

Surface Cement Verification Report

George 08N

Date: Mar 1, 2024

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



CLIENT: PDC Energy

FIELD TICKET #: 200.0103.015

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

Job Information

| | | | |
|--------------------------|----------------------|----------------------------|-------------------------------|
| API #: | 05-123-51775 | 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: | 08N | Ambient Conditions: | Clear |
| State: | CO | Temperature: | 45 deg F |
| County: | Weld | | |
| Job Date: | Mar 1, 2024 | | |
| Time on Location: | Mar 1, 2024, 7:00 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 | 794 sks |
| f) Mix Fluid Type | |
| Water / Cement | 8.5 gal/sk |
| g) Slurry Mixed | 227.67 BBLs Cement |
| h) Additives Used | Gel/Bentonite 3.00 % Calcium Chloride 1.50 % |
| Total Water Used | 332.66 BBLs Water |
| i) Displacement Fluid Vol | 151.97 BBLs Water |
| j) Method of Placement | N/A |
| l) Stage Tool Depth | N/A |
| k) Set Depth | Pipe Landed @ 1,999 ft. |
| m) Float Collar Depth | Plug Landed @ 1,966 ft. |
| n) Designed top of Cement | Returns to Surface (+) |
| o) Centralizer Depths | N/A |

Job Notes

| | |
|--|-----------------------|
| a) Plug Down | |
| Yes @ Mar 1, 2024, 9:22 AM | |
| Landed Plug @ | 2,530 PSI |
| Final Lift @ | 505 PSI |
| b) Floats Held | Yes 1.0 BBLs back |
| c) Full Returns | Yes |
| Lost Circulation | No |
| d) Cement to Surface | Yes |
| | 30 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: 3602

Surface Cement Job Graph & Casing Test

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| Well Data | | Cement Job Data | |
|--------------------|-------------------------|---|-----------|
| API #: | 05-123-51775 | State: | CO |
| Well Owner: | PDC Energy | County: | Weld |
| Lease: | George | Time on Location: 03-01-24 07:00 | |
| Well Name: | 08N | Plug Down Time: 03-01-24 09:22 | |
| TD: | Depth @ 2,009 ft. | Casing Pressure Test Results (PSI) | |
| KB: | Pipe Landed @ 1,999 ft. | Final Lift @ | 505 PSI |
| Set: | Plug Landed @ 1,966 ft. | Landed Plug @ | 2,530 PSI |
| | | 10 min | 2,555 PSI |
| | | 20 min | 2,574 PSI |
| | | 30 min | 2,584 PSI |

