

FORM
17
Rev
11/20

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.htm#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:		11. Date of Test: 12-29-22	
2. Name of Operator: NORTH SHORE EXPLORATION AND PRODUCTION					
4. API Number: 05-081-06975		5. Multiple completion? Yes No		12. Well Status: X Flowing	
6. Well Name: EVANS		Number: 24-28		Shut In Gas Lift	
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESW,28,11N,93W,6					
8. County MOFFAT		9. Field Name: TEARDROP		Pumping Injection	
10. Minerals: Fee State Federal Indian				Clock/Intermitter	
				Plunger Lift	
13. Number of Casing Strings: Two Three Liner?					
14. EXISTING PRESSURES					
Record all pressures as found	Tubing: 84.3 Fm: _____	Tubing: _____ Fm: _____	Prod Csg 271 Fm: _____	Intermediate Csg: _____	Surf. Csg 0

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	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid
00:00	D 84.3	D	D 271		O	O
05:12	D 85.0	D	D 271		O	O
10:20	D 84.7	D	D 271		O	O
15:27	D 84.6	D	D 271		O	O
20:21	D 84.5	D	D 271		O	O
25:18	D 84.5	D	D 271		O	O
30:12	D 84.5	D	D 271		O	O
Instantaneous Bradenhead PSIG at end of test; >						0

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.

Elapsed Time (Min.Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
Buried valve? Yes No Confirmed open? Yes No	D	D	D			
INTERMEDIATE SAMPLE TAKEN? Yes No Gas Liquid	D	D	D			
Character of Intermediate fluid: Clear Fresh Sulfur Salty Black 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: () 307-321-7299

Signed: *Oliver Wille* Title: Pumper Date: 12-29-22

Witnessed By: _____ Title: _____ Agency: _____