construction |  | Recomplete     |  | Other Drilling Operation                 |              |
| Final Abandonment Notice   | Change Plans  | □ Plug             | and Abandon  | Tempor         | arily Abandon  | Drilling Operation                       |              |
|  | Convert to Injection                                    | □ Plug             | Plug Back  |                | Disposal   |  |              |
| testing has been completed. Final Abandonment Notices shall be filed only determined that the site is ready for final inspection.)  10/30/10 - Ran 2-7/8 in. tubing & 7 in. casing as follows:  1 2-7/8 in. bullnose shoe - 1 ft. 5 jts 2-7/8 in. 6.5 lb L-80 steel tbg - 163 ft. 21 jts 2-7/8 in. 1.27 lb SP8-2K fiberglass tbg - 608 ft. 1 aluminum XO 2-7/8 in. EUE x 7 in. LTC - 1 ft. 1 7 in. collar HCP-110 - 1 ft. 1 7 in. float collar - 1 ft. 1 jt 7 in. 26 lb HCP-110 - 43 ft. 1 7 in. float collar - 1 ft. 132 jts. 7 in. 26 lb HCP-110 - 5642 ft. Total 6461 ft. |   |                    | requirements, met  | Ming recommend | RECEIV<br>NOV 2 9 2<br>NMOCD AR  | ED  <br>010                              |              |
| 14. Thereby certify that the foregoing is  | true and correct. Electronic Submission #               | 107025 varifie     | I by the DI M We   | U Information  | System   | <del></del>                              |              |
| Con  | For MURCHIS<br>For MURCHIS<br>nmitted to AFMSS for proc | ON OIL & GA        | S INC, sent to the   | ne Carlsbad    |  |  |              |
| Name (Printed/Typed) ARNOLD  | NALL  |                    | Title VICE I   | PRESIDENT      | OPERATIONS   | - M. |              |
| Signature (Electronic  | Submission)   |                    | Date 11/09/  | 2010           |  |  |              |
|  | THIS SPACE FO   | OR FEDERA          | L OR STATE   | OFFICE U       | SE   |  |              |
| Approved By ACCEPTED   |   |                    | JAMES A AMOS<br>TitleSUPERVISOR EPS                                    |                | Date 11/21/2   |  |              |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant of certify that the applicant holds legal or equitable title to those rights in the subject least which would entitle the applicant to conduct operations thereon.  |   |                    | Office Carlsba   | ad             |  | 2010                                     |              |

## Additional data for EC transaction #97025 that would not fit on the form

## 32. Additional remarks, continued

Set 7 in. casing at 5682 ft. with bottom of 2-7/8 in. tubing stinger at 6455 ft. Cement: lead w/900 sxs Econocem-HLC w/3% salt + 5 lb/sx Gilsonite mixed at 12.9 PPG, 1.83 yield, 9.17 GPS water; tail w/700 sxs Halcem-H + 0.8% CFR-3 mixed at 17 PPG, 1.0 yield, 3.89 GPS water. Bump plug w/2350 psi. Circ 383 sxs to catch tank. Float equipment held.

10/31/10 - Nipple down BOP, set slips & cut off 7 in. csg. Install wellhead "B" section. Nipple up BOP & test to 250 psi low & 5000 psi high. Test annular to 250 psi low & 3000 psi high. Held OK. WOC 22.25 hrs. Drill cement & float collar from 5620 ft. to 5660 ft. Test casing to 1200 psi - OK. Drill cement, float collar & XO from 5660 ft. to 5754 ft.

11/1/10 - Trip out of hole, pick up 6-1/8 in. bit, curve BHA & resume drilling formation at 5754 ft.