

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:

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.org/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: 3-18-24

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: <u>209.8</u>	Tubing: _____	Prod Csg <u>424</u>	Intermediate Csg: _____	Surf. Csg <u>0</u>
	Fm: <u>LWIS</u>	Fm: _____	Fm: <u>LWIS</u>	Csg: _____	

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

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Prod Csg PSIG	Intermediate Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
Buried valve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
00:00	D 209.8	D	D 424		0	0
BRADENHEAD SAMPLE TAKEN?						
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid						
05:12	D 209.8	D	D 424		0	0
10:13	D 209.8	D	D 424		0	0
Character of Bradenhead fluid:						
<input type="checkbox"/> Clear <input type="checkbox"/> Fresh	15:24	D 209.7	D 424		0	0
<input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black	20:29	D 209.7	D 424		0	0
Other:(describe)	25:33	D 209.7	D 424		0	0
	30:39	D 209.7	D 424		0	0
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

Interval:

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.

Elapsed Time (Min:Sec)	From Tubing	From Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
Buried valve? <input type="checkbox"/> Yes <input type="checkbox"/> No						
Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> No						
INTERMEDIATE SAMPLE TAKEN?						
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid						
Character of Intermediate fluid:						
<input type="checkbox"/> Clear <input type="checkbox"/> Fresh						
<input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black						
Other:(describe)						
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: (1) 307-321-1299

Signed: *Oliver Wille*

Title: Pumper

Date: 3-18-29

Witnessed By: _____

Title: _____

Agency: _____

Well Completion Diagram

API Well No: 05-081-07102-00-		Well Name: EVANS FEDERAL 22-28	
Owner: North Shore Exploration & Production, LLC	County: MOFFAT	Field: TEARDROP	Pool:
Coordinates: X 1776 FWL	Y 2108 FNL	Sec: 28	Twp: 11N Rng: 93W

Note: Changes to the drawing do not affect the database

Bore Diameters (in.)

