

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. 1173

Date	8-12-15	Sec.	17	Twp.	8	Range	16	County	Rooks	State	KS	On Location		Finish	1:00 Pm
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Location Natoma w to 26 Rd N to PRD 1E N into

Lease	<u>townley</u>	Well No.	<u>1-17</u>	Owner	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.	
Contractor	<u>Maverick</u>				Charge To	<u>Mikol oil</u>
Type Job	<u>Port collar</u>				Street	
Hole Size		T.D.		City	State	
Csg.	<u>6 1/2</u>	Depth		The above was done to satisfaction and supervision of owner agent or contractor.		
Tbg. Size	<u>2</u>	Depth	<u>1218</u>	Cement Amount Ordered	<u>250 80/20 Qm De 1/4" Flw</u>	
Tool	<u>Port collar</u>	Depth	<u>1218</u>	Shoe Joint		
Cement Left in Csg.		Displace	<u>3 1/4</u>	used	<u>230</u>	

EQUIPMENT				Common
Pumptrk	<u>5</u>	No.	Cementor Helper	Poz. Mix
Bulktrk	<u>9</u>	No.	Driver	Gel.
Bulktrk	<u>Pu</u>	No.	Driver	Calcium

JOB SERVICES & REMARKS

Remarks:

Rat Hole

Mouse Hole

Centralizers

Baskets

D/V or Port Collar

Pressure tool to stops. open tool. Pump 230 s/s and Displace w 3 1/2 bbls water, cement did circulate.

Close tool pressure to stops. Ran 5 joints washed clean

FLOAT EQUIPMENT	
Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	<u>port collar 736</u>	Tax	
Mileage	<u>42</u>	Discount	
Signature <u>Ann W...</u>		Total Charge	

JOB LOG

SWIFT Services, Inc.

DATE 9-5-15 PAGE NO.

CUSTOMER Mikol Oil WELL NO. #1-17 LEASE TOWNLEY JOB TYPE LONG STRING TICKET NO. 28721

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1230							ON LOCATION
								5 1/2 x 15.5 lbs
								RTD - 3485
								LTD - 3482
								CENT - 1, 3, 5, 8, 11, 54
								BASKETS - 1, 55
								Port Collar - Top of 55
								SHOE - 43' @ 3442
	145							START CSG / FLOAT EQUIP
	315							BREAK CIRC ON BOTTOM
	345	2.5						PLUG RAT & MOUSE HOLE
								RAT - 30 SKS MOUSE - 15 SKS
	350	5	12				300	PUMP MUDFLUSH
		5	20				300	PUMP KCL WATER
	355	5	0				300	START CMT
	405	5	34				0	END CMT
								WASH P&L
	410	5.5	0				0	START DISP
		5.5	60				300	CATCH CMT
	430	5.5	82				600	DISP LAND PLUG
								LIFT PSI - 600 LAND PSI - 1400
								THANKS
								DAVID, AUSTIN, & TYLER