

HOBBS OCD

MAY 01 2019

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

BRADENHEAD TEST REPORT

| | | | |
|--|--|-----------------------------------|--|
| Operator Name Cimarex Energy Co. | | API Number 30-025-36192 | |
| Property Name Thyme APY Fed. | | Well No. #11 | |

Surface Location

| | | | | | | | | |
|----------------------|---------------------|------------------------|---------------------|--------------------------|----------------------|-------------------------|----------------------|----------------------|
| UL - Lot L | Section 1 | Township 23S | Range 32E | Feet from 1650 | N/S Line S | Feet From 990 | E/W Line W | County LEA |
|----------------------|---------------------|------------------------|---------------------|--------------------------|----------------------|-------------------------|----------------------|----------------------|

Well Status

| | | | | |
|--|--|--|---|------------------------|
| TA'D WELL YES <input type="radio"/> NO <input checked="" type="radio"/> | SHUT-IN YES <input type="radio"/> NO <input checked="" type="radio"/> | INJECTOR INJ <input type="radio"/> SWD <input checked="" type="radio"/> | PRODUCER OIL <input type="radio"/> GAS <input type="radio"/> | DATE 4-25-19 |
|--|--|--|---|------------------------|

OBSERVED DATA

| | (A)Surface | (B)Interm(1) | (C)Interm(2) | (D)Prod Csg | (E)Tubing |
|----------------------|------------|--------------|--------------|-------------|---|
| Pressure | 0 | N/A | N/A | 0 | |
| Flow Characteristics | | | | | |
| Pull | Y/N | Y/N | Y/N | Y/N | CO2 <input type="checkbox"/> |
| Steady Flow | Y/N | Y/N | Y/N | Y/N | WTR <input type="checkbox"/> |
| Surges | Y/N | Y/N | Y/N | Y/N | GAS <input type="checkbox"/> |
| Down to nothing | Y/N | Y/N | Y/N | Y/N | Type of Fluid Injected for Waterflood if applies |
| Gas or Oil | Y/N | Y/N | Y/N | Y/N | |
| Water | Y/N | Y/N | Y/N | Y/N | |

Remarks - Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up, if applies.

| | |
|--|----------------------------|
| Signature: | OIL CONSERVATION DIVISION |
| Printed name: Amitiy Crawford | Entered into RBDMS |
| Title: Regulatory Analyst | Re-test |
| E-mail Address: acrawford@cimarex.com | |
| Date: 4/30/19 | Phone: 432-620-1909 |
| Witness: | |

INSTRUCTIONS ON BACK OF THIS FORM

PERFORMING BRADENHEAD TEST

General Procedure for Bradenhead Test

Identify: All valves prior to testing

Gauges: Install on each casing string to record pressure.

Assure: That all valves are in good working condition and closed at least 24 hours prior to testing.

Open: Each valve (Bradenhead, intermediate and casing valves) is to be opened separately.

Check Gauges: Record pressure on each gauge and casing string on BHT form. Open valves to atmosphere and record results on BHT form.

Designate what applies to the result of opening the valves for each string:

- | | |
|------------------------|-----------|
| • Blow or Puff | Yes or No |
| • Bled down to Nothing | Yes or No |
| • Steady Flow | Yes or No |
| • Oil or Gas | Yes or No |
| • Water | Yes or No |

Start: Injection or SWD pump so tubing pressure can be read.

Instructions below apply to the District 1 Hobbs office since this must be reported on a form.

In case of pressure:

1. Record pressure reading on gauge.
2. Bleed and note time elapsed to bleed down.
3. Leave valve open for additional observation.
4. Note any fluids expelled.

In absence of Pressure:

1. Leave valve open for additional observation.
2. Note types of fluids expelled.
3. Note if fluids persist throughout test.

Note: Tubing pressure on injection or SWD wells.

Test will be signed by person performing test with a contact phone number.



DATE BR 2221

4-25-19

5:20*
Start

VIC

Chicago

Thyme Rpg Fed #1

30-025-32192

1-235-321

Cal date 4-25-19

7 p.m. 17:15 #1

1000 #1

20 min

5:20*

5:20*

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