

FORM  
17Rev  
6/99

# State of Colorado Oil and Gas Conservation Commission

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Document Number:

2055350

## 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: 16800 3. BLM Lease No: \_\_\_\_\_  
2. Name of Operator: DELTA PETROLEUM CORPORATION  
4. API Number; 05-077-09194-00 5. Multiple completion? ☐ Yes ☒ No  
6. Well Name: VEGA UNIT Number: 4-244  
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE,9,10S,93W,6  
8. County MESA 9. Field Name: VEGA  
10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10/29/2008

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: 300	Tubing: _____	Prod Csg 800	Intermediate	Surf. Csg
	Fm: MVRD	Fm: _____	Fm: MVRD	Csg: _____	620

### 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:

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
00:00	MVRD 300		800		C
05:00	MVRD 300		800		C
10:00	MVRD 300		800		C
15:00	MVRD 300		800		C
20:00	MVRD 300		800		C
25:00	MVRD 300		800		C
30:00	MVRD 300		800		C

Instantaneous Bradenhead PSIG at end of test: &gt; 50

### 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:

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

Instantaneous Intermediate Casing PSIG at end of test: &gt;

Comments:

BLED THROUGH 1/2" NEEDLE VALVE

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

Test Performed By: BRENT WALKER Title: LEASE OPERATOR Phone: (970) 487-3198

Signed: DAVID ANDREWS Title: PE II Date: 10/29/2008

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