

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 #	300276-D
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Requested Operator Guidance:

Well Name & Number	Lease	Everest	Well No.	08N
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Well API Number	05-123-51668
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Job Date	3/18/22	Time on	18:30	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	28	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	803	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	230.0	BBLs slurry
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h) Additives used	1.50% CaCl2	3.00% Bentonite
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Total Water Used	309.3	BBLs H2O
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i) Displacement Fluid Vol	126.8	BBLs H2O
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j) Method of Placement	
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k) Set Depth	1,696	feet (ft)
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l) Stage tool depth	n/a
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m) Float Collar Depth	1,640	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 @	1565	psi	Final Lift Pressure @	425	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	22:18	24 hr time
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b) Floats held	<input checked="" type="radio"/> Y <input type="radio"/> N		3/18/22
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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	20.0	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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g) Additional Detail	0
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PDC Energy

Surface Casing Pressure Test - Cement Job Graph

COMPANY DETAILS

Date	3/18/22	API #	05-123-51668	Well No.	08N
County	Weld	State	CO	Lease	Everest

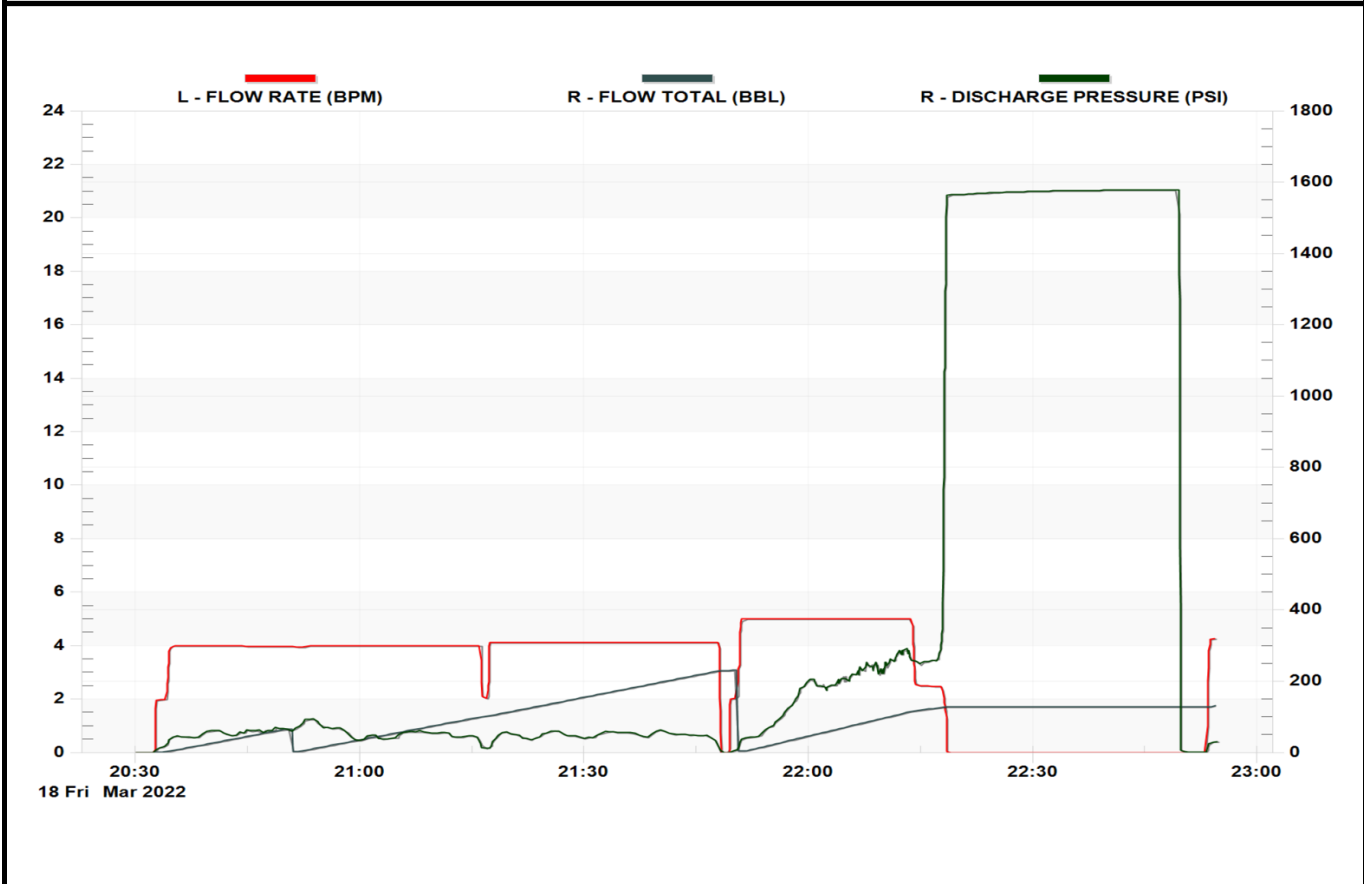
Client PDC Energy

Contact / email _____

JOB DETAILS

TIME ON	18:30	24 hr	Depth	1,696	ft.	Pressure Test @	1,565	psi
START TIME	20:30	3/18/22	Bottom of Surface	1,696	ft.	10 min	1,574	psi
END TIME	22:54	3/18/22	Plug Landed @	1,640	ft.	20 min	1,577	psi
			Plug Landed @	22:18	24 hr	30 min	1,579	psi

SUMMARY GRAPH





Centralizer Depths

Well Name: Everest 08N

Surface, Set Depth: 1,696.4ftKB

API 05123516680000		Surface Legal Location NWNE 34 6N 66W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal	
Ground Elevation (ft) 4,697.00	Original KB Elevation (ft) 4,725.00	KB-Ground Distance (ft) 28.00	Spud Date 7/10/2022 10:15	Rig Release Date 7/14/2022 07:30	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		Casing Joints	9 5/8	36.00	J-55	Yes	41.48	Yes		LT&C	1,653.1	43.33
6		Casing Joints	9 5/8	36.00	J-55	Yes	41.49	Yes		LT&C	1,487.1	209.31
10		Casing Joints	9 5/8	36.00	J-55	Yes	41.50	Yes		LT&C	1,321.2	375.21
14		Casing Joints	9 5/8	36.00	J-55	Yes	41.47	Yes		LT&C	1,155.3	541.12
18		Casing Joints	9 5/8	36.00	J-55	Yes	41.46	Yes		LT&C	990.1	706.29
22		Casing Joints	9 5/8	36.00	J-55	Yes	41.49	Yes		LT&C	824.2	872.23
26		Casing Joints	9 5/8	36.00	J-55	Yes	41.49	Yes		LT&C	658.3	1,038.11
30		Casing Joints	9 5/8	36.00	J-55	Yes	41.49	Yes		LT&C	492.7	1,203.74
34		Casing Joints	9 5/8	36.00	J-55	Yes	41.95	Yes		LT&C	326.2	1,370.19
38		Casing Joints	9 5/8	36.00	J-55	Yes	41.51	Yes		LT&C	160.3	1,536.13
40		Casing Joints	9 5/8	36.00	J-55	Yes	41.50	Yes		LT&C	77.3	1,619.10