

Click here to reset the form

FORM  
21  
Rev 9/14

State of Colorado  
Oil and Gas Conservation Commission



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

MECHANICAL INTEGRITY TEST

1. Duration of the pressure test must be a minimum of 15 minutes.
2. An original pressure chart must accompany this report if this test was not witnessed by a OGCC representative. Injection wells tests must be witnessed by an OGCC representative.
3. For production wells, test pressures must be at a minimum of 300 psig.
4. New injection wells must be tested to maximum requested injection pressure.
5. For injection wells, test pressures must be at least 300 psig or average injection pressure, whichever is greater.
6. A minimum 300 psi differential pressure must be maintained between the tubing and tubing/casing annulus pressure.
7. Do not use this form if submitting under provisions of Rule 326.a.(1) B. or C.
8. OGCC notification must be provided 10 days prior to the test via Form 42.
9. Packers or bridge plugs, etc., must be set within 100 feet of the perforated interval to be considered a valid test.

FOR OGCC USE ONLY

Document Number:

Date Received:

Complete the  
Attachment Checklist

Oper OGCC

Pressure Chart		
Cement Bond Log		
Tracer Survey		
Temperature Survey		
Inspection Number		

OGCC Operator Number: 69175	Contact Name and Telephone
Name of Operator: PDC Energy Inc.	
Address: 4000 Burlington Ave	No:
City: Evans State: Co Zip: 80520	Email:
API Number: 05-123-26255 OGCC Facility ID Number:	
Well/Facility Name: NYGREN	Well/Facility Number: 21-30
Location QtrQtr: NENW Section: 30 Township: 4N Range: 67W Meridian:	

☒ SHUT-IN PRODUCTION WELL

☐ INJECTION WELL

Last MIT Date:

Test Type:

☒ Test to Maintain SI/TA status

☐ 5- year UIC

☐ Reset Packer

☐ Verification of Repairs

☐ Annual UIC Test

Describe Repairs or Other Well Activities:

Casing Test

Use when perforations or open hole is isolated by bridge plug or cement plug; use if cased-hole only with plug back total depth.

Bridge Plug or Cement Plug Depth  
6970'

Wellbore Data at Time of Test

Injection/Producing Zone(s)	Perforated Interval:	Open Hole Interval:
NIO/CODELL	7030'-7128'/7340'-7354'	N/A

Tubing Casing/Annulus Test

Tubing Size:	Tubing Depth:	Top Packer Depth:	Multiple Packers?
N/A	N/A		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Test Data

Test Date	Well Status During Test	Casing Pressure Before Test	Initial Tubing Pressure	Final Tubing Pressure
02/15/2019	Shut In	0	0	0
Casing Pressure Start Test	Casing Pressure - 5 Min.	Casing Pressure - 10 Min.	Casing Pressure Final Test	Pressure Loss or Gain During Test
530	532	532	532	+2

Test Witnessed by State Representative?

☐ Yes ☒ No

OGCC Field Representative (Print Name):

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: 2/15/19

OGCC Approval: Title:

Date:

Conditions of Approval, if any:

**Pick Production Equip.**  
**Sterling,CO 80751**

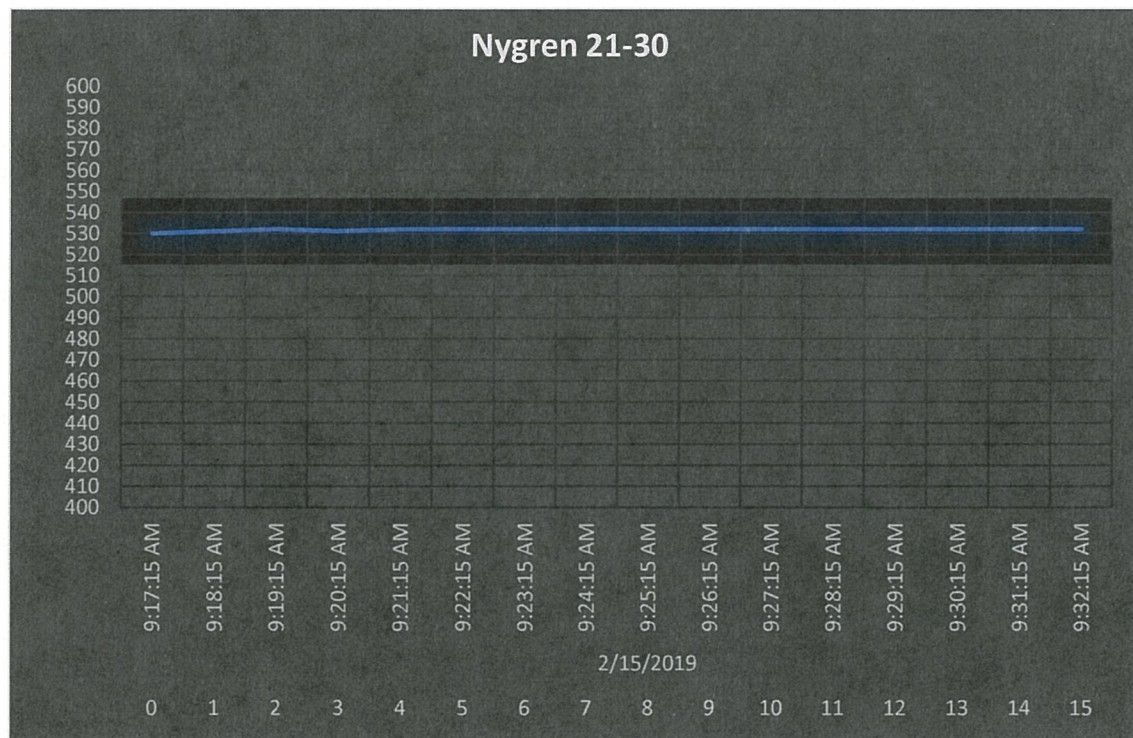
**Aaron Pickering**  
**970-520-0279**

PDC Energy  
 Nygren 21-30  
 API 05-123-26255  
 Loc: NENW-SEC30-T4N-R67W

Ryan Beam  
 MIT Test

Interval: 60 Seconds  
 DataPoint LogDate LogTime

0		9:17:15 AM	530
1		9:18:15 AM	531
2		9:19:15 AM	532
3		9:20:15 AM	531
4		9:21:15 AM	532
5		9:22:15 AM	532
6		9:23:15 AM	532
7		9:24:15 AM	532
8	2/15/2019	9:25:15 AM	532
9		9:26:15 AM	532
10		9:27:15 AM	532
11		9:28:15 AM	532
12		9:29:15 AM	532
13		9:30:15 AM	532
14		9:31:15 AM	532
15		9:32:15 AM	532





# Daily Completion Operations

Date: 2/15/2019  
Report #: 1.0

Well Name: Nygren 21-30

Well Name Nygren 21-30	Operator PDC Energy Inc.	API 05123262550000	Well Number 105.007679	Last Mod By RABeam
District Evans	Field Name Wattenberg	County Weld	State CO	
Well Type Development	Surface Legal Location NENW 30 4N 67W	Spud Date 12/13/2007	Original KB Elevation (ft) 4,992.00	Ground Elevation (ft) 4,980.00
				KB-Ground Distance (ft) 12.00

## Daily Operation: 2/15/2019 06:00 - 2/15/2019 06:30

AFE Number	Job Category Completion/Workover	Objective MIT TEST	Start Date 2/15/2019	End Date 2/15/2019	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 2/15/2019	Report End Date 2/15/2019	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 530 PSI. HELD FOR 15 MIN. STARTING PRESSURE- 530, 5 MIN- 532 PSI, 10 MIN- 532 PSI, FINAL- 532 PSI. GAINED 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
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