



Cement Report

Customer O'Brien Energy		Lease No. _____		Date 8-21-14	
Lease Mohler		Well # 1-34		Service Receipt	
Casing 8 5/8	Depth 1487'	County Meade	State KS		
Job Type 2-42		Formation	Legal Description 34-33-29		
Pipe Data			Perforating Data		Cement Data
Casing size 8 5/8 24#	Tubing Size		Shots/Ft		Lead 325 sx @ 11.4 PPG 31. CC, 14# Poly Flake, 2-1. WCA-1 A-Con Blend Tail in 150 sx @ 14.8 PPG 2XC, 14# Poly Flake Premium Plus Cement
Depth 1487'	Depth	From	To		
Volume 92 bbl	Volume	From	To		
Max Press	Max Press	From	To		
Well Connection	Annulus Vol.	From	To		
Plug Depth 1445'	Packer Depth	From	To		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1130					On location - Rig up
1300					Safety Meeting
1335	2500				Pressure Test
1337	100		170	5	Pump 325 SX @ 11.4 PPG
1415	100		35	5	Pump 150 SX @ 14.8 PPG
1423					Drop Plug
1425	100		1	5	Start Displacement
1443	200		72	2	Slow Rate 2 bpm
1446	200		82	1	Slow Rate 1 bpm
1453	1100		92	1	Bump Plug
1458	0				Release Pressure - float Held Shut Down Rig Down
Service Units	32750	17872	14354	78990	
Driver Names	Ruben	Victor	Jesus		

Roger

Customer Representative

Jerry Bennett

Station Manager

Ruben Martinez

Cementer



Cement Report

Customer	Orion Energy	Lease No.		Date	8/24 - 8/28
Lease	Mohler	Well #	1-34	Service Receipt	1717-06131A
Casing	4 1/2" 10.5#	Depth	6447	County	Wade
Job Type	Production	Formation		State	KS
				Legal Description	34/33/29

Pipe Data		Perforating Data		Cement Data
Casing size	4 1/2" 10 1/2#	Tubing Size		Lead
Depth	6447	Depth		2755 KAAZ @ 14.8
Volume	101.8	From	To	1.51ft ³ 6.64gal
Max Press	3000psi	From	To	Tail in
Well Connection	PC	Annulus Vol.	From	To
Plug Depth	6405	Packer Depth	From	To

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00					On location
9:30					Spot in Safety mtg
8/24 9:45					Rig up
8/28 10:10					Safety mtg w/ Rig crew
11:15					Pressure Test 3000psi
11:30	340		12 BBL	3BPM	Start Pumping Mud Flush
11:45	120		8 BBL	2.6BPM	Start Cementing Rat - Mouse hole
11:57	180			3BPM	Start Downhole Pumping Cement
2:30					Drop plug washup to pit
2:35					Start Displacement
	110		10	5	
	240		20	5.5	
	240		30	5.5	
	240		40	5.5	
	240		50	5.5	
	180		60	5.8	
	220		70	5.6	
	500		80	5.6	
	690		90	5.6	
	700		92	2.2	Reduce Rate
	900		102	0	
3:15	1500				Pressure up on plug
3:20					Release Back Plug Held Job complete
Service Units	86543	38114/19919	14355/37925		
Driver Names	Tommy M.	Daniel B.	Victor V.		

Roger Pearson
Customer Representative

Jerry Bennett
Station Manager

Tommy Marcellus
Cementer