

FORM
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State of Colorado

Oil and Gas Conservation Commission

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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 3 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: 96340 3. BLM Lease No: _____
2. Name of Operator: WIEPKING-FULLERTON ENERGY LLC
4. API Number: 05-073-06725-00 5. Multiple completion? ☐ Yes ☒ No
6. Well Name: Raptor Number: 16
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSW, 18, 10S, 55W, 6
8. County LINCOLN 9. Field Name: GREAT PLAINS
10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 7/24/18
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: 0 Tubing: _____ Prod Csg 100 Intermediate Surf. Csg
Fm: Pawnee A Fm: _____ Fm: Pawnee A Csg: 0

BRADENHEAD TEST

| Elapsed Time (Min:Sec) | Fm: Tubing | Fm: Tubing | Prod Csg PSIG | Intermedia Csg PSIG | Bradenhead Flow: |
|------------------------|------------|------------|---------------|---------------------|------------------|
| 0 | 0 | | 100 | | 0 |
| 5 | 0 | | 100 | | 0 |
| 10 | 0 | | 100 | | 0 |
| 15 | 0 | | 100 | | 0 |
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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
BRADENHEAD SAMPLE TAKEN?
☐ Yes ☒ No ☐ Gas ☐ Liquid
Character of Bradenhead fluid: ☐ Clear ☐ Fresh
☐ Sulfur ☐ Salty ☐ Black
Other:(describe)
Sample cylinder number: NA
Instantaneous Bradenhead PSIG at end of test: > 0

INTERMEDIATE CASING TEST

| Elapsed Time (Min:Sec) | Fm: Tubing | Fm: Tubing | Prod Csg PSIG | Intermedia Csg PSIG | Bradenhead Flow: |
|------------------------|------------|------------|---------------|---------------------|------------------|
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Buried valve? ☐ Yes ☐ No
Confirmed open? ☐ Yes ☐ No
With gauges monitoring production, intermediate 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
INTERMEDIATE SAMPLE TAKEN?
☐ Yes ☐ No ☐ Gas ☐ Liquid
Character of Intermediate fluid: ☐ Clear ☐ Fresh
☐ Sulfur ☐ Salty ☐ Black
Other:(describe)
Sample cylinder number: _____
Instantaneous Intermediate Casing PSIG at end of test: >