

9/20/2013

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM048989

|   |  |   |  |                                      |  |
|---|--|---|--|--------------------------------------|--|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Other: CBM  |  |   | 6. If Indian, Allottee or Tribe Name   |                                      |  |
| b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr.<br>Other _____   |  |   | 7. Unit or CA Agreement Name and No.   |                                      |  |
| 2. Name of Operator<br>DUGAN PRODUCTION CORPORATION   |  |   | 8. Lease Name and Well No.<br>MANCINI 3  |                                      |  |
| 3. Address<br>FARMINGTON, NM 87499  |  |   | 9. API Well No.<br>30-045-34757-00-S1  |                                      |  |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)*<br>At surface NWNE 990FNL 1750FEL 36.144250 N Lat, 107.666300 W Lon<br>At top prod interval reported below NWNE 990FNL 1750FEL 36.144250 N Lat, 107.666300 W Lon<br>At total depth NWNE 990FNL 1750FEL 36.144250 N Lat, 107.666300 W Lon |  |   | 10. Field and Pool, or Exploratory<br>BASIN FRUITLAND COAL   |                                      |  |
| 14. Date Spudded<br>10/19/2011  |  |   | 11. Sec., T., R., M., or Block and Survey<br>or Area Sec 15 T22N R8W Mer NMP   |                                      |  |
| 15. Date T.D. Reached<br>10/26/2011   |  |   | 12. County or Parish<br>SAN JUAN   |                                      |  |
| 16. Date Completed<br><input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod.<br>09/09/2013  |  |   | 13. State<br>NM  |                                      |  |
| 17. Elevations (DF, KB, RT, GL)*<br>6627 GL   |  |   |  |                                      |  |
| 18. Total Depth: MD 1020<br>TVD 1020  |  | 19. Plug Back T.D.: MD 1012<br>TVD 1012 |  | 20. Depth Bridge Plug Set: MD<br>TVD |  |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)<br>GR-CCL-CNL   |  |   | 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 analysis)<br>Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) |                                      |  |

## 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 |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 12.250    | 8.625 J-55 | 24.0        |          | 129         |                      | 120                         |                   |             |               |
| 7.875     | 5.500 J-55 | 15.5        |          | 1012        |                      | 174                         |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

2013 SEP 26 11:3  
OIL CONS. DIV.  
DIST. 3

## 24. Tubing Record

| Size  | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 880            |                   |      |                |                   |      |                |                   |

## 25. Producing Intervals

| Formation         | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------------|-----|--------|---------------------|------|-----------|--------------|
| A) FRUITLAND COAL | 832 | 850    | 832 TO 850          |      | 72        |              |
| B)                |     |        |                     |      |           |              |
| C)                |     |        |                     |      |           |              |
| D)                |     |        |                     |      |           |              |

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material                    |
|----------------|--|
| 832 TO 850     | 400 GALS 15% HCL; 73,000# SAND; 320 BBLs FLUID |
|                |  |
|                |  |

## 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 |
|---------------------|----------------------|----------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| A                   | 09/10/2013           | 24             | →               | 0.0     | 60.0    | 82.0      |                       |             | FLOWS FROM WELL   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press. SI | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 2"                  | 0                    | 190.0          | →               | 0       | 60      | 82        |                       | GSI         |                   |

## 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. SI | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     |                      |                | →               |         |         |           |                       |             |                   |

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #220728 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

ACCEPTED FOR RECORD

SEP 23 2013

NMOCDA

FARMINGTON FIELD OFFICE  
BY William Tambeken

## 28b. Production - Interval C

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | 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<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |

## 28c. Production - Interval D

|                     |                      |              |                      |         |         |           |                       |             |                   |
|---------------------|----------------------|--------------|----------------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| Date First Produced | Test Date            | Hours Tested | Test Production<br>→ | 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<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
CAPTURED

## 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                   |
|           |     |        |                              | NACIMIENTO<br>OJO ALAMO<br>KIRTLAND<br>FRUITLAND<br>PICTURED CLIFFS | 0<br>139<br>230<br>533<br>854 |

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

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

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

Electronic Submission #220728 Verified by the BLM Well Information System.  
For DUGAN PRODUCTION CORPORATION, sent to the Farmington  
Committed to AFMSS for processing by WILLIAM TAMBEKOU on 09/23/2013 (13WMT0037SE)

Name (please print) JOHN C ALEXANDERTitle VICE-PRESIDENT

Signature \_\_\_\_\_ (Electronic Submission)

Date 09/20/2013

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***