

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. 967

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-23-12				Russell	Kansas		11:30 AM
Lease <i>Betty Radke</i>	Well No. <i>A+LR</i>		Location <i>Betta Rd S to Co. Line</i>				
Contractor <i>Southwind Drilling Rig</i>				Owner			
Type Job <i>Surface</i>				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size <i>12 1/4</i>	T.D.						
Csg. <i>8 3/8</i>	Depth			Charge To <i>Russell Oil</i>			
Tbg. Size	Depth			Street			
Tool	Depth			City		State	
Cement Left in Csg.	Shoe Joint			The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line	Displace			Cement Amount Ordered <i>370 Common</i>			
EQUIPMENT				<i>3911 2900</i>			
Pumptrk <i>5</i>	No.	Cementer	<i>Steve</i>	Common <i>370</i>			
Bulktrk <i>13</i>	No.	Helper	<i>Brad</i>	Poz. Mix			
Bulktrk	No.	Driver	<i>Levy</i>	Gel. <i>7</i>			
JOB SERVICES & REMARKS				Calcium <i>14</i>			
Remarks:				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<i>Cement did Circulate</i>				Sand			
				Handling <i>391</i>			
				Mileage			
FLOAT EQUIPMENT							
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				<i>Betta Rd</i>			
				<i>8 3/8 Rubber Plug</i>			
				Pumptrk Charge <i>Long Surface</i>			
				Mileage <i>16</i>			
X Signature <i>William L. ...</i>				Tax			
				Discount			
				Total Charge			

Customer Russell Oil	Lease No.	Date 5-31-12	
Lease Betty Radko A	Well # 1-K		
Field Order # 6937	Station Plato	Casing 5 1/2 1433	Depth 3428
County Russell		State KS	
Type Job CNW-51 L.S.	Formation	Legal Description 31-15-14	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2 1433	Tubing Size 3 1/2	Shots/Ft 1454		Acid AA2 (cont)	RATE	PRESS	ISIP	
Depth 3428	Depth	From	To 3054	Pre Pad KH	Max		5 Min.	
Volume 81.58	Volume	From	To	Pad	Min		10 Min.	
Max Press 1500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection V.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 3407	Packer Depth	From	To	Flush 81	Gas Volume		Total Load	

Customer Representative	Station Manager Dave Scott	Treater Steve Wilmore
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Service Units	27223	27463	70959	19918					
Driver Names	Wilmore	Wilmore	Phillips						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00 AM					On location Safety Meeting
					Run 21 1/2 5 1/2 1433 (cont)
					Completion 1-3-6-8-10-12-14-16-18-20-22-24-26-28-30
					Casing on bottom Break Circ w/ Ris
10:50	300		24	5	24 bbl Superfluid
10:55	300		5	5	5 bbl H ₂ O
10:55	250		35	5	Mix 1454 @ 15.3°/hr
					Shut Down
					Clear Pump & Line
					Return Plug
11:15	11		0	6	Start H ₂ O Injection
11:25	350	60	350	5	Start Pressure
11:28	500	71	500	11	Start Rate
11:30 AM	1500	81	1500	4	Plug Down - Hold
					Mix 3054 60/40 for KH