

FORM

17

Rev  
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/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: 46685 3. BLM Lease No: \_\_\_\_\_  
 2. Name of Operator: Kinder Morgan CO2 CO  
 4. API Number: \_\_\_\_\_ 5. Multiple completion? Yes No  
 6. Well Name: \_\_\_\_\_ Number: SC-9  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): \_\_\_\_\_  
 8. County \_\_\_\_\_ 9. Field Name: \_\_\_\_\_  
 10. Minerals: Fee State Federal Indian

11. Date of Test: 10/19/22

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>N/A</u> Fm: _____	Tubing: <u>N/A</u> Fm: _____	Prod Csg <u>651.9</u> Fm: _____	Intermediate Csg: <u>N/A</u>	Surf. Csg <u>-0.1</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 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? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Confirmed open? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
BRADENHEAD SAMPLE TAKEN? Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Gas Liquid		00:00	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> N/A	651.8	N/A	-0.1	N
Character of Bradenhead fluid: Clear Fresh Sulfur Salty Black Other:(describe) <u>N/A</u>		05:00	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> N/A	651.7	N/A	-0.1	N
		10:00	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> N/A	651.7	N/A	-0.1	N
		15:00	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> N/A	651.7	N/A	-0.1	N
		20:00	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> N/A	651.6	N/A	-0.1	N
		25:00	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> N/A	651.6	N/A	-0.1	N
		30:00	<input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> N/A	653.6	N/A	-0.1	N
Instantaneous Bradenhead PSIG at end of test: > <u>-0.1</u>								

Start time 1:24 PM

## 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?	Yes	No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
Confirmed open?	Yes	No		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
INTERMEDIATE SAMPLE TAKEN?				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Yes	No	Gas	Liquid	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Character of Intermediate fluid:  Clear      Fresh Sulfur      Salty      Black Other:(describe) _____			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
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: Lane Cox Title: Operator Phone: (970) 759 5031  
 Signed: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_  
 Witnessed By: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_