

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: <u>0084</u>	3. BLM Lease No:	11. Date of Test: <u>11/20/13</u>
2. Name of Operator: <u>Pioneer Natural Resources</u>	5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	12. Well Status: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Shut In
4. API Number: <u>05-071-07858-0000</u>	Number: <u>42-6</u>	<input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection
6. Well Name: <u>STORM</u>	7. Location (Otr/Otr, Sec, Twp, Rng, Meridian): <u>SE 1/4 Sec 10 T-32S R-67W</u>	<input type="checkbox"/> Check/Intermittent
8. County: <u>La Plata</u>	9. Field Name: <u>Platte River</u>	<input type="checkbox"/> Plunger Lift
10. Minerals: <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian		13. Number of Casing Stungs: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Lines?
14. STEP 1: EXISTING PRESSURES		
Record all pressures as found	Tubing: Fm: <u>N/A</u>	Tubing: Fm: <u>0</u>
	Prod. Casing: Fm: <u>13</u>	Intermediate Csg: Fm: <u>N/A</u>
		Surface Casing: Fm: <u>0</u>
15. STEP 2: See instructions above.		

16. STEP 3: BRADENHEAD TEST							
Buried valve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
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		00:			13	NA	0
		05:			13		0
		10:			13		0
		15:			13		0
		20:			13		0
		25:			13		0
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		30:			13		0
Character of Bradenhead fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black <input type="checkbox"/> Other (describe)		Note instantaneous Bradenhead PSIG at end of test: >					

17. STEP 4: INTERMEDIATE CASING TEST							
Buried valve? <input type="checkbox"/> Yes <input type="checkbox"/> No	Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
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		00:					7100
		05:					7100
		10:					7100
		15:					
		20:					
		25:					
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		30:					
Character of Intermediate fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black <input type="checkbox"/> Other (describe)		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: Vince Santistevan Title: Production Foreman Phone: 719 680 0712Signed: [Signature] Title: Production Foreman Date: 11/20/13

WITNESSED BY: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_