

State of Colorado
Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

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 SLM within 30 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: 10084
2. Name of Operator: Honey Natural Resources 3. SLM Lease No: N/A
4. API Number: 05-071-08996 5. Multiple completion? ☐ Yes ☒ No
6. Well Name: SHADOW Number: 33-31
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NW 1/4 Sec 31-32S-67W
8. County: Las Animas 9. Field Name: Purgatoire River
10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10-19-11
12. Well Status: ☐ Flowing ☐ Shut in
☐ Gas Lift ☒ Pumping ☐ Injection
☐ Clock/Intermittent ☐ Plunger Lift
13. Number of Casing Strings: ☒ Two ☐ Three ☐ Liner?

14. STEP 1: EXISTING PRESSURES
Record all pressures as found
Tubing: 55 PSI
Fm: PSI
Tubing: 38 PSI
Fm: PSI
Intermediate Casing: 1/25 PSI
Surface Casing: 1/25 PSI

15. STEP 2: See instructions above.

16. STEP 3: 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 6; 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: _____
Note instantaneous Bradenhead PSIG at end of test: >

Elapsed Time (Min Sec)	Fm: Tubing	Fm: Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00:					
05:					
10:	<u>55</u>		<u>38</u>		<u>1</u>
15:					
20:					
25:					
30:					

17. STEP 4: INTERMEDIATE CASING TEST
Buried valve? ☐ Yes ☐ No Confirmed open? ☐ Yes ☐ No
With gauges monitoring production 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 6; 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: _____
Note instantaneous Intermediate Casing PSIG at end of test: >

Elapsed Time (Min Sec)	Fm: Tubing	Fm: Tubing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00:					
05:					
10:					
15:					
20:					
25:					
30:					

18. Comments: NO BULL PLUG IN 2" VALVE

19. STEP 5: See instructions above.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.
Test Performed by: KEPHART JEFF Title: PROD-FRM Phone: 719-680-7627
Signed: [Signature] Title: _____ Date: 10-19-11
WITNESSED BY: _____ Title: _____ Agency: _____