

Miami County, KS
Well: Miewes 5-HP
Lease Owner: Haas Petro

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
06/13/2014

WELL LOG

Thickness of Strata	Formation	Total Depth
4	soil/clay/rock	4
4	lime	8
102	shale	110
40	lime	150
29	sandy shale and sand	179
4	sandy shale and sand	183
2	shale and coal	185
3	shale	188
2	lime and shale	190
3	lime	193
5	shale	198
11	lime	209
13	shale	222
59	lime	281
4	shale	285
28	lime	313
4	shale	317
7	lime	324
2	shale	326
11	lime	337
5	shale	342
9	lime	351
2	shale	353
3	sand	356
3	sandy shale	359
3	shale	362
22	sand and sandy shale	384
22	sandy shale	406
73	shale	479
4	sand	483
5	sandy shale	488
30	shale	518
12	shale and lime	530
12	shale	542
11	lime	553
11	shale	564
18	sand	582
2	shale and coal	584
13	sandy shale	597
20	shale	617



CONSOLIDATED
Oil Well Services, LLC

268933

TICKET NUMBER 47336

LOCATION Ottawa KS

FOREMAN Fred Madar

PO Box 984, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-17-14	3451	Microwes # 5-HP	NE 8	24	19	AL

CUSTOMER
Haas Petroleum

MAILING ADDRESS
11551 Ash St. Ste 205

CITY Leawood STATE KS ZIP CODE 66211

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Mad		
495	Har Bar		
369	Mik Haa		
548	Bre Man		

JOB TYPE Long Strin HOLE SIZE 5 7/8 HOLE DEPTH 1018 CASING SIZE & WEIGHT 2 7/8 EUE

CASING DEPTH 1015.25 DRILL PIPE _____ TUBING _____ OTHER _____

SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug

DISPLACEMENT 5.913BL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5.3 P/M

REMARKS: Hold crew safety meeting. Establish pump rate. Mix & Pump 100# Gel Flush. Mix & Pump 545 OWC Cement 44# Flo Seal/sk. Cement to surface. Flush pump & lines clean. Displace 2 1/2" Rubber plug to casing TD. Pressure to 500# PSI. Release pressure to set float valve. Shut in casing.

TOS Drilling. Chad Weaver

Fred Madar

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085.00
5406	50 Miles	MILEAGE	495	210.00
5402	1015.25	Casing Footage		N/C
5407	Minimum	Ton Miles	548	368.00
5502C	2 1/2 hrs	50 BBL Vac Truck	369	250.00
1126	102 SKS	OWC Cement	20.1450	2054.83
1115B	100#	Premium Gel	2.20	220.00
1107	26#	Flo Seal	64.23	1670.00
		Material	2180.00	
		Less 30%	-630.00	
		Total		1470.50
4402	1	2 1/2" Rubber Plug		29.50
			4200.85	

SALES TAX ESTIMATED TOTAL 110.99

TOTAL 3523.99

AUTHORIZATION TITLE _____ DATE _____

completed 7/4/14

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.