

Cement Verification Report - Cementer's Well Service, Inc.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712



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

CLIENT: PDC Energy	Cementer's FIELD TICKET #	300226-D
--------------------	------------------------------	----------

Requested Operator Guidance:

Well Name & Number	Lease	Bost Farm		Well No.	39N - 8B - L
Well API Number	05-123-51447				
Job Date	1/7/22		Time on	8:20	24 hr time
Job Type	New Well Surface				
Cementing Company	Cementer's Well Service, Inc		Contact	Nate Kvamme - 303-324-4296	
Ambient conditions	clear		22	temp deg F	
Slurry Description					
a) Purpose	Surface - 9 5/8" 36# CSG, 12 1/4" hole				
b) Cement Class	Type I / II				
c) Cement Yield	1.61	cuft / sk			
d) Cement Density	13.9	PPG			
e) Number of sks	628	sks (94# equiv)			
f) Mix Fluid Type					
	Water / Cement	8.5	Gal / sk		
g) Slurry mixed	178.5	BBLs slurry			
h) Additives used	1.50%	CaCl2	3.00%	Bentonite	
Total Water Used	274.1	BBLs H2O			
i) Displacement Fluid Vol	127.0	BBLs H2O			
j) Method of Placement					
k) Set Depth	1,700	feet (ft)			
l) Stage tool depth	n/a				
m) Float Collar Depth	1,643	feet (ft)			
n) Designed Top of Cement	n/a	to surface			
o) Centralizer depths	0				feet (ft)

Charts - (pressure, density, pump rate)

Landed Plug @ 1620 psi Final Lift Pressure @ 500 psi

Cement Density (as weighed during job) @ 13.9 PPG

Job notes

a) Plug down	Y / <u>N</u>	Time	11:01	24 hr time
b) Floats held	<u>Y</u> / N		1/7/22	
c) Full Returns	<u>Y</u> / N	Lost Circulation	Y / <u>N</u>	
d) Cement to surface	<u>Y</u> / N	63.0	BBLs to surface	
e) If no returns, top off	n/a	BBLs		
f) Top off detail				
g) Additional Detail	0			
	0			

Cementer's Well Service, Inc.

P.O. BOX 336220 • GREELEY, CO 80633 • (970) 353-7299 • FAX (970) 353-7712



PDC Energy

Surface Casing Pressure Test - Cement Job Graph

COMPANY DETAILS

Date	1/7/22	API #	05-123-51447	Well No.	39N - 8B - L
County	Weld	State	CO	Lease	Bost Farm

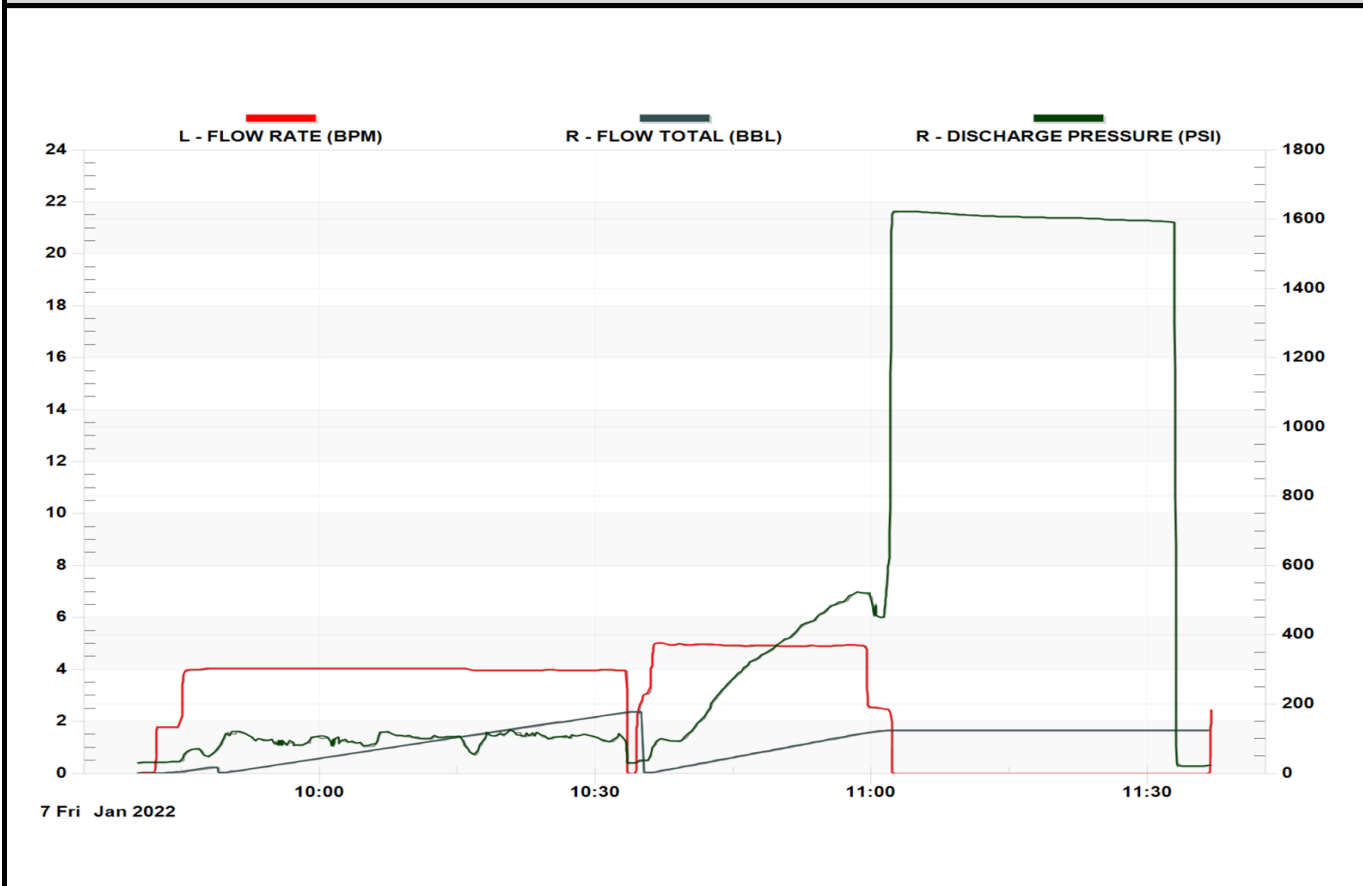
Client PDC Energy

Contact / email

JOB DETAILS

TIME ON	8:20	24 hr	Depth	1,700	ft.	Pressure Test @	1,620	psi
START TIME	9:38	1/7/22	Bottom of Surface	1,700	ft.	10 min	1,609	psi
END TIME	11:37	1/7/22	Plug Landed @	1,643	ft.	20 min	1,603	psi
			Plug Landed @	11:01	24 hr	30 min	1,594	psi

SUMMARY GRAPH





Centralizer Depths

Well Name: Bost Farm 39N-8B-L

Surface, Set Depth: 1,699.9ftKB

API 05123514470000		Surface Legal Location SWNW 7 5N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal					
Ground Elevation (ft) 4,874.00		Original KB Elevation (ft) 4,902.00		KB-Ground Distance (ft) 28.00		Spud Date 4/22/2022 23:30		Rig Release Date 4/26/2022 18:00		On Production Date		Abandon Date	

Casing Run Tally

Run #	Ref #	Item Des	OD (in)	Wt (lb/ft)	Grade	Run?	Len (ft)	Centralized?	Ext Jw/ry	Connections	Top (ftKB)	Cum Len (ft)
2	1	Casing Joints	9 5/8	36.00	J-55	Yes	41.56	Yes			1,656.5	43.41
6	5	Casing Joints	9 5/8	36.00	J-55	Yes	41.52	Yes			1,490.3	209.64
10	9	Casing Joints	9 5/8	36.00	J-55	Yes	41.54	Yes			1,324.0	375.88
14	13	Casing Joints	9 5/8	36.00	J-55	Yes	41.59	Yes			1,157.8	542.09
18	17	Casing Joints	9 5/8	36.00	J-55	Yes	41.52	Yes			991.6	708.32
22	21	Casing Joints	9 5/8	36.00	J-55	Yes	41.53	Yes			825.4	874.53
26	25	Casing Joints	9 5/8	36.00	J-55	Yes	41.58	Yes			659.2	1,040.69
30	29	Casing Joints	9 5/8	36.00	J-55	Yes	41.58	Yes			493.0	1,206.89
34	33	Casing Joints	9 5/8	36.00	J-55	Yes	41.55	Yes			326.8	1,373.15
38	37	Casing Joints	9 5/8	36.00	J-55	Yes	41.57	Yes			160.6	1,539.32
40	39	Casing Joints	9 5/8	36.00	J-55	Yes	41.53	Yes			77.5	1,622.41