



Fueling American Prosperity™

Oil and Gas Well Drilling

3137 Virginia Rd, Wellsville KS 66092

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Well Log

Magnum Exploration Kansas, LLC

Thrasher #8

Sec. 25 Twp. 13 Rng. 20

15-045-22252-00-00

01/05/15

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>	
3	Soil and Clay	3	
80	Shale	83	
14	Sand	97	Grey, makes little water
23	Lime	120	
6	Shale	126	
6	Lime	132	
15	Shale	147	
19	Lime	166	
37	Shale	203	
13	Lime	216	
6	Shale	222	
26	Lime	248	
35	Shale	283	
5	Lime	288	
2	Shale	290	
9	Lime	299	
12	Shale	311	
15	Lime	326	
19	Shale	345	
16	Lime	361	
3	Shale	364	
19	Lime	383	
6	Shale	389	
12	Lime	401	
7	Shale	408	
22	Lime	430	
9	Shale	439	
10	Lime	449	Base of Kansas City
166	Shale	615	
7	Lime	622	
5	Shale	627	

2	Lime	629	
1	Shale	630	
1	Coal	631	
6	Shale	637	
7	Lime	644	
16	Shale	660	
5	Lime	665	
9	Shale	674	
3	Lime	677	
23	Shale	700	
2	Lime	702	
1	Shale	703	
3	Lime	706	
4	Shale	710	
2	Silty Shale	712	
1	Lime	713	
1	Oil Sand	714	Brown, soft sand, good bleed
4.5	Broken Sand	718.5	65% brown sand, 35% laminated shale, ok bleed
4.5	Silty Shale	723	
36	Shale	759	
1	Broken Lime	760	
4	Shale	764	
2	Silty Shale	766	Grey
1	Broken Sand	767	30% brown sand, 70% shale, light show, gassy
4	Silty Shale	771	Grey
8	Shale	779	
11	Sand	790	Light brown, no show
28	Shale	818	TD

Drilled an 11" hole to 44'
 Drilled a 5 5/8" hole to 818'

Set 44' of 7" surface casing, cemented with 15 sacks of cement.

Set 783' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 clamp, 1 float-shoe, and baffle.

Baffle set at 751'.



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
820-431-0210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

1709
1644

TICKET NUMBER 50779
LOCATION D'Haug
FOREMAN Alan Mader

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-5-14	5700	Thrasher 8	SW 25	13	20	06
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Magnum Exploration of KS			730	Ala Mader	Safety	Meert
MAILING ADDRESS			368	Art McD		
8768 CR. 262			369	Mik Moo		
CITY	STATE	ZIP CODE	510	Van Web		
Clyde	Ks	79510				

JOB TYPE log string HOLE SIZE 5 3/8 HOLE DEPTH 818 CASING SIZE & WEIGHT 2 7/8
 CASING DEPTH 783 DRILL PIPE _____ TUBING _____ OTHER 67 752
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/hr _____ CEMENT LEFT IN CASING yes
 DISPLACEMENT 4.4 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm

REMARKS: Held meetings. Established rate. Mixed & pumped 100# gel followed by 87 DWL plus 44# Pheno seal per sack. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI. Set float.

H&B Energy, Mitchell

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5701	1	PUMP CHARGE	368	1086.00
5706	30	MILEAGE	368	126.00
5702	783	Casings footage	368	
5707	min	log miles	510	368.00
5502L	1 1/2	RD var	369	150.00
1126	87	DWL	1718.25	
1118B	100#	gel	22.00	
1107A	44#	Pheno seal	59.40	
		material sub	1799.65	
		less 30% -	539.90	
		material total		1259.75
4402	1	2 1/2 plug		29.50
			3688.93	
		SALES TAX		92.18
		ESTIMATED TOTAL		3110.49

AUTHORIZATION Jim DK's TITLE _____ DATE _____

I acknowledge that I pay on terms, unless specifically noted 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.

