



# State of Colorado Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

## 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 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: <u>10758</u>	3. BLM Lease No: _____	11. Date of Test: <u>4/27/23</u>
2. Name of Operator: <u>Cross Operating LLC</u>	5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	12. Well Status: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Shut In
4. API Number: <u>07292</u>	Number: <u>17-028</u>	<input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection
6. Well Name: <u>Hill Ranch</u>	8. County: <u>Las Animas</u>	<input type="checkbox"/> Clock/Intermittent
7. Location (Qtr, Sec, Twp, Rng, Meridian): <u>N1/2 NE 17-35S-67W</u>	9. Field Name: <u>Dusangra River</u>	<input type="checkbox"/> Plunger Lift
10. Minerals: <input checked="" 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. STEP 1: EXISTING PRESSURES		
Record all pressures as found	Tubing: Fm: <u>0</u>	Prod. Casing: Fm: <u>-2</u>
	Intermediate Csg: _____	Surface Casing: <u>0</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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: _____ Tubing: _____	Fm: _____ Tubing: _____	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow:
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 = Whimper; S = Surge; G = Gas		00:	<u>0</u>		<u>-2</u>		<u>0</u>
		05:	<u>0</u>		<u>-2</u>		<u>0</u>
		10:	<u>0</u>		<u>-2</u>		<u>0</u>
		15:	<u>0</u>		<u>-2</u>		<u>0</u>
		20:	<u>0</u>		<u>-2</u>		<u>0</u>
		25:	<u>0</u>		<u>-2</u>		<u>0</u>
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		30:	<u>0</u>		<u>-2</u>		<u>0</u>
Character of Bradenhead fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black <input type="checkbox"/> Other: (describe) <u>N/A</u>		Note instantaneous Bradenhead PSIG at end of test: >					
Sample cylinder number: <u>N/A</u>							

17. STEP 4: INTERMEDIATE CASING TEST							
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: _____	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
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: O = No Flow; C = Continuous; D = Down to 0; V = Vapor H = Water H2O; M = Mud; W = Whimper; S = Surge; G = Gas		00:					
		05:					
		10:					
		15:					
		20:					
		25:					
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		30:					
Character of Intermediate fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black <input type="checkbox"/> Other: (describe) _____		Note instantaneous Intermediate Casing PSIG at end of test: >					
Sample cylinder number: _____							
18. Comments: _____ _____ _____							

### 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: Nick Spellman Title: Roostabout Phone: 719-649-4446

Signed: Nick Spellman Title: \_\_\_\_\_ Date: 4/27/23

WITNESSED BY: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_