

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 row, 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>	3. BLM Lease No: <u>N/A</u>	11. Date of Test: <u>11-17-11</u>
2. Name of Operator: <u>Pioneer Resources</u>	5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	12. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut In
4. API Number: <u>05-071-04527</u>	Number: <u>41-35</u>	<input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection
6. Well Name: <u>Reef Deep</u>	8. Field Name: <u>NE/NE Sec 35-32S-68W</u>	<input type="checkbox"/> Clock/Intermittent
7. Location (Dir/Oil, Sec, Twp, Rng, Meridian): <u>NE/NE Sec 35-32S-68W</u>	9. Field Name: <u>Reef Deep</u>	<input checked="" type="checkbox"/> Plunger Lift
8. County: <u>Las Animas</u>		13. Number of Casing Strings: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?
10. Minerals: <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian		16. <u>STEP 2: See instructions above.</u>

STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing: Fm: <u>63</u>	Tubing: Fm: <u>73.64</u>	Prod. Casing: Fm: <u>73.64</u>	Intermediate Casing: <u>0</u>	Surface Casing: <u>0</u>
-------------------------------	-----------------------	--------------------------	--------------------------------	-------------------------------	--------------------------

18. 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					
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 H ₂ O; M = Mud; W = Whimper; S = Surge; G = Gas					
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid					
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) _____					
Sample cylinder number: _____					
Note instantaneous Bradenhead PSIG at end of test: >					
Elapsed Time (Min Sec)	Fm: Tubing:	Fm: Tubing:	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow:
00:	<u>63</u>		<u>73.64</u>		<u>0</u>
05:					
10:					
15:					
20:					
25:					
30:					

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					
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 H ₂ O; M = Mud; W = Whimper; S = Surge; G = Gas					
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid					
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) _____					
Sample cylinder number: _____					
Note instantaneous Intermediate Casing PSIG at end of test: >					
Elapsed Time (Min Sec)	Fm: Tubing:	Fm: Tubing:	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow:
00:					
05:					
10:					
15:					
20:					
25:					
30:					

18. Comments: 0 pressure on Bradenhead

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: Travis Cole Title: Lease Operator Phone: 719-846-7898Signed: Travis Cole Title: _____ Date: 11-17-11

WITNESSED BY: _____ Title: _____ Agency: _____