

BRADENHEAD TEST REPORT

Step 1. Record all tubing and casing pressures as listed.
Step 2. Sample well, if intermediate or surface casing pressure >20 psi. In sensitive areas, 1 psi.
Step 3. Conduct Bradenhead test.
Step 4. Conduct intermediate casing test.
Step 5. Record report in O&G well log and in O&G well log. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior program. Attach gas and fluid analysis if completed.

1. O&G Operator Number: 10012
2. Name of Operator: Prospect Energy LLC
3. BLM Lease No: None
4. API Number: 05-067-05185
5. Multiple completion? ☐ Yes ☒ No
6. Well Name/Ch/Oil, Sec, Twp, Rng: 46-34-34 Number: 41
7. Field Name/Pl. Colls: SEC 7 T4N-R6E-W7
8. County: Larimer
9. Field Number: PL Colls
10. Materials: ☒ Fee ☒ Store ☐ Federal ☐ Indian

11. Date of Test: 2/14/2024

12. Well Status: ☐ Flowing ☐ Shut in
☐ Gas Lift ☒ Pumping ☐ Injection
☐ Check/Reventiler
☐ Plugger Lift

13. Number of Casing Strings: ☒ Two ☐ Three ☐ Linear?

STEP 1: EXISTING PRESSURES

Record all pressures as found

Tubing	Tubing	Prod. Casing	Intermediate Cag	Surface Casing
65		6		0

14. STEP 2: See instructions above.

STEP 3: BRADENHEAD TEST

15. Buried 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:
O = No Flow; C = Continuous; D = Down to B; V = Vapor
H = Water H2O; M = Mud; W = Whimper; S = Surge; G = Gas

BRADENHEAD SAMPLE TAKEN? ☐ Yes ☒ No ☐ Gas ☐ Liquid

Character of Bradenhead fluid: ☐ Clear ☐ Fresh
☐ Sulfur ☐ Salty ☐ Black
☐ Other (describe):

Sample cylinder number:

Elapsed Time (Min/Sec)	Prod. Casing	Intermediate Casing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00	65		6		0
05	65		6		0
10	65		6		0
15	65		6		0
20	65		6		0
25	65		6		0
30	65		6		0

Note instantaneous Bradenhead PSIG at end of test: 0

STEP 4: INTERMEDIATE CASING TEST

16. Buried 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:
O = No Flow; C = Continuous; D = Down to B; V = Vapor
H = Water H2O; M = Mud; W = Whimper; S = Surge; G = Gas

INTERMEDIATE SAMPLE TAKEN? ☐ Yes ☐ No ☐ Gas ☐ Liquid

Character of Intermediate fluid: ☐ Clear ☐ Fresh
☐ Sulfur ☐ Salty ☐ Black
☐ Other (describe):

Sample cylinder number:

Elapsed Time (Min/Sec)	Prod. Casing	Intermediate Casing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00					
05					
10					
15					
20					
25					
30					

Note instantaneous Intermediate Casing PSIG at end of test: *

17. Comments:

18. 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: Mike Staab Title: Lead Operator Phone: 307-299-0095

Signed: [Signature] Title: Date: 2/14/2024

WITNESSED BY: Title: Agency: