

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 #	300221-D
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Requested Operator Guidance:

Well Name & Number	Lease	Bost Farm	Well No.	40C - 8 - L2
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Well API Number	05-123-51453			
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Job Date	1/4/21	Time on	22:30	24 hr time
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Job Type	New Well Surface
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Cementing Company	Cementer's Well Service, Inc	Contact	Nate Kvamme - 303-324-4296
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Ambient conditions	clear	12	temp deg F
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Slurry Description	
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a) Purpose	Surface - 9 5/8" 36# CSG, 12 1/4" hole
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b) Cement Class	Type I / II
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c) Cement Yield	1.61	cuft / sk
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d) Cement Density	13.9	PPG
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e) Number of sks	499	sks (94# equiv)
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f) Mix Fluid Type	
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Water / Cement	8.5	Gal / sk
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g) Slurry mixed	141.9	BBLs slurry
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h) Additives used	1.50% CaCl2	3.00% Bentonite
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Total Water Used	244.7	BBLs H2O
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i) Displacement Fluid Vol	123.7	BBLs H2O
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j) Method of Placement	
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k) Set Depth	1,656	feet (ft)
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l) Stage tool depth	n/a
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m) Float Collar Depth	1,600	feet (ft)
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n) Designed Top of Cement	n/a	to surface
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o) Centralizer depths	0	feet (ft)
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Charts - (pressure, density, pump rate)

Landed Plug @	1715	psi	Final Lift Pressure @	400	psi
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Cement Density (as weighed during job) @	13.9	PPG
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Job notes

a) Plug down	<input checked="" type="radio"/> Y / <input type="radio"/> N	Time	0:12	24 hr time
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b) Floats held	<input checked="" type="radio"/> Y / <input type="radio"/> N		1/4/21
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c) Full Returns	<input checked="" type="radio"/> Y / <input type="radio"/> N	Lost Circulation	<input checked="" type="radio"/> Y / <input type="radio"/> N
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d) Cement to surface	<input checked="" type="radio"/> Y / <input type="radio"/> N	16.0	BBLs to surface
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e) If no returns, top off	n/a	BBLs
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f) Top off detail	
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PDC Energy

Surface Cement Job Graph

COMPANY DETAILS

Date	1/4/21	API #	05-123-51453	Well No.	40C - 8 - L2
County	Weld	State	CO	Lease	Bost Farm

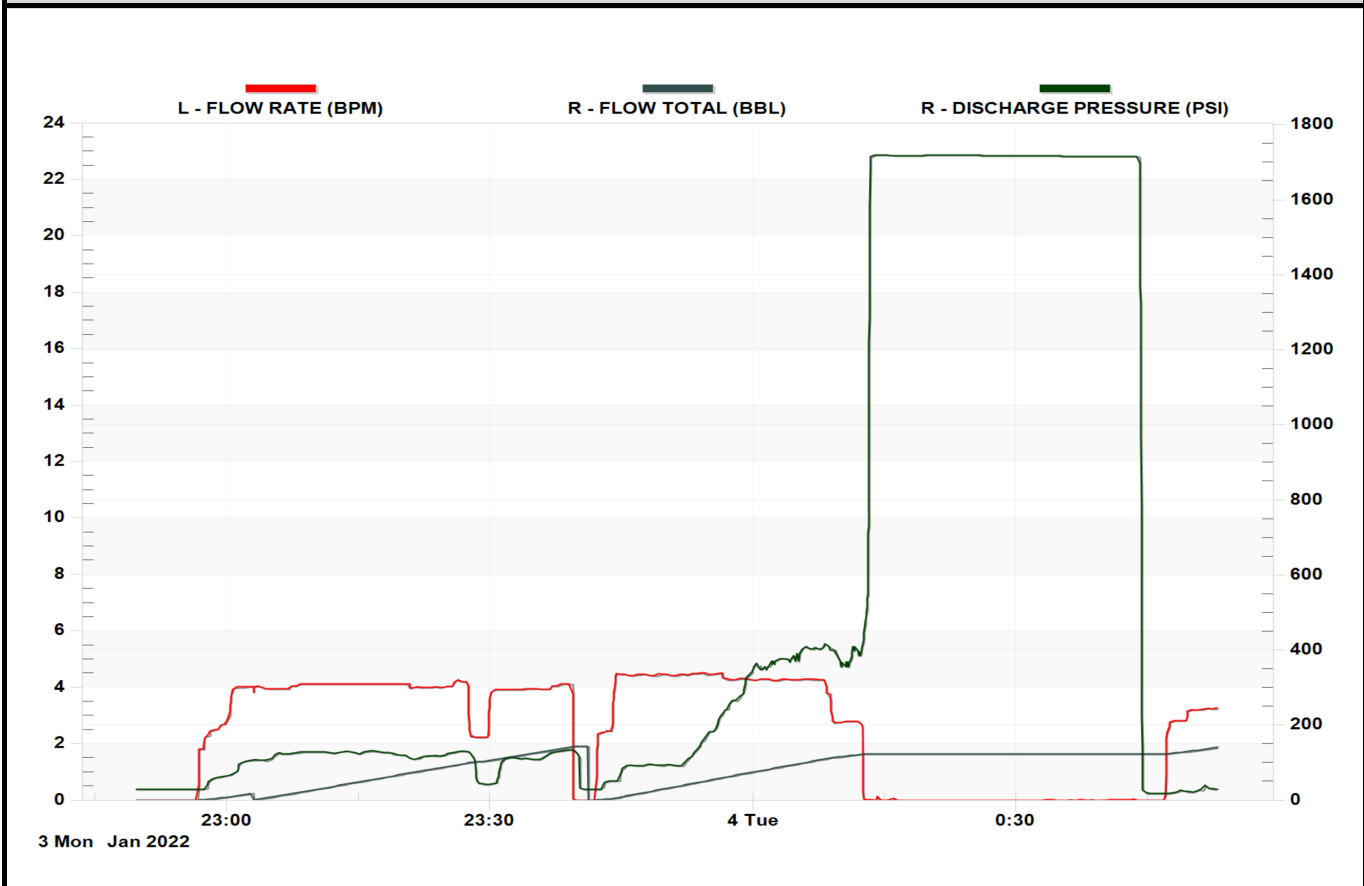
Client PDC Energy

Contact / email

JOB DETAILS

TIME ON	22:30	24 hr	Depth	1,656	ft.	Pressure Test @	1,715	psi
START TIME	22:49	1/3/21	Bottom of Surface	1,656	ft.	10 min	1,716	psi
END TIME	0:53	1/4/21	Plug Landed @	1,600	ft.	20 min	1,717	psi
			Plug Landed @	0:12	24 hr	30 min	1,717	psi

SUMMARY GRAPH





Centralizer Depths

Well Name: Bost Farm 40C-8-L2

Surface, Set Depth: 1,656.0ftKB

API 05123514530000		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 5/17/2022 00:30	Rig Release Date 5/22/2022 06:00	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	40.78	Yes			1,613.4	42.63
6	5	Casing Joints	9 5/8	36.00	J-55	Yes	41.55	Yes			1,448.0	208.05
10	9	Casing Joints	9 5/8	36.00	J-55	Yes	41.55	Yes			1,282.2	373.84
14	13	Casing Joints	9 5/8	36.00	J-55	Yes	41.55	Yes			1,116.0	540.01
18	17	Casing Joints	9 5/8	36.00	J-55	Yes	41.53	Yes			949.8	706.19
22	21	Casing Joints	9 5/8	36.00	J-55	Yes	41.57	Yes			783.6	872.45
26	25	Casing Joints	9 5/8	36.00	J-55	Yes	41.57	Yes			617.3	1,038.72
30	29	Casing Joints	9 5/8	36.00	J-55	Yes	41.55	Yes			451.1	1,204.92
34	33	Casing Joints	9 5/8	36.00	J-55	Yes	41.57	Yes			284.9	1,371.09
37	36	Casing Joints	9 5/8	36.00	J-55	Yes	41.55	Yes			160.3	1,495.74
39	38	Casing Joints	9 5/8	36.00	J-55	Yes	41.59	Yes			77.1	1,578.87