



## 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: 34725 3. BLM Lease No: \_\_\_\_\_  
2. Name of Operator: GOSNEY & SONS INC  
4. API Number; 05-067-09255-00 5. Multiple completion? ☐ Yes ☒ No  
6. Well Name: GOSNEY Number: 1-A  
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SWNW,14,34N,7W,M  
8. County LA PLATA 9. Field Name: IGNACIO BLANCO  
10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 09/13/2007

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: _____<br>Fm: _____ | Tubing: _____<br>Fm: _____ | Prod Csg _____<br>Fm: _____ | Intermediate _____<br>Csg: _____ | Surf. Csg _____ |
|-------------------------------|----------------------------|----------------------------|-----------------------------|----------------------------------|-----------------|

### BRADENHEAD TEST

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: 049A

| Elapsed Time (Min:Sec) | Fm: Tubing | Fm: Tubing: | Prod Csg PSIG | Intermedia Csg PSIG | Bradenhead Flow: |
|------------------------|------------|-------------|---------------|---------------------|------------------|
| 00:00                  | FRLDC 204  |             | 234           |                     | G                |
| 05:00                  | FRLDC 205  |             | 234           |                     | D                |
| 10:00                  | FRLDC 206  |             | 234           |                     | O                |
| 15:00                  | FRLDC 209  |             | 234           |                     | W                |
| 20:00                  | FRLDC 209  |             | 234           |                     | W                |
| 25:00                  | FRLDC 211  |             | 237           |                     | W                |
| 30:00                  | FRLDC 211  |             | 236           |                     | W                |

Instantaneous Bradenhead PSIG at end of test: > 0

### INTERMEDIATE CASING TEST

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: >

| Elapsed Time (Min:Sec) | Fm: Tubing | Fm: Tubing: | Prod Csg PSIG | Intermedia Csg PSIG | Bradenhead Flow: |
|------------------------|------------|-------------|---------------|---------------------|------------------|
|                        |            |             |               |                     |                  |
|                        |            |             |               |                     |                  |
|                        |            |             |               |                     |                  |
|                        |            |             |               |                     |                  |
|                        |            |             |               |                     |                  |
|                        |            |             |               |                     |                  |
|                        |            |             |               |                     |                  |
|                        |            |             |               |                     |                  |

Comments:

see attached gas sample analysis for Fruitland coal gas production and Bradenhead gas. Gas composition is dissimilar. Cement bond logs for this well are on file with COGCC. Gosney & Sons inc. encountered a very similar bradenhead pressure build up on the offsetting well to the east (gosney #4 well) when initially tested in 2003. The bradenhead valve on the gosney 4 well was left open for 60 days, and no recurrence of preeure build up has occurred there since.

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

Test Performed By: \_\_\_\_\_ Title: \_\_\_\_\_ Phone: (970) 749-8703

Signed: WILLARD HOTTELL \_\_\_\_\_ Title: IND CONTRACTOR \_\_\_\_\_ Date: 9/13/2007

Witnessed By: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_