

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: 5/27/20	
2. Name of Operator: COGCC		3. BLM Lease No: _____	
4. API Number: 05-103-10954		5. Multiple completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
6. Well Name: Anderson (OWP)		Number: 6-16	
7. Location (CtrQtr, Sec, Twp, Rng, Meridian): SENW Sec 16, T1N, R9SW, 6 PM		12. Well Status: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Shut In	
8. County: Rio Blanco		9. Field Name: Powell Park	
10. Minerals: <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian		12. Well Status: <input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection	
		<input type="checkbox"/> Clock/Intermittent	
		<input type="checkbox"/> Plunger Lift	
		13. Number of Casing Strings: <input type="checkbox"/> Two <input checked="" type="checkbox"/> Three <input type="checkbox"/> Liner?	
14. STEP 1: EXISTING PRESSURES		15. STEP 2: See instructions above.	
Record all pressures as found	Tubing: Fm: _____	Tubing: 41.9 Fm: _____	Prod. Casing: 42.8 Fm: _____
		Intermediate Csg: Unk	Surface Casing: Unk

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		Elapsed Time (Min:Sec)		Fm: _____	Fm: _____
		Tubing: _____		Production Casing PSIG	Intermediate Casing PSIG
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:			
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		05:			
Character of Bradenhead fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh		10:			
<input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black		15:			
<input type="checkbox"/> Other: (describe) _____		20:			
Sample cylinder number: _____		25:			
		30:			
		Note instantaneous Bradenhead PSIG at end of test: >			

17. STEP 4: INTERMEDIATE CASING TEST					
Buried valve? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Elapsed Time (Min:Sec)		Fm: _____	Fm: _____
		Tubing: _____		Production Casing PSIG	Intermediate Casing PSIG
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:			
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		05:		41.9	42.8
Character of Intermediate fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh		10:		42.0	42.1
<input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black		15:		42.0	42.1
<input type="checkbox"/> Other: (describe) _____		20:			
Sample cylinder number: _____		25:			
		30:			
		Note instantaneous Intermediate Casing PSIG at end of test: >			

18. Comments: *Notes assume there is a deeper, buried bradenhead valve that was inaccessible during site visit. Dig down to intermediate casing valve. Unable to attach fitting due to corrosion on intermediate valve threads. Open intermediate valve and observe medium flow. Down to nothing in 7 minutes. Significant excavation would be necessary to expose bradenhead valve and allow for test.	
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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: Cottonwood Consulting

Phone: 970-946-3761

Signed: Jacob Harter

Digitally signed by Jacob Harter
DN: cn=Jacob Harter, ou=Cottonwood Consulting LLC,
ou=LLC, email=jharter@cottonwoodconsulting.com,
c=US

Title: _____

Date: _____

WITNESSED BY: _____

Title: _____

Agency: _____