

FORM
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6/99State of Colorado
Oil and Gas Conservation Commission

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Document Number:

402467653

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: 05-123-44113-00 5. Multiple completion? ☐ Yes ☐ No
 6. Well Name: State Pronghorn Number: V-29-30XRLNB
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNW,28,5N,61W,6
 8. County WELD 9. Field Name: WATTENBERG
 10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 08/07/2020

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: 218 Fm: NBRR	Tubing: _____ Fm: _____	Prod Csg 544 Fm: NBRR	Intermediate Csg: _____	Surf. Csg 18
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BRADENHEAD TEST

Buried valve? ☐ Yes ☒ NoConfirmed 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

BRADENHEAD SAMPLE TAKEN?

☐ Yes ☒ No ☐ Gas ☐ LiquidCharacter of Bradenhead fluid: ☐ Clear ☐ Fresh☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Sample cylinder number:

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
00:00	NBRR 218	<input type="checkbox"/>	<input type="checkbox"/> 544		D
05:00	NBRR 206	<input type="checkbox"/>	<input type="checkbox"/> 525		O
10:00	NBRR 122	<input type="checkbox"/>	<input type="checkbox"/> 519		O
15:00	NBRR 130	<input type="checkbox"/>	<input type="checkbox"/> 507		O
20:00	NBRR 157	<input type="checkbox"/>	<input type="checkbox"/> 495		O
25:00	NBRR 135	<input type="checkbox"/>	<input type="checkbox"/> 491		O
30:00	NBRR 174	<input type="checkbox"/>	<input type="checkbox"/> 490		O

Instantaneous Bradenhead PSIG at end of test: > 1

INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☐ NoConfirmed 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

INTERMEDIATE SAMPLE TAKEN?

☐ Yes ☐ No ☐ Gas ☐ LiquidCharacter of Intermediate fluid: ☐ Clear ☐ Fresh☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Sample cylinder number:

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"/>		

Instantaneous Intermediate Casing PSIG at end of test: >

Comments: Post Mitigation Bradenhead Test

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

Test Performed By: Marty Krautschun Title: Completions Supervisor Phone: (720) 315-2414

Signed: Ashley Noonan Title: Sr. Regulatory Analyst Date: 8/15/2020

Witnessed By: _____ Title: _____ Agency: _____