



Fueling American Prosperity™

Oil and Gas Well Drilling

3137 Virginia Rd, Wellsville KS 66092

Owners: Clay Hughes

Isaac Burbank

Phone: (785) 979-9493

(913) 963-9127

Fax: (785) 883-2305

Well Log

Magnum Exploration Kansas, LLC

Thrasher #9

Sec. 25 Twp. 13 Rng. 20

15-045-22253-00-00

01/06/15

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>	
3	Soil and Clay	3	
112	Shale	115	
12	Sand	127	Gray, making water
4	Limey Sand	131	
22	Lime	153	
7	Shale	160	
5	Lime	165	
15	Shale	180	
19	Lime	199	
34	Shale	233	
15	Lime	248	
5	Shale	253	
28	Lime	281	
34	Shale	315	
15	Lime	330	
22	Shale	352	
7	Lime	359	
17	Shale	376	
16	Lime	392	
5	Shale	397	
17	Lime	414	
7	Shale	421	
10	Lime	431	
9	Shale	440	
22	Lime	462	
4	Shale	466	
4	Lime	470	
5	Shale	475	
6	Lime	481	Base of Kansas City
119	Shale	600	
49	Shale	649	Red bed

7	Lime	656	
7	Shale	663	
1	Coal	664	
5	Shale	669	
2	Lime	671	
19	Shale	690	
2	Lime	692	
8	Shale	700	
2	Lime	702	
28	Shale	730	
1	Lime	731	
2	Shale	733	
2	Lime	735	
5	Shale	740	
1	Silty Shale	741	Green
1	Broken Sand	742	20% brown sand, 80% lime, light bleed
1	Lime	743	
1	Broken Sand	744	80% brown sand, 20% shale, good bleed
2	Oil Sand	746	Brown, good bleed, few thin shale seems
1	Broken Sand	747	40% brown sand, 60% shale, ok bleed
3	Broken Sand	750	20% brown sand, 80% shale, light bleed
6	Silty Shale	756	
28	Shale	784	
1	Lime	785	
4	Shale	789	
1	Broken Lime	790	
2	Shale	792	
1	Sand	793	Brown, light odor
1	Broken Sand	794	10% sand, 90% shale, light bleed
4	Silty Shale	798	Grey
7	Shale	805	
10	Sand	815	Light brown, no oil show
35	Shale	850	TD

Drilled an 11" hole to 44'
 Drilled a 5 5/8" hole to 850'

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

Set 827' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 clamp, 1 float-shoe, and baffle.
 Baffle set at 796'.



CONSOLIDATED
OIL WELL SERVICES, LLC

1812
/ 1759

TICKET NUMBER 50780
LOCATION Off Hwy 9
FOREMAN Alan Maden

PO Box 884, Chanute, KS 66720
620-431-9219 or 888-467-9978

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-16-18	5700	Thrasher 9	S44 43	13	20	06
CUSTOMER Magnum Exploration of KS			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 8768 CR. 262			730	Alan Maden	Safety	Med
CITY Clyde			368	Alan Maden		
STATE TX			370	Mik Fox		
ZIP CODE 79510			510	Dus Webb		
JOB TYPE <u>long string</u>	HOLE SIZE <u>5 7/8</u>	HOLE DEPTH <u>850</u>	CASING SIZE & WEIGHT <u>2 7/8</u>			
CASING DEPTH <u>827</u>	DRILL PIPE	TUBING	OTHER <u>796 hf</u>			
SLURRY WEIGHT	SLURRY VOL	WATER gal/hr	CEMENT LEFT IN CASING <u>yes</u>			
DISPLACEMENT <u>4.63</u>	DISPLACEMENT PSI <u>800</u>	MIX PSI <u>400</u>	RATE <u>4 bpm</u>			
REMARKS: <u>Held meeting. Established rates. Mixed & pumped 100# gel followed by 95 wt OWC plus 1/2# Phenol seal per sack. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI set floor.</u>						

H+B, Mitchell

Alan Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	568	1085.00
5406	30	MILEAGE	368	126.00
5402	827	casing footage	368	
5407	man	hour meter	510	368.00
5022C	1 1/2	80 vsc	370	150.00
1126	95	OWC	1876.25	
1188	100 #	gel	22.00	
1107A	48 #	Phenol seal	64.80	
		material 546	1963.06	
		less 30% -	588.92	
		material total		1374.13
4402	1	2 1/2 plug		29.50
			3864.02	
		SALES TAX		100.36
		ESTIMATED TOTAL		3232.99

AUTHORIZATION J.M. Osk TITLE _____ DATE _____

I acknowledge that I pay this invoice, unless notified in writing on the front of this form or in separate communication to our office, and conditions of service on the back of this form are in effect for services rendered on this form.

