



Cement Report

Customer Falcon Exploration		Lease No.		Date 9/19/14	
Lease Gayle Fry		Well # 1-Z		Service Receipt 1717-06141A	
Casing 8 5/8 24#	Depth 1827	County Gray		State KS	
Job Type Surface		Formation		Legal Description Z/28/30	
Pipe Data			Perforating Data		Cement Data
Casing size 8 5/8 24#	Tubing Size		Shots/Ft		Lead 460 sk Acow @ 11.4
Depth 1827	Depth	From	To		2.95 18.10
Volume 113.45 BBL	Volume	From	To		
Max Press 2000 psi	Max Press	From	To		Tail in 150 sk Prem. Pbs @ 14.8
Well Connection PC	Annulus Vol.		From	To	
Plug Depth 1783.9ft	Packer Depth		From	To	
					1.34 6.33
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0500					Callout
0600					Safety mtg / Journey Management @ Office
0830					On location Rig crew circulating on Btm
1300					Safety mtg w/ Rig crew
1325					Pressure test 2300 psi
1328	130		20 BBLs	5	Start Mixing Stop loss
1352	160		241 BBLs	5	Start Mixing lead
1500	130		35	4.5	Start Mixing Tail (Good Returns "cement")
1530	130			5.1	Drop Plug / Start Disp / Wash upon plug
	130		10	5.1	
	150		20	5.2	
	220		30	5.7	
	240		40	5.7	
	290		50	5.7	
	340		60	5.6	
	410		70	5.4	
	460		80	5.5	
	480		90	5.5	Shutdown wait 5
	420		95	1	Shutdown wait 5
	440		100	1	Shutdown wait 5
	500		105	1	Shutdown wait 5
	620		110	1	
16:45	690		113	0	Plug landed Press up to 1500 / Released Back
Service Units	86573	38117/19919	14334/19578	3053110	30464/34724
Driver Names	Tommy M.	Daril B.	Gabe M.		Javier O.

Rick Smith
Customer Representative

Jerry Bennett
Station Manager

Tommy Marcellus
Cementer

Cement Report

Customer Falcon Exploration		Lease No.		Date 9-30-14	
Lease Grule Pru		Well # F2		Service Receipt 06208	
Casing 4 1/2" 105# 4400		County Gray		State KS	
Job Type Z42		Formation		Legal Description 2-28-30	
Pipe Data			Perforating Data		Cement Data
Casing size 4 1/2" 105#	Tubing Size		Shots/Ft		Lead 50 sk ACon
Depth 4400'	Depth	From	To		
Volume 70 bbl disp	Volume	From	To		Tail in 160 sk AA2
Max Press 1500#	Max Press	From	To		
Well Connection TD-5440'	Annulus Vol.		From	To	
Plug Depth ST-42'	Packer Depth		From	To	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					on loc-site assessment
2:05					spot trucks, rig up
4:00					start csg + float equip
7:00					csg on BTM, break circ
7:05					safety meeting - JSA
7:30					pressure test 2000#
7:35	200		5	5	pump 5 bbl H2O spacer
7:37	200		12	5	pump 500 gal superflush
7:42	200		5	5	pump 5 bbl H2O spacer
7:45	100		26	6	mix + pump 50 sk ACon @ 11.4#
7:50	100		43	6	switch to tail 160 sk AA2 @ 14.8#
7:57					wash lines
8:00	100		0	7	drop latch down plug disp csg
8:10	1000		60	2	slow rate
8:15	1500		70	0	land plug, float hold
					plug rest + mouse holes w 50 sk
					job complete
Service Units		34720	27462	30463	19566
Driver Names		A. Swera	E. Montoya	R. Brown	

Leon
Customer Representative

J. Bennett
Station Manager

A. Swera
Cementer