

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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PRESSURE PUMPING LLC

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

9781 / 9671

TICKET NUMBER 53948

LOCATION Ottawa KS

FOREMAN Fred Maden

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice #812108

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-21-17	4015	Waddle # P-1	SE 26	18	21	MI
CUSTOMER JTC Oil Inc			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 35790 Plum Creek Rd			712	Fred Maden		
CITY Osawatomie			495	Near Bar		
STATE KS			675	Kelley		
ZIP CODE 66064			503	Mikhael		

JOB TYPE Longstring HOLE SIZE ? HOLE DEPTH 560' CASING SIZE & WEIGHT 2 3/8 EUE
 CASING DEPTH 540' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug
 DISPLACEMENT 3.1 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Hold Safety meeting, Establish Circulation. Mix + Pump 100# Gel Flush. Mix + Pump 78 sks Thiro I Cement w/ 1/4" Cello Flake/sk. 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.

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE04501	1	PUMP CHARGE	495	1500 ⁰⁰
CE0002	20 mi.	MILEAGE	495	143 ⁰⁰
CE0711	1/3 minimum	Ten Miles Delivery	503	220 ⁰⁰
WE0853	1 hr	80 BBL Vac Truck	675	100 ⁰⁰
		Sub Total		1963 ⁰⁰
		LESS 45% -		883 ³⁵
				10796 ⁵
15217 CC 5860	78 sks	Thiro Blend I Cement	1950 ⁰⁰	
CC 5965	100#	Bentonite Gel	30 ⁰⁰	
CE 6075	20#	Cello Flake	40 ⁰⁰	
CP 8176	1	2 1/2" Rubber Plug	45 ⁰⁰	
		Sub Total		2065 ⁰⁰
		LESS 45% -		929 ²⁵
				1135 ²⁵
		8% SALES TAX		90 ⁸⁶
		ESTIMATED TOTAL		2306 ²⁶

Revin 3737

AUTHORIZATION _____ TITLE _____ DATE (4/19/20)

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.

DRILL LOG

Operator License# 32834

API # 15-121-31439-00-00

Operator _____ JTC Oil, Inc.

Lease East Waddle

Address 35790 Plum Creek Rd. Osaw. KS

Well # P-1

Contractor JTC Oil, Inc.

Spud Date 12/15/17 Cement 12/21/17

Contractor License 32834

Location _____ of _____

T.D. 600 T.D. of Pipe - 595

_____ feet from

Surface Pipe: 20' of 7" w/3sx cement _____ feet from _____

Kind of Well Producer

County Miami

Thickness	Strata	From	To	Thickness	Strata	From	To
2	soil	0	2	149	shale	173	322
6	lime	2	8	18	lime/shale	322	340
9	shale	8	17	14	lime	340	354
17	lime	17	34	43	shale	354	397
42	shale	34	76	6	coal	397	403
14	lime	76	90	19	lime/shale	403	422
9	shale	90	99	6	lime	422	428
31	lime	99	130	13	black shale	428	441
8	coal	130	138	14	lime	441	455
20	lime	138	158	11	shale	455	466
15	coal	158	173	2	lime	466	468

<u>2</u>	<u>coal</u>	<u>468</u>	<u>470</u>
<u>4</u>	<u>lime</u>	<u>470</u>	<u>474</u>
<u>4</u>	<u>lime oil</u>	<u>474</u>	<u>478</u>
<u>3</u>	<u>lime</u>	<u>478</u>	<u>481</u>
<u>6</u>	<u>shale</u>	<u>481</u>	<u>487</u>
<u>2</u>	<u>oil sand</u>	<u>487</u>	<u>489 good</u>
<u>2</u>	<u>oil sand</u>	<u>489</u>	<u>491 v good</u>
<u>2</u>	<u>oil sand</u>	<u>491</u>	<u>493 good</u>
<u>2</u>	<u>oil sand</u>	<u>493</u>	<u>495</u>
<u>2</u>	<u>oil sand</u>	<u>495</u>	<u>497</u>
<u>28</u>	<u>shale</u>	<u>497</u>	<u>525</u>
<u>15</u>	<u>black shale</u>	<u>525</u>	<u>540</u>
<u>10</u>	<u>shale</u>	<u>540</u>	<u>550</u>
<u>6</u>	<u>oil sand</u>	<u>550</u>	<u>556</u>
<u>44</u>	<u>shale</u>	<u>556</u>	<u>600</u>