

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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 # 33858  
Name: J & J Operating, LLC  
Address 1: 10380 West 179th Street  
Address 2: \_\_\_\_\_  
City: Bucyrus State: KS Zip: 66013 + 9596  
Contact Person: Marcia Littell  
Phone: ( 913 ) 256-9384  
CONTRACTOR: License # 32834  
Name: JTC Oil, Inc.  
Wellsite Geologist: \_\_\_\_\_  
Purchaser: Pacer Energy Marketing, LLC.

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Designate Type of Completion: **KCC WICHITA**

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW
- 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 #: \_\_\_\_\_

<u>9/19/2010</u>	<u>9/27/2010</u>	<u>11/2/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 045-21680-00-00

Spot Description: \_\_\_\_\_

NW SW NW NE Sec. 31 Twp. 13 S. R. 21  East  West

825 Feet from  North /  South Line of Section

2,475 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Douglas

Lease Name: South Grosdidier Well #: 2

Field Name: Little Wakarusa

Producing Formation: Squirrel

Elevation: Ground: 974' Kelly Bushing: \_\_\_\_\_

Total Depth: 800' Plug Back Total Depth: 782'

Amount of Surface Pipe Set and Cemented at: 40 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: 782

feet depth to: surface w/ 124 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 #: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Marcia Littell

Title: Compliance Coordinator Date: 12/2/2010

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: Dg Date: 12/16/10

Operator Name: J & J Operating, LLC Lease Name: South Grosdidier Well #: 2  
 Sec. 31 Twp. 13 S. R. 21  East  West County: Douglas

**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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Gamma Ray/Neutron</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input checked="" 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
Surface	9 7/8"	7"	23.0#	40'	Portland	3 sx	
Production	5 5/8"	2 7/8"	5.8#	782'	50/50 Poz	124 sx	2% gel, 1/2# Pheno-seal

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				

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
2 SPF	739-749' 21 Perfs	Spot 75 gal 15% HCL	739-749'
		131 bbls. city H2o w KCL	
		300# 20/40, 2700# 12/20 sand	

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TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 27157  
LOCATION Ottawa KS  
FOREMAN Fred Mader

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8678

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9/27/10	4028	So. Grassdier 2	NE 31	13	12	DG
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
JFS Operating, LLC			506	Fred	Safety Mtg.	
MAILING ADDRESS			368	Kan	KD	
10380 W 179th			548	Derek	DM	
CITY	STATE	ZIP CODE	370	Harold	HJB	
Bucyrus	KS	66013-7596				

JOB TYPE Long string HOLE SIZE 6" HOLE DEPTH 840' CASING SIZE & WEIGHT 2 1/8" EUE  
 CASING DEPTH 815' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/lak \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Plug  
 DISPLACEMENT 4.75' DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4BPM

REMARKS: Establish circulation. Mix & Pump 450# Premium Gel Flush.  
Circulate from pit. Casing Jacked up. Chained casing down &  
Wash from pit. Mix & Pump 124 sks 50/50 Por Mix  
Cement 2 1/2" Gel 1/2" Phenol Seal per sack. Cement to Surface.  
Flush pump & lines clean. Displace 2 1/2" Rubber Plug to  
Casing TD w/ 4.75 BBL Fresh water. Pressure to 800# PSI  
Release pressure to set float valve. Shut in casing.

JTC Drilling

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		925 <sup>00</sup>
5406	.30 mi	MILEAGE		109 <sup>50</sup>
5402	815'	Casing Footage		N/C
5407	minimum	Ten miles		315 <sup>00</sup>
9502C	3 hrs	80 BBL Vac Truck		300 <sup>00</sup>
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7124	121 SCS	50/50 Por Mix Cement KCC WICHITA		1190. <sup>64</sup>
7118B	659#	Premium Gel		131 <sup>00</sup>
#107A	62#	Pheno Seal		71 <sup>80</sup>
#402	1	2 1/2" Rubber Plug		28 <sup>00</sup>
<u>WD # 276881</u>				
			7.3%	SALES TAX
				ESTIMATED TOTAL
				103 <sup>40</sup>
				316 <sup>00</sup>

RAVN 3737 AUTHORIZATION [Signature] 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.