

**State of Colorado**  
**Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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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: 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: _____ Fm: _____	Tubing: _____ Fm: _____	Prod Csg _____ Fm: _____	Intermediate _____ Csg: _____	Surf. Csg _____
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**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

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

BRADENHEAD SAMPLE TAKEN?  
 Yes  No  Gas  Liquid  
 Character of Bradenhead fluid:  Clear  Fresh  
 Sulfur  Salty  Black  
 Other:(describe)  
 Sample cylinder number: 049A

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

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

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:

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 occured 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: \_\_\_\_\_