

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: 10454		3. BLM Lease No:		11. Date of Test: 1/3/2020	
2. Name of Operator: PetroShare		5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		12. Well Status: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Shut In	
4. API Number: 05-001-08669		Number: 42-16		<input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection	
6. Well Name: Amoco State		9. Field Name: Wattenberg		<input type="checkbox"/> Clock/Intermittent	
7. Location (Qtr, Sec, Twp, Rng, Meridian): SENE 16 1S 65W 6				<input checked="" type="checkbox"/> Plunger Lift	
8. County: Adams				13. Number of Casing Strings:	
10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian				<input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?	
14. STEP 1: EXISTING PRESSURES					
Record all pressures as found	Tubing: 100 Fm: JSND	Tubing: N/A Fm: N/A	Prod. Casing: 100 Fm: JSND	Intermediate Csg: N/A	Surface Casing: VAC 30
15. STEP 2: See instructions above.					

16. 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		Elapsed Time (Min:Sec)	Fm: JSND 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:	100	—	100	—	0
		05:	100	—	100	—	0
		10:	100	—	100	—	0
		15:	100	—	100	—	0
		20:	100	—	100	—	0
		25:	100	—	100	—	0
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		30:	100	—	100	—	0
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)		Note instantaneous Bradenhead PSIG at end of test: > 0					
Sample cylinder number:							

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		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:	N/A				
		05:	N/A				
		10:	N/A				
		15:	N/A				
		20:	N/A				
		25:	N/A				
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		30:	N/A				
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)		Note instantaneous Intermediate Casing PSIG at end of test: >					
Sample cylinder number:							
18. Comments: SURFACE CSG HAD SLIGHT VACUUM WENT TO ZERO PSIG							

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 Thorakson

Title: Field Superintendent

Phone: 719-963-0714

Signed: *[Signature]*

Title: FIELD SUPT

Date: 1-3-2020

WITNESSED BY:

Title:

Agency: