

Surface Cement Verification Report

George 07NA

Date: Mar 1, 2024

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



CLIENT: PDC Energy

FIELD TICKET #: 200.0103.016

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

Job Information

API #:	05-123-51774	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:	07NA	Ambient Conditions:	Clear
State:	CO	Temperature:	50 deg F
County:	Weld		
Job Date:	Mar 1, 2024		
Time on Location:	Mar 1, 2024, 6:10 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	772 sks
f) Mix Fluid Type	
Water / Cement	8.5 gal/sk
g) Slurry Mixed	221.36 BBLs Cement
h) Additives Used	Gel/Bentonite 3.00 % Calcium Chloride 1.50 %
Total Water Used	365.20 BBLs Water
i) Displacement Fluid Vol	148.96 BBLs Water
j) Method of Placement	N/A
l) Stage Tool Depth	N/A
k) Set Depth	Pipe Landed @ 1,927 ft.
m) Float Collar Depth	Plug Landed @ 1,927 ft.
n) Designed top of Cement	Returns to Surface (+)
o) Centralizer Depths	N/A

Job Notes

a) Plug Down	Yes @ Mar 1, 2024, 8:26 PM
	Landed Plug @ 2,625 PSI
	Final Lift @ 430 PSI
b) Floats Held	Yes 1.0 BBLs back
c) Full Returns	Yes
Lost Circulation	No
d) Cement to Surface	Yes
	36 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: 3603

Surface Cement Job Graph & Casing Test

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Well Data		Cement Job Data	
API #:	05-123-51774	State:	CO
Well Owner:	PDC Energy	County:	Weld
Lease:	George		
Well Name:	07NA		
TD: Depth @	1,964 ft.		
KB: Pipe Landed @	1,927 ft.		
Set: Plug Landed @	1,927 ft.		
		Time on Location:	03-01-24 18:10
		Plug Down Time:	03-01-24 20:26
		Casing Pressure Test Results (PSI)	
		Final Lift @	430 PSI
		Landed Plug @	2,625 PSI
		10 min	2,635 PSI
		20 min	2,650 PSI
		30 min	2,655 PSI

Surface Cement Job Graph

