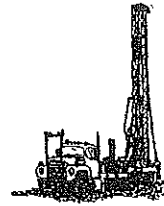


LEIS OIL SERVICES

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



Operator License #: 33640	API #: 15-003-26571-00-00
Operator: Haas Petroleum, LLC	Lease: Sprague
Address: 10551 Barkley St. Ste 307, OP KS 66211	Well #: 1-HP
Phone: (913) 207-0257	Spud Date: 3-20-17 Completed: 3-22-17
Contractor License: 34036	Location: NE-NE-NW-NE of 9-23-19E
T.D. : 783 T.D. of Pipe: 780 Size: 2.875"	220 Feet From North
Surface Pipe Size: 7" Depth: 22'	1640 Feet From East
Kind of Well: Oil	County: Anderson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
12	Soil/Clay/Sand	0	12	4	Black Shale	693	697
87	Shale	12	99	23	Shale	697	720
38	Lime	99	137	2	Broken Oil Sand	720	722
71	Shale	137	208	8	Oil Sand	722	730
62	Lime	208	270	6	Broken Oil Sand	730	736
6	Shale/Black Shale	270	276	47	Shale	736	783
18	Lime	276	294				
4	Shale/Black Shale	294	298				
22	Lime	298	320				
133	Shale	320	453				
3	Lime	453	456				
36	Shale	456	492				
6	Lime	492	498				
18	Shale	498	516				
14	Lime	516	530				
63	Shale	530	593		T.D.		783
10	Lime	593	603		T.D. of Pipe		780
16	Shale	603	619				
3	Lime	619	622				
2	Black Shale	622	624				
19	Shale	624	643				
9	Lime	643	652				
18	Shale	652	670				
4	Lime	670	674				
4	Shale	674	678				
4	Black Shale	678	682				
5	Shale	682	687				
3	Black Shale	687	690				
3	Shale	690	693				



CONSOLIDATED
Oil Well Services, LLC

7837 / 1135

TICKET NUMBER 50433

LOCATION Ottawa KS

FOREMAN Fred Madar

PO Box 880, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

INVOICE # 809913

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-22-17	3451	Sprague # 1 HP	NE 9	23	19	AN
CUSTOMER <u>Moas Petroleum</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>10551 Barkley Ste 307</u>			<u>712</u>	<u>Fred Madar</u>		
CITY <u>Overland Park</u>			<u>467</u>	<u>Leis Car</u>		
STATE <u>KS</u>			<u>675</u>	<u>Leis Det</u>		
ZIP CODE <u>66212</u>			<u>804</u>	<u>Al Madar</u>		

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 780' CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 778' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug
 DISPLACEMENT 4.52 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.8 PPM

REMARKS: Hold Safety meeting. Establish Circulation. Mix + Pump
100' Gel Fldsh. Mix + Pump 105 SKs Por Blend IA Cement
2 7/8" Oul. Cement to Surface Flush pump & lines clean. Displace
2 1/2" Rubber plug to casing TD. Circulation returns stopped
with plug app 200' down. No increased pressures. Circulation resumed
when plug @ TD. Rig back up & fill well from Top w/ Cement
25 extra Sacks Cement.

Leis Well Services

Fred Madar

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	467 1500 ⁰⁰	
CE0002	25 mi	MILEAGE	467 1787 ⁵⁰	
CE0711	Minimum	Ten Miles Delivery	804 660 ⁰⁰	
WE0853	2 hrs	80 BBL Vac Truck	675 200 ⁰⁰	
		Sub Total	2538 ²⁵	
		Less 50%		1269 ¹²
11889 CC5840	130 SKS	Por Blend IA Cement	1755 ⁰⁰	
CC5965	319 ⁰⁰	Bentonite Gel	952 ⁰⁰	
CP8176	1	2 1/2" Rubber Plug	45 ⁰⁰	
		Sub Total	1895 ²⁰	
		Less 50%		947 ⁶⁰
		6%		75 ⁶³
		SALES TAX		75 ⁶³
		ESTIMATED TOTAL		2293 ⁰⁰
		TOTAL		4586 ¹¹

Ravin 3737

AUTHORIZATION _____ TITLE _____ DATE 4586¹¹

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.