

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

Richardson #V-3
API # 15-121-30096-00-00
SPUD DATE 05-06-14

Footage	Formation	Thickness	Set 21.65' of 8 5/8"
3	Topsoil	3	TD 585'
7	shale	4	Ran 579' of 4 1/2 on 05-07-14
27	lime	20	
48	shale	21	
54	lime	6	
97	shale	43	
157	lime	60	
163	shale	6	
185	lime	22	
189	shale	4	
203	lime	14	
334	shale	131	
369	lime	35	
372	shale	3	
377	lime	5	
380	shale	3	
386	sand	6	good odor, no bleed
418	shale	32	
425	lime	7	
437	shale	12	
444	lime	7	
454	shale	10	
463	lime	9	
465	sand	2	
484	shale	19	
490	lime	6	
496	shale	6	
498	sand	2	show oil, good odor, little bleed
501	shale	3	
504	sand	3	show oil, good bleed, strong odor
585	shale	81	



CONSOLIDATED
Oil Well Services, LLC

268010

TICKET NUMBER 47170

LOCATION Ottawa, KS

FOREMAN Cassey Kennedy

PO Box 884, Chanute, KS 66720
620-431-2210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/7/14	8553	Richardson #U-3	SE 23	18	21	M1

CUSTOMER
Vast Petroleum of Kansas LLC
MAILING ADDRESS
10939 N. Alpine Hwy Suite 510
CITY
Highland STATE
UT ZIP CODE
84003

TRUCK #	DRIVER	TRUCK #	DRIVER
729	Carken	✓	Safety Meeting
6060	Carken	✓	
510	Ar/McD	✓	
675	Keidet	✓	

JOB TYPE long string HOLE SIZE 6 3/4" HOLE DEPTH 585' CASING SIZE & WEIGHT 4 1/2"
CASING DEPTH 579' DRILL PIPE _____ TUBING baffle - 547' OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 32'
DISPLACEMENT 8.72 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200 # Premium Gel followed by 10 bbls fresh water, mixed & pumped 4 bbls dye marker, mixed & pumped 100 sts 5950 Pozmix cement w/ 2% gel, 2% Calcium Chloride, & 1/4 # Floeal per st, dye marker to surface, pushed pump clean, pumped 4 1/2" rubber plug to baffle w/ 8.72 bbls fresh water, pressured to 200 PSI, cement to surface, released pressure, shut in casing.

Handwritten signature/initials

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	on lease	MILEAGE		1085.00 ✓
5402	579'	casing footage		
5407	1/2 minimum	ton mileage		184.00 ✓
5502C	1.5 hrs	80 Vac		150.00 ✓
1124	100 sts	5950 Pozmix cement	1150.00 ✓	
1118B	368 #	Premium Gel	80.96 ✓	
1102	168 #	Calcium Chloride	131.04 ✓	
1107	25 #	Floeal	61.75 ✓	
		materials	1423.75 ✓	
		-30%	427.13 ✓	
		subtotal		996.62 ✓
4404	1	4 1/2" rubber plug		47.25 ✓
			3002.52	

SALES TAX 7.65% 79.84 ✓
ESTIMATED TOTAL 2542.71 ✓

AUTHORIZATION No Co Rep on location 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 fr