



BASIC

ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer FALCON EXPLORATION Lease No. [] Date 01/25/14
 Lease JAMES KOEHN Well # 3-31 Service Receipt 1717 04881A
 Casing 8 5/8" ID Depth 1862' County GRAY State KS
 Job Type 8 5/8" SURFACE Formation [] Legal Description 31-28-30

Pipe Data				Perforating Data		Cement Data
Casing size	Tubing Size	Depth	Volume	From	To	Lead 460 sks 1/4" Copm Blended 11.4ppg - 2% WCA-1 3% CAL ² 1/4" Polyflake Tail in 150 sks 14.8ppg Packer in @ 1/2" cement 2% CAL ² 1/4" Polyflake
8 5/8"		1862'	119 BBLs			
Max Press 1500 psi	Annulus Vol.					
Well Connection	Packer Depth					
Plug Depth 1815'						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2100					01-24-14
2330					Called out
					On Location
0700					01-25-14
2600					Run casing & float equipment
					On Bottom Check
0730					Safety Meeting
0745					Setup
0900	100		242	5	Test Lanes to Rig Floor
					Mix Lead Cement 11.4ppg
0840	100		36	4	460sks - 242 BBLs
					Mix Tail Cement 14.8ppg
0850					150sks - 36 BBLs
0855			115	5	Drop Plug -
0920	350				Displace
0925	500				95 BBLs in slow rate to 2BPM
0935	1000				105 BBLs in slow rate to 1BPM
0937					Land plug 1000 psi
					Released float held
					BASIC THANKS YOU FOR YOUR BUSINESS

Service Units	21755	38750-19842	30463-19566	33024-14284		
Driver Names	Roger	Carlos	Ricardo	Norma		

Leon Kuhn
Customer Representative

Jerry Bennett
Station Manager

Roger Brown
Cementer



Cement Report

Customer <u>Falcon Exploration</u>		Lease No.		Date <u>2-5-14</u>	
Lease <u>James Koehn</u>		Well # <u>3-31</u>		Service Receipt	
Casing	Depth	County <u>Gray</u>		State <u>KS</u>	
Job Type		Formation		Legal Description	
Pipe Data			Perforating Data		Cement Data
Casing size <u>5 1/2 #15.5</u>	Tubing Size		Shots/Ft		Lead 100SX @ 11.4 PPG 29. CC, 1/4 # Poly flg ke A-Cen - Blend Tail in 140SX @ 14.8 PPG Su. W-60, 10% Salt br. C-15, 1/4 # Detoamer, 5 # Gilsomite - AA2 - Cement
Depth <u>5514'</u>	Depth	From	To		
Volume <u>130 bbl</u>	Volume	From	To		
Max Press	Max Press	From	To		
Well Connection	Annulus Vol.	From	To		
Plug Depth <u>5459.27'</u>	Packer Depth	From	To		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	
1400					On Location - Rig up
1600					Safety Meeting
1908	2000				Pressure Test
1909	200		5	4	Pump Water Ahead
1912	200		12	4	Pump 500 gallons of Super Flush
1918	200		5	4	Pump Water behind
1922	200		9	4	Plug Mouse Hole
1930	200		6.5	4	Plug Rat Hole
1940	100		26	4	Pump 50 SX @ 11.4 PPG
1947	200		37.6	4	Pump 140 SX @ 14.8 PPG
2005					Drop Plug
2007	0		2	2	Start Displacement
2022	200		128	8	Shut Down - Switch over Big mud line
2039	700		128	2	Plug Landed - float Held
2042	0				Release Pressure - Float Held
2045					Shut Down - Rig Down
Service Units	<u>78940</u>	<u>38750</u> <u>19842</u>	<u>30464</u>		
Driver Names	<u>Ruben</u>	<u>Carlos</u>	<u>Santiago</u>		

Leon
Customer Representative

Jerry Bennett
Station Manager

Ruben Martinez
Cementer
Taylor Printing, Inc.