KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1149426

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32834
Name: JTC Oil, Inc.
Address 1: PO BOX 24386
Address 2:
City: STANLEY State: KS Zip: 66283 + __ __ __ __
Contact Person: Tom Cain
Phone: (913) 208-7914
CONTRACTOR: License # 32834
Name: JTC Oil, Inc.
Wellsite Geologist: NA
Purchaser:

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☑ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ 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 ENHR ☐ Conv. to SWD
☐ Conv. to GSW
☐ Plug Back: Plug Back Total Depth
☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

05/17/2013	05/18/2013	05/23/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-059-26414-00-00
Spot Description:
NE - NW - SW - SW Sec. 29 Twp. 15 S. R. 21 ☑ East ☐ West
1064 Feet from ☐ North / ☑ South Line of Section
4938 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
County: Franklin
Lease Name: MOLDENHAUER Well #: W-60
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1016 Kelly Bushing: 1019
Total Depth: 800 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 20 w/ 5 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 1200 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated

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

☐ **Letter of Confidentiality Received**
Date:
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Deanna Garrison **Date:** 07/03/2013

Side Two

[redacted]

1149426

Operator Name: JTC Oil, Inc. Lease Name: MOLDENHAUER Well #: W-60

Sec. 29 Twp. 15 S. R. 21 ☑ East ☐ West County: Franklin

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No
Electric Log Run ☑ Yes ☐ No
Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Gamma
Neutron
CCL

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Squirrel		

CASING RECORD ☑ New ☐ 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
Surface	9	7	10	20	Portland	5	50/50 POZ
Production	5.625	2.875	8	778	Portland	85	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ Plug Off Zone	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

CONSOLIDATED
Oil Well Services, LLC

259121

TICKET NUMBER 41953
LOCATION Ottawa KS
FOREMAN Fred Mader

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
5/23/13	4015	Maldenhauer # W-60		15	21	FR

CUSTOMER: JTC Oil Inc
MAILING ADDRESS: 35688 Plum Creek Rd
CITY: Osawatomie | STATE: KS | ZIP CODE: 66064

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fre Mad		
495	Kei Car		
369	Dar Mas		
548	Mik Haa		

JOB TYPE Longstring | HOLE SIZE 5 7/8 | HOLE DEPTH 800' | CASING SIZE & WEIGHT 2½" EUE
CASING DEPTH 778' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT In CASING 2½" Plug
DISPLACEMENT 4.52 | DISPLACEMENT PSI | MIX PSI | RATE 4BPM.

REMARKS: Hold crew meeting. Establish pump rate. Mix & Pump 100# Gel Flush. Mix & Pump 85 sks OWC Cement. Cement to surface. Flush pump & lines clean. Displace 2½" Rubber plug to casing TD. Pressure to 800# PSI. Hold & Monitor pressure for 30 min MIT. Release pressure to set float valve. Shut in casing.

JTC Drilling — Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		1085.00
5406	—	MILEAGE			N/C
5402	778	Casing footage			N/C
5407	Minimum	Ton Miles	548		368.00
5502C	2hrs	80 BBL Vac Truck	369		180.00
1126	85 sks	OWC Cement			1678.75
1118B	100#	Premium Gel			22.00
4402	1	2½" Rubber Plug			29.50
			7.890	SALES TAX	134.96
				ESTIMATED TOTAL	3498.21

completed

Ravin 3737

AUTHORIZTION Eric Budden 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.

DRILL LOG

Operator License#

Operator

Address

Contractor JTC Oil, Inc.

Contractor License___32834

T.D. 800 T.D. of Pipe 778

Surf. Pipe Size_7" _Depth 20'

Kind of Well____ inj.

API 15-059-26414-00-00

Lease Name Moldenhauer

Well # W-60

Spud Date 5/17/13 Cement 5/23/13

Location_____ of_____

_____ feet from _____

_____ feet from _____

County Franklin

Thickness	Strata	From	To	Thickness	Strata	From	To
10	Dirt	0	10	77	Shale	208	285
72	Shale	10	82	40	Lime	285	325
6	Lime	82	88	43	Shale	325	368
4	Shale	88	92	3	Lime	368	371
16	Lime	92	108	14	Shale	371	385
7	Shale	108	115	33	Lime	385	418
11	Lime	115	126	4	Shale	418	422
3	Shale	126	129	20	Lime	422	442
21	Lime	129	150	10	Shale	442	452
36	Shale	150	186	5	Lime	452	457
22	Lime	146	208	9	Shale	457	466