

State of Colorado Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

BRADENHEAD TEST REPORT

Step 1. Record all tubing and casing pressures as found.
 Step 2. Sample now, if intermediate or surface casing pressure >25 psi. In sensitive areas, 1 psi.
 Step 3. Conduct Bradenhead test.
 Step 4. Conduct intermediate casing test.
 Step 5. Send report to BLM within 30 days and to OGCC within 10 days. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior program. Attach gas and liquid analyses if sampled.

1. OGCC Operator Number: 16700		11. Date of Test: 11-24-20	
2. Name of Operator: CHEVRON USA INC.		3. BLM Lease No:	
4. API Number: 05-103-10357-00		5. Multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
6. Well Name: GRAY B		Number: 21X	
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSW, 18, 2N, 102W, 6			
8. County: RIO BLANCO		9. Field Name: RANGELY	
10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Indian			
12. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut In <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Injection <input type="checkbox"/> Clock/Intermitter <input type="checkbox"/> Plunger Lift			
13. Number of Casing Strings: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?			

14. STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing: Fm: WEBR	Tubing: 95 Fm:	Prod. Casing: 145 Fm: WEBR	Intermediate Csg:	Surface Casing: 458
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15. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD TEST

Buried valve? Yes No Confirmed open? Yes No

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. Define characteristics of flow in "Bradenhead Flow" column using letter designations below:
 O = No Flow; C = Continuous; D = Down to 0; V = Vapor
 H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

Elapsed Time (Min:Sec)	Fm: Tubing:	Fm: Tubing:	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow:
00:	95		145		D.G
05:	95		145		W.G
10:	95		145		W.G
15:	95		145		W.G
20:	95		145		W.G
25:	95		145		W.G
30:	95		145		W.G

BRADENHEAD SAMPLE TAKEN?
 Yes No Gas Liquid

Character of Bradenhead fluid: Clear Fresh
 Sulfur Salty Black
 Other: (describe)

Sample cylinder number: # 1031

Note instantaneous Bradenhead PSIG at end of test: > 0

17. STEP 4: INTERMEDIATE CASING TEST

Buried valve? Yes No Confirmed open? Yes No

With gauges monitoring production casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals. Characterize flow in "Intermediate Flow" column using letter designations below:
 O = No Flow; C = Continuous; D = Down to 0; V = Vapor
 H = Water H2O; M = Mud; W = Whisper; S = Surge; G = Gas

Elapsed Time (Min:Sec)	Fm: Tubing:	Fm: Tubing:	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow:
00:					
05:					
10:					
15:					
20:					
25:					
30:					

INTERMEDIATE SAMPLE TAKEN?
 Yes No Gas Liquid

Character of Intermediate fluid: Clear Fresh
 Sulfur Salty Black
 Other: (describe)

Sample cylinder number:

Note 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: Justin Halcomb Title: FSIA Phone: 970-783-8729

Signed: [Signature] Title: _____ Date: _____

WITNESSED BY: _____ Title: _____ Agency: _____