

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

BRADENHEAD TEST REPORT

HOBBS OCD  
APR 02 2013

|                                           |                                   |
|-------------------------------------------|-----------------------------------|
| Operator Name<br><i>Cimarex Energy Co</i> | API Number<br><i>30-025-31652</i> |
| Property Name<br><i>Hudson 31 Fed</i>     | Well No.<br><i>#1 SWD</i>         |

RECEIVED

| 7. Surface Location  |                      |                       |                     |                          |                      |                         |                      |                      |
|----------------------|----------------------|-----------------------|---------------------|--------------------------|----------------------|-------------------------|----------------------|----------------------|
| UL - Lot<br><i>H</i> | Section<br><i>31</i> | Township<br><i>18</i> | Range<br><i>33E</i> | Feet from<br><i>2310</i> | N/S Line<br><i>N</i> | Feet From<br><i>330</i> | E/W Line<br><i>E</i> | County<br><i>Lea</i> |

Well Status

|             |         |           |      |                  |
|-------------|---------|-----------|------|------------------|
| Well Status | SHUT-IN | PRODUCING | DATE | <i>Injecting</i> |
|-------------|---------|-----------|------|------------------|

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 Casing                                                     | (E)Tubing                                                          |
|----------------------|--------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| Pressure             | <i>10</i>                                                          |                                                         |                                                         | <i>0</i>                                                           | <i>580</i>                                                         |
| Flow Characteristics |                                                                    |                                                         |                                                         |                                                                    |                                                                    |
| Puff                 | <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N |
| Steady Flow          | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N |
| Surges               | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N |
| Down to nothing      | <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N            |
| Gas or Oil           | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N |
| Water                | <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input type="checkbox"/> N | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N | <input type="checkbox"/> Y / <input checked="" type="checkbox"/> N |

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

|                                           |                                           |       |        |       |
|-------------------------------------------|-------------------------------------------|-------|--------|-------|
| CLEAR <input checked="" type="checkbox"/> | FRESH <input checked="" type="checkbox"/> | SALTY | SULFUR | BLACK |
|-------------------------------------------|-------------------------------------------|-------|--------|-------|

Remarks:

|                                                 |                                                            |
|-------------------------------------------------|------------------------------------------------------------|
| Signature: <i>Mark Bishop</i>                   | OIL CONSERVATION DIVISION<br>Entered into RBDMS<br>Re-test |
| Printed name: <i>Mark Bishop</i>                |                                                            |
| Title: <i>Production Foreman</i>                |                                                            |
| E-mail Address: <i>mbishop@cimarex.com</i>      |                                                            |
| Date: <i>3-26-13</i> Phone: <i>575-602-1002</i> |                                                            |
| Witness: <i>X</i>                               |                                                            |

*ELG/ocd 4-1-2013*

APR 03 2013