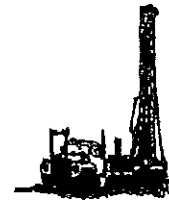


LEIS OIL SERVICES

1410 150th Rd. • Yates Center, Kansas 66783 • (820) 212-0752



Operator License #: 33640	API #: 15-059-27148-00-00
Operator: Haas Petroleum, LLC	Lease: Ferrell
Address: 10551 Barkley St. Ste 307, OP KS 66211	Well #: 11I-HP
Phone: (913) 207-0257	Spud Date: 2-14-17 Completed: 2-15-17
Contractor License: 34036	Location: SE-SW-NW-NE of 18-18-21E
T.D. : 693 T.D. of Pipe: 687 Size: 2.875"	1280 Feet From North
Surface Pipe Size: 7" Depth: 22'	3190 Feet From West
Kind of Well: Enc. Rec.	County: Franklin

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
3	Lime	0	3				
23	Shale	3	26				
51	Lime	26	77				
64	Shale	77	141				
20	Lime	141	161				
19	Shale	161	180				
10	Lime	180	190				
41	Shale	190	231				
17	Lime	231	248				
9	Shale	248	257				
29	Lime	257	286				
7	Shale/Black Shale	286	293				
22	Lime	293	315				
5	Shale/Black Shale	315	320				
12	Lime	320	332				
163	Shale	332	495				
12	Lime	495	507		T.D.		693
49	Shale	507	556		T.D. of Pipe		687
5	Lime	556	561				
14	Shale	561	575				
3	Lime	575	578				
35	Shale	578	613				
3	Lime	613	616				
2	Black Shale	616	618				
7	Shale	618	625				
10	Oil Sand	625	635				
6	Broken Oil Sand	635	641				
42	Shale	641	693				



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 50399
LOCATION Ottawa KS
FOREMAN Fred Maden

Invoice # 809639

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-16-17	3451	Ferrall # 11 I-HP	NW 28	18	21	FR
CUSTOMER			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE			TRUCK #			
			DRIVER			

Naas Petroleum
10551 Barkley St. 307
Overland Park KS 66212

JOB TYPE Longstring HOLE SIZE 5 7/8 HOLE DEPTH 693 CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 666 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT In CASING 2 1/2" Plug
DISPLACEMENT 4 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.3 PM

REMARKS: Hold safety meeting. Establish circulation. Mix Pump 100*
Gel Flush. Mix & Pump 98 SKS Por Blend IA Cement 7% G.O.
Cement to surface. Flush pump & lines clean. Displace 2 1/2"
Rubber Plug to casing TD. Pressure to 800* PSI. Monitor
Pressure for 30 min MIT. Release pressure to set
float valve. Shut in casing.

Let's Drilling

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	495	1500.00
CE0002		MILEAGE		N/C
CE07U	Minimum	Ten Miles Delivery	804	332.00
WF0653	1 1/2 hr	80 BBL Vac Truck	675	150.00
		Sub Total		1980.00
		Less 55%		891.00
CC5840	98 SKS	Por Blend IA Cement		1323.00
CC5965	265 #	Bentonite Gel		79.50
CP8176	1	2 1/2" Rubber Plug		125.00
		Sub Total		1447.50
		Less 55%		651.38
		8%	SALES TAX	52.11
			ESTIMATED TOTAL	1594.49

AUTHORIZATION _____ TITLE _____ DATE 354330

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.