



State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109



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>2-3-20</u>
2. Name of Operator: <u>Timber Creek</u>	12. Well Status: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Shut In
3. BLM Lease No: <u>05-071-09120</u>	<input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection
4. API Number: <u>AC31-12</u>	<input type="checkbox"/> Clock/Intermittent
5. Multiple completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Plunger Lift
6. Well Name: <u>AC31-12</u>	13. Number of Casing Strings: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?
7. Location (Ctr, Sec, Twp, Rng, Meridian): <u>NW SW 31-33S-67W</u>	
8. County: <u>LAS ANIMAS</u>	
9. Field Name: <u>PARADISE 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: <u>0</u>	Prod. Casing: <u>-7</u>	Intermediate Csg: <u>-7</u>	Surface Casing: <u>-7</u>
Fm: <u>0</u>	Fm: <u>-7</u>	Fm: <u>-7</u>	Fm: <u>-7</u>	Fm: <u>-7</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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No 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 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"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black <input type="checkbox"/> Other: (describe) _____ Sample cylinder number: _____	Elapsed Time (Min Sec)	Fm. Tubing	Fm. Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
	00	<u>0</u>	<u>-7</u>	<u>0</u>	<u>0</u>	<u>0</u>
	05	<u>0</u>	<u>-7</u>	<u>0</u>	<u>0</u>	<u>0</u>
	10	<u>0</u>	<u>-7</u>	<u>0</u>	<u>0</u>	<u>0</u>
	15	<u>0</u>	<u>-7</u>	<u>0</u>	<u>0</u>	<u>0</u>
	20	<u>0</u>	<u>-7</u>	<u>0</u>	<u>0</u>	<u>0</u>
	25	<u>0</u>	<u>-7</u>	<u>0</u>	<u>0</u>	<u>0</u>
30	<u>0</u>	<u>-7</u>	<u>0</u>	<u>0</u>	<u>0</u>	
Note instantaneous Bradenhead PSIG at end of test: <u>> 0</u>						

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 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 INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input 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"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black <input type="checkbox"/> Other: (describe) _____ Sample cylinder number: _____	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: <u>></u>						

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: M. Messmer Title: Automation Phone: 719-859-3686
Signed: _____ Title: _____ Date: _____
WITNESSED BY: _____ Title: _____ Agency: _____