

State of Colorado
Energy & Carbon Management Commission



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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://ecmc/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. ECMC Operator Number: 10409 3. BLM Lease No: NA
 2. Name of Operator: PEAKVIEW OPERATING COMPANY LLC
 4. API Number; 05-081-06185-00 5. Multiple completion? Yes No
 6. Well Name: KOWACH Number: 1-9
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESW,9,6N,90W,6
 8. County MOFFAT 9. Field Name: BUCK PEAK
 10. Minerals: Fee State Federal Indian

11. Date of Test: 09/19/2024
 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: _____ Fm: _____	Tubing: <u>180</u> Fm: <u>NBRR</u>	Prod Csg <u>70</u> Fm: <u>NBRR</u>	Intermediate Csg: <u>150</u>	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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
			00:00		NBRR 180	70	150
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	05:00		NBRR 180	70	150	NO FLOW	NONE
	10:00		NBRR 180	70	150	NO FLOW	NONE
Character of Bradenhead fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black Other:(describe) <u>No flow. No liquid or gas</u>	15:00						
	20:00						
	25:00						
	30:00						
REQUIRED - Instantaneous Bradenhead Pressure at End of Test: <u>0</u> PSIG							

INTERMEDIATE CASING 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
	00:00		NBRR 180	70	150	SURGE	WATER H2O
INTERMEDIATE SAMPLE TAKEN? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid	05:00		NBRR 180	70	2	CONTINUOUS	WATER H2O
	10:00		NBRR 180	70	2	CONTINUOUS	WATER H2O
Character of Intermediate fluid: <input checked="" type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black Other:(describe) Grey/Effervescent/Turbid	15:00		NBRR 18	70	2	CONTINUOUS	WATER H2O
	20:00		NBRR 180	70	2	CONTINUOUS	WATER H2O
	25:00		NBRR 180	70	2	CONTINUOUS	WATER H2O
	30:00		NBRR 180	70	2	CONTINUOUS	WATER H2O
REQUIRED - Instantaneous Intermediate Casing Pressure at End of Test:						10	PSIG

Comments: Minerals are both Fee and State (40 acres of each). The bradenhead test was ceased after 10 minutes as no flow was observed. Analytical laboratory results of the liquid samples collected from the intermediate casing test will be provided on a Form 43.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed By: Alex Slorby Title: Project Scientist Phone: (701) 721-5415
 Signed: Wayne Wise Title: Operations Engineer Date: 9/30/2024
 Witnessed By: _____ Title: _____ Agency: _____