

## DRILL LOG

Operator License # 34610

API # 15-107-24786-00-00

Operator Peoples Oil, LLC

Lease Name Cox

Address 928 W. 4<sup>th</sup> St.

Well # 33

Ottawa, KS 66067

Contractor JTC Oil, Inc.

Spud Date 6/7/13 Cement 6/12/13

Contractor License 32834

Location \_\_\_\_\_ of \_\_\_\_\_

T.D. 620 T.D. of Pipe 595

\_\_\_\_\_ feet from \_\_\_\_\_

Surf. Pipe Size 7" Depth 20'

\_\_\_\_\_ feet from \_\_\_\_\_

Kind of Well Production

County Linn

Thickness	Strata	From	To	Thickness	Strata	From	To
6	Dirt/Clay	0	6	2	Lime	128	130
9	Clay/Sandstone	6	15	3	Shale	130	133
7	Shale	15	22	4	Lime	133	137
8	Lime	22	30	4	Shale	137	141
9	Shale	30	39	4	Lime	141	145
35	Lime	39	74	141	Shale	145	286
6	Black Shale	74	80	5	Lime	286	291
4	Lime	80	84	10	Shale	291	301
6	Mix Lime	84	90	13	Lime	301	314
33	Lime	90	123	46	Shale	314	360
5	Shale	123	128	4	Lime	360	364

6	Shale	364	370
12	Lime	370	382
10	Shale	382	392
6	Lime	392	398
31	Shale	398	429
7	Lime	429	436
3	Shale	436	439
2	Lime	439	441
10	Shale	441	451
8	Lime	451	459
11	Shale	459	470
3	Lime	470	473
38	Shale	473	511
3	Sand/Tiny Oil	511	514
2	Little	514	516
2	Fair	516	518
2	Good	518	520
2	Good	520	522
2	Good	522	524
2	Good	524	526
2	Good	526	528
2	Very Good	528	530
2	Very Good	530	532
2	Very Good	532	534

2	Very Good	534	536
2	Good	536	538
2	Little	538	540
2	Tiny	540	542
2	Tiny	542	544
10	Sand/No Oil	544	554
12	Shale	554	566
2	Lime	566	568
14	Shale Mix	568	582
4	Lime	582	586
34	Shale Mix	586	620



**CONSOLIDATED**  
Oil Well Services, LLC

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

259572

TICKET NUMBER 41988

LOCATION Ottawa KS

FOREMAN Fred Mader

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-12-13	1174	Cox # 33	NW 21	20	22	LN

CUSTOMER  
A. G Oil

MAILING ADDRESS  
300 SE 21st St

CITY  
Topeka

STATE  
KS

ZIP CODE  
66607

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fred Mader		
495	Har Bec		
369	Der Mas		
510	Bob Tex		

JOB TYPE Log string HOLE SIZE 6 HOLE DEPTH 620 CASING SIZE & WEIGHT 2 3/8 EUE

CASING DEPTH 5950 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_

SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT In CASING 2 1/2" Plug

DISPLACEMENT 3.46 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4.8 PM

REMARKS: Hold area meeting. Establish pump rate. Mix & Pump 100# Gel Flush. Mix & Pump 79 sks 50/50 Por Mix Cement 2 3/8 Gel. Cement to surface. Flush pump & lines clean. Displace 2 1/2" Rubber Plug to casing TD. Pressure to 700# PSI. Release pressure to set float valve. Show in casing.

JTC Drilling

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	40 mi	MILEAGE	495	1085.00
5402	595	Casing footage	495	168.00
5407	1/2 Minimum	Ten Miles	510	NIC
55029	1 1/2 hr	80 BBL Vac Truck	369	184.00
				135.00
1124	79 sks	50/50 Por Mix Cement		908.50
118B	23#	Premium Gel		51.26
4402	1	2 1/2" Rubber Plug		29.50
				6233
			6.3%	SALES TAX
				ESTIMATED
				TOTAL
				2623.59

Flavin 3737

AUTHORIZATION

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