



State of Colorado Oil and Gas Conservation Commission

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FOR DATA USE ONLY

BRADENHEAD TEST REPORT

Step 1: Record all tubing and casing pressures at 10 min.
Step 2: Record flow, if intermediate or surface casing pressure > 25 psi, in successive 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 OGC within 10 days, include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior production. Attach gas and liquid analyses if available.

1. OGC Operator Number:	2. Name of Operator: <u>Williford</u>	3. BLM Lease No.:	11. Date of Test: <u>10/13/21</u>
4. API Number:	5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Well Name: <u>Nettie #2D</u>	12. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut-in
7. Location (City, Sec, Twp, Rng, Meridian):	8. County: <u>La Plata</u>	9. Field Name:	<input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Injection
10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian	13. Number of Casing Stumps: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Uno?		

STEP 1: EXISTING PRESSURES					
Record all pressures as found	Tubing: <u>12</u>	Tubing: <u>12</u>	Prod. Casing: <u>2</u>	Intermediate Casing: <u>N/A</u>	Surface Casing: <u>TSTM</u>
15. STEP 2: See instructions above.					

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)	For Tubing	For Casing	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: Q = No Flow; C = Continuous; D = Down to 0; V = Vapor; H = Water/H2O; M = Mud; W = Whimper; S = Surge; G = Gas	00: <u>Ruff</u>	<u>12</u>	<u>2</u>			<u>D</u>
	05: <u>12</u>	<u>2</u>				<u>D</u>
	10: <u>12</u>	<u>2</u>				<u>D</u>
	15: <u>END TEST</u>					
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
Character of Bradenhead fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Slaty <input type="checkbox"/> Black <input type="checkbox"/> Other (describe)						
Sample cylinder number:						
Note instantaneous Bradenhead PSIG at end of test.						

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)	For Tubing	For Casing	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: Q = No Flow; C = Continuous; D = Down to 0; V = Vapor; H = Water/H2O; M = Mud; W = Whimper; S = Surge; G = Gas	00: <u>N/A</u>					
	05: <u>N/A</u>					
	10: <u>N/A</u>					
	15: <u>N/A</u>					
	20: <u>N/A</u>					
	25: <u>N/A</u>					
	30: <u>N/A</u>					
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
Character of intermediate fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Slaty <input type="checkbox"/> Black <input type="checkbox"/> Other (describe)						
Sample cylinder number:						
Note instantaneous Intermediate Casing PSIG at end of test.						

16. Comments:

10. 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: 970 239 1206

Signed: [Signature] Title: Date: 10/13/21

WITNESSED BY: Title: Agency: