

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

Schuknecht #V-3  
API # 15-121-29824-00-00  
SPUD DATE 1-16-14

Footage	Formation	Thickness	Set 21' of 8 5/8' TD 425' Ran 417' of 4 1/2 on 1-17-14
2	Topsoil	2	
9	clay	7	
29	shale	20	
61	lime	32	
71	shale	10	
76	lime	5	
110	shale	34	
126	lime	16	
137	shale	11	
166	lime	29	
172	shale	6	
199	lime	27	
205	shale	6	
214	lime	9	
334	shale	120	
337	oil sand/shale	3	good odor, little show
339	oil sand	2	good odor, good show
342	sand/shale	3	
377	shale	35	
391	lime	14	
425	shale	34	



**CONSOLIDATED**  
Oil Well Services, LLC

265496

TICKET NUMBER 42576

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
1-17-14	8553	Schuettknecht #V-3	NE 20	17	23	M1
CUSTOMER VAST Petroleum of KS LLC			TRUCK #			
MAILING ADDRESS 10939 N Alpine Hiway			DRIVER			
CITY Highland			TRUCK #			
STATE UT			DRIVER			
ZIP/PO CODE 84003			TRUCK #			
			DRIVER			

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 425 CASING SIZE & WEIGHT 4 1/2  
 CASING DEPTH 416 DRILL PIPE Baffle in casing @ 385' OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 31' + Plug  
 DISPLACEMENT 6.1 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Hold crew meeting. Establish circulation. Mix + Pump 100# Gel Flush.  
Pump 2.5 BBL Tell tale dye. Follow w/ 80 SKS 50/50  
Per Mix Cement 2% Gel 2% Calcium Chloride. 14# Flo 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 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	495	1085 <sup>00</sup>
5406	30 mi	MILEAGE	495	1485 <sup>00</sup>
5402	416	Casing footage		N/C
5407	Minimum	Ton Miles	570	368 <sup>00</sup>
5502C	2hrs	80 BBL Vac Truck	370	180 <sup>00</sup>
1124	80 SKS	50/50 Per Mix Cement		920 <sup>00</sup>
1183	235*	Premium Gel		517 <sup>00</sup>
1102	135*	Calcium Chloride		105 <sup>30</sup>
1107	20*	Flo Seal		49 <sup>40</sup>
4404	1	4 1/2" Rubber Plug		47 <sup>25</sup>
			7.65%	SALES TAX
				ESTIMATED
				TOTAL
				3022 <sup>44</sup>

Rawin 3737

AUTHORIZATION Job by phone 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.