





**CEMENT TREATMENT REPORT**

Customer: <b>Grand Mesa</b>	Well: <b>Dado 1-21</b>	Ticket: <b>ICT 3134</b>
City, State:	County: <b>Lincoln CO</b>	Date: <b>1/19/2020</b>
Field Rep: <b>Michael Polley</b>	S-T-R: <b>21-7-55W</b>	Service: <b>2 Stage</b>

Downhole Information	
Hole Size:	<b>7 7/8 in</b>
Hole Depth:	<b>8655 ft</b>
Casing Size:	<b>5 1/2 in</b>
Casing Depth:	<b>ft</b>
Tubing / Liner:	<b>in</b>
Depth:	<b>ft</b>
Tool / Packer:	<b>DV Tool</b>
Depth:	<b>ft</b>
Displacement:	<b>bbbls</b>

Calculated Slurry	
Weight:	<b>14.6 # / sx</b>
Water / Sx:	<b>gal / sx</b>
Yield:	<b>1.56 ft<sup>3</sup> / sx</b>
Bbls / Ft.:	<b>ft</b>
Depth:	<b>ft</b>
Annular Volume:	<b>0 bbls</b>
Excess:	<b>ft</b>
Total Slurry:	<b>111.1 bbls</b>
Total Sacks:	<b>400 sx</b>

Product	% / #	#
Class A		
Poz		
Gel		
CaCl		
Gypsum		
Metso		
Kol Seal		
Flo Seal		
Salt (bww)		

Total -

TIME	RATE	PSI	BBLs	REMARKS
1100A				ON LOCATION
1115A				GET THE FOLLOWING FROM CO MAN: 5 1/2 17# CASING (VERIFIED ON RACK) T.D. 8655 FT, TOTAL PIPE IS 8636 FT, DV TOOL
				SET AT 5224 FT, 7 7/8 OPEN HOLE, SURFACE CASING SET AT 513 FT 8 5/8 CIRC 4 HRS BETWEEN STAGES
				CENTRALIZERS ON 1, 2, 3, 6, 9, 12, 15, 18, 21, 23, 25, 27, 29, 79, 81 BASKETS ON 78 & 80 DV TOOL ON 80
700P				EQUIPMENT ON LOCATION
705P				SAFETY MEETING
1030P				RIG UP
1145P	3.2	200.0	5.0	H2O AHEAD
1147P	3.2	200.0	12.0	MUD FLUSH
1150P	3.2	200.0	5.0	H2O SPACER
1152P	6.0	600.0	111.0	CEMENT 400 SKS HSC
1217A				SHUT DOWN WASH PUMP AND LINES
1220A				DROP PLUG
1223A	6.0	130.0	20.0	DISPLACE H2O
1226A	6.0	150.0	20.0	DISPLACE H2O
1230A	6.0	220.0	20.0	DISPLACE H2O
1234A	6.0	270.0	20.0	DISPLACE H2O
1238A	6.0	300.0	20.0	DISPLACE MUD
1243A	6.0	670.0	25.0	DISPLACE MUD
1248A	5.0	1,130.0	25.0	DISPLACE MUD
1253A	4.0	1,400.0	25.0	DISPLACE MUD
100A	3.5	1,760.0	24.0	DISPLACE MUD
110A		2,600.0		PLUG LANDED
115A				CHECK FLOAT IT HELD
120A				DROP OPENING TOOL WAIT 50 MINS
215A				OPEN TOOL
220A				SWAP TO RIG PUMP

CREW		UNIT	SUMMARY		
Cementer:	<b>Jimmie Cottrell</b>	<b>73</b>	Average Rate	Average Pressure	Total Fluid
Pump Operator:	<b>Josh Mosier</b>	<b>231</b>	4.93077 bpm	702 psi	332 bbbls
Bulk #1:	<b>Jeff Jackson</b>	<b>194</b>			
Bulk #2:	<b>Kale Ochs</b>	<b>180</b>			

