

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: 10084  
2. Name of Operator: Pioneer Natural Resource 3. BLM Lease No: N/A  
4. API Number: 05-071-08850 5. Multiple completion? ☐ Yes ☒ No  
6. Well Name: Grand Valley Number: 22-76  
7. Location (Qdrtr, Sec, Twp, Rng, Meridian): SE1NW Sec 36-82S-68W  
8. County: Los Animas 9. Field Name: Purgatoire River  
10. Minerals: ☒ Fee ☒ State ☐ Federal ☐ Indian

11. Date of Test: 11-17-11  
12. Well Status: ☐ Flowing ☐ Shut In  
☐ Gas Lift ☒ Pumping ☐ Injection  
☐ Clock/Intermittent  
☐ Plunger Lift  
13. Number of Casing Strings:  
☒ Two ☐ Three ☐ Liner?

14. STEP 1: EXISTING PRESSURES  
Record all pressures as found  
Tubing: Fm: 146  
Tubing: Fm: 4222  
Prod. Casing: Csg: 0  
Intermediate Casing: Csg: 0  
Surface Casing: Csg: 0

15. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD TEST

Buried valve? ☐ Yes ☒ No Confirmed open? ☐ Yes ☒ No

Elapsed Time (Min Sec) Fm: 146 Fm: 4222 Production Casing PSIG Intermediate Casing PSIG Bradenhead Flow:

Elapsed Time (Min Sec)	Fm: <u>146</u>	Fm: <u>4222</u>	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00:					
05:					
10:					
15:					
20:					
25:					
30:					

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?  
☐ Yes ☒ No ☐ Gas ☐ Liquid

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

Sample cylinder number:

Note instantaneous Bradenhead PSIG at end of test: >

17. STEP 4: INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☐ No Confirmed open? ☐ Yes ☐ No

Elapsed Time (Min Sec) Fm: 146 Fm: 4222 Production Casing PSIG Intermediate Casing PSIG Intermediate Flow:

Elapsed Time (Min Sec)	Fm: <u>146</u>	Fm: <u>4222</u>	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00:					
05:					
10:					
15:					
20:					
25:					
30:					

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?  
☐ Yes ☐ No ☐ Gas ☐ Liquid

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

Sample cylinder number:

Note instantaneous Intermediate Casing PSIG at end of test: >

18. Comments: 0 pressure on Bradenhead

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: Travis Cole Title: Lease Operator Phone: 719-846-7898  
Signed: Travis Cole Title: \_\_\_\_\_ Date: 11-17-11  
WITNESSED BY: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_