

Surface Cement Verification Report

George 03NA

Date: Mar 3, 2024

Cementer's Well Service, Inc.
P.O. BOX 336220 • GREELEY, CO 80633 •
(970) 690-1100



CLIENT: PDC Energy

FIELD TICKET #: 200.0103.020

COGCC Operator Guidance - RULE #308.A.B(2)A.ii

Job Information

API #:	05-123-51782	Job Type:	New Well -- Surface
Well Owner:	PDC Energy	Cementing Company:	Cementer's Well Service, Inc.
Lease:	George	Contact:	Nate Kvamme, 303-324-4296
Well Name:	03NA	Ambient Conditions:	Clear
State:	CO	Temperature:	60 deg F
County:	Weld		
Job Date:	Mar 3, 2024		
Time on Location:	Mar 3, 2024, 1:45 PM		

Slurry Description

a) Purpose	Surface
b) Cement Class	ASTM C595 Type IL
c) Cement Yield	1.61 cu ft / sk
d) Cement Density	13.9 PPG
e) Number of sks	801 sks
f) Mix Fluid Type	
Water / Cement	8.5 gal/sk
g) Slurry Mixed	229.68 BBLs Cement
h) Additives Used	Gel/Bentonite 3.00 % Calcium Chloride 1.50 %
Total Water Used	375.47 BBLs Water
i) Displacement Fluid Vol	153.36 BBLs Water
j) Method of Placement	N/A
l) Stage Tool Depth	N/A
k) Set Depth	Pipe Landed @ 2,017 ft.
m) Float Collar Depth	Plug Landed @ 1,984 ft.
n) Designed top of Cement	Returns to Surface (+)
o) Centralizer Depths	N/A

Job Notes

a) Plug Down	Yes @ Mar 3, 2024, 4:15 PM
	Landed Plug @ 2,540 PSI
	Final Lift @ 525 PSI
b) Floats Held	Yes 1.0 BBLs back
c) Full Returns	Yes
Lost Circulation	No
d) Cement to Surface	Yes
	32 BBLs Cement
e) If no returns, top off	
f) Top off Detail	
g) Additional Detail	
Charts -	
(Pressure, Density, Pump Rate & Total BBLs)	
	*see further attached

Cementer's Well Service, Inc.

PDC Energy

Cementer's Job ID: 3607

Surface Cement Job Graph & Casing Test

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Well Data		Cement Job Data	
API #:	05-123-51782	State:	CO
Well Owner:	PDC Energy	County:	Weld
Lease:	George		
Well Name:	03NA		
TD: Depth @	2,027 ft.		
KB: Pipe Landed @	2,017 ft.		
Set: Plug Landed @	1,984 ft.		
		Time on Location:	03-03-24 13:45
		Plug Down Time:	03-03-24 16:15
		Casing Pressure Test Results (PSI)	
		Final Lift @	525 PSI
		Landed Plug @	2,540 PSI
		10 min	2,550 PSI
		20 min	2,570 PSI
		30 min	2,580 PSI

Surface Cement Job Graph

