

FORM
17
Rev
11/20

State of Colorado
Energy & Carbon Management Commission



Document Number:
403576964

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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://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: 77330 3. BLM Lease No: _____
 2. Name of Operator: SG INTERESTS I LTD
 4. API Number; 05-051-06085-00 5. Multiple completion? Yes No
 6. Well Name: FEDERAL 11-90-15 Number: 1
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESW,15,11S,90W,6
 8. County GUNNISON 9. Field Name: RAGGED MOUNTAIN
 10. Minerals: Fee State Federal Indian

11. Date of Test: 10/25/2023
 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>1010</u> Fm: _____	Tubing: _____ Fm: _____	Prod Csg <u>515</u> Fm: _____	Intermediate Csg: <u>6</u>	Surf. Csg <u>8</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

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
00:00	1010		515	6	CONTINUOUS	GAS
05:00	1010		515	6	CONTINUOUS	GAS
10:00	1010		515	6	CONTINUOUS	GAS
15:00	1010		515	6	CONTINUOUS	GAS
20:00	1010		515	6	CONTINUOUS	GAS
25:00	1010		515	6	WHISPER	GAS
30:00	1010		515	6	WHISPER	GAS
REQUIRED - Instantaneous Bradenhead Pressure at End of Test: <u>0</u> PSIG						

Buried valve? Yes No
 Confirmed open? Yes No
 BRADENHEAD SAMPLE TAKEN?
 Yes No Gas Liquid
 Character of Bradenhead fluid:
 Clear Fresh
 Sulfur Salty Black
 Other:(describe)

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 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	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
	00:00	1010		515		CONTINUOUS	GAS
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	05:00	1010		515		WHISPER	GAS
	10:00	1010		515		WHISPER	GAS
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) _____	15:00	1010		515		WHISPER	GAS
	20:00	1010		515		WHISPER	GAS
	25:00	1010		515		WHISPER	GAS
	30:00	1010		515		WHISPER	GAS
REQUIRED - Instantaneous Intermediate Casing Pressure at End of Test: <u>0</u> PSIG							

Comments: Bradenhead - Flow of gas for approx. 20 minutes when bradenhead valve was opened. Flowed whisper of gas from 20 minutes to >30 minutes.

Intermediate - Flow of gas for approx. 5 minutes when intermediate valve was opened. Flowed whisper of gas from 5 minutes to >30 minutes.

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

Test Performed By: Jacob Harter Title: Consultant Phone: () 970-946-3761

Signed: Jacob Harter Title: Consultant Date: 11/2/2023

Witnessed By: _____ Title: _____ Agency: _____