

FORM  
17  
Rev  
11/20

State of Colorado  
Oil and Gas Conservation Commission

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Document Number:  
402600355

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: 10112 3. BLM Lease No: \_\_\_\_\_  
 2. Name of Operator: FOUNDATION ENERGY MANAGEMENT LLC  
 4. API Number; 05-103-10466-00 5. Multiple completion?  Yes  No  
 6. Well Name: COLUMBINE SP FED Number: 10C-12-4-104  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNE,12,4S,104W,6  
 8. County RIO BLANCO 9. Field Name: BAXTER PASS  
 10. Minerals:  Fee  State  Federal  Indian

11. Date of Test: 2-20-21  
 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 | Tubing: <u>382</u> | Tubing: _____ | Prod Csg <u>382</u> | Intermediate | Surf. Csg |
|----------------------|--------------------|---------------|---------------------|--------------|-----------|

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  | 00:00                  | <input type="checkbox"/> 382 | <input type="checkbox"/> | <input type="checkbox"/> 382 |                     | <input type="checkbox"/> O | <input type="checkbox"/> N |
| BRADENHEAD SAMPLE TAKEN?<br><input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid  | 05:00                  | <input type="checkbox"/> 382 | <input type="checkbox"/> | <input type="checkbox"/> 382 |                     | <input type="checkbox"/> O | <input type="checkbox"/> N |
| Character of Bradenhead fluid:<br><input type="checkbox"/> Clear <input type="checkbox"/> Fresh<br><input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black<br>Other:(describe) | 10:00                  | <input type="checkbox"/> 382 | <input type="checkbox"/> | <input type="checkbox"/> 382 |                     | <input type="checkbox"/> O | <input type="checkbox"/> N |
|  | 15:00                  | <input type="checkbox"/> 382 | <input type="checkbox"/> | <input type="checkbox"/> 382 |                     | <input type="checkbox"/> O | <input type="checkbox"/> N |
|  | 20:00                  | <input type="checkbox"/> 382 | <input type="checkbox"/> | <input type="checkbox"/> 382 |                     | <input type="checkbox"/> O | <input type="checkbox"/> N |
|  | 25:00                  | <input type="checkbox"/> 382 | <input type="checkbox"/> | <input type="checkbox"/> 382 |                     | <input type="checkbox"/> O | <input type="checkbox"/> N |
|  | 30:00                  | <input type="checkbox"/> 382 | <input type="checkbox"/> | <input type="checkbox"/> 382 |                     | <input type="checkbox"/> O | <input type="checkbox"/> N |
| Instantaneous Bradenhead PSIG at end of test: > <u>0</u>   |                        |                              |                          |                              |                     |                            |                            |