

FORM  
17Rev  
11/20

## State of Colorado

## Oil and Gas Conservation Commission

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

Document Number:  
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## BRADENHEAD TEST REPORT

- Step 1. Before opening any valves, record all tubing and casing pressures as found.  
 Step 2. Collect liquid and gas samples as required; consult Bradenhead Testing and Reporting Instructions and Guidance for field specific Orders at <http://cogcc/reg.html#opguidance>  
 Step 3. Conduct Bradenhead test.  
 Step 4. Submit Form 17 within 10 days of test. Attach a wellbore diagram if not previously submitted or if wellbore configuration has changed since last wellbore diagram was submitted.  
 Step 5. Submit sample analytical results via Form 43.

1. OGCC Operator Number: 88379 3. BLM Lease No: \_\_\_\_\_  
 2. Name of Operator: Timber Resources  
 4. API Number: 05-075-08443 5. Multiple completion? Yes ☐ No ☒  
 6. Well Name: Ricke Number: 1  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE 10 ... 10N54W 6  
 8. County: Logan 9. Field Name: Little Hot  
 10. Minerals: Fee State Federal Indian

11. Date of Test: 4-13-2023

12. Well Status: Flowing  
 Shut In Gas Lift  
☒ Pumping Injection  
 Clock/Intermittent  
 Plunger Lift

13. Number of Casing Strings:  
☒ Two Three Liner?

## 14. EXISTING PRESSURES

Record all pressures as found	Tubing: _____	Tubing: _____	Prod Csg _____	Intermediate _____	Surf. Csg _____
	Fm: <u>5</u>	Fm: _____	Fm: <u>40</u>	Csg: _____	<u>0</u>

## BRADENHEAD TEST

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.

Describe character of flow in "Bradenhead Flow" column: O = No Flow; C = Continuous; D = Down to 0; S = Surge; W = Whimper

Describe fluid type in "Bradenhead Fluid" column: H = Water H<sub>2</sub>O; M = Mud; G = Gas; V = Vapor; L = Liquid Hydrocarbon; H & M = Water & Mud; H & G = Water & Gas; H & V = Water & Vapor; M & G = Mud & Gas; M & V = Mud & Vapor; G & V = Gas & Vapor; H & L = Water & Liquid Hydrocarbon; M & L = Mud & Liquid Hydrocarbon; G & L = Gas & Liquid Hydrocarbon; V & L = Vapor & Liquid Hydrocarbon; N = None

Buried valve? Yes <input type="radio"/> No <input checked="" type="radio"/>	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
Confirmed open? <input checked="" type="radio"/> Yes <input type="radio"/> No	00:	<input type="checkbox"/> 5	<input type="checkbox"/>	<input type="checkbox"/> 40		0	N
BRADENHEAD SAMPLE TAKEN? Yes <input checked="" type="radio"/> No <input type="radio"/> Gas <input type="radio"/> Liquid	05:	<input type="checkbox"/> 5	<input type="checkbox"/>	<input type="checkbox"/> 40		0	N
Character of Bradenhead fluid: Clear Fresh Sulfur Salty Black Other:(describe) <u>NONE</u>	10:	<input type="checkbox"/> 5	<input type="checkbox"/>	<input type="checkbox"/> 40		0	N
	15:	<input type="checkbox"/> 5	<input type="checkbox"/>	<input type="checkbox"/> 40		0	N
	20:	<input type="checkbox"/> 5	<input type="checkbox"/>	<input type="checkbox"/> 40		0	N
	25:	<input type="checkbox"/> 5	<input type="checkbox"/>	<input type="checkbox"/> 40		0	N
	30:	<input type="checkbox"/> 5	<input type="checkbox"/>	<input type="checkbox"/> 40		0	N
Instantaneous Bradenhead PSIG at end of test: > <u>0</u>							

## INTERMEDIATE CASING TEST

With gauges monitoring production, intermediate casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals.

Describe character of flow in "Intermediate Flow" column: O = No Flow; C = Continuous; D = Down to 0; S = Surge; W = Whisper

Describe fluid type in "Intermediate Fluid" column: H = Water H<sub>2</sub>O; M = Mud; G = Gas; V = Vapor; L = Liquid Hydrocarbon; H & M = Water & Mud; H & G = Water & Gas; H & V = Water & Vapor; M & G = Mud & Gas; M & V = Mud & Vapor; G & V = Gas & Vapor; H & L = Water & Liquid Hydrocarbon; M & L = Mud & Liquid Hydrocarbon; G & L = Gas & Liquid Hydrocarbon; V & L = Vapor & Liquid Hydrocarbon; N = None.

Buried valve?	Yes	No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
Confirmed open?	Yes	No		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
INTERMEDIATE SAMPLE TAKEN?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Yes	No	Gas	Liquid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Character of Intermediate fluid:  Clear      Fresh Sulfur    Salty      Black Other:(describe) _____				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Instantaneous Intermediate Casing PSIG at end of test: > _____									

Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed By: Todd Pivonka Title: VP Phone: () 920-590-5617  
 Signed: [Signature] Title: VP Date: 4-13-23  
 Witnessed By: [Signature] Title: Agent Agency: Linka