

FORM  
17

Rev  
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:

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: 10724      3. BLM Lease No: \_\_\_\_\_  
 2. Name of Operator: NORTH SHORE EXPLORATION AND PRODUCTION  
 4. API Number; 05-081-07139      5. Multiple completion?      Yes      No  
 6. Well Name: RODEWALD      Number: 11-4  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNW.4,10N,93W.6  
 8. County MOFFAT      9. Field Name: TEARDROP  
 10. Minerals:      Fee      State      Federal      Indian

11. Date of Test:  
12-28-22  
 12. Well Status:  Flowing  
 Shut In      Gas Lift  
                  Pumping      Injection  
                  Clock/Intermitter  
                  Plunger Lift  
 13. Number of Casing Strings:  
 Two      Three      Liner?

14. EXISTING PRESSURES

Record all pressures as found	Tubing: <u>96.3</u> Fm: _____	Tubing: _____ Fm: _____	Prod Csg <u>280</u> Fm: _____	Intermediate Csg: _____	Surf. Csg <u>0</u>
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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 = Whisper  
 Describe fluid type in "Bradenhead Fluid" column: H = Water H2O; 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 checked="" type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid
Confirmed open?      Yes      No	<u>00:00</u>	<u>D 96.3</u>	<u>D</u>	<u>D 280</u>		<u>0</u>	<u>0</u>
BRADENHEAD SAMPLE TAKEN?	<u>05:24</u>	<u>D 96.3</u>	<u>D</u>	<u>D 280</u>		<u>0</u>	<u>0</u>
Yes <input checked="" type="checkbox"/> No      Gas      Liquid	<u>10:18</u>	<u>D 96.3</u>	<u>D</u>	<u>D 280</u>		<u>0</u>	<u>0</u>
Character of Bradenhead fluid:	<u>15:10</u>	<u>D 96.3</u>	<u>D</u>	<u>D 279</u>		<u>0</u>	<u>0</u>
Clear      Fresh	<u>20:17</u>	<u>D 96.2</u>	<u>D</u>	<u>D 279</u>		<u>0</u>	<u>0</u>
Sulfur      Salty      Black	<u>25:37</u>	<u>D 96.3</u>	<u>D</u>	<u>D 280</u>		<u>0</u>	<u>0</u>
Other:(describe)	<u>30:44</u>	<u>D 96.3</u>	<u>D</u>	<u>D 280</u>		<u>0</u>	<u>0</u>
Instantaneous Bradenhead PSIG at end of 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 H2O; 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		D	D	D			
INTERMEDIATE SAMPLE TAKEN?				D	D	D			
Yes	No	Gas	Liquid	D	D	D			
Character of Intermediate fluid:				D	D	D			
Clear	Fresh			D	D	D			
Sulfur	Salty	Black		D	D	D			
Other:(describe)				D	D	D			
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: Oliver Wille Title: Pumper Phone: ( ) 307-321-1299  
 Signed: Oliver Wille Title: Pumper Date: 12-28-22  
 Witnessed By: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_