

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 31 2010

NMOCD ARTESIA

FORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## 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 ☐ Deepen ☐ Plug Back ☐ Drill Resrv.  
Other2 Name of Operator  
MURCHISON OIL & GAS, INC.3 Address 1100 MIRA VISTA BLVD  
PLANO, TX. 75093-48983a Phone No. (include area code)  
972-931-0700

4 Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 2640' FNL &amp; 150' FEL, UNIT H

At top prod. interval reported below

At total depth, 2318' FNL &amp; 575' FWL, UNIT E

14 Date Spudded  
09/03/200915 Date I.D. Reached  
10/05/200916 Date Completed 01/26/2010  
☐ D & A ☒ Ready to Prod.17 Elevations (DT, RKB, RT, GL)\*  
GL 3505' RKB 3524'18 Total Depth MD 10780'  
TVD 6315'19 Plug Back T.D.: MD  
TVD20 Depth Bridge Plug Set MD  
TVD21 Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NEUTRON DENSITY-GR, CALIPER, COMPENSATED NEUTRON-GR22 Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

## 23 Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt (lb/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12-1/4"   | 9-5/8"     | 36#         | SURF     | 1120'       | N/A                  | 620                         |                   | SURF        |               |
| 8-3/4"    | 7"         | 26#         | SURF     | 5700'       | N/A                  | 1620                        |                   | SURF        |               |
| 6-1/8"    | 4-1/2"     | 11.6#       | 5544'    | 10608'      | N/A                  | Peak OH Com.                |                   | N/A         |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

## 24 Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| N/A  |                |                   |      |                |                   |      |                |                   |

## 25 Producing Intervals

| Formation   | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|-------|--------|---------------------|------|-----------|--------------|
| A) WOLFCAMP | 6553' | 10780' | 6553' - 10780'      |      | 10-Stage  | OPEN         |
| B)          |       |        |                     |      | System    |              |
| C)          |       |        |                     |      |           |              |
| D)          |       |        |                     |      |           |              |

## 27 Acid, Fracture, Treatment, Cement Squeeze, etc

| Depth Interval | Amount and Type of Material                                                                                     |
|----------------|-----------------------------------------------------------------------------------------------------------------|
| 6553' - 10780' | Frac w/ 1,073,140# 30/50 Premium White sand plus 810 bbls 20% HCL acid plus 35,709 bbls SilverStim LT-R(21) gel |

## 28 Production - Interval A

| Date First Produced | Test Date         | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 11/15/09            | 1/26/10           | 24           | →               | 553     | 1459    | 52        | 43.8                  |             | Flowing           |
| Choke Size          | Log Press Flwg SI | Csg. Press   | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
| 36/64               | N/A               | 260          | →               | 553     | 1459    | 52        | 2638:1                | Producing   |                   |

## 28a Production - Interval B

| Date First Produced | Test Date         | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                   |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Log Press Flwg SI | Csg. Press   | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     |                   |              | →               |         |         |           |                       |             |                   |

\*(See instructions and spaces for additional data on page 2)

RECEIVED FOR RECORD

FEB 21 2010

  
J. L. MOORE  
BUREAU OF LAND MANAGEMENT  
3160 FIELD OFFICE

## 28b Production - Interval C

| Date First Produced | Test Date   | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |             |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Flwg. Press | Csg. Press   | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     | SI          |              | →               |         |         |           |                       |             |                   |

## 28c Production - Interval D

| Date First Produced | Test Date   | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |             |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Flwg. Press | Csg. Press   | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     | SI          |              | →               |         |         |           |                       |             |                   |

## 29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD - DCIP MIDSTREAM

## 30 Summary of Porous Zones (Include Aquifers)

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.

## 31 Formation (Log) Markers

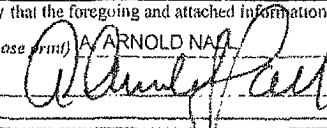
| Formation       | Top  | Bottom | Descriptions, Contents, etc | Name     | Top        |
|-----------------|------|--------|-----------------------------|----------|------------|
|                 |      |        |                             |          | Meas Depth |
| DOLOMITE        | 8788 | 8880   | OIL/GAS                     | WOLFCAMP | 6553       |
| DOLOMITE / LIME | 8880 | 8880   | OIL/GAS                     |          |            |
| DOLOMITE        | 8880 | 9390   | OIL/GAS                     |          |            |
| LIME            | 9390 | 9980   | OIL/GAS                     |          |            |
| DOLOMITE        | 9980 | 10760  | OIL/GAS                     |          |            |

## 32. Additional remarks (include plugging procedure)

## 33 Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☒ Directional Survey  
☐ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) ARNOLD NAGTitle VP OPERATIONSSignature Date 01/27/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

(Continued on page 3)

(Form 3160-4, page 2)