



# State of Colorado Oil and Gas Conservation Commission

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## BRADENHEAD TEST REPORT

Step 1: Report on tubing and casing pressures as found.  
Step 2: Sample flow, if intermediate or surface casing pressure > 25 psi. In absolute terms, 1 psi.  
Step 3: Conduct Bradenhead test.  
Step 4: Conduct intermediate casing test.  
Step 5: Send report to BLM within 30 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	2. BLM License No.	11. Date of Test
3. Name of Operator: <u>Williford</u>	4. Multiple Completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	12. Well Status: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Shut in
5. API Number: <u>0506706113</u>	6. Well Name: <u>Long &amp; Schluter #5</u>	<input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection
7. Location (Circle, Sec, Twp, Rng, Meridian): <u>SW 1/4 - 7 - 33 - 11</u>	8. County: <u>La Plata</u>	<input type="checkbox"/> Check Intermittent
9. Field Name:	10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian	<input type="checkbox"/> Plunger Lift
14. STEP 1: EXISTING PRESSURES		13. Number of Casing Strings: <input type="checkbox"/> Two <input checked="" type="checkbox"/> Three <input type="checkbox"/> Four
Record all pressures as found	Tubing: From: <u>46</u> To: <u>46</u> Intermediate Casing: <u>46</u> Surface Casing: <u>TSTM</u>	15. STEP 2: See instructions above.

STEP 3: BRADENHEAD TEST					
Buried valve?	Confirmed open?	Elapsed Time (Min:Sec)	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	00: <u>Puff</u>	<u>46</u>	<u>46</u>	<u>D</u>
		05: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		10: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		15: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		20: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		25: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		30: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		End 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. Define characteristics of flow in "Bradenhead Flow" column using letter designations below: D = No Flow; C = Continuous; D = Down to 0; V = Vapor H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas		BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid			
Character of Bradenhead fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulphur <input type="checkbox"/> Slaty <input type="checkbox"/> Slack <input type="checkbox"/> Other: (describe)		Sample cylinder number:			
Note instantaneous Bradenhead PSIG at end of test: <u>46</u>					

STEP 4: INTERMEDIATE CASING TEST					
Buried valve?	Confirmed open?	Elapsed Time (Min:Sec)	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	00: <u>1/4"</u>	<u>46</u>	<u>46</u>	<u>D</u>
		05: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		10: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		15: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		20: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		25: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		30: <u></u>	<u>46</u>	<u>46</u>	<u>D</u>
		End Test			
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 0; V = Vapor H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas		INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" 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"/> Sulphur <input type="checkbox"/> Slaty <input type="checkbox"/> Slack <input type="checkbox"/> Other: (describe)		Sample cylinder number:			
Note instantaneous Intermediate Casing PSIG at end of test: <u>46</u>					
16. Comments:					

18. 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: Mitch Kennedy Title: Tech Phone: 970 238 1206  
Signed: [Signature] Date: 10-19-23  
WITNESSED BY: [Signature] Title: \_\_\_\_\_ Agency: \_\_\_\_\_