

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

Thrasher #4
API # 15-045-22215-00-00
SPUD DATE 05-01-14

Footage	Formation	Thickness	Set 40' of 7"
2	topsoil	2	TD 822'
18	sand stone	16	Ran 816' of 2 7/8 on 05-02-14
45	shale	27	
52	sand	7	
57	lime	5	
103	sand	46	
110	shale	7	
123	lime	13	
130	shale	7	
138	lime	8	
152	shale	14	
172	lime	20	
204	shale	32	
254	lime	50	
282	shale	28	
300	lime	18	
311	shale	11	
335	lime	24	
345	shale	10	
449	lime	104	
617	shale	168	
631	lime	14	
636	shale	5	
645	lime	9	
657	shale	12	
659	lime	2	
667	shale	8	
677	lime	10	good odor, good show
711	shale	34	
721	oil sand	10	
822	shale	101	



CONSOLIDATED
Oil Well Services, LLC

267840

TICKET NUMBER 47153
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
5-2-14	5700	Thrasher #4	S0 25	13	20	D6

CUSTOMER
Magnum Exploration/Kansas LLC
MAILING ADDRESS
2712 Willow Creek Ct
CITY
Bedford STATE
TX ZIP CODE
76021

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Mad		
495	Har Bec		
370	Jas Ric		
558	Mik Haa		

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 522 CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 815 DRILL PIPE Baffle in TUBING @ 783 OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 32' + Plug
DISPLACEMENT 4.558 DISPLACEMENT PSI _____ MIX PSI _____ RATE 58BPM

REMARKS: Had crew safety meeting. Establish circulation. Mix Pump
100 # Gel Flush. Mix Pump 146 sks 50/50 Por Mix Cement
270 gal 270 Calcium Chloride 1/4" Flo Seal/sk. Cement to surface
Flush pump & lines clean. Displace 2 7/8" Rubber plug to Baffle in
casing. Pressure to 500 # PSI. Release pressure & set float
value. Shut in casing.

Hot Drilling.

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085.00
5406	30	MILEAGE	495	126.00
5402	815'	Casing footage		N/C
5407	Minimum	Ten Miles	558	368.00
5502C	1 1/2 hr	80 BBL Vac Truck	370	150.00
1124	146 sks	50/50 Por Mix Cement	16.29	2367.54
1115B	346 #	Premium Gel	76.12	26357.72
1102	246 #	Calcium Chloride	191.88	47102.88
1107	37 #	Flo Seal	91.39	3381.51
		Material	2038.39	
		Loss 30%	- 611.53	
		Total Material	1426.86	1426.86
4402	1	2 7/8" Rubber Plug		29.50
			3944.74	
			7.15%	
			SALES TAX	104.13
			ESTIMATED TOTAL	3289.50

Ravin 3737

AUTHORIZATION

[Signature]

TITLE

ENG

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.