

State of Colorado Oil and Gas Conservation Commission

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



Document Number:

C-68

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: _____		11. Date of Test: <u>10/23/23</u>	
2. Name of Operator: _____				12. Well Status: <input checked="" type="checkbox"/> Flowing	
4. API Number: _____		5. Multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Shut In <input type="checkbox"/> Gas Lift	
6. Well Name: _____		Number: _____		<input type="checkbox"/> Pumping <input type="checkbox"/> Injection	
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): _____				<input type="checkbox"/> Clock/Intermittent	
8. County _____		9. Field Name: _____		<input type="checkbox"/> Plunger Lift	
10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian				13. Number of Casing Strings: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?	

14. EXISTING PRESSURES					
Record all pressures as found	Tubing: <u>110</u>	Tubing: <u>N/A</u>	Prod Csg <u>3</u>	Intermediate	Surf. Csg
	Fm: _____	Fm: _____	Fm: _____	Csg: <u>N/A</u>	<u>0</u>

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

Buried valve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
	<u>11 15</u>	<u>N/A</u>	<u>110</u>	<u>3</u>	<u>N/A</u>	<u>0</u>	<u>0</u>
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	<u>11 20</u>		<u>110</u>	<u>3</u>		<u>0</u>	<u>0</u>
	<u>11 25</u>		<u>110</u>	<u>3</u>		<u>0</u>	<u>0</u>
Character of Bradenhead fluid: <input type="checkbox"/> Clear <input checked="" type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black Other:(describe) <u>N/A</u>	<u>11 30</u>		<u>110</u>	<u>3</u>		<u>0</u>	<u>0</u>
	<u>11 35</u>		<u>110</u>	<u>3</u>		<u>0</u>	<u>0</u>
	<u>11 40</u>		<u>110</u>	<u>3</u>		<u>0</u>	<u>0</u>
	<u>11 45</u>		<u>110</u>	<u>3</u>		<u>0</u>	<u>0</u>
	Instantaneous Bradenhead PSIG at end of test: > <u>0</u>						

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	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> No							
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) <hr style="width: 100%;"/>							
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>Larry McLeod</u>	Title: _____	Phone: () <u>575-707-5099</u>
Signed: <u>Larry McLeod</u>	Title: _____	Date: <u>10/23/23</u>
Witnessed By: _____	Title: _____	Agency: _____