

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

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

CLIENT: PDC Energy	Cementor's FIELD TICKET #	300194-D
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Requested Operator Guidance:

Well Name & Number	Lease	Watermelon	Well No.	4N
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Well API Number	05-123-50724
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Job Date	11/2/21	Time on	23:45	24 hr time
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Job Type	New Well Surface
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Cementing Company	Cementor's Well Service, Inc	Contact	Nate Kvamme - 303-324-4296
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Ambient conditions	clear	38	temp deg F
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Slurry Description	
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a) Purpose	Surface - 9 5/8" 40# CSG, 13 1/2" 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	650	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	186.3	BBLs slurry
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h) Additives used	1.50% CaCl2	3.00% Bentonite
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Total Water Used	275.8	BBLs H2O
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i) Displacement Fluid Vol	124.3	BBLs H2O
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j) Method of Placement	
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k) Set Depth	1,649	feet (ft)
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l) Stage tool depth	n/a
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m) Float Collar Depth	1,608	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 @	1683	psi	Final Lift Pressure @	500	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	1:33	24 hr time
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b) Floats held	<input checked="" type="radio"/> Y / <input type="radio"/> N	11/2/21
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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	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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Centralizer Depths

Well Name: Watermelon 4N

Surface, Set Depth: 1,649.1ftKB

API 05123507240000		Surface Legal Location NWNW 16 5N 64W		Field Name Wattenberg		State CO		Well Configuration Type Horizontal	
Ground Elevation (ft) 4,610.00	Original KB Elevation (ft) 4,623.00	KB-Ground Distance (ft) 13.00		Spud Date	Rig Release Date	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	41.82	Yes		LT&C	1,605.5	43.67
6		Casing Joints	9 5/8	36.00	J-55	Yes	41.82	Yes		LT&C	1,438.1	211.00
10		Casing Joints	9 5/8	36.00	J-55	Yes	41.82	Yes		LT&C	1,270.9	378.25
11		Casing Joints	9 5/8	36.00	J-55	Yes	41.84	Yes		LT&C	1,229.1	420.09
14		Casing Joints	9 5/8	36.00	J-55	Yes	41.82	Yes		LT&C	1,103.6	545.54
18		Casing Joints	9 5/8	36.00	J-55	Yes	41.83	Yes		LT&C	936.3	712.80
22		Casing Joints	9 5/8	36.00	J-55	Yes	41.81	Yes		LT&C	769.1	880.03
26		Casing Joints	9 5/8	36.00	J-55	Yes	41.81	Yes		LT&C	602.2	1,046.96
30		Casing Joints	9 5/8	36.00	J-55	Yes	41.53	Yes		LT&C	435.2	1,213.94
34		Casing Joints	9 5/8	36.00	J-55	Yes	38.31	Yes		LT&C	271.5	1,377.69
38		Casing Joints	9 5/8	36.00	J-55	Yes	41.82	Yes		LT&C	104.2	1,544.96
39		Casing Joints	9 5/8	36.00	J-55	Yes	41.82	Yes		LT&C	62.4	1,586.78