

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

Richardson #V-10
 API # 15-121-30097-00-00
 SPUD DATE 05-01-14

Footage	Formation	Thickness	Set 21' of 8 5/8" TD 555'
8	lime	8	
26	shale	18	Ran 547' of 4 1/2 on 05-02-14
36	lime	10	
75	shale	39	
94	lime	19	
110	shale	16	
130	lime	20	
144	shale	14	
160	lime	16	
165	shale	5	
178	lime	13	
317	shale	139	
362	lime	45	
401	shale	39	
405	lime	4	
420	shale	15	
424	lime	4	
439	shale	15	
448	lime	9	
470	shale	22	
474	lime	4	
480	white mucky shale	6	
485	sand, shale	5	excellent bleed and odor, 65% sand, 5' – 6' of sand
555	shale	70	



CONSOLIDATED
Oil Well Services, LLC

267844

TICKET NUMBER 47152

LOCATION Ottawa KS

FOREMAN Fred Mader

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
5-2-14	8553	Richardson # V-76	23	18	21	m1

CUSTOMER
VAST Petroleum of KS LLC

MAILING ADDRESS
10939 N. Alpine Highway

CITY
Highland STATE
UT ZIP CODE
84003

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Mad		
495	Har Bec		
370	Jas Ric		
548	Max Coc		

JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 555 CASING SIZE & WEIGHT 4 1/2" EUE

CASING DEPTH 547 DRILL PIPE Baffle in tubing @ 515' OTHER _____

SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 4" Plug

DISPLACEMENT 8.17 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Hold crew safety meeting. Establish circulation. Mix & Pump 100# Gel Flush. Pump 4 BBLs Teal dye. Mix & Pump 5ks OWC w/ 4" Flo Seal/SR. ~~Cement~~ Flush pump & lines clean. Displace 4" Rubber plug to casing TD. Pressure to 600# PSI. Release pressure to set float valve. Shut in casing.

Hot Drilling

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	-	MILEAGE	495	1085.00 ✓
5402	547	Casing footage		N/C ✓
5407	1/2 Minimum	Ton Miles	548	184.00 ✓
5502c	1 1/2 hr	80 BBL Vac Truck	370	150.00 ✓
1126	78 stks	OWC Cement	1540.50	✓
1118B	100#	Premium Gel	22.00	✓
1107	20#	Flo Seal	49.40	✓
		Material	1611.90	
		less 30%	463.51	✓
		Total Material		1128.39
4402	1	4 1/2" Rubber Plug		47.35 ✓
			3205.07	
			7.65%	SALES TAX 245.83 ✓
				ESTIMATED TOTAL 2684.51 ✓

Ravin 3737

AUTHORIZATION VAST AP

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 for