

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 449

Cell 785-324-1041

Date	11-15-17	Sec.		Twp.		Range		County	Barton	State	Ks	On Location		Finish	2:30 PM
Lease								Location							
Morgenstern								Russell + Barton CL., 2S to 210 Rd							
Well No.				1-12				Owner				1/2 E, 1/2 Int			
Contractor								To Quality Oilwell Cementing, Inc.							
Western Well Service								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							
Port Collar								American Oil							
Hole Size				T.D.				Street							
Csg				Depth				City				State			
5 1/2"															
Tbg. Size				Depth				City				State			
2 7/8"				893'											
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Port Collar				893'											
Cement Left in Csg.				Shoe Joint				Cement Amount Ordered							
								200 8 1/2 QMDC 1/4 Fl Seal							
Meas Line				Displace				Used 120							
				4 BUS				120 8 1/2 QMDC							
EQUIPMENT															
Pumptrk		18		No.		Cementer		Helper		Travis		Common			
Bulktrk		3		No.		Driver		Driver		Tony		Poz. Mix			
Bulktrk		P.U.		No.		Driver		Driver		Rick		Gel.			
JOB SERVICES & REMARKS												Calcium			
Remarks:												Hulls			
Rat Hole												Salt			
Mouse Hole												Flowseal 50 #			
Centralizers												Kot-Seal			
Baskets												Mud CLR 48			
D/V or Port Collar												CFL-117 or CD110 CAF 38			
Hw. Closed tool + test tool to												Sand			
800 #. Run 5 Jts + wash clean												Handling 200			
												Mileage			
FLOAT EQUIPMENT															
wash up + Rigged down												Guide Shoe			
Cement did Circulate												Centralizer			
												Baskets			
												AFU Inserts			
												Float Shoe			
												Latch Down			
												Pumptrk Charge			
												Mileage 20			
												port collar			
												Tax			
												Discount			
												Total Charge			
X Signature															

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No. 336

Date	Sec.	Twp.	Range	County	State	On Location	Finish
11-2-17	12	16	14	Barton	Ks		6:15 p.m.
				Location <u>Russell & Co Line 25 1/2 E Vinto</u>			
Lease <u>Morgan Stern</u>			Well No. <u>12</u>		Owner		
Contractor <u>Discovery #2</u>					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.		
Type Job <u>Production String</u>					Charge To <u>American Oil</u>		
Hole Size <u>7 7/8</u>		T.D. <u>3440</u>		Street			
Csg. <u>5 1/2 15.50"</u>		Depth <u>3439.73</u>		City			
Tbg. Size		Depth		State			
Tool <u>Port Collar</u>		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg. <u>16.77</u>		Shoe Joint <u>16.77</u>		Cement Amount Ordered <u>175 com 10 / Salt 5 / Gibsonite</u>			
Meas Line		Displace <u>8 1/2 BCL</u>		<u>1/4 FFO 500 gal mud clear</u>			
EQUIPMENT							
Pumptrk <u>18</u>	No.	Cementer <u>Eric</u>					
		Helper <u>Travis</u>					
Bulktrk	No.	Driver					
Bulktrk <u>14</u>	No.	Driver <u>Jordan</u>					
JOB SERVICES & REMARKS							
Remarks:				Common <u>175</u>			
Rat Hole <u>30SK</u>				Poz. Mix			
Mouse Hole <u>15SK</u>				Gel.			
Centralizers				Calcium			
Baskets				Hulls			
D/V or Port Collar				Salt <u>16</u>			
<u>5 1/2 @ 3439.73 - Bull @ 3422.96</u>				Flowseal			
<u>Est. Circulation - Pump 500 gal mud clear.</u>				Kol-Seal <u>800#</u>			
<u>Phy Ratholes made.</u>				Mud CLR 48 <u>500 gal</u>			
<u>Cement 5 1/2 with 130SK Clear</u>				CFL-117 or CD110 CAP 38			
<u>Line sq Displace Phg.</u>				Sand			
<u>Lift pressure 700#</u>				Handling <u>199</u>			
<u>Phg landed @ 1500#</u>				Mileage			
FLOAT EQUIPMENT 5 1/2							
				Guide Shoe <u>Port Collar</u>			
				Centralizer <u>7</u>			
				Baskets <u>21</u>			
				AFU Inserts			
				Float Shoe <u>1</u>			
				Latch Down <u>1</u>			
				<u>1 Limit Clamp</u>			
				Pumptrk Charge <u>prod string</u>			
				Mileage <u>20</u>			
				Tax			
				Discount			
				Total Charge			
X Signature <u>Ann Weaving</u>							