

FORM

17

Rev 11/20

State of Colorado Oil and Gas Conservation Commission

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Document Number:

C-113

BRADENHEAD TEST REPORT

Step 1. Before opening any valves, record all tubing and casing pressures as found. Step 2. Collect liquid and gas samples as required; consult Bradenhead Testing and Reporting Instructions and Guidance for field specific Orders at http://cogcc/reg.html#opguidance Step 3. Conduct Bradenhead test. Step 4. Submit Form 17 within 10 days of test. Attach a wellbore diagram if not previously submitted or if wellbore configuration has changed since last wellbore diagram was submitted. Step 5. Submit sample analytical results via Form 43.

1. OGCC Operator Number: 3. BLM Lease No: 2. Name of Operator: 4. API Number; 5. Multiple completion? Yes No 6. Well Name: Number: 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): 8. County 9. Field Name: 10. Minerals: Fee State Federal Indian

11. Date of Test: 7-21-21 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

Table with columns: Record all pressures as found, Tubing, Fm, Prod Csg, Intermediate, Surf. Csg, Csg.

BRADENHEAD TEST

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. Describe character of flow in "Bradenhead Flow" column: O = No Flow; C = Continuous; D = Down to 0; S = Surge; W = Whisper Describe fluid type in "Bradenhead Fluid" column: H = Water H2O; M = Mud; G = Gas; V = Vapor; L = Liquid Hydrocarbon; H & M = Water & Mud; H & G = Water & Gas; H & V = Water & Vapor; M & G = Mud & Gas; M & V = Mud & Vapor; G & V = Gas & Vapor; H & L = Water & Liquid Hydrocarbon; M & L = Mud & Liquid Hydrocarbon; G & L = Gas & Liquid Hydrocarbon; V & L = Vapor & Liquid Hydrocarbon; N = None

Table with columns: Buried valve?, Confirmed open?, BRADENHEAD SAMPLE TAKEN?, Character of Bradenhead fluid?, Elapsed Time (Min:Sec), Fm: Tubing, Fm: Tubing, Prod Csg PSIG, Intermedia Csg PSIG, Bradenhead Flow, Bradenhead Fluid. Includes handwritten data for 5-minute intervals from 12:00p to 12:30p.

Instantaneous Bradenhead PSIG at end of test: > 0

INTERMEDIATE CASING TEST

With gauges monitoring production, intermediate casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals.

Describe character of flow in "Intermediate Flow" column: O = No Flow; C = Continuous; D = Down to 0; S = Surge; W = Whisper
 Describe fluid type in "Intermediate Fluid" column: H = Water H2O; M = Mud; G = Gas; V = Vapor; L = Liquid Hydrocarbon; H & M = Water & Mud; H & G = Water & Gas; H & V = Water & Vapor; M & G = Mud & Gas; M & V = Mud & Vapor; G & V = Gas & Vapor; H & L = Water & Liquid Hydrocarbon; M & L = Mud & Liquid Hydrocarbon; G & L = Gas & Liquid Hydrocarbon; V & L = Vapor & Liquid Hydrocarbon; N = None.

Buried valve? <input type="checkbox"/> Yes <input type="checkbox"/> No Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid							
Character of Intermediate fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black Other:(describe) _____							
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: <u>Kenny Foster</u>	Title: <u>Operator</u>	Phone: <u>()</u>
Signed: <u>Kenny Foster</u>	Title: <u>Operator</u>	Date: <u>7-21-21</u>
Witnessed By: _____	Title: _____	Agency: _____