

FORM  
17Rev  
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: 10518 3. BLM Lease No: N/A  
 2. Name of Operator: Confluence DJ LLC  
 4. API Number: -123-50943 5. Multiple completion? ☐ Yes ☒ No  
 6. Well Name: Willow Number: 22-14-2L  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SW SW Sec 22 T1N R6SW  
 8. County: Weld 9. Field Name: Wattenberg  
 10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 2/7/202112. 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 foundTubing: 1,900psi  
Fm: NBRPTubing: N/A  
Fm: N/AProd Csg Opsi  
Fm: Behind PKRIntermediate  
Csg: N/ASurf. Csg  
Opsi

## 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid 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)  	Elapsed Time (Min:Sec)	Fm: <u>NBRP</u> Tubing	Fm: <u>N/A</u> Tubing	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
	00:00	<input type="checkbox"/> 1,900	<input type="checkbox"/> N/A	<input type="checkbox"/> 0	<input type="checkbox"/> N/A	<input type="checkbox"/> O	<input type="checkbox"/> N
	05:00	<input type="checkbox"/> 1,900	<input type="checkbox"/> N/A	<input type="checkbox"/> 0	<input type="checkbox"/> N/A	<input type="checkbox"/> O	<input type="checkbox"/> N
	10:00	<input type="checkbox"/> 1,900	<input type="checkbox"/> N/A	<input type="checkbox"/> 0	<input type="checkbox"/> N/A	<input type="checkbox"/> O	<input type="checkbox"/> N
	15:00	<input type="checkbox"/> 1,900	<input type="checkbox"/> N/A	<input type="checkbox"/> 0	<input type="checkbox"/> N/A	<input type="checkbox"/> O	<input type="checkbox"/> N
	20:00	<input type="checkbox"/> 1,900	<input type="checkbox"/> N/A	<input type="checkbox"/> 0	<input type="checkbox"/> N/A	<input type="checkbox"/> O	<input type="checkbox"/> N
	25:00	<input type="checkbox"/> 1,900	<input type="checkbox"/> N/A	<input type="checkbox"/> 0	<input type="checkbox"/> N/A	<input type="checkbox"/> O	<input type="checkbox"/> N
	30:00	<input type="checkbox"/> 1,900	<input type="checkbox"/> N/A	<input type="checkbox"/> 0	<input type="checkbox"/> N/A	<input type="checkbox"/> O	<input type="checkbox"/> N
Instantaneous Bradenhead PSIG at end of test: > <u>0</u>							

## 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 type="checkbox"/> Yes <input type="checkbox"/> No Confirmed open? <input 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:
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
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) _____		<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: Ed Stinson Title: Wellsite Supervisor Phone: 307-359-2889  
 Signed: Anthony Rothe Title: Engineering Mgr. Date: 2/7/2022  
 Witnessed By: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_