



State of Colorado  
Oil and Gas Conservation Commission

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FOR OGC USE ONLY

BRADENHEAD TEST REPORT

Step 1: Record all tubing and casing pressures as found.  
Step 2: Sample flow. If intermediate or surface casing pressure < 25 psi, it is acceptable to sample 1 psi.  
Step 3: Conduct Bradenhead test.  
Step 4: Conduct Intermediate casing test.  
Step 5: Send report to BGCC within 30 days and to OGC within 10 days. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior program. Attach G&S and fluid analysis if sampled.

1. OGC Operator Number:	2. Name of Operator: <u>Williford</u>	3. BLM Lease No.:	11. Date of Test: <u>10/12/21</u>
4. API Number:	5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut-in	<input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Injection
7. Well Name: <u>Schmidt 3-36</u>	8. Location (City, Sec, Twp, Rng, Meridian): <u>4 4 36 34 12</u>	<input type="checkbox"/> Casing/Intermediate	<input type="checkbox"/> Plunger Lift
9. County: <u>La Plata</u>	10. Field Name:	12. Number of Casing Strings:	<input type="checkbox"/> Two <input checked="" type="checkbox"/> Three <input type="checkbox"/> Four?
10. Minerals: <input type="checkbox"/> Fee <input checked="" type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian	13. STEP 1: EXISTING PRESSURES		
Record all pressures as found	Tubing: <u>6# DK</u>	Prod. Casing: <u>1.8# DK</u>	Intermediate Casing: <u>1.9#</u>
	Surf. Casing: <u>9#</u>	15. STEP 2: See instructions above.	

16. STEP 3: BRADENHEAD TEST					
Buried valve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Confirmed open? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Elapsed Time (Min:Sec)	Flow	Production Casing P&G	Intermediate Casing P&G
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: D = No Flow; C = Continuous; D = Down to G; V = Vapor; H = Water/H2O; M = Mud; W = Whisper; S = Surge; G = Gas		00	<u>6</u>	<u>1.8</u>	<u>1.8</u>
		05	<u>6</u>	<u>1.8</u>	<u>1.9</u>
		10	<u>6</u>	<u>1.8</u>	<u>1.9</u>
		15	<u>6</u>	<u>1.8</u>	<u>1.8</u>
		20	<u>6</u>	<u>1.8</u>	<u>1.9</u>
		25	<u>6</u>	<u>1.8</u>	<u>1.9</u>
		30	<u>6</u>	<u>1.8</u>	<u>1.9</u>
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Note instantaneous Bradenhead P&G at end of test: <u>Φ</u>			
Character of Bradenhead fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Frothy					
<input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black					
<input type="checkbox"/> Other (describe):					
Sample cylinder number:					

17. STEP 4: INTERMEDIATE CASING TEST					
Buried valve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Confirmed open? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Elapsed Time (Min:Sec)	Flow	Production Casing P&G	Intermediate Casing P&G
With gauges monitoring production 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: D = No Flow; C = Continuous; D = Down to G; V = Vapor; H = Water/H2O; M = Mud; W = Whisper; S = Surge; G = Gas		00	<u>6</u>	<u>1.7</u>	<u>W</u>
		05	<u>6</u>	<u>1.5</u>	<u>W</u>
		10	<u>6</u>	<u>1.4</u>	<u>W</u>
		15	<u>6</u>	<u>1.4</u>	<u>W</u>
		20	<u>6</u>	<u>1.4</u>	<u>W</u>
		25	<u>6</u>	<u>1.3</u>	<u>W</u>
		30	<u>6</u>	<u>1.2</u>	<u>W</u>
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Note instantaneous Intermediate Casing P&G at end of test: <u>1.2</u>			
Character of intermediate fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Frothy					
<input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black					
<input type="checkbox"/> Other (describe):					
Sample cylinder number:					

18. Comments:
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19. STEP 5: See instructions above.			
I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.			
Test Performed by: <u>Mitch Kennedy</u>	Title: <u>Tech</u>	Phone: <u>970-238-1206</u>	
Signed: <u>[Signature]</u>	Title:	Date: <u>10/12/21</u>	
WITNESSED BY:	Title:	Agency:	