

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109



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>10084</u>		11. Date of Test: <u>11-15-11</u>	
2. Name of Operator: <u>Pioneer Natural Resources</u> BLM Lease No: <u>N/A</u>		12. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut In	
4. API Number: <u>05-071-09232</u>		12. Well Status: <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Injection	
5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Clock/Intermittent <input type="checkbox"/> Plunger Lift	
6. Well Name: <u>KRUG</u> Number: <u>44-18</u>		13. Number of Casing Strings: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?	
7. Location (Qtr, Sec, Twp, Rng, Meridian): <u>SE 1/4 Sec 18-34S-61W</u>		18.	
8. County: _____ 9. Field Name: _____		STEP 2: See instructions above.	
10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian			

STEP 1: EXISTING PRESSURES				
Record all pressures as found	Tubing: Fm: <u>60</u>	Tubing: Fm: _____	Prod. Casing Fm: <u>2</u>	Intermediate Casing: _____
				Surface Casing: <u>0</u>

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 = Whimper; S = Surge; G = Gas		Fm: _____ Tubing	Fm: _____ Tubing	Production Casing PSIG	Intermediate Casing PSIG
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		00:	<u>60</u>	<u>2</u>	
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) _____		05:			
Sample cylinder number: _____		10:			
		15:			
		20:			
		25:			
		30:			
Note instantaneous Bradenhead PSIG at end of test: >					

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)			
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 = Whimper; S = Surge; G = Gas		Fm: _____ Tubing	Fm: _____ Tubing	Production Casing PSIG	Intermediate Casing PSIG
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		00:			
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) _____		05:			
Sample cylinder number: _____		10:			
		15:			
		20:			
		25:			
		30:			
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 Dickie Sintas Title Lease Operator Phone (719) 846-7898

Signed: [Signature] Title: _____ Date: 11-15-11

WITNESSED BY: _____ Title: _____ Agency: _____