

State of Colorado
Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

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://ocgcc.org/hm/#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: 16700		3. BLM Lease No:		11. Date of Test: 8-18-21	
2. Name of Operator: CHEVRON USA INC		4. API Number: 05-103-01076		12. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut in	
5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		6. Well Name: S.W. McLaughlin		<input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Injection	
7. Location (Grid, Sec, Twp, Rng, Meridian): Sec 33, T24N, R122W, 6th PM		8. County: RIO BLANCO		<input type="checkbox"/> Clock/Intermittent	
9. Field Name: RANGELY		10. Minerals: <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian		<input type="checkbox"/> Plunger Lift	
13. Number of Casing Strings: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> One?		16. STEP 2: See instructions above.			

STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing: 55 Fm: WEBER	Tubing: Fm: 	Prod. Casing: 60 Fm: WEBER	Intermediate Csg: 	Surface Casing: 60
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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 B; 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.

Buried valve? Yes / No	Elapsed Time (Min:Sec)	Fm: WEBER Tubing	Fm: Tubing	Prod Csg PSIG	Intermediate Csg PSIG	Bradenhead Flow	Bradenhead Fluid
Confirmed open? / Yes No	00:	= 55	=	= 60		C	C
BRADENHEAD SAMPLE TAKEN? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (Gas) Liquid	05:	= 55	=	= 45		C	C
Character of Bradenhead fluid: Clear Fresh Sulfur Salty Black Other: (describe) 1001 + 1002	10:	= 55	=	= 35		C	C
	15:	= 55	=	= 25		C	C
	20:	= 55	=	= 20		C	C
	25:	= 55	=	= 15		C	C
	30:	= 55	=	= 10		C	C
Sample Cylinder Number:	Instantaneous Bradenhead PSIG at end of test: > 10						

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 B; 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? Yes No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow	Intermediate Fluid
Confirmed open? Yes No	00:	=	=	=			
INTERMEDIATE SAMPLE TAKEN? Yes No Gas Liquid	05:	=	=	=			
Character of Intermediate fluid: Clear Fresh Sulfur Salty Black Other: (describe)	10:	=	=	=			
	15:	=	=	=			
	20:	=	=	=			
	25:	=	=	=			
	30:	=	=	=			
Sample Cylinder Number:	Instantaneous Intermediate Casing PSIG at end of test: >						

18. Comments: Communicating from production to surface csg. Both end with 10 PSI.
 Sample 1002 is the braden head + 1001 is the production casing

18. STEP 5: See instructions above.

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

Test Performed by: Cisse D. Lucio Title: FSA Phone: 970-210-9202

Signed: Cisse D. Lucio Title: FSA Date: 8-17-21

WITNESSED BY: Title: Agency: