

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.

<p>1. OGCC Operator Number: _____</p> <p>2. Name of Operator: Fundare Resources</p> <p>3. BLM Lease No: _____</p> <p>4. API Number: _____ 5. Multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>6. Well Name: 2015 WildHorse (all 5 wells) Number: _____</p> <p>7. Location (QtrQtr, Sec, Twp, Rng, Meridian): _____</p> <p>8. County: _____ 9. Field Name: _____</p> <p>10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian</p>	<p>11. Date of Test: May 16, 2020</p> <p>12. Well Status: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Shut In <input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection <input type="checkbox"/> Clock/Intermitter <input type="checkbox"/> Plunger Lift</p> <p>13. Number of Casing Strings: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?</p>						
<p>14. STEP 1: EXISTING PRESSURES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">Record all pressures as found</td> <td style="width:15%;">Tubing: Fm: _____</td> <td style="width:15%;">Tubing: Fm: _____</td> <td style="width:15%;">Prod. Casing: 0 Fm: MV</td> <td style="width:15%;">Intermediate Csg: _____</td> <td style="width:15%;">Surface Casing: 0</td> </tr> </table>		Record all pressures as found	Tubing: Fm: _____	Tubing: Fm: _____	Prod. Casing: 0 Fm: MV	Intermediate Csg: _____	Surface Casing: 0
Record all pressures as found	Tubing: Fm: _____	Tubing: Fm: _____	Prod. Casing: 0 Fm: MV	Intermediate Csg: _____	Surface Casing: 0		
<p>15. STEP 2: See instructions above.</p>							

<p>16. STEP 3: BRADENHEAD TEST</p>						
<p>Buried valve? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>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 = Whisper; S = Surge; G = Gas</p> <p>BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid</p> <p>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) _____</p> <p>Sample cylinder number: _____</p>	Elapsed Time (Min:Sec)	Fm: _____ Tubing:	Fm: _____ Tubing:	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow:
	00:			0		O
	05:			0		O
	10:			0		O
	15:			0		O
	20:			0		O
	25:			0		O
	30:			0		O
Note instantaneous Bradenhead PSIG at end of test: >						0

<p>17. STEP 4: INTERMEDIATE CASING TEST</p>						
<p>Buried valve? <input type="checkbox"/> Yes <input type="checkbox"/> No Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>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 = Whisper; S = Surge; G = Gas</p> <p>INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid</p> <p>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) _____</p> <p>Sample cylinder number: _____</p>	Elapsed Time (Min:Sec)	Fm: _____ Tubing:	Fm: _____ Tubing:	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow:
	00:					
	05:					
	10:					
	15:					
	20:					
	25:					
	30:					
Note instantaneous Intermediate Casing PSIG at end of test: >						>

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: Chuck Halstead Title: Completion Eng Phone: 303 396-8722

Signed: _____ Title: _____ Date: _____

WITNESSED BY: _____ Title: _____ Agency: _____