

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 LLC
 4. API Number: 05-081-06976-00 5. Multiple completion? Yes ☐ No ☐
 6. Well Name: FEDERAL 1-23-33 Number: _____
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NESW, SEC 33, 11N, 93W, 6
 8. County MOFFAT 9. Field Name: TEARDROP
 10. Minerals: Fee State Federal Indian

11. Date of Test: 8-25-24

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>88.7</u>	Tubing: _____	Prod Csg <u>277</u>	Intermediate	Surf. Csg
	Fm: LWIS	Fm: _____	Fm: LWIS	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 = 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 type="checkbox"/> No <input checked="" type="checkbox"/>	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>00:00</u>	<u>88.7</u>	<u>D</u>	<u>277</u>		<u>0</u>	<u>0</u>
BRADENHEAD SAMPLE TAKEN? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid <input type="checkbox"/>	<u>5:17</u>	<u>88.4</u>	<u>D</u>	<u>277</u>		<u>0</u>	<u>0</u>
Character of Bradenhead fluid:	<u>10:31</u>	<u>88.3</u>	<u>D</u>	<u>277</u>		<u>0</u>	<u>0</u>
Clear Fresh	<u>15:44</u>	<u>87.7</u>	<u>D</u>	<u>276</u>		<u>0</u>	<u>0</u>
Sulfur Salty Black	<u>20:50</u>	<u>88.2</u>	<u>D</u>	<u>277</u>		<u>0</u>	<u>0</u>
Other:(describe)	<u>25:58</u>	<u>88.4</u>	<u>D</u>	<u>277</u>		<u>0</u>	<u>0</u>
	<u>31:03</u>	<u>88.1</u>	<u>D</u>	<u>276</u>		<u>0</u>	<u>0</u>
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

ervais.

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: 

Title: Pumper

Date: 7-25-24

Witnessed By:

Title:

Agency: