

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 Resources USA INC
3. BLM Lease No:
4. API Number: 05-071-08628-0000 Multiple completion? ☐ Yes ☒ No
5. Well Name: Veedol Number: 34-28
6. Location (Ctr/Ctr, Sec, Twp, Rng, Meridian): S40E 28 33S 65W
7. County: Las Animas
8. Field Name: Purgatoire River
9. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian
10. Date of Test: 10-5-15
11. Well Status: ☐ Flowing ☐ Shut In
12. ☐ 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:	Tubing:	Prod Casing	Intermediate Casing	Surface Casing
Fm: <u>0</u>	Fm:	Fm:	Fm: <u>2</u>	Fm:	Fm: <u>0</u>

15. STEP 2: See instructions above

16. STEP 3: BRADENHEAD TEST

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 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:

Elapsed Time (Min Sec)	Fm Tubing	Fm Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00:			<u>2</u>		<u>0</u>
05:					
10:					
15:					
20:					
25:					
30:					

Note instantaneous Bradenhead PSIG at end of test: >

17. STEP 4: INTERMEDIATE CASING TEST

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 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:

Elapsed Time (Min Sec)	Fm Tubing	Fm Tubing	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: No pressure on braden head.

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: Bryan Morgan Title: _____ Phone: 719-869-0514

Signed: Bryan Morgan Title: _____ Date: 10-5-15

WITNESSED BY: _____ Title: _____ Agency: _____