

FORM
17Rev
6/99State of Colorado
Oil and Gas Conservation Commission

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



DE ET OE ES

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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: _____ 3. BLM Lease No: 1420151-23
 2. Name of Operator: VASTAR RESOURCES INC
 4. API Number; 05-067-08166-00 5. Multiple completion? ☐ Yes ☒ No
 6. Well Name: SOUTHERN UTE 32-9 Number: 12-3
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NENW,12,32N,9W,N
 8. County LA PLATA 9. Field Name: IGNACIO BLANCO
 10. Minerals: ☐ Fee ☐ State ☐ Federal ☒ Indian

11. Date of Test: 06/01/1999

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: 219 Fm: FRLDC	Tubing: _____ Fm: _____	Prod Csg _____ Fm: _____	Intermediate _____ Csg: _____	Surf. Csg _____ 0
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BRADENHEAD TEST

Buried valve? ☐ Yes ☒ NoConfirmed 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 ☐ LiquidCharacter of Bradenhead fluid: ☐ Clear ☐ Fresh☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Sample cylinder number: _____

Instantaneous Bradenhead PSIG at end of test: > 0

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
00:28	FRLDC 219				D
05:00	FRLDC 217				O
10:00	FRLDC 212				O

INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☐ NoConfirmed 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 ☐ LiquidCharacter 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: BHD HAD 3 OUNCES. BLEED TO ZERO IN 28 SECONDS THROUGH A 1" BALL VALVE. NO ACTION AFTER BLEED DOWN. THERE IS NO TUBING OR GAS LIFT MANDREL IN THE WELLBORE.

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: (505) 599-4319

Signed: BOBBY R. WATCHMAN Title: FIELD TECHNICIAN Date: 7/26/1999

Witnessed By: _____ Title: _____ Agency: _____