

HOBBS OCD

MAR 31 2014

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division Hobbs District Office

RECEIVED

BRADENHEAD TEST REPORT

|   |                             |
|---|-----------------------------|
| Operator Name:<br>QUANTUM RESOURCES MANAGEMENT, LLC (#243874) | API Number:<br>30-025-37993 |
| Property Name:<br>Encore 36 State                             | Well No.:<br>1              |

1. Surface Location

|               |               |                 |              |                   |                   |                   |                  |               |
|---------------|---------------|-----------------|--------------|-------------------|-------------------|-------------------|------------------|---------------|
| UL - Lot<br>J | Section<br>36 | Township<br>16S | Range<br>34E | Feet from<br>1330 | N/S Line<br>South | Feet From<br>1750 | E/W Line<br>East | County<br>LEA |
|---------------|---------------|-----------------|--------------|-------------------|-------------------|-------------------|------------------|---------------|

Well Status

|             |         |                |                 |
|-------------|---------|----------------|-----------------|
| Well Status | SHUT-IN | PRODUCING<br>✓ | DATE<br>3-27-14 |
|-------------|---------|----------------|-----------------|

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

OBSERVED DATA

If bradenhead flowed water, check all of the descriptions that apply:

|                      | (A) Surf-Interm | (B) Interm(1)-Interm(2) | (C) Interm-Prod | (D) Prod Cmg | (E) Tubing |
|----------------------|-----------------|-------------------------|-----------------|--------------|------------|
| Pressure             | 0               |                         | 0               | 220          | 40         |
| Flow Characteristics |                 |                         |                 |              |            |
| Puff                 | Y / N           | Y / N                   | Y / N           | Y / N        |            |
| Steady Flow          | Y / N           | Y / N                   | Y / N           | Y / N        |            |
| Surges               | Y / N           | Y / N                   | Y / N           | Y / N        |            |
| Down to nothing      | Y / N           | Y / N                   | Y / N           | Y / N        |            |
| Gas or Oil           | Y / N           | Y / N                   | Y / N           | Y / N        |            |
| Water                | Y / N           | Y / N                   | Y / N           | Y / N        |            |

If bradenhead flowed water, check all of the descriptions that apply:

|       |       |       |        |       |
|-------|-------|-------|--------|-------|
| CLEAR | FRESH | SALTY | SULFUR | BLACK |
|-------|-------|-------|--------|-------|

Remarks:

INJECTING AT THIS TIME \_\_\_ WTR, \_\_\_ GAS, \_\_\_ CO2

Flowing gas well

Accepted for Record Only

BS 4-18-2014

|                                    |                           |
|------------------------------------|---------------------------|
| Signature: <i>Cam Robbins</i>      | OIL CONSERVATION DIVISION |
| Printed name: Cam Robbins          | Entered into RBDMS        |
| Title: Sr. Production Foreman      | Re-test                   |
| E-mail Address: crobbsins@qraq.com |                           |
| Date: 3-27-14                      | Phone: 575-399-3332       |
|                                    | Witness:                  |

APR 21 2014