

State of Colorado  
Oil and Gas Conservation Commission

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FOR DECE 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		11. Date of Test: 10-5-15	
2. Name of Operator: Pioneer Natural Resources USA INC		3. BLM Lease No:	
4. API Number: 05-07106774-0000		5. Multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
6. Well Name: Picketwire		Number: 42-33	
7. Location (Dir/Qtz, Sec, Twp, Rng, Meridian): SE 1/4 33 33S 65W		8. County: Las Animas	
9. Field Name: Murgatoire River		12. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut In <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Injection <input type="checkbox"/> Clock/Intermittent <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 Strings: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?	
14. STEP 1: EXISTING PRESSURES			
Record all pressures as found	Tubing: <input checked="" type="checkbox"/> Fm: 0	Tubing: <input type="checkbox"/> Fm: 2	Prod Casing: <input type="checkbox"/> Fm: 2 Intermediate Csg: <input type="checkbox"/> Surface Casing: <input type="checkbox"/> 5
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)				
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		Fm: <input type="checkbox"/> Tubing	Fm: <input type="checkbox"/> Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
		00	0	2		0
		05				
		10				
		15				
		20				
		25				
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		30				
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: >				
Sample cylinder number:						

17. STEP 4: INTERMEDIATE CASING TEST						
Buried valve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> No		Elapsed Time (Min Sec)				
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		Fm: <input type="checkbox"/> Tubing	Fm: <input type="checkbox"/> Tubing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
		00				
		05				
		10				
		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: >				
Sample cylinder number:						
18. Comments: Braden Head Pool for less than a second						

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: 719-859-0514  
Signed: Bryan Morgan Title: \_\_\_\_\_ Date: 10-5-15  
WITNESSED BY: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_