

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>10112</u>	11. Date of Test: <u>6-22-2000</u>
2. Name of Operator: <u>Foundation Energy</u>	12. Well Status: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Shut In
3. BLM Lease No:	<input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection
4. API Number: <u>508105490</u>	<input type="checkbox"/> Clock/Intermittent
5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Plunger Lift
6. Well Name: <u>Lion Government</u>	13. Number of Casing Strings:
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>36 12N 101W</u>	<input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?
8. County: <u>Moffat</u>	
9. Field Name: <u>Lion Government</u>	
10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian	
14. STEP 1: EXISTING PRESSURES	
Record all pressures as found	15. STEP 2: See instructions above.
Tubing: Fm: <u>70</u>	
Tubing: Fm:	
Prod. Casing: Fm: <u>80</u>	
Intermediate Cag:	
Surface Casing: <u>0</u>	

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:	<u>70</u>		<u>80</u>		<u>0</u>
		05:	<u>70</u>		<u>80</u>		<u>0</u>
		10:	<u>70</u>		<u>80</u>		<u>0</u>
		15:	<u>70</u>		<u>80</u>		<u>0</u>
		20:	<u>70</u>		<u>80</u>		<u>0</u>
		25:	<u>70</u>		<u>80</u>		<u>0</u>
		30:	<u>70</u>		<u>80</u>		<u>0</u>
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		Note instantaneous Bradenhead PSIG at end of test: >					
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:							

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:					
		05:					
		10:					
		15:					
		20:					
		25:					
		30:					
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		Note instantaneous Intermediate Casing PSIG at end of test: >					
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:							
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: Doug Palmer Title: Contract Phone: 307-267-9990Signed: [Signature] Title: Date: 6-22-2000

WITNESSED BY: Title: Agency: