

FORM

17

Rev
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.org/html/regguidance>
 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: 10550	3. BLM Lease No: _____	11. Date of Test: 10-11-2021
2. Name of Operator: Mustang Resources, LLC		12. Well Status: <input checked="" type="checkbox"/> Flowing
4. API Number: 05-045-06638	5. Multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Shut In <input type="checkbox"/> Gas Lift
6. Well Name: MACKELY	Number: 34-12-6S-94W	<input type="checkbox"/> Pumping <input type="checkbox"/> Injection
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNW SEC34-T6S-R94W 6PM		<input type="checkbox"/> Clock/Intermitter
8. County: Garfield	9. Field Name: Rulison	<input type="checkbox"/> Plunger Lift
10. Minerals: <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian		13. Number of Casing Strings:

14. EXISTING PRESSURES

Record all pressures as found	Tubing: _____	Tubing: _____	Prod Csg _____	Intermediate _____	Surf. Csg _____
	Fm: 35	Fm: _____	Fm: 35	Csg: _____	2

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 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm. Tubing	Fm. Tubing	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow	Bradenhead Fluid
Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5:00	35		35		2	2
BRADENHEAD SAMPLE TAKEN?	10:00	35		35		2	2
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	15:00	35		35		2	2
Character of Bradenhead fluid:	20:00	35		35		2	2
<input type="checkbox"/> Clear <input type="checkbox"/> Fresh	25:00	35		35		2	2
<input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black	30:00	35		35		2	2
Other: (describe)							
None							
Instantaneous Bradenhead PSIG at end of test: > 2							

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 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? <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							
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							
Other:(describe)							
Instantaneous Intermediate Casing PSIG at end of test: > _____							

Comments:

No intermediate casing.

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

Test Performed By: Doug Wagoner

Title: Field Operator

Phone: (1) 970-326-3141

Signed: Doug Wagoner

Title: _____

Date: 10-11-2021

Witnessed By: _____

Title: _____

Agency: _____