

# State of Colorado Oil and Gas Conservation 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://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: 47200 3. BLM Lease No: \_\_\_\_\_  
 2. Name of Operator: KGH OPERATING COMPANY  
 4. API Number; 05-103-09030-00 5. Multiple completion? ☐ Yes ☒ No  
 6. Well Name: TEXAS MOUNTAIN-FEDERAL Number: 6  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE,21,3S,102W,6  
 8. County RIO BLANCO 9. Field Name: TEXAS MOUNTAIN  
 10. Minerals: ☐ Fee ☐ State ☒ Federal ☐ Indian

11. Date of Test: 08/18/202212. 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>45</u>	Tubing: _____	Prod Csg <u>112</u>	Intermediate	Surf. Csg
	Fm: _____	Fm: _____	Fm: _____	Csg: <u>44</u>	<u>0</u>

### 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 H<sub>2</sub>O; 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	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	00:00	45		112	44	WHISPER	GAS
BRADENHEAD SAMPLE TAKEN?	05:00	47		112	44	NO FLOW	NONE
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	10:00	47		112	44	NO FLOW	NONE
Character of Bradenhead fluid:	15:00	49		112	44	NO FLOW	NONE
<input type="checkbox"/> Clear <input type="checkbox"/> Fresh	20:00	50		112	44	NO FLOW	NONE
<input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black	25:00	51		112	44	NO FLOW	NONE
Other:(describe)	30:00	51		113	44	NO FLOW	NONE
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 H<sub>2</sub>O; 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	51		113	44	DOWN TO 0	GAS
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	05:00	51		113	0	NO FLOW	NONE
	10:00	28		113	0	NO FLOW	NONE
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	28		113	0	NO FLOW	NONE
	20:00	26		113	0	NO FLOW	NONE
	25:00	26		113	0	NO FLOW	NONE
	30:00	25		113	0	NO FLOW	NONE
REQUIRED - Instantaneous Intermediate Casing Pressure at End of Test: <u>0</u> PSIG							

Comments:

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

Test Performed By: <u>Wade Cox</u>	Title: <u>Operator</u>	Phone: <u>(970) 5747299</u>
Signed: <u>Jacob Hohn</u>	Title: <u>Engineer</u>	Date: <u>12/8/2022</u>
Witnessed By: _____	Title: _____	Agency: _____