

DRILL LOG

Operator License# 32834

API # 15-121-31349-00

Operator _____ JTC Oil, Inc.

Lease WINGERT

Address

Well # P-5

Contractor JTC Oil, Inc.

Spud Date 7/30/17 Cement 8/8/17

Contractor License 32834

Location _____ of _____

T.D. 720 T.D. of Pipe 702

_____ feet from _____

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

_____ feet from _____

Kind of Well Production

County Miami

Thickness	Strata	From	To	Thickness	Strata	From	To
4	topsoil	0	4	3	lime	201	204
9	lime	4	13	39	shale	204	243
22	shale	13	35	15	lime	243	258
16	lime	35	51	12	shale	258	270
99	shale	51	150	27	lime	270	297
18	lime	150	168	8	coal	297	305
12	shale	168	180	22	lime	305	327
4	lime	180	184	5	coal	327	332
4	shale	184	188	17	lime	332	349
2	lime	188	190	125	shale	349	474
11	shale	190	201	4	red bed	474	478

<u>10</u>	<u>shale</u>	<u>478</u>	<u>488</u>
<u>20</u>	<u>lime/shale</u>	<u>488</u>	<u>508</u>
<u>5</u>	<u>lime/little ok</u>	<u>508</u>	<u>513</u>
<u>5</u>	<u>lime</u>	<u>513</u>	<u>518</u>
<u>47</u>	<u>shale</u>	<u>518</u>	<u>565</u>
<u>5</u>	<u>lime</u>	<u>565</u>	<u>570</u>
<u>14</u>	<u>shale</u>	<u>570</u>	<u>584</u>
<u>3</u>	<u>lime</u>	<u>584</u>	<u>587</u>
<u>17</u>	<u>black shale</u>	<u>587</u>	<u>604</u>
<u>2</u>	<u>lime</u>	<u>604</u>	<u>606</u>
<u>45</u>	<u>shale</u>	<u>606</u>	<u>651</u>
<u>2</u>	<u>oil sand</u>	<u>651</u>	<u>653 ok</u>
<u>2</u>	<u>oil sand</u>	<u>653</u>	<u>655 good</u>
<u>3</u>	<u>oil sand</u>	<u>655</u>	<u>678 good</u>
<u>62</u>	<u>shale</u>	<u>678</u>	<u>720 TD</u>

u *ll*



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

8261
8050

TICKET NUMBER 53859
 LOCATION Ottawa KS
 FOREMAN Fred Maden

FIELD TICKET & TREATMENT REPORT
 CEMENT

INVOICE #810954

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-8-17	4015	Wingert # P-5	NW 9	17	22	Mi
CUSTOMER			TRUCK #			
JTC Oil Inc			DRIVER			
MAILING ADDRESS			TRUCK #			
35790 Plum Creek Rd			DRIVER			
CITY			TRUCK #			
Osawatimie			DRIVER			
STATE			TRUCK #			
KS			DRIVER			
ZIP CODE			TRUCK #			
66064			DRIVER			

JOB TYPE Long string HOLE SIZE 6 1/4 HOLE DEPTH 740 CASING SIZE & WEIGHT 3 1/2" 10.2#/ft
 CASING DEPTH 727 DRILL PIPE Pm in TUBING @ 717' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 12'
 DISPLACEMENT 6 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 48 PM

REMARKS: Hold safety meeting. Establish circulation. Mix & Pump 100* Gel Flush. & Mix & Pump 67 SKS Thixo Blend II Cement w/ 1/2" Cello Flake /sk. Cement to surface. Flush pump & lines clean. Displace 3 1/2" Rubber plug to PM in casing. Pressure to 600* PSI. 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	20 mi	MILEAGE	495	142.00
CE0711	1/2 Milestone	Ton Miles Delivery	804	330.00
WE0853	1 1/2 hr	50 BBL Vac Truck.	369	150.00
		Sub Total		2123.00
		less 60%		1273.80
				849.20
1394 CC5861	67 SKS	Thixo Blend II Cement		1809.00
CC5965	100*	Bentonite Gel		30.00
CC6075	34**	Cello Flake		65.00
CP 8177	1	3 1/2" Rubber Plug		25.00
		Sub Total		1982.00
		less 60%		1189.20
				792.80

Ravin 3737

AUTHORIZATION [Signature] TITLE _____ DATE _____
 SALES TAX 8% ESTIMATED TOTAL 1705.42
 (4263.50)

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.