

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>10672</u>	11. Date of Test: <u>2/20/20</u>
2. Name of Operator: <u>Timber Creek Operating LLC</u>	12. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut In
3. BLM Lease No: _____	<input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection
4. API Number: <u>05-071-06909-00</u>	<input type="checkbox"/> Check/Intermittent
5. Multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Plunger Lift
6. Well Name: <u>Hill Ranch</u>	13. Number of Casing Strings: _____
7. Location (Qtr, Sec, Twp, Rng, Meridian): <u>NW/SE 33-34S-67W</u>	<input type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?
8. County: <u>Las Animas</u>	
9. Field Name: <u>Purgatorie River</u>	
10. Minerals: <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian	

STEP 1: EXISTING PRESSURES					
Record all pressures as found	Tubing: Fm: <u>70</u>	Tubing: Fm: _____	Prod. Casing: Fm: <u>4</u>	Intermediate Csg: Fm: _____	Surface Casing: Fm: <u>0</u>
15. STEP 2: See instructions above					

STEP 3: BRADENHEAD TEST						
16. Buried valve? <input type="checkbox"/> Yes <input checked="" 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	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 = Whisper; S = Surge; G = Gas	00	<u>70</u>		<u>4</u>		<u>0</u>
	05	<u>70</u>		<u>4</u>		<u>0</u>
	10	<u>70</u>		<u>4</u>		<u>0</u>
	15	<u>70</u>		<u>4</u>		<u>0</u>
	20	<u>70</u>		<u>4</u>		<u>0</u>
	25	<u>70</u>		<u>4</u>		<u>0</u>
30	<u>70</u>		<u>4</u>		<u>0</u>	
Note instantaneous Bradenhead PSIG at end of test: >						

STEP 4: INTERMEDIATE CASING TEST						
17. 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 = Whisper; S = Surge; G = Gas	00					
	05					
	10					
	15					
	20					
	25					
30						
Note instantaneous Intermediate Casing PSIG at end of test: >						

18. Comments: <u>Test performed at 10:40 am</u>

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: Ashley Sanchez Title: Automation Specialist Phone: 719-859-4541

Signed: Ashley Sanchez Title: Specialist Date: 2/20/20

WITNESSED BY: _____ Title: _____ Agency: _____