

State of Colorado
Oil and Gas Conservation Commission

1130 Lincoln Street, Suite 200, Denver, Colorado 80202 (303) 864-2100 Fax: (303) 864-2100



FOR OGGC USE ONLY

BRADENHEAD TEST REPORT

Step 1. Record all tubing and casing pressures at flow.
Step 2. Sample rate, if flowable or surface casing pressure > 100 psi. In separate report, 1 gal.
Step 3. Conduct Bradenhead test.
Step 4. Conduct Intermediate casing test.
Step 5. Send report to OGC within 30 days and to OGC 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 completed.

1. OGC Operator Number: _____
2. Name of Operator: _____ 3. OGC Lease No.: _____
4. API Number: _____ 5. Multiple completion? ☐ Yes ☒ No
6. Well Name: Sharp Blake Number: 2B
7. Location (City, Co., Twp, Rng, Mon): _____
8. County: _____ 9. Field Name: _____
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 12-6-23
12. Well Status: ☐ Plugged ☐ Shut in
☐ Gas Lift ☐ Pumping ☐ Injection
☐ Completion ☐ Plugger LBS
13. Number of Casing Strings: _____
☐ True ☐ Three ☐ Linear?

14. STEP 1: EXISTING PRESSURES
Record all pressures as found
Tubing: 30 ☐ P
Tubing: 1 ☐ P
Prod. Casing: 30 ☐ P
Intermediate Cag: 1 ☐ P
Surface Casing: 0 ☐ P

15. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD TEST
Burst valve? ☐ Yes ☒ No Confined open? ☐ Yes ☒ No
With gauges monitoring production, intermediate casing and tubing pressures, open surface casing (production) 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 it; V = Vapor
H = Water HSG; M = Mud; W = Whirlpool; S = Surge; G = Gas
BRADENHEAD SAMPLE TAKEN?
☐ Yes ☒ No ☐ Gas ☐ Liquid
Character of Bradenhead Flow: ☐ Clear ☐ Frothy
☐ Sulfer ☐ Sulfy ☐ Black
☐ Other: (specify) _____
Sample cylinder number: _____
Note instantaneous Bradenhead PDS at end of test: 0

Elapsed Time (min Sec)	Prod. Casing PDS	Intermediate Casing PDS	Bradenhead Flow
00	<u>30</u>	<u>30</u>	<u>0</u>
05			<u>0</u>
10			<u>0</u>
15			<u>0</u>
20			<u>0</u>
25			<u>0</u>
30	<u>30</u>	<u>30</u>	<u>0</u>

17. STEP 4: INTERMEDIATE CASING TEST
Burst valve? ☐ Yes ☒ No Confined open? ☐ Yes ☒ 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 it; V = Vapor
H = Water HSG; M = Mud; W = Whirlpool; S = Surge; G = Gas
INTERMEDIATE SAMPLE TAKEN?
☐ Yes ☒ No ☐ Gas ☐ Liquid
Character of Intermediate Flow: ☐ Clear ☐ Frothy
☐ Sulfer ☐ Sulfy ☐ Black
☐ Other: (specify) _____
Sample cylinder number: _____
Note instantaneous Intermediate Casing PDS at end of test: 0

Elapsed Time (min Sec)	Prod. Casing PDS	Intermediate Casing PDS	Intermediate Flow
00			
05			
10			
15			
20			
25			
30			

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: Jim Cunniff Title: Operator Phone: 970-765-5659
Signed: Jim Cunniff Title: _____ Date: 12-6-23
WITNESSED BY: _____ Title: _____ Agency: _____