



11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling  
Water Wells  
Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

**WELL LOG**  
HB Energy LLC  
Fasolino #HB3  
API # 15-091-24,327  
June 6 - June 9, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
13	soil & clay	13
7	lime	20
8	shale	28
8	lime	36
10	shale	46
14	lime	60
18	shale	78
68	lime	146
4	shale	150
2	lime	152
41	shale	193
13	lime	206
13	shale	219
4	lime	223
10	shale	233
16	lime	249
1	shale	250
5	lime	255
19	shale	274
12	lime	286
1	shale	287
18	lime	305
7	shale	312
23	lime	335
3	shale	338
3	lime	341
4	shale	345
6	lime	351 base of the Kansas City
27	shale	378
5	silty shale	383 15% green sandy shale, 85% shale, very light gas odor
146	shale	529
4	lime	533
11	shale	544
8	lime	552
2	shale	554
2	lime	556
13	shale	569
4	lime	573

15	shale	588
15	lime	603
13	shale	618 red
12	lime	628
8	shale	636
2	silty shale	638
2	sand	640 green, looks wet
1	silty shale	641
50	shale	691
3	silty shale	694 grey
5	broken sand	699 80% shale 15% laminated brown sand minimal oil show
4	silty shale	703
15	shale	718
1	coal	719
3	shale	722
3	lime/shale	725
10	shale	735
6	red shale	741
24	shale	765
4	sand	769 green
18	shale	787
1	coal	788
24	shale	812
1	silty shale	813
1	broken sand	814 limey oil sand, good bleeding
3	oil sand	817 soft black sand, good bleeding
1	broken sand	818 50% black sand 50% limey sand good bleeding
1	broken sand	819 30% black sand 70% hard silty shale light bleeding
3	silty shale	822
63	shale	885 TD

Drilled a 9 7/8" hole to 22'

Drilled a 5 5/8" hole to 885'

Set 22' of 6 5/8" surface casing cemented with 6 sacks of cement.

Set 877' of 2 7/8" 8 round upset tubing including 3 centralizers, 1 clamp, and 1 baffle.

Baffle set 17.05' off bottom of tally.



**CONSOLIDATED**  
Oil Well Services, LLC

268783

TICKET NUMBER 47333

LOCATION Ottawa, KS

FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720  
820-431-8210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-10-14	3645	Fasolino # HB-3	SW 4	14	22	JO

CUSTOMER  
H B Energy LLC

MAILING ADDRESS  
3236 Virginia Rd

CITY Wellsville STATE KS ZIP CODE 66092

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Mader		
495	Harbor		
675	Ki Det		
558	Max Cac		

JOB TYPE Long string HOLE SIZE \_\_\_\_\_ HOLE DEPTH 885' CASING SIZE & WEIGHT 2 7/8 EVE

CASING DEPTH 875' DRILL PIPE Baffle TUBING Ø 860' OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 12' Plug

DISPLACEMENT 5 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Hold crew on safety meeting. Establish pump rate, mix + pump 100# Gal Flush. Mix + Pump 117 sks 50/50 Por Mix Cement 2 7/8 Gal 4" Flo Seal/sk. Cement to surface. Flush pump + lines clean. Displace 2 7/8" Rubber plug to baffle in casing. Pressure to 600# PSI. Shut in logs.

Evans Energy Dev. Inc. Mitchell

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 <sup>00</sup>
5406	30 mi	MILEAGE	495	126 <sup>00</sup>
5402	875'	Casing Footage		N/C
5407	Minimum	Ten Miles	558	368 <sup>00</sup>
5502C	2 hrs	80 BBL Vac Truck	675	200 <sup>00</sup>
1124	117 sks	50/50 Por Mix Cement	1345 <sup>00</sup>	
1186	277 <sup>#</sup>	Premium Gal	65 <sup>00</sup>	
1107	30 <sup>#</sup>	Flo. Seal	74 <sup>00</sup>	
		Material	1464 <sup>00</sup>	
		Less 30%	-445 <sup>00</sup>	
		Total		1039 <sup>46</sup>
4402	1	2 7/8 Rubber Plug		29 <sup>00</sup>
			3405.13	
			7.375%	SALES TAX 78 <sup>00</sup>
				ESTIMATED TOTAL 2926 <sup>80</sup>

Revin 3737

AUTHORIZATION Clay 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.