

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: <u>16700</u>		11. Date of Test: <u>11-24</u>	
2. Name of Operator: <u>CHEVRON USA INC.</u>		3. BLM Lease No: _____	
4. API Number: <u>05-103-06137-00</u>		5. Multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
6. Well Name: <u>GRAY A</u>		Number: <u>12</u>	
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>SWNW, 19, 2N, 102W, 6</u>			
8. County: <u>RIO BLANCO</u>			
9. Field Name: <u>RANGELY</u>			
10. Minerals: <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input 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 checked="" type="checkbox"/> Liner?			

14. STEP 1: EXISTING PRESSURES					
Record all pressures as found	Tubing: <u>110</u> Fm: WEBR	Tubing: _____ Fm: _____	Prod. Casing: <u>145</u> Fm: WEBR	Intermediate Csg: _____	Surface Casing: <u>275</u>
15. STEP 2: See instructions above.					

16. STEP 3: BRADENHEAD TEST						
Buried valve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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:	<u>110</u>		<u>145</u>		<u>C,G</u>
	05:	<u>110</u>		<u>145</u>		<u>C,G</u>
	10:	<u>110</u>		<u>145</u>		<u>C,G</u>
	15:	<u>110</u>		<u>146</u>		<u>C,G</u>
	20:	<u>110</u>		<u>146</u>		<u>C,G</u>
	25:	<u>110</u>		<u>145</u>		<u>C,G</u>
	30:	<u>110</u>		<u>146</u>		<u>C,G</u>
BRADENHEAD SAMPLE TAKEN? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 <input type="checkbox"/> Other: (describe) _____ Sample cylinder number: <u># 1029</u>						Note instantaneous Bradenhead PSIG at end of test: <u>>34 lbs</u>

17. STEP 4: INTERMEDIATE CASING TEST						
Buried valve? <input type="checkbox"/> Yes <input type="checkbox"/> No Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid Character of Intermediate fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black <input type="checkbox"/> 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: FSA Phone: 970-783-8729

Signed: [Signature] Title: _____ Date: _____

WITNESSED BY: _____ Title: _____ Agency: _____