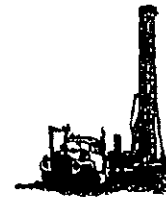


LEIS OIL SERVICES

1410 150th Rd. • Yates Center, Kansas 66783 • (620) 212-0752



Operator License #: 33640	API #: 15-059-27137-00-00
Operator: Haas Petroleum, LLC	Lease: Ferrell
Address: 10551 Barkley St. Ste 307, OP KS 66211	Well #: 9i-HP
Phone: (913) 207-0257	Spud Date: 2-20-17 Completed: 2-21-17
Contractor License: 34036	Location: NE-NE-SE-NW of 18-18-21E
T.D. : 692 T.D. of Pipe: 686 Size: 2.875"	1360 Feet From North
Surface Pipe Size: 7" Depth: 22'	2510 Feet From West
Kind of Well: Enc. Rec.	County: Franklin

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
11	Lime	0	11	5	Broken Sand	645	650
32	Shale	11	43	42	Shale	650	692
45	Lime	43	88				
65	Shale	88	153				
21	Lime	153	174				
19	Shale	174	193				
8	Lime	193	201				
43	Shale	201	244				
13	Lime	244	257				
10	Shale	257	267				
12	Lime	267	279				
2	Shale	279	281				
14	Lime	281	295				
7	Shale/Black Shale	295	302				
23	Lime	302	325				
3	Black Shale	325	328		T.D.		692
12	Lime	328	340		T.D. of Pipe		686
163	Shale	340	503				
9	Lime	503	512				
50	Shale	512	562				
10	Lime	562	572				
15	Shale	572	587				
3	Lime	587	590				
16	Shale	590	606				
21	Lime	606	627				
3	Shale	627	630				
1	Lime	630	631				
4	Shale	631	635				
10	Oil Sand	635	645				



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER **50403**
LOCATION **Ottawa KS**
FOREMAN **Fred Maden**

Invoice #809653

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-21-17	3451	Ferrall # 95	NW 12	15	21	FR
CUSTOMER Haas Petroleum						
MAILING ADDRESS 10551 Barkley St						
CITY Overland Park	STATE KS	ZIP CODE 66212				
			TRUCK #	DRIVER	TRUCK #	DRIVER
			712	Fred Mad		
			495	Howe Bac		
			675	Kidax		
			804	Armed		

JOB TYPE Long String HOLE SIZE 5 7/8 HOLE DEPTH 695' CASING SIZE & WEIGHT 2 3/4 EUE
CASING DEPTH 687' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug
DISPLACEMENT 488L DISPLACEMENT PSI _____ MIX PSI _____ RATE 480m

REMARKS: No H Safety mixing. Establish Circulation. Mix Pump 100' Gel
Flush. Mix Pump 94' sks Por Blend I A Cement 2 3/4" Gel Cement
to surface. Flush pump & lines clean. Displace 2 3/4" Rubber
plug to casing TD. Pressure to 800' PSI. Monitor Pressure
For 30 Min MIT. Release pressure to set float Valve.
Shut in Casing.

Leis Drilling.

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE 0450	1	PUMP CHARGE	495	1500.00
CE 0002	1.5 mi	MILEAGE	N/A	
CE 0791	1/2 Mile	Ten Miles Delivery	804	320.00
CE 0852	1 1/2 hr	80 BBL Vac Truck	675	150.00
		Sub Total		1960.00
		less 55%		891.00
1149	94' sks	Por Blend I A Cement	1262.00	
CE 5965	277#	Brustelite Gel	63.10	
CP 8176	1	2 3/4" Rubber Plug	45.00	
		Sub Total		1397.10
		less 55%		628.20
		8%		
		SALES TAX		50.20
		ESTIMATED TOTAL		1570.00
				(3461.57)

Ravin 3737

AUTHORIZATION _____

TITLE _____

DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.