

# 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. 649

Date	2-10-18	Sec.	15	Twp.	20	Range	4	County	Mcpherson	State	Ks	On Location		Finish	6:00 AM
								Location	Lyon's - E to C. L., 8E to 8th Rd, 4S						

Lease	Sawyer	Well No.	15-1	Owner	to Dakota Rd, 1 1/4 E, 1/2 S										
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Contractor	Southwind	#	1	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.											
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Type Job	Plug	Hole Size	7 7/8"	T.D.	3865'	Charge To	I.A. operating								
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Csg.		Depth		Street											
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Tbg. Size	4 1/2" D.P.	Depth	3843'	City	State										
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Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.											
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Cement Left in Csg.		Shoe Joint		Cement Amount Ordered	210 5X 60/40 4% gel 1/4# flow seal										
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Meas Line		Displace	H <sub>2</sub> O / mud												
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**EQUIPMENT**

Pumptrk	16	No.		Cementer	David										Common	126
				Helper											Poz. Mix	84
Bulktrk	9	No.		Driver	Jordan										Gel.	8
				Driver											Calcium	
Bulktrk	p.u.	No.		Driver	Rick										Hulls	

**JOB SERVICES & REMARKS**

Remarks:	3843' - 35 5X														
Rat Hole	693' - 35 5X														
Mouse Hole	341' - 35 5X														
Centralizers	186' - 35 5X														
Baskets	62' - 20 5X														
D/V or Port Collar	Rathole - w/ 30 5X														
	Mousehole w/ 20 5X														
	Cement did Circulate														
	Salt														
	Flowseal 50#														
	Kol-Seal														
	Mud CLR 48														
	CFL-117 or CD110 CAF 38														
	Sand														
	Handling 28														
	Mileage														

**FLOAT EQUIPMENT**

	Guide Shoe														
	Centralizer														
	Baskets														
	AFU Inserts														
	Float Shoe														
	Latch Down														

Pumptrk Charge	plug														
Mileage	40														

	Tax														
	Discount														
	Total Charge														

X Signature *[Handwritten Signature]*