



**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

Vast Petroleum of Kansas LLC
Jewel J. Shikels #V33
API #15-107-24,885
January 13 - January 14, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
3	soil & clay	3
16	lime	19
24	sandstone	43
5	shale	48
8	lime	56
53	shale	109
7	lime	116
6	shale	122
38	lime	160
8	shale	168
22	lime	190
5	shale	195
20	lime	215 base of the Kansas City
30	shale	245
30	sand	275 grey, no oil
115	shale	390
11	lime	401
12	shale	413
4	sand	417 green, no oil
36	shale	453
10	lime	463
5	shale	468
2	lime	470
8	shale	478
4	lime	482
23	shale	505
5	lime	510
41	shale	551
18	lime	569
6	silty shale	575
1	broken sand	576 brown & grey light oil show
6	broken sand	582 brown & green, ok bleeding
5	silty shale	587
2	broken sand	589 brown & grey, light bleeding
1	oil sand	590 brown ok bleeding
7	broken sand	597 brown & grey ok bleeding
24	silty shale	621
4	sand	625 black, no oil

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30	shale	655
9	sand	664 white, no oil
19	shale	683
10	sand	693 white, no oil
		693 TD

Drilled a 12 1/4" hole to 21.2'

Drilled a 5 5/8" hole to 693'

Set 21.2' of 8 5/8" threaded and coupled surface casing, cemented with 7 sacks cement.

Set 683.7' of 4 1/2" tubing including 6 centralizers, 1 float shoe, 1 baffel, 1 clamp.

15-107-24885-00-00



CONSOLIDATED
Oil Well Services, LLC

265374

TICKET NUMBER 42534
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
1-14-14	8553	Jewel Shikel # V-23	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	STATE UT	ZIP CODE 84003	495	Harber		
			369	Art Mad		
			518	Set Truc		

JOB TYPE hang string HOLE SIZE 6 3/4 HOLE DEPTH 692' CASING SIZE & WEIGHT 4 1/2"
CASING DEPTH 682' DRILL PIPE Baffle in casing @ 652' OTHER _____
SLURRY WEIGHT 10.35 BBL SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 4 1/2" Plug
DISPLACEMENT 10.35 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Establish pump rate. Mix Pump 100# Gal Flush. Pump 6 BBL
Tell tale dye Follow w/ 100 SKS 50/50 Poz Mix Cement 270 Gal
2% Calcium Chloride 1/4" Flo Seal / sk. Cement to Flush pump
* lines clean Displace 4 1/2" Rubber plug to baffle in
Casing. Pressure to 600# PSI. Release pressure to set
Float Valve. Shut in Casing.

Evans Energy Dev. Inc. - Travis

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1085 ⁰⁰
5406	35 mi	MILEAGE	495	147 ⁰⁰
5402	682'	Casing Footage		N/C
5407	Minimum	Tax Miles		368 ⁰⁰
5502C	2 hrs	80 BBL Vac Truck	369	180 ⁰⁰
1124	100 SKS	50/50 Poz Mix Cement		1150 ⁰⁰
1118B	268 [#]	Premium Gel		5826
1102	168 [#]	Calcium Chloride		131 ⁰⁹
1107	25 [#]	Flo Seal		61 ²⁵
4404	1	4 1/2" Rubber Plug		47 ²⁵
			6.15%	SALES TAX
				ESTIMATED TOTAL
				3318 ¹³

Rev 01/07

AUTHORIZATION

[Signature]

TITLE

[Signature]

DATE

1-14-14

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.