

# State of Colorado Oil and Gas Conservation Commission

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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; 05-081-07102-00      5. Multiple completion?      Yes      No  
 6. Well Name: EVANS FEDERAL      Number: 22-28  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SENW, SEC 28, 11N, 93W, 6      ,,,,  
 8. County \_\_\_\_\_      9. Field Name: \_\_\_\_\_  
 10. Minerals:      Fee      State      Federal      Indian

11. Date of Test: 7-27-24  
 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>93.2</u> Fm: <u>LWIS</u>	Tubing: _____ Fm: _____	Prod Csg <u>349</u> Fm: <u>LWIS</u>	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 <u>K</u> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
Confirmed open? <u>K</u> Yes      No	<u>00:00</u>	<u>D</u> <u>93.2</u>	<u>D</u>	<u>D</u> <u>349</u>		<u>0</u>	<u>0</u>
<b>BRADENHEAD SAMPLE TAKEN?</b>	<u>05:18</u>	<u>D</u> <u>93.1</u>	<u>D</u>	<u>D</u> <u>349</u>		<u>0</u>	<u>0</u>
Yes <u>0</u> No      Gas      Liquid	<u>10:24</u>	<u>D</u> <u>93.2</u>	<u>D</u>	<u>D</u> <u>349</u>		<u>0</u>	<u>0</u>
Character of Bradenhead fluid:	<u>15:39</u>	<u>D</u> <u>93.1</u>	<u>D</u>	<u>D</u> <u>349</u>		<u>0</u>	<u>0</u>
Clear      Fresh	<u>20:44</u>	<u>D</u> <u>93.0</u>	<u>D</u>	<u>D</u> <u>349</u>		<u>0</u>	<u>0</u>
Sulfur      Salty      Black	<u>25:52</u>	<u>D</u> <u>93.0</u>	<u>D</u>	<u>D</u> <u>349</u>		<u>0</u>	<u>0</u>
Other:(describe)	<u>31:01</u>	<u>D</u> <u>93.0</u>	<u>D</u>	<u>D</u> <u>349</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

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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? Confirmed open?	Yes Yes	No No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
				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: 7-27-24  
 Witnessed By: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_