



**CONSOLIDATED**  
Oil Well Services, LLC

267258

TICKET NUMBER 47031

LOCATION Ottawa KS

FOREMAN Fred Maden

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
4-7-14	3372	Richards #12.5	SE 18	17	22	CF
CUSTOMER Grand Mesa			TRUCK #			
MAILING ADDRESS 1700 N Waterfront Pkwy			DRIVER			
CITY Wichita			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 67206			TRUCK #			
			DRIVER			

JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 1142 CASING SIZE & WEIGHT 2 1/2 EUE  
 CASING DEPTH 1137 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Plug  
 DISPLACEMENT 10.6 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 58 BPM

REMARKS: Hold safety meeting. Establish pump rate. Mix + Pump 100# Gel Flush  
 Mix + Pump @ 220 S/R 50/50 Perm Mix Cement 2% Gel 5% Salt 5# Kel  
 Seal/sk. Cement to surface. Flush pump + lines clean. Displace  
 2 1/2" Rubber plug to casing TD. Pressure to 800# PSI. Release  
 pressure to set float valve. Shut in casing.

McGowan Drilling - Call.

*Fred Maden*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	-	MILEAGE		
5402	1137	Casing footage		
5407A	46 @ .35	Ton Miles	548	
5502C	3 hrs	80 BBL Vac Truck	675	
1124	220 SKS	50/50 Perm Mix Cement	2530	
115B	470#	Premix Gel	10340	
1111	425#	Granulated Salt	16525	
1110A	1100#	Kel Seal	50600	
		Material less 30%	32050	
		Total Material	92125	231360
4402	1	2 1/2" Rubber Plug		2930
			557362	
			630	
			SALES TAX	14410
			ESTIMATED TOTAL	452129

Ravin 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.



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TICKET NUMBER 58423  
FIELD TICKET REF # 49229  
LOCATION Thayer  
FOREMAN Gary Wilhel

**TREATMENT REPORT  
FRAC & ACID**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-22-14	3372	Richards # 12-5	18	22	17	CF
CUSTOMER <u>Grand Mesa</u>			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY		STATE	ZIP CODE	TRUCK #		
			DRIVER			
			524 <u>Tramps</u>			
			458 <u>Tim</u>			
			521 <u>Eric</u>			
			735/T 91 <u>George</u>			

**WELL DATA**

CASING SIZE	TOTAL DEPTH
CASING WEIGHT	PLUG DEPTH
TUBING SIZE	PACKER DEPTH
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
1014-22	(22)

40sls-

**TYPE OF TREATMENT**  
Acid Spot / Fracture

**CHEMICALS**

<u>City Water</u>	<u>75 15% HCL Acid</u>
<u>KCl Sol.</u>	<u>Publ. L.</u>
<u>20% Gel/Breaker</u>	<u>Stamflo</u>
<u>Biocide, Stamflo</u>	

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI
<u>Pad</u>	<u>20</u>	<u>~163</u>			
<u>1 1/2</u>				<u>300</u>	
<u>12/20</u>				<u>3200</u>	
<u>8/12</u>				<u>500</u>	
<u>Push</u>	<u>5</u>				
<u>Totals</u>	<u>100</u>			<u>4000</u>	

BREAKDOWN 1600  
START PRESSURE  
END PRESSURE  
BALL OFF PRESS  
ROCK SALT PRESS  
ISIP 600  
5 MIN  
10 MIN  
15 MIN  
MIN RATE  
MAX RATE  
DISPLACEMENT 6

REMARKS: Spot acid to pads - breakdown and stage

AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Terms and Conditions are printed on reverse side.