

FORM 17

State of Colorado Oil and Gas Conservation Commission



DE ET OE ES

Document Number: 401656703

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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: 26580 3. BLM Lease No:
2. Name of Operator: BURLINGTON RESOURCES OIL & GAS LP
4. API Number: 05-005-07328-00 5. Multiple completion? Yes No
6. Well Name: Cottonwood Creek Number: 4-65 27-28 4AH
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSE,27,4S,65W,6
8. County ARAPAHOE 9. Field Name: WILDCAT
10. Minerals: X Fee State Federal Indian

11. Date of Test: 5/31/18
12. Well Status: X Shut In Gas Lift Pumping Injection Clock/Intermittent Plunger Lift
13. Number of Casing Strings: X Two Three Liner?

14. EXISTING PRESSURES

Table with 6 columns: Record all pressures as found, Tubing (Fm), Tubing (Fm), Prod Csg (Fm), Intermediate (Csg), Surf. Csg (-1)

BRADENHEAD TEST

Buried valve? Yes No
Confirmed open? X 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

Table with 7 columns: Elapsed Time (Min:Sec), Fm: Tubing, Fm: Tubing, Prod Csg PSIG, Intermedia Csg PSIG, Bradenhead Flow. Data rows show 0, 5, 10, 15 minutes with flow 'D'.

BRADENHEAD SAMPLE TAKEN? Yes No Gas Liquid
Character of Bradenhead fluid: Clear Fresh Sulfur Salty Black
Other:(describe)
Sample cylinder number: N/A

Instantaneous Bradenhead PSIG at end of test: >

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

Table with 7 columns: Elapsed Time (Min:Sec), Fm: Tubing, Fm: Tubing, Prod Csg PSIG, Intermedia Csg PSIG, Bradenhead Flow. The table is mostly empty with a diagonal line drawn through it.

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: >

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