



**CEMENT TREATMENT REPORT**

Customer: Val Energy	Well: Lehman V1-12	Ticket: ICT2248
City, State:	County: Sherman, KS	Date: 8/16/2019
Field Rep: Rick Smith	S-T-R: 9-3s-31w	Service: cement

Downhole Information	
Hole Size:	7.875
Hole Depth:	4950'
Casing Size:	5.5"
Casing Depth:	4910'
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Depth:	ft
Displacement:	119

Slurry	
Weight:	14.6 # / sx
Water / Sx:	7 gal / sx
Yield:	1 5/9 ft³ / sx
Bbls / Ft.:	
Depth:	ft
Volume:	bbbls
Excess:	%
Total Slurry:	43 bbbls
Total Sacks:	155 sx

Cement Blend		
Product	%	#
Class A		14570
Gel		291
CaCl		
Metso		
KolSeal		777
PhenoSeal		
Salt		840
Plaster		874

Total 17,352

TIME	RATE	PSI	BBLs	REMARKS	TIME	RATE	PSI	BBLs	REMARKS
330pm				Arrival					
335pm				Safety meeting					
340pm				Rig up equip					
1135pm				Rig run in casing					
				Centralizers on Jnts 5,7,9,11,13					
1135am				Rig circulate casing on bottom					
3am	4.0	200.0	12.0	Pump mud flush					
315am	3.0		8.0	Mix 30sx RH					
320am	4.0	200.0	35.0	Mix 125sx					
335am				Shut down clear pump and lines					
336am				Release plug					
340am	5.0	700.0	119.0	Displace plug					
4am	3.5	1,150.0	119.0	Plug down					
410am				Rig down equip					
430am				Depart					

CREW		UNIT	SUMMARY		
Cementer:	Miles Shaw	73.0	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Michael Rebarchek	231.0	3.9 bpm	562.50 psi	293.00 bbbls
Bulk #1:	John Polley	242.0			
Bulk #2:					