

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

FEB 15 2014

BRADENHEAD TEST REPORT

RECEIVED

|                                          |  |                           |
|------------------------------------------|--|---------------------------|
| Operator Name<br>Mack Energy Corporation |  | API Number<br>30-25-37581 |
| Property Name<br>Raven State             |  | Well No.<br>2             |

z Surface Location

|             |              |                 |              |                  |                   |                   |                  |                   |
|-------------|--------------|-----------------|--------------|------------------|-------------------|-------------------|------------------|-------------------|
| UL-Lot<br>B | Section<br>9 | Township<br>18S | Range<br>34E | Feet from<br>990 | N/S Line<br>North | Feet from<br>1650 | E/W Line<br>East | County<br>Lea, NM |
|-------------|--------------|-----------------|--------------|------------------|-------------------|-------------------|------------------|-------------------|

Well Status

|                  |         |                |                   |
|------------------|---------|----------------|-------------------|
| Well Status<br>A | SHUT-IN | PRODUCING<br>D | DATE<br>2/12/2014 |
|------------------|---------|----------------|-------------------|

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

OBSERVED DATA

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

|                      | (A)Surf-Interm | (B)Interm(1)-Interm(2) | (C)Interm-Prod | (D)Prod-Tubing | (E) Tubing |
|----------------------|----------------|------------------------|----------------|----------------|------------|
| Pressure             | 0 psi          |                        |                | 35#            | 35#        |
| 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          |            |
| Downtorthing         | 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:

35# line pressure

Accepted for Record Only

MJB 2/26/2014

|                                     |                           |
|-------------------------------------|---------------------------|
| Signature: <i>Jerry W. Sherrell</i> | OIL CONSERVATION DIVISION |
| Printed Name: Jerry W. Sherrell     | Entered into RBDMS        |
| Title: Production Clerk             | Re-test                   |
| E-mail Address: jerrys@mec.com      |                           |
| Date: 2-13-2014                     | Phone: 575-748-1288       |
| Witness: <i>Adam Wally</i>          |                           |

FEB 24 2014