

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: _____		11. Date of Test: 2/18/2021	
2. Name of Operator: COGCC - OWP		3. BLM Lease No: NA	
4. API Number: 05-067-06211		5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
6. Well Name: Kroeger Ferguson No. 3 #F-5 (OWP)		Number: _____	
7. Location (Ctr/Ctr, Sec, Twp, Rng, Meridian): SESE Sec 33 T33N R12W NMPM		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/Intermittent <input type="checkbox"/> Plunger Lift	
8. County: La Plata		9. Field Name: Red Mesa	
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: 0 Fm: _____	Intermediate Csg: _____ Fm: DKTA	Surface Casing: _____
			15. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD 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, 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: _____ 00: 05: 10: 15: 20: 25: 30:	Fm: _____ Tubing: _____ Production Casing PSIG Intermediate Casing PSIG Bradenhead Flow:	Note instantaneous Bradenhead PSIG at end of test: >		

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 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: _____ 00: 05: 10: 15: 20: 25: 30:	Fm: _____ Tubing: _____ Production Casing PSIG Intermediate Casing PSIG Intermediate Flow:	Note instantaneous Intermediate Casing PSIG at end of test: >		

18. Comments: Bradenhead not plumbed to surface. Could not locate bradenhead via hand excavation.

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: Jacob Harter Title: Consultant Phone: 970-946-3761

Signed: *Jacob Harter* Title: jacobharter@cottonwoodconsulting.com Date: 2/18/2021

WITNESSED BY: _____ Title: _____ Agency: _____