

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: 10454	11. Date of Test: 1/23/2020
2. Name of Operator: PetroShare	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
3. BLM Lease No:	
4. API Number: 05-001-09558	13. Number of Casing Strings: <input type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?
5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
6. Well Name: Amoco State	
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NENE 16 1S 65W 6	
8. County: Adams	
9. Field Name: Wattenberg	
10. Minerals: <input 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: 130 Fm: JSND	Tubing: N/A Fm: N/A	Prod. Casing: 150 Fm: JSND	Intermediate Csg: N/A	Surface Casing: 0
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15. **STEP 2: See instructions above.**

STEP 3: BRADENHEAD TEST

Buried valve? <input checked="" type="checkbox"/> Yes <input 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: JSND Tubing:	Fm: N/A Tubing:	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow:
	00:	130	—	150	—	0
	05:	130	—	150	—	0
	10:	130	—	150	—	0
	15:	130	—	150	—	0
	20:	130	—	150	—	0
	25:	130	—	150	—	0
	30:	130	—	150	—	0
Note instantaneous Bradenhead PSIG at end of test:						0

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

18. Comments: Bradenhead valve was buried but has been excavated for the test and confirmed open for the test.
 A second 1/2" valve will be installed at surface as is the standard for future testing.

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: Greg Thorlaxson Title: Field Superintendent Phone: 719-963-0714

Signed: *Greg Thorlaxson* Title: FIELD SUPT. Date: 1-23-2020

WITNESSED BY: _____ Title: _____ Agency: _____