



Fueling American Prosperity™

Oil and Gas Well Drilling

3137 Virginia Rd, Wellsville KS 66092

Owners: Clay Hughes

Isaac Burbank

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Well Log

Magnum Exploration Kansas, LLC

Thrasher #6

Sec. 25 Twp. 13 Rng. 20

15-045-22250-00-00

12/26/14

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>	
6	Soil and Clay	6	
17	Sandstone	23	
43	Shale	66	
1	Lime	67	
8	Shale	75	
14	Sandstone	89	Brown and gray, makes water: approx 3 gal/min
28	Sandstone	117	Hard grey
1	Lime	118	
1	Shale	119	
3	Lime	122	
3	Shale	125	
17	Lime	142	
6	Shale	148	
7	Lime	155	
14	Shale	169	
18	Lime	187	
36	Shale	223	
13	Lime	236	
7	Shale	243	
17	Lime	270	
34	Shale	304	
12	Lime	316	
1	Shale	317	
12	Lime	329	
8	Shale	337	
11	Lime	348	
17	Shale	365	
16	Lime	381	
4	Shale	385	
2	Lime	387	
1	Shale	388	

32	Lime	420	
7	Shale	427	
24	Lime	451	
4	Shale	455	
3	Lime	458	
5	Shale	463	
6	Lime	469	
4	Shale	473	
2	Lime	475	Base of Kansas City
145	Shale	620	
5	Silty Shale	625	
13	Shale	638	
6	Lime	644	
4	Shale	648	
2	Lime	650	
6	Shale	656	
13	Lime	669	
18	Shale	687	
3	Lime	690	
5	Shale	695	
1	Lime	696	
33	Shale	729	
2	Silty Shale	731	
2	Oil Sand	733	Brown sand, good bleed with thin lime streaks.
2	Broken Sand	735	90% brown sand, good bleed, 10% shale
3	Oil Sand	738	Brown Sand, light bleed
2.5	Broken Sand	740.5	20% brown sand, 80% shale, minimal bleed
9.5	Silty Shale	750	
11	Lime	761	
33	Shale	784	
2	Silty Shale	786	
1	Broken Sand	787	20% brown sand, 80% shale, light show
10	Silty Shale	797	
5	Sand	802	Brown, no oil show
15	Silty Shale	817	
21	Shale	838	TD

Drilled an 11" hole to 44'
Drilled a 5 5/8" hole to 838'

Set 44' of 7" surface casing, cemented with 14 sacks of cement.

Set 804.5' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 clamp, 1 float-shoe, and baffle.
Baffle set at 773'.



CONSOLIDATED
SERVICE, LLC

PO Box 684, Chanute, KS 67220
620-431-9210 or 800-467-8676

API 15-045-22250.00.00

TICKET NUMBER 50774

LOCATION Off gas

FOREMAN Alan Madee

FIELD TICKET & TREATMENT REPORT
CEMENT

1672

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-30-14	5700	Thrasher 6	SW 25	13	20	OG
CUSTOMER Magnum Exploration KS.			TRUCK #			
MAILING ADDRESS 8768 CR. 262			DRIVER			
CITY Clyde			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 79510			TRUCK #			
JOB TYPE <u>long string</u>			DRIVER			
HOLE SIZE <u>5 7/8</u>			TRUCK #			
HOLE DEPTH <u>838</u>			DRIVER			
CASING DEPTH <u>804</u>			TRUCK #			
SLURRY WEIGHT			DRIVER			
SLURRY VOL			TRUCK #			
WATER gal/hr			DRIVER			
CEMENT LEFT IN CASING <u>yes</u>			TRUCK #			
DISPLACEMENT <u>4 1/2</u>			DRIVER			
DISPLACEMENT PSI <u>800</u>			TRUCK #			
MIX PSI <u>200</u>			DRIVER			
RATE <u>4 bpm</u>			TRUCK #			
REMARKS: <u>Held meeting. Established rate. Mixed & pumped 100# gel followed by 110# OWC plus 1/2# Phenoseal per sack. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 KSI. Set float. Closed valve.</u>						

HB Energy, Mitchell

Alan Madee

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1085.00
5406	30	MILEAGE	368	126.00
5402	804'	casing footage	368	
5407	min	ten miles	510	368.00
3502C	2	80 vac	675	200.00
1126	110	OWC	212.50	
1188	100	gel	22.00	
1107A	55	Phenoseal	74.25	
		material 545	228.75	
		less 80% - 680.42		
		Material total		1588.13
4402	1	2 1/2 play		29.50
		SALES TAX		115.66
		ESTIMATED TOTAL		13512.29

Rev'n 2/97

AUTHORIZATION JN Ball

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.

