



BASICSM
ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer <u>Merit Energy</u>	Lease No.	Date <u>6/5/15</u>
Lease <u>Jacob Moss</u>	Well # <u>12-1</u>	Service Receipt <u>1717-05569A</u>
Casing <u>5 1/2 17#</u>	Depth	County <u>Haskell</u> State <u>KS</u>
Job Type <u>Squeeze</u>	Formation	Legal Description

Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size <u>2 3/8</u>	Shots/Ft		Lead <u>150 SE Propan @ 16.4 w/2% CC</u>
Depth	Depth <u>4042</u>	From <u>4272</u>	To <u>4278</u>	1.08 4.35
Volume	Volume <u>15.6</u>	From	To	Tail in
Max Press	Max Press <u>4000</u>	From	To	
Well Connection	Annulus Vol. <u>71.9</u>	From	To	
Plug Depth	Packer Depth <u>4042</u>	From	To	

1/4
2/5

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6/4 20:00					Callout
7:00					On loc.
8:37					Pressure test, 3150
8:55	500		32 1/2	3.6	Load Backside
9:10	0			3.7	Est. Injection
9:12					8 gauge shut down well head leaking
9:15	500		1 1/4	.6	Load Backside
9:16	500		8	3.4	Est. Injection
	600		10	3.5	
	700		20	3.3	
9:30					Mix CC w/ 15.5 BBL 63X
9:45	250		28.8	3.6	Start Mixing
10:00	500		3.5	2.0	Switch to Displacement
10:05	1300		10	1.4	
10:07	1500		13	.7	Slow Rate use 1 pump
10:11	1600		16	0	Shut down wash to Pit, 1/2 BBL Pas + PKR
10:19	900			.6	Start Pumping
10:20	2000		1/4	0	Shut down + wait
10:23	2000		2	instant	1400 Bump Pressure / Released Back
10:26	600		25	2.3	Rev Out
10:40					Pull 5 stands
10:50	1000		2 BBL	1.5	Pressure up
10:52					Shut down Job Complete

Service Units	<u>86573</u>	<u>3819/19570</u>	<u>33021/14284</u>
Driver Names	<u>Tommy M.</u>	<u>Hector E.</u>	<u>Mario B.</u>

Wes Williamson Customer Representative Tyce Davis Station Manager Tommy Marcellus Cementer