

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

Richardson #V-11  
API # 15-121-30098-00-00  
SPUD DATE 05-02-14

Footage	Formation	Thickness	Set 20' of 8 5/8"
2	topsoil	2	TD 585'
9	clay	7	Ran 580' of 4 1/2 on 05-05-14
24	lime	15	
35	shale	11	
38	lime	3	
47	shale	9	
56	lime	9	
97	shale	41	
111	lime	14	
119	shale	8	
147	lime	28	
159	shale	12	
178	lime	19	
183	shale	5	
195	lime	12	
361	shale	166	
365	lime	4	
489	shale	124	
492	oil sand	3	slight odor, little bleed
498	shale	6	
502	oil sand	4	good odor, good bleed
585	shale	83	



**CONSOLIDATED**  
Oil Well Services, LLC

267981

TICKET NUMBER 47107  
LOCATION Ottawa, KS  
FOREMAN Casey Kennedy

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
5/5/14	8553	Richardson # V-11	SE 23	18	21	MI

CUSTOMER  
West Petroleum of Kansas LLC

MAILING ADDRESS  
10939 N. Alpine Hwy Suite 510

CITY  
Highland STATE  
UT ZIP CODE  
84003

TRUCK #	DRIVER	TRUCK #	DRIVER
729	Carlen	✓	Safety Meeting
666	Garbo	✓	
558	MatCoc	✓	
675	KeiDot	✓	

JOB TYPE long string HOLE SIZE 10 3/4" HOLE DEPTH 585' CASING SIZE & WEIGHT 4 1/2"

CASING DEPTH 580' DRILL PIPE running baffle - 548' OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 30'

DISPLACEMENT 8.74 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 300 # 50/50 Pozmix cement w/ 2% dye marker, mixed + pumped 107 sks 50/50 Pozmix cement w/ 2% gel, 2% Calcium Chloride + 1/4 # Floseal per sk, dye marker to surface, pushed pump clean, pumped 4 1/2" rubber plug to baffle w/ 8.74 bbls fresh water, cement to surface, pressured to 800 PSI, released pressure, shut in casing.

*[Handwritten signature]*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	20 mi	MILEAGE		1085.00 ✓
5402	580'	casing footage		84.00 ✓
5407	minimum	ten mileage		
5502C	2 hrs	80 Vac		368.00 ✓
				200.00 ✓
1124	107 sks	50/50 Pozmix cement	1230.50	
1118B	380 #	Premium Gel	83.60	
1102	180 #	Calcium Chloride	.78 140.40	
1107	27 #	Floseal	66.69	
		materials - 30%	1521.19	
		subtotal	456.36	
4404	1	4 1/2" rubber plug		1064.83 ✓
				47.25 ✓
				3425.40
		7.65%	SALES TAX	85.09 ✓
			ESTIMATED TOTAL	2934.15 ✓

Ravin 3737

AUTHORIZATION [Signature] TITLE ENR 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