

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1964

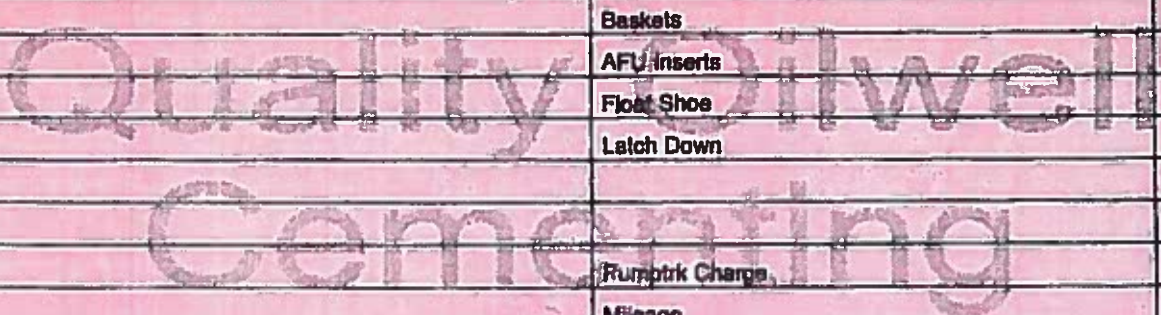
Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-9-16	16	11	32	Logan	KS		10:00 am
Location: Route 1 Hwy 83/16 = 11-3							

Lease	Well No.	Owner	
HR Unit	1	To Quality Oilwell Cementing, Inc.	
Contractor		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Type Job		Charge To	
S. Fair		Russell	
Hole Size	T.D.	Street	
12 1/4	324		
Csg.	Depth	City	
8 5/8	303		
Tbg. Size	Depth	State	
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered	
Cement Left in Csg.	Shoe Joint	170 80/20 3/4 2/4 1/4	
Meas Line	Displace	18 1/4 B/L	

EQUIPMENT			Common
Pumptrk	No.	Cementar Helper	Poz. Mix
Bulktrk	No.	Driver	Gel.
Bulktrk	No.	Driver	Calcium

JOB SERVICES & REMARKS		Hulls
Remarks:		Salt
Rat Hole		Flowseal
Mouse Hole		Kol-Seal
Centralizers		Mud CLR 48
Baskets		CFL-117 or CD110 CAF 38
D/V or Port Collar		Sand
8 5/8 on bottom hole center		Handling
in 112950 and 50190		Mileage
Cement		
		<b>FLOAT EQUIPMENT</b>
		Guide Shoe
		Centralizer
		Baskets
		AFU Inserts
		Float Shoe
		Latch Down
		Pumptrk Charge
		Mileage

X Signature	Tax
	Discount
	Total Charge



# BASIC

energy services, L.P.

Stage #1

## TREATMENT REPORT

Customer Russell Oil, Inc.	Lease No.	Date 5/18/2016
Lease H R Unit	Well # 1	
Field Order # 13635	Station Pratt, KS	Casing 5 1/2
		Depth 4695
Type Job ENW / 5 1/2 25+950 Long strings	Formation TD-	County Logan
		State KS
		Legal Description 16-11-32

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5 1/2								
Depth 4695	Depth	From	To	Pre Pad	Max		5 Min.	
Volume 112	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 4668	Packer Depth	From	To	Flush Freshwater	Gas Volume		Total Load	

Customer Representative Todd	Station Manager Kevin Goraby	Treater Darin Franklin
Service Units 92911 58117 19919 19955 21010 84980 19860		
Driver Names Dolan Dora Dora Curris Curris Rocky Rocky		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:30 pm					on location / service meeting
					111 jobs 5 1/2 15.5 H casing set @ 4695
					T-2, S, R, 11, 13, 15, 52
					B-10, 50
					DU TOOL - SI 2559'
					175 sk MAZ cement, Russell Oil Blend
					15.3 ppg, 1.36 vol. 12, 5.52 water
					Pipe on bottom & best circulation
4:25 pm	200		24	5	Pump 24 bbls Superflush 1)
	200		5	5	Pump 5 bbls water
	200		42	6	Mix 175 sk cement
					Shut down
					Wash pump 21.00
					Drop plug
	100		0	6	Set 90' displacement
	600		90	6	Life Pressure
	800		100	3	Slow Rate
5:30 pm	2,000		109	3	Bump Plug
					Release
					Drop DV opening Tool & Plug Rate
	800		1/4	1/2	Open DV Tool

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energy services, L.P.

Stage #2

## TREATMENT REPORT

Customer Kusson Oil, Inc.	Lease No.	Date 5/18/2016
Lease H R Unit	Well # 1	
Field Order # 13685	Station Pratt, KS	Casing 5 1/2
	Depth 4695	County Logan
Type Job CNW/5 1/2 2 stage Longstring	Formation TD-4700	State KS
		Legal Description 16-11-32

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
5 1/2								
Depth 4695	Depth	From	To	Pre Pad		Max		5 Min.
Volume 112	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 4665	Packer Depth	From	To	Flush Freshwater		Gas Volume		Total Load

Customer Representative Todd	Station Manager Kevin Gorav	Treater Darin Frenkel
Service Units 92911 38117 19919 19955 2106 84980 19860		
Driver Names Darin Darin Darin Curtis Curtis Rocky Rocky		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					3255K A-Con Blend Cement, 3% HCL, 1/4% PELLETS
					11.6 PPG, 2.77 VPD, 16.75 WSPR
5:45 pm					Circulate 1 hour
6:45 pm	200		160		mix 3255K cement
					Shut down
					Wash Pump & lines
					Release Plug
	300		0	7	Start displacement
	600		450	7	L.P. Pressure
	1,000		50	3	slow Rate
	2,000		62	3	Burnt Plug - Close DU Tool
					Release - Hold
					Circulate 12 bbls Cement
					Job Complete / Darin & Crew
					Thank you !!!