# 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.reg.html#/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: _____   3. BLM Lease No: _____

2. Name of Operator: _____

4. API Number: 081 0lo408 00   5. Multiple completion? ☐ Yes ☐ No

6. Well Name: ESU   Number: #1

7. Location (QtrQtr, Sec, Twp, Rng, Meridian): _____ ,,,,

8. County: _____   9. Field Name: _____

10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: _____

12. Well Status: ☒ Flowing ☐ Shut In ☐ Gas Lift ☐ Pumping ☐ Injection ☐ Clock/Intermitter ☐ Plunger Lift

13. Number of Casing Strings: ☐ Two ☐ Three ☐ Liner?

## 14. EXISTING PRESSURES

| Record all pressures as found | Tubing: 300 Fm: ___ | Tubing: ___ Fm: ___ | Prod Csg 650 Fm: ___ | Intermediate Csg: ___ | Surf. Csg 0 |
|---|---|---|---|---|---|

## 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? ☐ Yes ☒ No
Confirmed open? ☒ Yes ☐ No

BRADENHEAD SAMPLE TAKEN?
☐ Yes ☒ No ☐ Gas ☐ Liquid

Character of Bradenhead fluid:
☐ Clear ☐ Fresh
☐ Sulfur ☐ Salty ☐ Black

Other:(describe) _____

| Elapsed Time (Min:Sec) | Fm: Tubing | Fm: Tubing: | Prod Csg PSIG | Intermedia Csg PSIG | Bradenhead Flow: | Bradenhead Fluid: |
|---|---|---|---|---|---|---|
| 0 | 300 | | 650 | 0 | O | N |
| 5 | 300 | | 650 | 0 | O | N |
| 10 | 300 | | 650 | 0 | O | N |
| 15 | 300 | | 650 | 0 | O | N |
| 20 | 300 | | 650 | 0 | O | N |
| 25 | 300 | | 650 | 0 | O | N |
| 30 | 300 | | 650 | 0 | O | N |

Instantaneous Bradenhead PSIG at end of test: > 0