

FORM  
17Rev  
11/20State 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:

402536000

## 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: 47120 3. BLM Lease No: \_\_\_\_\_

2. Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP

4. API Number; 05-123-39248-00 5. Multiple completion? ☐ Yes ☐ No

6. Well Name: SACK Number: 28C-30HZ

7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESW,31,1N,67W,6

8. County WELD 9. Field Name: WATTENBERG

10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 11/17/2020

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: 264 Fm: _____	Tubing: _____ Fm: _____	Prod Csg 288 Fm: _____	Intermediate Csg: 1	Surf. Csg 15
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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 = NoneBuried valve? ☐ Yes ☒ NoConfirmed open? ☒ Yes ☐ No

BRADENHEAD SAMPLE TAKEN?

☐ Yes ☒ No ☐ Gas ☐ Liquid

Character of Bradenhead fluid:

☐ Clear ☐ Fresh☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
00:00	<input type="checkbox"/> 264	<input type="checkbox"/>	<input type="checkbox"/> 288	1	CONTINUOUS	GAS
05:00	<input type="checkbox"/> 205	<input type="checkbox"/>	<input type="checkbox"/> 290	1	NO FLOW	NONE
10:00	<input type="checkbox"/> 189	<input type="checkbox"/>	<input type="checkbox"/> 287	1	NO FLOW	NONE
15:00	<input type="checkbox"/> 196	<input type="checkbox"/>	<input type="checkbox"/> 2853	1	NO FLOW	NONE
20:00	<input type="checkbox"/> 293	<input type="checkbox"/>	<input type="checkbox"/> 301	1	NO FLOW	NONE
25:00	<input type="checkbox"/> 193	<input type="checkbox"/>	<input type="checkbox"/> 294	1	NO FLOW	NONE
30:00	<input type="checkbox"/> 181	<input type="checkbox"/>	<input type="checkbox"/> 287	1	NO FLOW	NONE

Instantaneous Bradenhead PSIG at end of test: &gt; 0

## INTERMEDIATE CASING 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 "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 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	<input type="checkbox"/> 181	<input type="checkbox"/>	<input type="checkbox"/> 287	1	WHISPER	GAS
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	05:00	<input type="checkbox"/> 181	<input type="checkbox"/>	<input type="checkbox"/> 287	0	NO FLOW	NONE
	10:00	<input type="checkbox"/> 181	<input type="checkbox"/>	<input type="checkbox"/> 287	0	NO FLOW	NONE
	15:00	<input type="checkbox"/> 181	<input type="checkbox"/>	<input type="checkbox"/> 287	0	NO FLOW	NONE
	20:00	<input type="checkbox"/> 181	<input type="checkbox"/>	<input type="checkbox"/> 287	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) _____	25:00	<input type="checkbox"/> 181	<input type="checkbox"/>	<input type="checkbox"/> 287	0	NO FLOW	NONE
	30:00	<input type="checkbox"/> 181	<input type="checkbox"/>	<input type="checkbox"/> 287	0	NO FLOW	NONE
	Instantaneous Intermediate Casing PSIG at end of test: > 0 _____						

Comments: SURFACE CASING PRODUCED NO LIQUIDS.

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

Test Performed By: <u>JUSTIN LEE</u>	Title: <u>BRADENHEAD OPS</u>	Phone: <u>(970) 7681583</u>
Signed: <u>JUSTIN LEE</u>	Title: <u>BRADENHEAD OPS</u>	Date: <u>11/19/2020</u>
Witnessed By: _____	Title: _____	Agency: _____