

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. 3145

Date	2-19-17	Sec.	15	Twp.	16	Range	10	County	Ellsworth	State	KS	On Location		Finish	5:30 PM
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Lease **Sarah** Location **Wilson S to PRd, 3E to 4th Rd**

Well No.	1	Owner	3/4 N E 15
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Contractor **Southwind 1**
Type Job **Longstring**
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	7 7/8"	T.D.	3503'	Charge To	Pauley oil
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Csg.	5 1/2" 15.50# New	Depth	3482.73	Street	
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Tbg. Size		Depth		City		State	
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Tool Depth
The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg.	23.80'	Shoe Joint	23.80'	Cement Amount Ordered	200 Com 10% Salt 2%
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Meas Line	Displace	82 1/4 BLS	Gilsonite - 500 gal mud clear 48
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EQUIPMENT
Common **200**

Pumptrk	18 No.	Cementor	Helper	Nick	Poz. Mix
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Bulktrk	14 No.	Driver	Driver	Tim	Gel.
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Bulktrk	p.u. No.	Driver	Driver	Rick	Calcium
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JOB SERVICES & REMARKS
Hulls

Remarks:	Salt	15
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Rat Hole	Flowseal
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Mouse Hole	Kol-Seal	850 #
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Centralizers	1, 4, 6, 7, 10, 12, 16	Mud CLR 48	500 gal
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Baskets	5, 9	CFL-117 or CD110 CAF 38
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D/V or Port Collar	pipe on bottom break	Sand
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Circulation pump	500 gal mud clear 48	Handling	213
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plug Rathole w/ 30 sx plug mud shale		Mileage	
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w/ 20 sx Cement 5 1/2" casing			
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w/ 150 sx Shut down wash pump		Float Equipment
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+ lines Displaced plug w/ 82 1/4'		Guide Shoe
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BLS Released + held		Centralizer	100 7
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		Baskets	2
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		AFU Inserts	
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Lift pressure	700 #	Float Shoe	1
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		Latch Down	1
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Land plug to	1500 #		
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		Pumptrk Charge	prod starting
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		Mileage	34
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Signature *[Handwritten Signature]*

Tax
Discount
Total Charge