



**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 #28
API #15-107-24,843
January 22 - January 24, 2014

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
4	soil & clay	4
8	lime	12
19	sandstone	31 grey no oil show
72	shale	103
10	lime	113
3	shale	116
37	lime	153
7	shale	160
24	lime	184
5	shale	189
20	lime	209 base of the Kansas City
21	shale	230
28	sand	258 grey no oil show
112	shale	370
9	lime	379
7	shale	386
9	lime	395
54	shale	449
17	lime	466
8	shale	474
3	lime	477
27	shale	504
8	lime	512
17	shale	529
3	lime	532
1	shale	533
5	lime	538
8	shale	546
4	lime	550
13	shale	563
9	silty shale	573
1	broken sand	574 brown & grey light oil show
4	silty shale	578
1	broken sand	579 brown & grey, light bleeding
2	silty shale	581
2	broken sand	583 brown & grey light bleeding
1	shale	584
11	broken sand	595 brown & grey light bleeding

1	shale	596
8	broken sand	604 brown & grey light bleeding
1	silty shale	605
2	broken sand	607 brown & grey light bleeding
2	shale	609
8	broken sand	617 brown & grey ok bleeding
3	sand	620 black no oil show
7	silty shale	627
7	shale	634
1	coal	635
22	shale	657
7	sand	664 white no oil show
21	shale	685
1	coal	686
32	shale	718 TD

Drilled a 12 1/4" hole to 21.4'

Drilled a 6 3/4" hole to 718'

Set 21.4' of 8 5/8" threaded and coupled surface casing, cemented with 7 sacks cement.

Set 708.8' of 4 1/2" tubing including 6 centralizers, 1 float shoe, 1 baffel, 1 clamp.

15-107-24843-00-00



CONSOLIDATED
Oil Well Services, LLC

265652

TICKET NUMBER 42582

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
1-24-14	8553	Jewel Shikels #28	NE 25	20	21	LN
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
VAST Petroleum of KS LLC			712	Fred Mad		
MAILING ADDRESS			495	Horbae		
10939 N Alpine Hiway			369	DerMas		
CITY	STATE	ZIP CODE	570	Set Tec		
Higland	UT	84003				

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 718 CASING SIZE & WEIGHT 4 1/2
 CASING DEPTH 708 DRILL PIPE Baffle in casing @ 676 TUBING @ 676 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 30' Plug
 DISPLACEMENT 10.73 DISPLACEMENT PSI _____ MIX PSI _____ RATE 5BPM

REMARKS: Hold crew safety meeting. Establish pump rate. Mix + Pump 100# Gel Flush. @ pump 6.5 BBL. Telltale dye. Follow w/ 104.5 SKS 50/50 Por Mix Cement 2% Gel 2% Calcium Chloride 1/4" 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		
5406	35	MILEAGE	495	1085.00
5402	708	Casing Footage	495	147.00
5407	Minimum	Ten Miles		N/C
5502C	2 hrs	80 BBL Vac. Truck	570	368.00
			369	180.00
1124	1045 SKS	50/50 Por Mix Cement		1196.00
118b	275 #	Premium Gel		60.50
1102	175 #	Calcium Chloride		136.50
1107	26 #	Flo Seal		64.22
4404	1	4 1/2" Rubber Plug		47.25
			6,159.00	
		SALES TAX		92.53
		ESTIMATED TOTAL		3376.00

Ravin 3737

AUTHORIZATION Joab Ogby by Phone 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.