

## OIL AND GAS CONSERVATION COMMISSION

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## 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:		3. BLM Lease No:		11. Date of Test:	
2. Name of Operator: <u>Foundation Energy</u>		5. Multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		12. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut in	
4. API Number: <u>02-723-19440</u>		6. Well Name: <u>FEDERAL Energy</u>		<input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection	
7. Location (OtrOtr, Sec, Twp, Rng, Meridian): <u>SE 1/4, SEC, 33, T8N, R6W</u>		8. County:		<input type="checkbox"/> Clock/Intermitter	
9. Field Name:		10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian		<input type="checkbox"/> Plunger Lift	
14. STEP 1: EXISTING PRESSURES		13. Number of Casing Strings:		15.	
Record all pressures as found	Tubing: Fm: <u>0</u>	Tubing: Fm:	Prod. Casing: Fm: <u>50</u>	Intermediate Csg: Fm:	Surface Casing: Fm:
STEP 2: See instructions above.					

16. STEP 3: BRADENHEAD TEST					
Buried valve? <input checked="" type="checkbox"/> Yes <input 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: D = No Flow; C = Continuous; D = Down to 0; V = Vapor H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas					
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input 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:					
Elapsed Time (Min:Sec)	Fm: Tubing:	Fm: Tubing:	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow:
00:					
05:	<u>0</u>		<u>50</u>		<u>0</u>
10:	<u>0</u>		<u>50</u>		<u>0</u>
15:	<u>0</u>		<u>50</u>		<u>0</u>
20:	<u>0</u>		<u>50</u>		<u>0</u>
25:					
30:					
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					
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: D = No Flow; C = Continuous; D = Down to 0; V = Vapor H = Water H2O; M = Mud; W = Whisper; 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:					
Elapsed Time (Min:Sec)	Fm: Tubing:	Fm: Tubing:	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow:
00:					
05:					
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: Roger Steele Title: Pumper Phone: \_\_\_\_\_Signed: \_\_\_\_\_ Title: \_\_\_\_\_ Date: 9-16-20

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