

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

Werts #7  
API # 15-045-22207-00-00  
SPUD DATE 05-12-14

Footage	Formation	Thickness	Set 40' of 7"
2	topsoil	2	TD 825'
8	sandy clay	6	Ran 820' of 2 7/8 on 05-13-14
16	clay	8	
113	shale	97	
145	lime	32	
152	shale	7	
159	lime	7	
170	shale	11	
190	lime	20	
194	red bed	4	
215	shale	21	
236	lime	21	
290	shale	54	
327	lime	37	
346	shale	19	
360	lime	14	
382	shale	22	
463	lime	81	
469	shale	6	
473	lime	4	
610	shale	137	hertha
616	red bed	6	
618	shale	2	
622	lime	4	
638	shale	16	
652	lime	14	
737	shale	85	
744	oil sand	7	good odor, good show
825	shale	81	



**CONSOLIDATED**  
Oil Well Services, LLC

268172

TICKET NUMBER 47227

LOCATION Ottawa KS

FOREMAN Fred Madar

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
5-13-14	5700	Wertz # 7	Sw 6	14	21	OG

  

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Mad		
495	Har Bec		
369	Mik Haa		
558	Max Cac		

CUSTOMER  
Magnem Exploration KS LLC

MAILING ADDRESS  
8768 County Rd 262

CITY  
Clyde STATE  
Tx ZIP CODE  
79510

JOB TYPE Longstring HOLE SIZE 5 7/8 HOLE DEPTH 825' CASING SIZE & WEIGHT 2 7/8 EUE

CASING DEPTH 820' DRILL PIPE Baffle TUBING 789' OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 3' x Plug

DISPLACEMENT 4.55 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish circulation. Mix Pump 100# Gal Fluid. Mix & Pump 145 sks 50/50 pro mix Cement 2% Gal 2% Calcium Chloride 4# Flo Seal/sk. Cement to surface. Flush pump & lines clean. Displace 2 1/2" Rubber Plug to Baffle in casing. Pressure to 800# PSI. Release pressure to set float valve. Shut in Casing

Max Drilling.

Fred Madar

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	30 mi	MILEAGE	495	1085 <sup>00</sup>
5402	820	Casing footage	495	126 <sup>00</sup>
5407	Minimum	Ten Miles		N/C
5502C	2 hrs	80 BBL Vac Truck	558	368 <sup>00</sup>
			369	200 <sup>00</sup>
1124	145 sks	50/50 Pro Mix Cement		
1118B	344#	Premium Gal	1667 <sup>50</sup>	
1102	244#	Calcium Chloride	75 <sup>60</sup>	
1107	32#	Flo Seal	190 <sup>22</sup>	
		Material	91 <sup>39</sup>	
		less 30%	2024 <sup>69</sup>	
		Total	- 607 <sup>47</sup>	
4402	1	2 1/2" Rubber Plug		1417 <sup>42</sup>
				29 <sup>50</sup>

Ravin 3737

AUTHORIZATION

*[Signature]*

TITLE

Eng

3980.26  
7.1570 SALES TAX  
ESTIMATED TOTAL 103<sup>40</sup>  
3329<sup>38</sup>  
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.