



262942

TICKET NUMBER 44704

LOCATION Ottawa

FOREMAN Alan Maden

PO Box 884, Chazotte, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10.3.13	3645	Fabolin HB-F2 SW 4		19	22	To
CUSTOMER H-B Energy hkl			TRUCK #			
MAILING ADDRESS 3137 Virginia Rd			DRIVER			
CITY Wellsville			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 66092			TRUCK #			
JOB TYPE <u>long string</u>			DRIVER			
HOLE SIZE <u>5 7/8</u>			TRUCK #			
HOLE DEPTH <u>900</u>			DRIVER			
CASING DEPTH <u>886</u>			TRUCK #			
DRILL PIPE			DRIVER			
TUBING			TRUCK #			
SLURRY WEIGHT			DRIVER			
SLURRY VOL			TRUCK #			
WATER gal/sk			DRIVER			
CEMENT LEFT IN CASING			TRUCK #			
DISPLACEMENT <u>5.0</u>			RATE <u>4 bpm</u>			
DISPLACEMENT PSI <u>800</u>			MIX PSI <u>200</u>			
MIX PSI <u>200</u>			OTHER <u>baffle 845</u>			

REMARKS: Hold meeting. Established rate down casing. Mixed & pumped 100# gel followed by 120 sk 50/50 cement plus 20# gel & 1/4# flo seal per sack. Circulated cement. Flushed pump. Pumped plug to baffle. Well held 800 PSI for 30 minute. M.T. closed valve.

Evans Mitchell

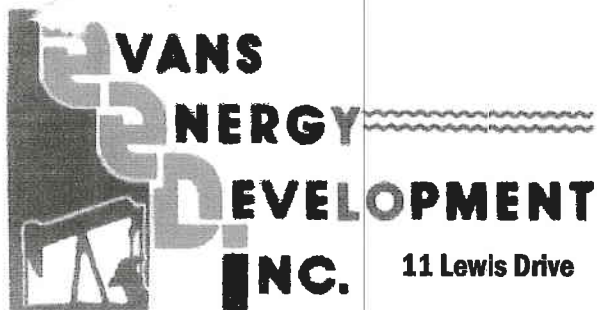
Alan Maden

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	886	casing footage	368	
5407	M:1	ton miles	548	368.00
5502C	2	80 gal	370	180.00
1124	120	50/50 Cement		1380.00
118B	302#	gel		66.44
1107	30#	pl seal		74.10
4402	1	2' x plug		29.50
SALES TAX ESTIMATED TOTAL				114.32
TOTAL				3423.3

Ravin 9737

AUTHORIZATION [Signature] 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.



**Oil & Gas Well Drilling
Water Wells
Geo-Loop Installation**

11 Lewis Drive

Paola, KS 66071

Phone: 913-557-9083

Fax: 913-557-9084

WELL LOG

HB Energy, LLC

Fasolino #HB-I-2

API #15-091-24,216

October 2 - October 3, 2013

Thickness of Strata

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
12	soil & clay	12
5	sandstone	17 red, no water
5	shale	22
14	lime	36
7	shale	43
9	lime	52
10	shale	62
15	lime	77
18	shale	95
66	lime	161
4	shale	165
3	lime	168
42	shale	210
11	lime	221
23	shale	244
4	lime	248
6	shale	254
15	lime	269
24	shale	293
7	lime	300
11	shale	311
12	lime	323
9	shale	332
21	lime	353
4	shale	357 black
5	lime	362
4	shale	366
5	lime	371 base of the Kansas City
29	shale	400
5	broken sand	405 grey & green
81	shale	486
6	sand	492 grey, no oil
55	shale	547
5	lime	552
3	shale	555
1	lime	556
8	shale	564
9	lime	573
15	shale	588

4	lime	592	
15	shale	607	
3	lime	610	
28	shale	638 red	
2	lime	640	
99	shale	739	
4	lime	743	
10	shale	753	
1	lime	754	
28	shale	782	
2	limey sand	784	
6	sand	790	
39	shale	829	
1	oil sand	830	hard sand, good bleeding
1	broken sand	831	75% brown sand, 25% lime, good bleeding
2	oil sand	833	friable, ok bleeding
1	broken sand	834	80% brown sand 20% lime
6	oil sand	840	friable, good bleeding
1	broken sand	841	40% brown 60% limey light bleeding
1	silty shale	842	
58	shale	900	TD

829
 - 371

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Drilled a 9 7/8" hole to 23.4'
 Drilled a 5 5/8" hole to 900'

Set 23.4' of 7" casing threaded and coupled cemented with 6 sacks of cement.

Set 886.55' of 2 7/8" 8 round upset tubing with 1 baffle, 3 centralizers & 1 clamp.