



State of Colorado
Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 101, Denver, Colorado 80202 (303) 824-2100 Fax: (303) 824-2105



FOR PRECISE ONLY

BRADENHEAD TEST REPORT

Step 1. Record all tubing and casing pressures as found.
Step 2. Sample new, 8 minute flow or surface casing pressure > 25 psi. In condition areas, 1 psi.
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 sampled.

1. OGC Operator Number: _____
2. Name of Operator: _____
3. BLM Lease No: _____
4. API Number: _____
5. Multiple completion? ☐ Yes ☐ No
6. Well Name: M354 Number: 19-1
7. Location (QUAD, Sec, Twp, Rng, Meridian): _____
8. County: _____
9. Field Name: _____
10. Mineral: ☐ Fee ☒ State ☐ Federal ☐ Indian

11. Date of Test: 2/27/2021
12. Well Status: ☐ Flowing ☐ Shut in
☐ Gas Lift ☒ Pumping ☐ Injection
☐ Check/Intermittent
☐ Plunger Lift
13. Number of Casing Strings: ☐ Two ☐ Three ☐ More?

14. STEP 1: EXISTING PRESSURES
Record all pressures as found
Tubing: 75 For: Mddy
Tubing: _____ For: _____
Prod. Casing: 9 For: Mddy
Intermediate Casing: _____ For: _____
Surface Casing: 28

15. STEP 2: Gas instructions above.

16. STEP 3: BRADENHEAD TEST
Gated valve? ☐ Yes ☐ No Confirmed open? ☐ Yes ☐ 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:
C = No Flow; G = Continuous; D = Down to 0; V = Vapor
W = Water MUD; M = Mud; W = Whirlpool; S = Surge; G = Gas
BRADENHEAD SAMPLE TAKEN?
☐ Yes ☐ No ☐ Gas ☐ Liquid
Character of Bradenhead fluid: ☐ Clear ☐ Frothy
☐ Sulphur ☐ Solid ☐ Black
☐ Other (describe) _____
Sample cylinder number: _____
Elapsed Time (Min:Sec) For: _____ For: _____ Production Casing PSIG Intermediate Casing PSIG Bradenhead Flow
00: 75 9 28
05: 75 9 5
10: 75 9 5
15: 75 9 W
20: 75 9 0
25: 75 9 0
30: 75 9 0
Note instantaneous Bradenhead PSIG at end of test: 0

17. STEP 4: INTERMEDIATE CASING TEST
Gated valve? ☐ Yes ☐ No Confirmed 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:
C = No Flow; G = Continuous; D = Down to 0; V = Vapor
W = Water MUD; M = Mud; W = Whirlpool; S = Surge; G = Gas
INTERMEDIATE SAMPLE TAKEN?
☐ Yes ☐ No ☐ Gas ☐ Liquid
Character of Intermediate fluid: ☐ Clear ☐ Frothy
☐ Sulphur ☐ Solid ☐ Black
☐ Other (describe) _____
Sample cylinder number: _____
Elapsed Time (Min:Sec) For: _____ For: _____ Production Casing PSIG Intermediate Casing PSIG Intermediate Flow
00: _____ _____ _____
05: _____ _____ _____
10: _____ _____ _____
15: _____ _____ _____
20: _____ _____ _____
25: _____ _____ _____
30: _____ _____ _____
Note instantaneous Intermediate Casing PSIG at end of test: _____

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: Mina Shanks Title: _____ Phone: _____

Signed: Mina Shanks Title: _____ Date: 2/27/2021

WITNESSED BY: _____ Title: _____ Agency: _____