

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 601, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109



FOR BASIC 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 SLIM 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: 10112		11. Date of Test: 7/7/2021	
2. Name of Operator: Foundation Energy Management		3. SLIM Lease No:	
4. API Number:	5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	12. Well Status: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Shut In	
6. Well Name: FEDERAL	Number: 2-9	<input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection	
7. Location (Ctr/Ctr, Sec, Twp, Rng, Meridian):		<input type="checkbox"/> Clock/Intermittent	
8. County:	9. Field Name:	<input type="checkbox"/> Plunger Lift	
10. Minerals: <input 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: 85*	Prod. Casing: 85*	Intermediate Casing: 0
Fm:	Fm:	Fm:	Fm:
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 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 H2O; M = Mud; W = Whisper; S = Surge; G = Gas		Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow	
		00:	85*		85*		0	
		05:	85*		85*		0	
		10:	85*		85*		0	
		15:	85*		85*		0	
		20:	85*		85*		0	
		25:	85*		85*		0	
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		30:		85*		85*		0
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: > 0						
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					
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		Elapsed Time (Min:Sec)	Fm: Tubing	Fm: 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:

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: MIKE BARNES Title: Phone:

Signed: Mike Barnes Title: Date: 7/7/2021

WITNESSED BY: Title: Agency: