

FORM
17Rev
6/99

State 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
----	----	----	----

Document Number:

2055377

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: 69175 3. BLM Lease No: _____
 2. Name of Operator: PETROLEUM DEVELOPMENT CORPORATION
 4. API Number; 05-045-13464-00 5. Multiple completion? ☐ Yes ☒ No
 6. Well Name: CHEVRON Number: 42D-8
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SENE,8,6S,96W,6
 8. County GARFIELD 9. Field Name: GRAND VALLEY
 10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 12/19/2011

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: 214 Fm: _____	Tubing: _____ Fm: _____	Prod Csg 192 Fm: _____	Intermediate Csg: _____	Surf. Csg 700
-------------------------------	--------------------------	----------------------------	---------------------------	----------------------------	------------------

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 ☐ Liquid
Character 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	214		192		G
05:00	214		192		G
10:00	214		192		G
15:00	214		192		G
20:00	214		192		C
25:00	216		193		C
30:00	216		193		C

Instantaneous Bradenhead PSIG at end of test: > <30

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 ☐ Liquid
Character 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: >

Comments:

COGCC COMMENT FROM MIKE LONGWORTH (FIELD INSPECTOR) WHO WITNESSED THE TEST: CHANGE IN FLOW CHARACTERISTICS AT 20 MINUTES FROM CONTINUOUS (C) TO GAS (G). REPRESENTS A DECREASE IN FLOW RATE (FLOW WAS ALL GAS THROUGHOUT THE TEST).

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

Test Performed By: JAMES C. LAKE Title: PRODUCTION SUPERVISOR Phone: (970) 285-9606

Signed: ED WINTERS Title: EHS PROFESSIONAL Date: 12/22/2011

Witnessed By: MIKE LONGWORTH Title: FIELD INSPECTOR Agency: COGCC