

DRILL LOG

Operator License# 32834

API # 15-121-31346-00

Operator _____ JTC Oil, Inc.

Lease WINGERT

Address

Well # I-3

Contractor JTC Oil, Inc.

Spud Date 8/2/17 Cement 8/8/17

Contractor License

Location _____ of _____

T.D. 720 T.D. of Pipe 700

_____ feet from _____

Surf. Pipe Size 6" Depth ft. 20 ft. w/3sx

_____ feet from _____

Kind of Well Injector

County Miami

Thickness	Strata	From	To	Thickness	Strata	From	To
2	soil	0	2	14	lime	243	257
11	lime	2	13	13	shale	257	270
22	shale	13	35	27	lime	270	297
16	lime	35	51	8	coal	297	305
99	shale	51	150	21	lime	305	326
18	lime	150	168	5	coal	326	331
20	shale	168	188	13	lime	331	344
3	lime	188	191	135	shale	344	479
10	shale	191	201	24	lime/shale	479	503
3	lime	201	204	16	lime	503	519
39	shale	204	243	46	shale	519	565

3	lime	565	568
19	shale	568	587
3	lime	587	590
14	black shale	590	604
6	lime	604	610
18	shale	610	628
2	lime	628	630
20	shale	630	650
3	oil sand	650	653 good
3	oil sand	653	656 good
3	oil sand	656	659 good
3	oil sand	659	662 very good
1	oil sand	662	663 good
2	oil sand	663	665 good
55	shale	665	720



PRESSURE PUMPING LLC

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

8105/8058

TICKET NUMBER 53861

LOCATION Ottawa KS

FOREMAN Fred Maden

FIELD TICKET & TREATMENT REPORT CEMENT

Invoice # 810956

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8.8.17	4015	Wingart # 2-3	PW 9	17	22	MI
CUSTOMER JTC Oil Inc			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 35790 Plum Creek Rd			712 Fred Mad			
CITY STATE ZIP CODE O sawatomie KS 66064			495 CasKen			
			369 MikHaa			
			548 NarBee			

JOB TYPE log string HOLE SIZE 6 1/4 HOLE DEPTH 740' CASING SIZE & WEIGHT 3 1/2"
 CASING DEPTH 7210 DRILL PIPE 2 in in TUBING @ 711' OTHER 10.20 #/FY
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 10' + Plug
 DISPLACEMENT 5.9 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Hold safety mixing. Establish circulation. Mix & Pump 100th Gel Flush. Mix & Pump 67 SKs Thiro Blend II Cement 1/2th Cello Flake / SK Cement to surface. Flush pump & lines clean. Displace 3 1/2" Rubber plug to pin in casing. Pressure to 750th PSI. Monitor pressure for 30 min MIT. Shut in casing.

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	495	1500 ⁰⁰
CE0002	-	MILEAGE		N/C
CE070	1/2 min. man	Ten Miles Delivery	548	330 ⁰⁰
WE0853	1 1/2 hr	80 BBL Vac Truck	369	150 ⁰⁰
		Sub Total		1980 ⁰⁰
		LESS 60%		-1188 ⁰⁰
				792 ⁰⁰
CC5861	67 SKS	Thiro Blend II Cement		1809 ⁰⁰
CC5965	100*	Bentonite Gel		30 ⁰⁰
CC6075	34*	Cello Flake		68 ⁰⁰
CP8177	1	3 1/2" Rubber Plug		75 ⁰⁰
		Sub Total		1782 ⁰⁰
		LESS 60%		-1188 ⁰⁰
				792 ⁰⁰
			8%	SALES TAX 63.42
				ESTIMATED TOTAL 1648.22

Ravin 3737

AUTHORIZATION

TITLE

DATE

(4120 50)

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.