



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: 10000 3. BLM Lease No: _____
2. Name of Operator: BP AMERICA PRODUCTION COMPANY
4. API Number; 05-067-09513-00 5. Multiple completion? ☐ Yes ☐ No
6. Well Name: LUNT GU 19-01 Number: 4
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SESW,19,34N,8W,M
8. County LA PLATA 9. Field Name: IGNACIO BLANCO
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 11/07/2013
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: _____ Fm: _____ | Tubing: <u>120</u> Fm: _____ | Prod Csg <u>163</u> Fm: _____ | Intermediate Csg: _____ | Surf. Csg <u>22</u> |
|-------------------------------|----------------------------|---------------------------------|----------------------------------|----------------------------|------------------------|

BRADENHEAD TEST

| Elapsed Time (Min:Sec) | Fm: Tubing | Fm: Tubing: | Prod Csg PSIG | Intermedia Csg PSIG | Bradenhead Flow: |
|------------------------|--------------------------|------------------------------|------------------------------|---------------------|------------------|
| 00:06 | <input type="checkbox"/> | <input type="checkbox"/> 120 | <input type="checkbox"/> 163 | | W |
| 05:00 | <input type="checkbox"/> | <input type="checkbox"/> 120 | <input type="checkbox"/> 163 | | W |
| 10:00 | <input type="checkbox"/> | <input type="checkbox"/> 120 | <input type="checkbox"/> 163 | | W |
| 15:00 | <input type="checkbox"/> | <input type="checkbox"/> 120 | <input type="checkbox"/> 163 | | W |
| 20:00 | <input type="checkbox"/> | <input type="checkbox"/> 120 | <input type="checkbox"/> 163 | | W |
| 25:00 | <input type="checkbox"/> | <input type="checkbox"/> 120 | <input type="checkbox"/> 163 | | W |
| 30:00 | <input type="checkbox"/> | <input type="checkbox"/> 120 | <input type="checkbox"/> 163 | | W |

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: _____

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: |
|------------------------|--------------------------|--------------------------|--------------------------|---------------------|------------------|
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |

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: >

Comments:

LEFT VALVE OPEN. VENTING

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

Test Performed By: BRANDON KENNEDY Title: MTS Phone: (505) 4869392

Signed: BRANDON KENNEDY Title: MTS Date: 1/7/2013

Witnessed By: _____ Title: _____ Agency: _____