

NEXTier Job Summary

Ticket Number: BCO-2012-0021 Ticket Date: 12/10/2020
 TN#

COUNTY WELD (CO)	COMPANY Ensign	API Number 0512323637
WELL NAME JR 2	RIG Ensign 354	JOB TYPE CM-P2A-PERM
SURFACE WELL LOCATION 40 50832 104 73692	CJES Field Supervisor Jeff Kopp	CUSTOMER REP John Schmitt

EMPLOYEES		
Ryan P		
Jeremiah M		

WELL PROFILE			
Max Treating Pressure (psi):	1000	Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4 1/2	11.6		0	1990		
Tubing	2 3/8	4.7		0	1990		

CEMENT DATA

Stage 1: From Depth (ft): 0 To Depth (ft): 1990
 Type: Surface Plug
 Volume (sacks): 147 Volume (bbbls): 30

Cement & Additives:	Density (ppg)	Yield (ft ³ /sk)	Water Req.
	15.8	1.15	5.00

Stage 2: From Depth (ft): 0 To Depth (ft): 225
 Type: Top Off
 Volume (sacks): 17 Volume (bbbls): 3.5

Cement & Additives:	Density (ppg)	Yield (ft ³ /sk)	Water Req.
	15.8	1.15	5.00

Stage 3: From Depth (ft): To Depth (ft):
 Type:
 Volume (sacks): Volume (bbbls):

Cement & Additives:	Density (ppg)	Yield (ft ³ /sk)	Water Req.

Stage 4: From Depth (ft): To Depth (ft):
 Type:
 Volume (sacks): Volume (bbbls):

Cement & Additives:	Density (ppg)	Yield (ft ³ /sk)	Water Req.

SUMMARY

Preflushes: 5 bbls of Fresh Water _____ bbls of _____ _____ bbls of _____	Calculated Displacement (bbl): _____ Actual Displacement (bbl): _____	Stage 1 Stage 2	
Total Preflush/Spacer Volume (bbl): 5 Total Slurry Volume (bbl): 33.5 Total Fluid Pumped: 38.5	Plug Bump (Y/N): N/A Bump Pressure (psi): N/A Lost Returns (Y/N): N (if Y, when) _____		
Returns to Surface: Cement 1 bbls			

Job Notes (fluids pumped / procedures / tools / etc.): Job pumped per customers request. Job went well.

Customer Representative Signature: _____

NEXTier

Client
Ticket No
Location
Comments

Ensign
20120021

Client Rep
Well Name
Job Type

John Schmitt
LR 2
Abandonment Plugs

Supervisor
Unit No
Service District
Job Date

Jeff Kopp
445070
Brighton Co
12/10/2020

Unit 445070 Rate Total



Unit 445070 Pump Pressure



Unit 445070 Density



RMWS - Service Ticket:

Rocky Mountain Wireline Service
2144 Hwy 6 & 50
Grand Junction, CO 81505
970-245-9828



Ticket Number

116693

Date

12/10/2020

Well

JR-2

Field

Wattenberg

County / State

WELD/CO

Services provided for:

ENSIGN WELL SERVICE
2154 Hwy 6 & 50
Grand Junction, Colorado 81505

Services ordered by:

Logan Hancock
(970)712-4498
Logan.Hancock@ensignenergy.com

Job Data

Field Office

Johnstown-
CO Line Truck #
219

Crane #

Pickup
Truck #
72

Explosives Permit

92983

Crew Members

WELLS WHITE WALTER

CSG Size

4 1/2

WT

11.6

Zero

Fluid
WATER

Level

RMWS TD
6980

Corrected

To Agree
With

Dated

Consultant
JOHN SCHMITT

Job Notes

RIG 354

Travel

Report To Shop

12/10/2020 7:00 AM MST

Arrive At Location

12/10/2020 9:30 AM MST

On Well

Off well

Depart Location

Return To Shop

Travel Notes

Activity

Miscellaneous - Bid Work

Description

Ensign - 4 1/2" 10K CIBP @ 5,000' +
Ensign - Dump Bail 2 SX Cement (STANDARD)
Ensign - 4 1/2" 10K CIBP @ 5,000' or less
Ensign - Dump Bail 2 SX Cement (STANDARD)

From

To

Units Used

6912	6911	1.00 Units
6911		1.00 Units
2500	2499	1.00 Units
2499		1.00 Units

Signatures

Authorization Signature

JOHN SCHMITT

12/11/2020 9:18 AM MST

Authorization Notes

AFE

Cost Code

Well / Lease
JR-2

Approver Name
JOHN SCHMITT

Stamp

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

FOR OGCC USE ONLY

Document Number:

Date Received:

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.
3. For production wells, test pressures must be a at minimum of 300 psig.
4. New injection wells must be tested to maximum requested injection pressure.
5. For injection wells, test pressurees 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.

Complete the Attachment Checklist

OGCC Operator Number: 69175
Contact Name and Telephone
Name of Operator: PDC Energy Inc.
Address: 4000 Burlington Ave
City: Evans State: Co Zip: 80520
API Number: 05-123-23637 OGCC Facility ID Number:
Well/Facility Name: JR Well/Facility Number: 1
Location QtrQtr: NENE Section: 11 Township: 6N Range: 66W Meridian:

Table with columns for Attachment Checklist (Oper, OGCC) and rows for Pressure Chart, Cement Bond Log, Tracer Survey, Temperature Survey, Inspection Number.

[X] SHUT-IN PRODUCTION WELL [] INJECTION WELL Last MIT Date:

Test Type:

- [X] Test to Maintain SI/TA status [] 5- year UIC [] Reset Packer
[] Verification of Repairs [] Annual UIC Test

Describe Repairs or Other Well Activities:

Wellbore Data at Time of Test

Table with columns: Injection/Producing Zone(s) (NIO/CODELL), Perforated Interval (6966'-7108'/7264'-7284'), Open Hole Interval (N/A)

Casing Test section: 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: 6912'

Tubing Casing/Annulus Test

Table with columns: Tubing Size (N/A), Tubing Depth (N/A), Top Packer Depth, Multiple Packers? (Yes/No)

Test Data

Table with columns: Test Date (12/10/2020), Well Status During Test (Shut In), Casing Pressure Before Test (0), Initial Tubing Pressure (0), Final Tubing Pressure (0), Casing Pressure Start Test (536), Casing Pressure - 5 Min. (535), Casing Pressure - 10 Min. (535), Casing Pressure Final Test (535), Pressure Loss or Gain During Test (1)

Test Witnessed by State Representative? [] Yes [X] 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: Ryan Beam Title: Workover Foreman Date: 12/10/2020

OGCC Approval: Title: Date:

Conditions of Approval, if any:

Date: 12/10/20
 Company: PDC Energy
 Well: JR #2
 Legals/API: 05-123-23637

Pick Testers-Hydro
 Company Rep: John Schmitt-Ryan Beam
 Cauty: Weld
 PSI Used: 535

Operator: David Pickering
 State:CO

Interval: 60 Seconds

DataPoint	LogDate	LogTime	4-P PSI
0		11:14:38 AM	0
1	12/10/2020	11:15:38 AM	129.67
2		11:16:38 AM	536.14
3		11:17:38 AM	536.03
4		11:18:38 AM	535.66
5		11:19:38 AM	535.84
6		11:20:38 AM	535.84
7		11:21:38 AM	535.84
8		11:22:38 AM	535.81
9		11:23:38 AM	535.81
10		11:24:38 AM	535.76
11		11:25:38 AM	535.76
12		11:26:38 AM	535.54
13	12/10/2020	11:27:38 AM	535.54
14		11:28:38 AM	535.54
15		11:29:38 AM	535.48
16		11:30:38 AM	535.48
17		11:31:38 AM	535.28
18		11:32:38 AM	535.28
19		11:33:38 AM	535.15
20		11:34:38 AM	535.15
21		11:35:38 AM	535.15
22		11:36:38 AM	535.09
23		11:37:38 AM	535.09
24		11:38:38 AM	420.1
25	12/10/2020	11:39:38 AM	124.23
26		11:40:38 AM	0

