

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

Schuknecht #V-2
API # 15-121-29823-00-00
SPUD DATE 1-17-14

Footage	Formation	Thickness	Set 21' of 8 5/8'
2	Topsoil	2	TD 425'
14	clay	12	Ran 417' of 4 1/2 on 1-20-14
17	shale	3	
25	lime	8	
36	shale	11	
52	lime	16	
61	shale	9	
63	lime	2	
102	shale	39	
117	lime	15	
128	shale	11	
204	lime	76	
325	shale	121	
326	sandy/shale	1	odor
332	sand	6	odor, little bleed, 60% sand
381	shale	49	
411	sandy/shale	30	
417	lime	6	
425	shale	8	

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 42578

LOCATION Ottawa RS

FOREMAN Fred Mader

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-20-14	8553	Schutknecht # V-2	NE 20	17	23	M
CUSTOMER VAST Petroleum of KS LLC						
MAILING ADDRESS 10939 N. Alpine Hwy						
CITY Highland	STATE KS	ZIP CODE 64003	TRUCK #	DRIVER	TRUCK #	DRIVER
			212	Fremad		
			455	Har Bec		
			370	Ko: Car		
			510	Mik Hage		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 425 Casing 4 1/2"
CASING DEPTH 4170 DRILL PIPE Baffle in TOBING 2 @ 386 OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 31' + Phy
DISPLACEMENT 1213 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM
REMARKS: Hold crew safely meeting. Establish circulation. Mix + Pump 100#
Gel flush. ~~20~~ Pump 210 BBL Tell tale dye. Follow w/ 70 SKS
50/50 Poz Mix Cement 220 Gel 2% Calcium Chloride. 1/4" K10 Seal/sk.
Flush pump & lines clean. Displace 4 1/2' Rubber plug to Baffle in
casing. Pressure to 600# PSI. Release pressure to set float
value. Shut in casing.

Hat Drilling

Lucy Maden

[illegible]

Revd. 3737

AUTHORIZATION

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 form.