

HAT DRILLING
12371 KS HWY 7
MOUND CITY, KS 66056
LICENSE # 33734

Ayres #I-2
API # 15-121-29722-00-00
SPUD DATE 12-02-13

Footage	Formation	Thickness	Set 23' of 7"
2	Topsoil	2	TD 440'
7	clay	5	Ran 436' of 2 7/8 on 12-03-13
21	lime	14	
72	shale	51	
89	lime	17	
98	shale	9	
124	lime	26	
133	shale	9	
175	lime	42	
204	shale	29	
205	sand	1	little bleed
324	shale	119	
329	sand no oil	5	
337	shale	8	75% sand, 25% shale, little odor
344	sand	7	85% sand, 15% shale, little bleed
347	shale	3	
351	sand	4	95% sand, 5% shale, good bleed
371	shale	20	
378	lime	7	
440	shale	62	



CONSOLIDATED
Oil Well Services, LLC

264542

TICKET NUMBER 44911

LOCATION Ottawa KS

FOREMAN Fred Maden

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12.3.13	8553	Ayres # I-2	NE 19	17 38	23	MI
CUSTOMER Vast Petroleum of Kansas LLC			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 10939 N. Alpine Hwy			712	Fred Mad		
CITY Highland			495	Har Bcc		
STATE UT			369	Joe Rtc		
ZIP CODE 89003			510	Sam Toc		

JOB TYPE long string HOLE SIZE _____ HOLE DEPTH 440 CASING SIZE & WEIGHT 2 7/8 EOE
 CASING DEPTH 436 DRILL PIPE Baffle in TUBING @ 406 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 30' + Plug
 DISPLACEMENT 2.36 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish circulation. Mix + Pump 100# Gal Flush. Mix + Pump 80 sks 50/50 Poz Mix Cement 2 7/8 Gal 2% Calcium Chloride + 1/4" Flo Seal/sk. Cement to Surface. Flush. Pump + lines clean. Displace 2 1/2" Rubber plug to Baffle in casing. Pressure to 600 # PSI. Hold + Monitor pressure for 30 min MIT. Release pressure to set float valve. Shut in casing.

Hot Drilling

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1080 ⁰⁰
5406	30 mi	MILEAGE	495	126 ⁰⁰
5402	436	Casing footage		N/C
5407	Minimum	Ton Miles	510	368 ⁰⁰
5502C	2 hrs	80 BBL Vac Truck	369	180 ⁰⁰
1124	80 SKS	50/50 Poz Mix Cement		920 ⁰⁰
1118B	235 [#]	Premium Gel		512 ⁰⁰
1102	135 [#]	Calcium Chloride		105 ³⁰
4402	1	2 1/2" Rubber Plug		29 ⁵⁰
			7.65	SALES TAX
				ESTIMATED
				TOTAL
				84 ⁶⁶
				2950 ¹⁶

Revin 3737

AUTHORIZATION Scott Day

TITLE Pumper

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