KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1150620

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:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] 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 #:

03/19/2013	03/20/2013	04/04/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-121-29457-00-00
Spot Description:
NW - SE - SE - NW Sec. 16 Twp. 17 S. R. 22 [x] East [ ] West
2145 Feet from [x] North / [ ] South Line of Section
2145 Feet from [ ] East / [x] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [x] NW [ ] SE [ ] SW
County: Miami
Lease Name: GRIFFITH Well #: 7
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1029 Kelly Bushing: 1032
Total Depth: 680 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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:**
- [x] **Wireline Log Received**
- [ ] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrison **Date:** 07/08/2013

Side Two

[redacted]

1150620

Operator Name: JTC Oil, Inc. Lease Name: GRIFFITH Well #: 7

Sec. 16 Twp. 17 S. R. 22 ☑ East ☐ West County: Miami

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	657	Portland	83	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

DRILL LOG

Operator License# 32834

Operator

Address

Contractor JTC Oil, Inc.

Contractor License___32834

T.D. 680 T.D. of Pipe 657

Surf. Pipe Size_ 6.25 _Depth 23'

Kind of Well____prod

API 15-121-29457-00-00

Lease Name Griffith

Well # 7

Spud Date 3/19/13 Cement 4/4/13

Location_____ of_____

_____ feet from _____

_____ feet from _____

County Miami

Thickness	Strata	From	To	Thickness	Strata	From To
2	soil	0	2	26	lime	230-256
13	lime	2	15	8	black shale	256-264
102	shale	15	117	22	lime	264-286
18	lime	117	135	5	coal	286-291
9	shale	135	144	13	lime	291-304
2	lime	144	146	132	shale	304-436
22	shale	146	168	6	red bed	436-442
8	lime	168	176	16	shale	442-458
28	shale	176	204	3	oil sand	458-461 ok
16	lime	204	220	2	shale	461-463
10	shale	220	230	13	lime	463-476

31	shale	476-517
6	black shale	517-522
8	lime	522-530
13	black shale	530-543
3	lime	543-546
12	black shale	546-558
8	lime	558-566
9	shale	566-575
3	lime	575-578
3	shale	578-581
2	lime	581-583
5	coal	583-588
3	lime	588-591
17	shale	591-598
2	oil sand	598-600 good
2	oil sand	600-602 vgood
2	oil sand	602-604 vgood
2	oil sand	604-606 vgood
2	oil sand	606-608 broken
72	shale	608-680

CONSOLIDATED
Oil Well Services, LLC

257862

TICKET NUMBER 38694
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
4/4/13	4015	Griffiths #7	SW 16	17	22	MI

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

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fre Mad	Safety	Mtg
495	Har Bec	HB	
675	Jas Ric	JR	
510	Set Tuc	ST	

JOB TYPE Longstring | HOLE SIZE 6 | HOLE DEPTH 680 | CASING SIZE & WEIGHT 2 7/8 - EUE
CASING DEPTH 657 | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT In CASING 2½" Plug
DISPLACEMENT 3.82 BBL | DISPLACEMENT PSI | MIX PSI | RATE 4 BPM

REMARKS: Hold crew meeting. Establish pump rate. Mix + Pump 100# Gel Flush. Mix + Pump sks 0WC Cement. Cement to Surface. Flush pump + lines clean. Displace 2½" rubber plug to casing TD. Pressure to 800# PSI. Release pressure to set float value. Shut in Casing.

Fred Mader

JTC Drilling

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		1030.00
5406	—	MILEAGE			N/C
5402	657	Casing footage			N/C
5407	½ Minimum	Ton Miles	510		175.00
5502C	1½ hr	80 BBL Vac Truck	675		135.00
1126	83 sks	OWC Cement			1560.45
1118B	100#	Premium Gel			21.00
4402	1	2½" Rubber Plug			28.00
			7.55%	SALES TAX	121.51
				ESTIMATED TOTAL	3070.96

completed

Ravin 3737

AUTHORIZTION Kim Bradden 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 fo