

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD- Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

|  |  |   |  |
|--|--|---|--|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other  |  | 5. Lease Serial No.<br>NMNM19423  |  |
| b. Type of Completion. <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input checked="" type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv.,<br>Other: _____  |  | 6. If Indian, Allottee or Tribe Name                                      |  |
| 2. Name of Operator<br>MURCHISON OIL & GAS, INC.   |  | 7. Unit or CA Agreement Name and No.<br>NM72042                           |  |
| 3. Address 1100 MIRA VISTA BLVD.<br>PLANO, TX 75093-4898   |  | 8. Lease Name and Well No.<br>WHITE CITY FED 10 COM 1                     |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>SWNE 1650' FNL & 1650' FEL<br>At surface<br><br>At top prod. interval reported below<br><br>At total depth   |  | 9. API Well No.<br>30-015-22396   |  |
| 14. Date Spudded   |  | 10. Field and Pool or Exploratory<br>WHITE CITY: PENN (GAS) K6            |  |
| 15. Date T.D. Reached  |  | 11. Sec., T., R., M., on Block and<br>Survey or Area<br>SEC. 10 T25S R26E |  |
| 16. Date Completed 08/09/2003<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.   |  | 12. County or Parish<br>EDDY  |  |
| 17. Elevations (DF, RKB, RT, GL)*<br>3,384' GL; 3,399' KB  |  | 13. State<br>NM   |  |
| 18. Total Depth. MD<br>TVD   |  | 19. Plug Back T.D.: MD 10,615'<br>TVD                                     |  |
| 20. Depth Bridge Plug Set: MD 10,650'<br>TVD   |  | 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)       |  |
| 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report)<br>Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy) |  |   |  |

| 23. Casing and Liner Record (Report all strings set in well) |              |            |          |             |                      |                             |                   |             |               |
|--|--------------|------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| Hole Size  | Size/Grade   | Wt (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
| 20"  | 16" H-40     | 65         | SURF     | 223'        |                      |                             |                   |             |               |
| 14 3/4"  | 10 3/4" K-55 | 40.5       | SURF     | 1784'       |                      |                             |                   |             |               |
| 9 1/2"   | 7 5/8" S-95/ | 29.7/26.4  | 2832'    | 8576'       |                      |                             |                   |             |               |
|  | N-80         |            |          |             |                      |                             |                   |             |               |
|  | 5" N-80      | 15 / 18    | 8214'    | 12006'      |                      |                             |                   |             |               |

| 24. Tubing Record       |                |                   |         |                     |                        |           |                |                   |  |
|-------------------------|----------------|-------------------|---------|---------------------|------------------------|-----------|----------------|-------------------|--|
| Size                    | Depth Set (MD) | Packer Depth (MD) | Size    | Depth Set (MD)      | Packer Depth (MD)      | Size      | Depth Set (MD) | Packer Depth (MD) |  |
|                         |                |                   |         |                     |                        |           |                |                   |  |
| 25. Producing Intervals |                |                   |         |                     | 26. Perforation Record |           |                |                   |  |
| Formation               |                | Top               | Bottom  | Perforated Interval | Size                   | No. Holes | Perf Status    |                   |  |
| A) CISCO/CANYON         |                | 10,226'           | 10,538' | 10,260' - 10,414'   |                        | 150       | FLOWING        |                   |  |
| B)                      |                |                   |         |                     |                        |           |                |                   |  |
| C)                      |                |                   |         |                     |                        |           |                |                   |  |
| D)                      |                |                   |         |                     |                        |           |                |                   |  |

| 27. Acid, Fracture, Treatment, Cement Squeeze, etc |                               |
|--|-------------------------------|
| Depth Interval                                     | Amount and Type of Material   |
| 10,260' - 10,414'                                  | 4000 GALS 20% HCL GELLED ACID |
|  |                               |
|  |                               |

| 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 |
| 08/09/03                    | 08/12/03             | 24           | →               | 0       | 5       | 0         | N/A                   | .65         | FLOWING           |
| Choke Size                  | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
| 18/64                       | 210                  |              | →               | 0       | 5       | 0         | N/A                   | 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                   | Tbg. 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  
AUG 18 2011  
NMOCD ARTESIA

ACCEPTED FOR RECORD

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

FOR RECORD ONLY

## 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          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

## 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          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio         | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

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

## 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.

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name | Top         |
|-----------|-----|--------|------------------------------|------|-------------|
|           |     |        |                              |      | Meas. Depth |
|           |     |        |                              |      |             |

## 32. Additional remarks (include plugging procedure):

PLUGGED BACK ATOKA AND STRAWN AND RECOMPLETED IN CISCO CANYON.

## 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) TOMMY FOLSOM

Title OPERATIONS MANAGER

Signature

Date

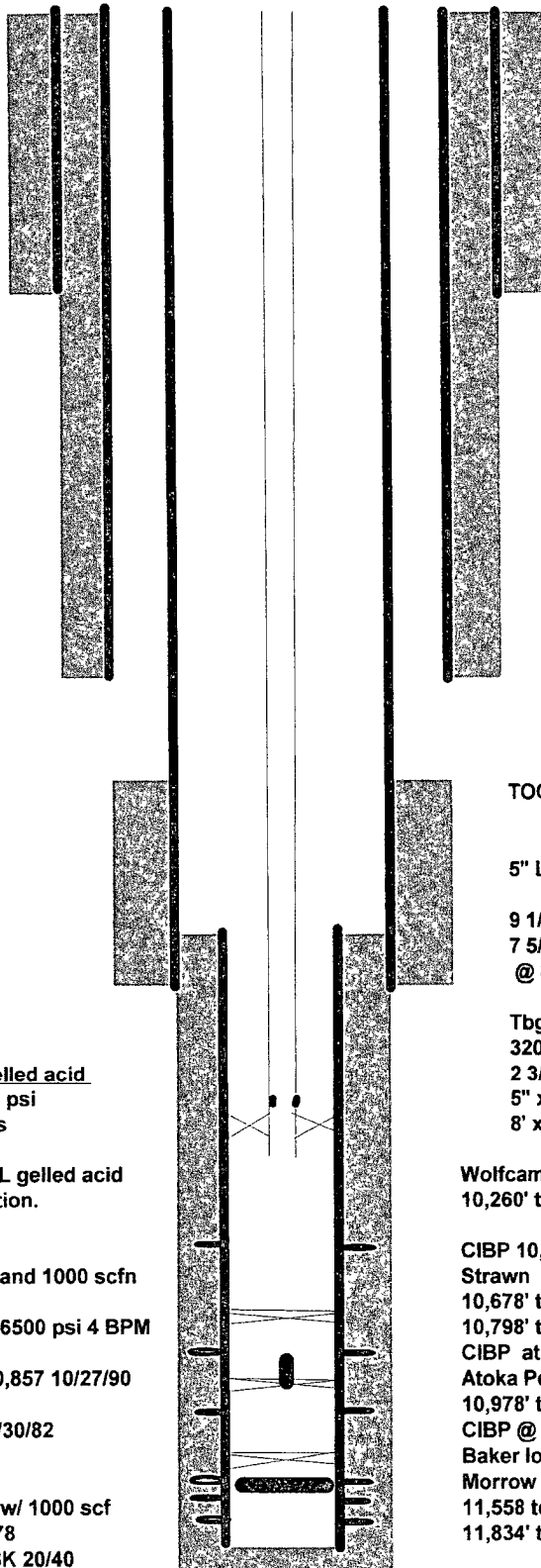
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

MURCHISON OIL AND GAS, INC.  
 White City 10 Federal #1  
 SEC. 10, T-25S,R-26E  
 1650' FNL AND 1650' FEL  
 EDDY COUNTY, NEW MEXICO  
 API # 30-015-22396

GL: 3,384'  
 KB: 3,399'



20" HOLE  
 16" 65# H-40 ST&C  
 @ 223' CMT CIR

14 3/4" HOLE  
 10 3/4" 40.5# K-55, ST&C  
 @ 1,784' CMT CIR.

TOC by CBL 2,832'

5" Liner Top @ 8,214'

9 1/2" HOLE  
 7 5/8" 29.7# & 26.4# S-95 & N-80  
 @ 8576'

Tbg Detail  
 320 jts 2 3/8" N-80 8rd 4.7# 8rd  
 2 3/8" sn  
 5" x 2 3/8" Baker Loc set packer @ 10,174'  
 8' x 2 3/8" N-80 8rd 4.7# 8rd tbg sub

Wolfcamp  
 10,260' to 10,414' 150 holes 7/11/03

CIBP 10,650' cap w/ 35' cmt PBD 10,615'  
 Strawn  
 10,678' to 10,691' 06/13/90  
 10,798' to 10,804' re-perfed by TCP 10/26/90  
 CIBP at 10,903' capped w/ 35' cmt 10,868'  
 Atoka Perfs  
 10,978' to 10,988'  
 CIBP @ 11,400' w/ 35' cmt @ 11,365'  
 Baker lokset pushed to 11,436'  
 Morrow perforations  
 11,558 to 11,591' 07/28/82 added  
 11,834' to 11,966'

6 1/8" HOLE  
 5 " 17# & 18# N -80 LT&C  
 @ 8,214' to 12,006' CMT w/ 525 sxs cmt cir

Acid treated w/ 4000 gals 20% gelled acid  
 @ 4.3 BPM at 5811 psi ISIP 3980 psi  
 dropped 150 1.3 RCN ball sealers  
 7/14/03

Acid treated 10,000 gals 15% HCL gelled acid  
 13.5 BPM 7300 PSI good ball action.  
 ISIP 4043 psi - 15 min. 3975 psi  
 8-5-03

Acid treated 3500 gals 10% HCL and 1000 scfn  
 ISIP 4550 psi 6/13/90  
 Acid treated 4000 gals 10% HCL 6500 psi 4 BPM  
 10-27-90  
 TCP 81' guns dropped TOG @ 10,857 10/27/90

Acid treated w/ 1680 MSR acid 7/30/82  
 ISIP 3400PSI  
 Morrow Perfs 11,834' to 11,966'  
 Acid treated 3000 gals 10% HCL w/ 1000 scf  
 nitrogen/Bbl. ISIP 5000 psi 7/02/78  
 Frac treated w/20K 100 mesh, 48K 20/40  
 & 2K 20/40 glass beads ISIP 5250 07/27/78