



# 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://ogcc.org/html/ogguidance>  
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: D-052266	11. Date of Test: 2-22-2022
2. Name of Operator: CHEVRON USA INC	5. Multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	12. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut In
4. API Number: 05-103-10533	6. Well Name: Hagood M.C. Number: A 12x	<input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Injection
7. Location (Qtr, Sec, Twp, Rng, Meridian): NESW 15,2N,103W,6TH	8. County: RIO BLANCO	<input type="checkbox"/> Clock/Intermittent
9. Field Name: RANGELY WEBER SAND UNIT	10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input checked="" 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"/> Liner?		15. STEP 2: See instructions above.

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 = Whimper 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	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Prod Csg PSIG	Intermediate Csg PSIG	Bradenhead Flow	Bradenhead Fluid
Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	00:	= 200	=	= 100		C	G
BRADENHEAD SAMPLE TAKEN? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Liquid	05:	= 200	=	= 100		D	N
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)	10:	= 200	=	= 100		D	N
	15:	= 200	=	= 100		D	N
	20:	= 200	=	= 100		D	N
	25:	= 200	=	= 100		D	N
	30:	= 200	=	= 100		D	N
Sample Cylinder Number: 1021	Instantaneous Bradenhead PSIG at end of test: > 0						

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 = Whimper 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	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow	Intermediate Fluid
Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> No	00:	=	=	=			
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	05:	=	=	=			
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)	10:	=	=	=			
	15:	=	=	=			
	20:	=	=	=			
	25:	=	=	=			
	30:	=	=	=			
Sample Cylinder Number: 1021	Instantaneous Intermediate Casing PSIG at end of test: >						

18. Comments:

### 19. 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: Joseph Medina Title: Lease Operator 2 Phone: 970-620-3669

Signed: Title: Date:

WITNESSED BY: Title: Agency: