



**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 #32
API #15-107-24,833
January 14 - January 15, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
3	soil & clay	3
13	lime	16
24	sandstone	40
15	shale	55
2	lime	57
51	shale	108
11	lime	119
4	shale	123
38	lime	161
7	shale	168
21	lime	189
6	shale	195
20	lime	215 base of the Kansas City
27	shale	242
21	sandstone	263 grey, no oil
127	shale	390
13	lime	403
13	shale	416
5	sand	421 green, no oil
34	shale	455
15	lime	470
7	shale	477
3	lime	480
27	shale	507
12	lime	519
12	shale	531
8	lime	539
21	shale	560
10	silty shale	570
1	broken sand	571 brown & grey no bleeding
2	broken sand	573 brown & grey light bleeding
1	broken sand	574 brown & grey no bleeding
2	silty shale	576
7	broken sand	583 brown & grey, ok bleeding
2	shale	585
2	broken sand	587 brown & grey light oil show
4	silty shale	591
1	broken sand	592 brown & grey light oil show

3	shale	595
13	broken sand	603 brown & grey, ok bleeding
12	silty shale	620
6	oil sand	626 brown ok bleeding
60	shale	686
1	coal	687
29	shale	716 TD

Drilled a 12 1/4" hole to 21.1'

Drilled a 5 5/8" hole to 716'

Set 21.1' of 8 5/8" threaded and coupled surface casing, cemented with 7 sacks cement.

Set 706.6' of 4 1/2" tubing including 6 centralizers, 1 float shoe, 1 baffel, 1 clamp.

15-107-24833-00-00



CONSOLIDATED
Oil Well Services, LLC

265390

TICKET NUMBER 42536

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
1-15-14	8553	Jewel Shilals # V-32	NE 25	20	21	LN
CUSTOMER VAST Petroleum of KS LLC			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 10939 N Alpine Highway			712	Frc Mad		
CITY Highland	STATE UT	ZIP CODE 84003	495	Har Bee		
			675	Kei Det		
			510	Set Tue		

JOB TYPE Longstridge HOLE SIZE 6-3/4 HOLE DEPTH 716 CASING SIZE & WEIGHT 4 1/2
 CASING DEPTH 706 DRILL PIPE Baffle TUBING Casing @ 675 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 4 1/2" Plug x 31'
 DISPLACEMENT 10.7 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Hold crew safety meeting. Establish pump rate - Mix & Pump
100# Gel Flush. Pump 6 BBL. Test take dye. Follow w/ 100 SKS
50/50 Por Mix Cement 2% Gel 2% Calcium Chloride 1/2" Flo Seal/sk
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	35mi	MILEAGE	495	147 ⁰⁰
5402	706'	Casing footage		N/C
5407	Minimum	Ten Miles	510	368 ⁰⁰
55025	2 hrs	90 BBL Vac Truck	675	180 ⁰⁰
1124	100 SKS	50/50 Por Mix Cement		1150 ⁰⁰
1118B	268#	Premium Gel		5896
1102	168#	Calcium Chloride		131 ⁰⁴
1107	25#	Flo Seal		61 ⁷⁵
4404	1	4 1/2" Rubber Plug		47 ²⁵
			6.15%	SALES TAX
				ESTIMATED TOTAL
				89 ¹³
				3318 ¹³

Ravin 3737

AUTHORIZATION

[Signature]

TITLE

[Signature]

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.