



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

11 Lewis Drive Paola, KS 66071

Phone: 913-557-9083
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WELL LOG

Vast Petroleum of Kansas LLC
Jewel J. Shikels #1-16
API #15-107-24,821
January 20 - January 23, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
5	soil & clay	5
9	lime	14
20	sandstone	34
73	shale	107
8	lime	115
6	shale	121
37	lime	158
7	shale	165
24	lime	189
4	shale	193
18	lime	211 base of the Kansas City
27	shale	238
21	sand	259 grey no oil show
130	shale	389
10	lime	399
59	shale	458
3	lime	461
7	shale	468
4	lime	472
5	shale	477
5	lime	482
26	shale	508
10	lime	518
16	shale	534
2	lime	536
25	shale	561
3	lime	564
2	shale	566
3	silty shale	569
3	broken sand	572 brown & grey, light oil show
4	shale	576
5	broken sand	581 brown & grey light oil show
2	shale	583
33	broken sand	616 brown & grey light bleeding
3	silty shale	619
6	sand	625 black no oil show
26	shale	651
1	coal	652

3	shale	655
10	sand	665 white, no oil
20	shale	685
8	sand	693 grey, no oil
9	shale	702
1	coal	703
5	shale	708 TD

Drilled a 9 7/8" hole to 22.4'

Drilled a 5 5/8" hole to 708'

Set 22.4' of 7" threaded and coupled surface casing, cemented with 6 sacks cement.

Set 698' of 2 7/8" 8 round upset tubing including 6 centralizers, 1 float shoe, 1 baffel, 1 clamp.



CONSOLIDATED
Oil Well Services, LLC

265590

TICKET NUMBER 42580

LOCATION Ottawa KS

FOREMAN Fred Maden

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

**FIELD TICKET & TREATMENT REPORT
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-22-14	8553	Jewell Shikels # I-16	NE 25	20	21	LN
CUSTOMER VAST Petroleum of KS LLC			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 10939 N. Alpine Hiway			712	Fred Mad		
CITY Highland			475	Nar Bee		
STATE UT			370	Jas Ric		
ZIP CODE 84003			510	Set Tuc		

JOB TYPE Longstring HOLE SIZE 5 7/8 HOLE DEPTH 708 CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 698 DRILL PIPE Baffle in TUBING @ 666 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 32.4 Plug
 DISPLACEMENT 3.87 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5.8 PM

REMARKS: Hold crew safety meeting. Establish pump rate. Mix + Pump 100 # Gel
 flush. Mix + Pump 114 sks 50/50 Per Mix Cement 2 1/2 Gal 2% Calcium
 chloride 1/4" Flo Seal/sk. Cement to surface. Flush pump + lines clean
 Displace 2 1/2" Rubber plug to baffle in casing. Pressure to 800 PSI.
 Hold + Monitor pressure for 30 min MIT. Release pressure to set
 Float Valve. Shut in casing.

Evans Energy Dev Inc. Trails

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	.1	PUMP CHARGE		1085.00
5466	35 mi	MILEAGE		147.25
5402		Casing Footage		N/C
5407	Minimum	Ton Miles		365.00
5502C	2 hrs	80 BBL Vac Truck		180.00
1124	114 sks	50/50 Per Mix Cement		1311.00
118B	292 #	Premium Gel		6424
1102	192 #	Calcium Chloride		14976
1107	29 #	Flo Seal		71.63
4402	1	2 1/2" Rubber Plug		29.50
			6.1520	SALES TAX
				ESTIMATED TOTAL
				100.01
				3506.14

Rev 3737

AUTHORIZATION Sours Ery

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