

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109



FOR OGCC USE ONLY

MECHANICAL INTEGRITY TEST

Fill out Part II of this form if well tested is a permitted or pending injection well. Send original plus one copy.

1. Duration of the pressure test must be a minimum of 15 minutes.
2. A pressure chart must accompany this report if this test was not witnessed by a OGCC representative.
3. For production wells, test pressures must be at a minimum of 300 psig.
4. For injection wells, test pressures must be at 300 psig or minimum injection pressure, whichever is greater.
5. A minimum 300 psi differential pressure must be maintained between the tubing and tubing/casing annulus pressure.
6. Do not use this form if submitting under provisions of Rule 328.a. (1) B. or C.
7. OGCC notification must be provided prior to the test.
8. Packers or bridge plugs, etc., must be set within 250 feet of the perforated interval to be considered a valid test.

OGCC Operator Number: 69175

Name of Operator: PDC Energy Inc.

Address: 3801 Carson Ave.

City: Evans

State: CO

Zip: 80620

Contact Name and Telephone

Travis Yenne

No: 970-506-9272

Fax: 970-506-9276

API Number: 05-123-20240

Field Name: LATENBURG

Field Number:

Well Name: HOWARD

Number: 1Y-18

Location (QtrQtr, Sec, Twp, Rng, Meridian): SWSW 18-5N-64W

Complete the
Attachment Checklist

Opw OGCC

Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		

☒ SHUT-IN PRODUCTION WELL

☐ INJECTION WELL

Facility No.:

Part I Pressure Test

☐ 5-Year UIC Test

☒ Test to Maintain SI/TA Status

☐ Reset Packer

☐ Verification of Repairs

☐ Tubing/Packer Leak

☐ Casing Leak

☐ Other (Describe) _____

Describe Repairs: _____

NA - Not Applicable

Wellbore Data at Time Test

Injection/Producing Zone(s)

CUDL11

Perforated Interval:

☐ NA

Open Hole Interval:

☒ NA

6897' - 6905'

Casing Test

☐ NA

Use when perforations or open hole is isolated by bridge plug or cement plug
Bridge Plug or Cement Plug Depth

Tubing Casing/Annulus Test

☐ NA

Tubing Size:

N/A

Tubing Depth:

N/A

Top Packer Depth:

6821'

Multiple Packers?

☐ YES

☒ NO

Test Data

Test Date

12/6/18

Well Status During Test

SS

Date of Last Approved MIT

N/A

Casing Pressure Before Test

8

Initial Tubing Pressure

8

Final Tubing Pressure

8

Starting Casing Test Pressure

513

Casing Pressure - 5 Min.

511

Casing Pressure - 10 Min.

511

Final Casing Test Pressure

511

Pressure Loss or Gain During Test

-2

Test Witnessed by State Representative?

☐ YES

☒ NO

OGCC Field Representative:

Part II Wellbore Channel Test

Complete only if well is or will be an injection well.

Indicate method used for cement integrity test, attach appropriate records, charts, or logs unless previously submitted.

☐ Tracer Survey

Run Date: _____

☐ CBL or Equivalent

Run Date: _____

☐ Temperature Survey

Run Date: _____

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

Print Name: RYAN BEAM

Signed: _____

Title: WORKOVER FOREMAN

Date: 12/6/18

OGCC Approval: _____

Title: _____

Date: _____

Conditions of Approval, if any: _____

Pick Testers
Sterling, CO 80751

Shawn Fiscus
970-520-5697

PDC Energy
 API # 05-123-20240

Ryan Beam
 Howard 14-18

SW SW Sec 18-T5N-64W

MIT

Interval:

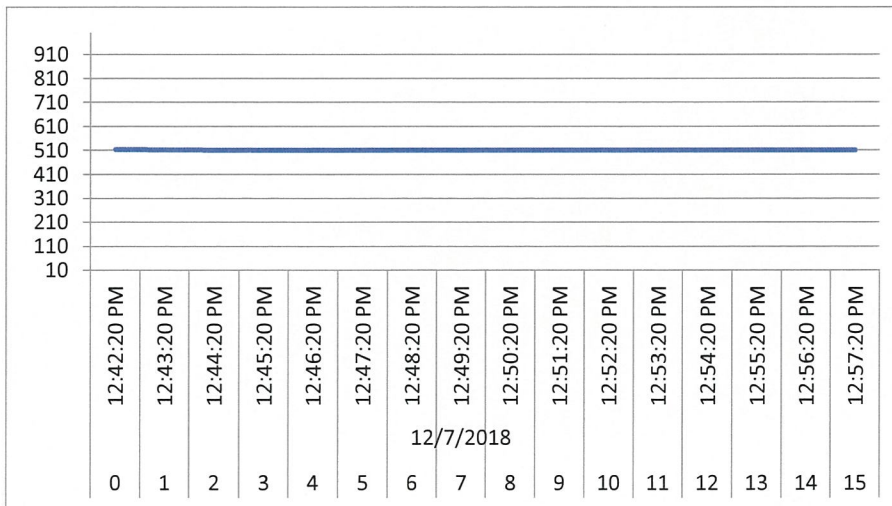
60 Seconds

DataPoint LogDate

LogTime

5-P PSI

0		12:42:20 PM	513
1		12:43:20 PM	512
2		12:44:20 PM	511
3		12:45:20 PM	511
4		12:46:20 PM	511
5		12:47:20 PM	511
6		12:48:20 PM	511
7	12/7/2018	12:49:20 PM	511
8		12:50:20 PM	511
9		12:51:20 PM	511
10		12:52:20 PM	511
11		12:53:20 PM	511
12		12:54:20 PM	511
13		12:55:20 PM	511
14		12:56:20 PM	511
15		12:57:20 PM	511





Daily Completion Operations

Date: 12/6/2018

Report #: 1.0

Well Name: Howard 14-18

Well Name Howard 14-18	Operator PDC Energy Inc.	API 05123202400000	Well Number 105.002173	Last Mod By RABeam	
District Evans	Field Name Wattenberg	County Weld	State CO		
Well Type Development	Surface Legal Location SWSW 18 5N 64W	Spud Date 9/21/2002	Original KB Elevation (ft) 4,635.00	Ground Elevation (ft) 4,625.00	KB-Ground Distance (ft) 10.00

Daily Operation: 12/6/2018 08:00 - 12/6/2018 09:00

AFE Number	Job Category Completion/Workover	Objective MIT TEST	Start Date 12/6/2018	End Date 12/6/2018	Primary Job Type Mechanical Integrity Test	Secondary Job Type
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Rigs

Contractor	Rig Number
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Daily Operations

Report Start Date 12/6/2018	Report End Date 12/6/2018	Daily Field Est Total (Cost) 700.00	Cum Field Est To Date (Cost) 700.00
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Status at Reporting Time

Operations Summary

CREW TO LOCATION

IWP TBG- 0 PSI, CSG- 0 PSI. R/U PICK TESTING TO PRODUCTION TREE. LOADED AND PRESSURED UP CSG TO 512 PSI. HELD FOR 15 MIN. STARTING PRESSURE- 513, 5 MIN- 511 PSI, 10 MIN- 511 PSI, FINAL- 511 PSI. LOST 2 PSI IN 15 MIN. MIT TEST GOOD. TEST WAS CHARTED AND SENT TO THE STATE. R/D PICK TESTING. SWI.

Operations Next Report Period

Weather	Temperature (*F)	Hole Condition	Road Condition
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Time Log

Start Time	End Time	Dur (hr)	Cum Dur (hr)	Code	Code Des	Com