

FORM
17
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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 RESOURCES 3. BLM Lease No: N/A
4. API Number: 05-071-08105 5. Multiple completion? ☐ Yes ☒ No
6. Well Name: Dublin Number: 14-13
7. Location (Qtr, Sec, Twp, Rng, Meridian): T34S, R66SW, Sec 13, SW 1/4, CR 53.1
8. County: Los Animas 9. Field Name: PURGATOIRE RIVER
10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 11/2/2011
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:	Tubing:	Prod. Casing:	Intermediate Csg:	Surface Casing:
	Fm: <u>0 psi</u>	Fm:	Fm: <u>5 psi</u>		Fm: <u>0 psi</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 = Whimper; S = Surge; G = Gas

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

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

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow:
00:	<u>0</u>		<u>5</u>		<u>0</u>
05:	<u>?</u>		<u>?</u>		<u>?</u>
10:	<u>?</u>		<u>?</u>		<u>?</u>
15:	<u>?</u>		<u>?</u>		<u>?</u>
20:	<u>?</u>		<u>?</u>		<u>?</u>
25:	<u>?</u>		<u>?</u>		<u>?</u>
30:	<u>?</u>		<u>?</u>		<u>?</u>