

Surface Cement Verification Report

George 17N

Date: Feb 26, 2024

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

CLIENT: PDC Energy

FIELD TICKET #: 200.0103.006



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

Job Information

API #:	05-123-51781	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:	17N	Ambient Conditions:	Wind
State:	CO	Temperature:	60 deg F
County:	Weld		
Job Date:	Feb 26, 2024		
Time on Location:	Feb 26, 2024, 11:00 AM		

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	788 sks
f) Mix Fluid Type	
Water / Cement	8.5 gal/sk
g) Slurry Mixed	225.95 BBLs Cement
h) Additives Used	Gel/Bentonite 3.00 % Calcium Chloride 1.50 %
Total Water Used	350.52 BBLs Water
i) Displacement Fluid Vol	151.04 BBLs Water
j) Method of Placement	N/A
l) Stage Tool Depth	N/A
k) Set Depth	Pipe Landed @ 1,988 ft.
m) Float Collar Depth	Plug Landed @ 1,954 ft.
n) Designed top of Cement	Returns to Surface (+)
o) Centralizer Depths	N/A

Job Notes

a) Plug Down	Yes @ Feb 26, 2024, 2:02 PM
	Landed Plug @ 2,560 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
	40 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: 3593

Surface Cement Job Graph & Casing Test

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Well Data		Cement Job Data	
API #:	05-123-51781	State:	CO
Well Owner:	PDC Energy	County:	Weld
Lease:	George	Time on Location: 02-26-24 11:00	
Well Name:	17N	Plug Down Time: 02-26-24 14:02	
TD:	Depth @ 1,998 ft.	Casing Pressure Test Results (PSI)	
KB:	Pipe Landed @ 1,988 ft.	Final Lift @	430 PSI
Set:	Plug Landed @ 1,954 ft.	Landed Plug @	2,560 PSI
		10 min	2,580 PSI
		20 min	2,593 PSI
		30 min	2,605 PSI

