

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



|                               |    |    |    |
|-------------------------------|----|----|----|
| DE                            | ET | OE | ES |
| Document Number:<br>402348541 |    |    |    |

BRADENHEAD TEST REPORT

Step 1. Record all tubing and casing pressures as found. Step 2. Sample now. If intermediate or surface casing pressure > 25 psi. In sensitive areas, 1 psi.  
Step 3. Conduct Bradenhead test. Step 4. Conduct intermediate casing test. Step 5. Send report to BLM within 3 days and to OGCC within 10 days. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior program. Attach gas and liquid analyses if sampled.

1. OGCC Operator Number: 8960 3. BLM Lease No: \_\_\_\_\_  
2. Name of Operator: BONANZA CREEK ENERGY OPERATING COMPANY LLC  
4. API Number: 05-123-50291-00 5. Multiple completion? ☐ Yes ☐ No  
6. Well Name: STATE ANTELOPE Number: Y-E-13HNC  
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NESE,13,5N,62W,6  
8. County WELD 9. Field Name: WATTENBERG  
10. Minerals: ☐ Fee ☒ State ☐ Federal ☐ Indian

11. Date of Test: 03/10/2020  
12. Well Status: ☐ Flowing  
☒ Shut In ☐ Gas Lift  
☐ Pumping ☐ Injection  
☐ Clock/Intermitter  
☐ Plunger Lift  
13. Number of Casing Strings:  
☒ Two ☐ Three ☐ Liner?

14. EXISTING PRESSURES

|                               |                            |                            |   |                                  |                      |
|-------------------------------|----------------------------|----------------------------|---|----------------------------------|----------------------|
| Record all pressures as found | Tubing: _____<br>Fm: _____ | Tubing: _____<br>Fm: _____ | Prod Csg _____ 0<br>Fm: _____<br>Csg: _____ | Intermediate _____<br>Csg: _____ | Surf. Csg _____<br>0 |
|-------------------------------|----------------------------|----------------------------|---|----------------------------------|----------------------|

BRADENHEAD TEST

Buried valve? ☐ Yes ☒ No  
Confirmed open? ☒ Yes ☐ No  
With gauges monitoring production, intermediate casing and tubing pressures, open surface casing (bradenhead) valve (if no intermediate casing, monitor only the production casing and tubing pressures.) Record pressures at five minute intervals Define characteristics of flow in "Bradenhead Flow" column using letter designations below:  
O = No Flow; C = Continuous; D = Down to 0; V = Vapor  
H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

| Elapsed Time (Min:Sec) | Fm: Tubing               | Fm: Tubing:              | Prod Csg PSIG              | Intermedia Csg PSIG | Bradenhead Flow: |
|------------------------|--------------------------|--------------------------|----------------------------|---------------------|------------------|
| 00:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> 0 |                     | O                |
| 05:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> 0 |                     | O                |
| 10:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> 0 |                     | O                |
| 15:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> 0 |                     | O                |
| 20:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> 0 |                     | O                |
| 25:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> 0 |                     | O                |
| 30:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> 0 |                     | O                |

BRADENHEAD SAMPLE TAKEN?  
☐ Yes ☒ No ☐ Gas ☐ Liquid  
Character of Bradenhead fluid: ☐ Clear ☐ Fresh  
☐ Sulfur ☐ Salty ☐ Black  
Other:(describe)  
Sample cylinder number: \_\_\_\_\_

Instantaneous Bradenhead PSIG at end of test: > 0

INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☐ No  
Confirmed open? ☐ Yes ☐ No  
With gauges monitoring production, intermediate casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals Characterize flow in "Intermediate Flow" column using letter designations below:  
O = No Flow; C = Continuous; D = Down to 0; V = Vapor  
H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

| Elapsed Time (Min:Sec) | Fm: Tubing               | Fm: Tubing:              | Prod Csg PSIG            | Intermedia Csg PSIG | Bradenhead Flow: |
|------------------------|--------------------------|--------------------------|--------------------------|---------------------|------------------|
| 00:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                     |                  |
| 05:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                     |                  |
| 10:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                     |                  |
| 15:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                     |                  |
| 20:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                     |                  |
| 25:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                     |                  |
| 30:00                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                     |                  |

INTERMEDIATE SAMPLE TAKEN?  
☐ Yes ☐ No ☐ Gas ☐ Liquid  
Character of Intermediate fluid: ☐ Clear ☐ Fresh  
☐ Sulfur ☐ Salty ☐ Black  
Other:(describe)  
Sample cylinder number: \_\_\_\_\_

Instantaneous Intermediate Casing PSIG at end of test: >

Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed By: Mark Springer Title: Production Foreman Phone: (720) 614-7568

Signed: Aubrey Noonan Title: Regulatory Analyst Date: 3/20/2020

Witnessed By: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_