



KANSAS CORPORATION COMMISSION 1091529  
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 # 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: none  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     S1OW  
 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>07/25/2012</u>	<u>07/26/2012</u>	<u>08/06/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-107-24621-00-00

Spot Description: \_\_\_\_\_  
NE SW NW NE Sec. 21 Twp. 20 S. R. 22  East  West  
4600 Feet from  North /  South Line of Section  
2305 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Linn

Lease Name: Ralph Nickell Sr Well #: 33

Field Name: \_\_\_\_\_

Producing Formation: Squirrel

Elevation: Ground: 960 Kelly Bushing: 964

Total Depth: 618 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/ 3 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1500 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: Doanna Gerrico Date: 08/30/2012



1091529

Operator Name: JTC Oil, Inc. Lease Name: Ralph Nickell Sr Well #: 33  
 Sec. 21 Twp. 20 S. R. 22  East  West County: Linn

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Gamma Neutron CCL	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Gamma
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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	10	20	Portland	3	50/50 POZ
Production	6.625	2.875	8	591	Portland	58	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
2	530-540	2" DML RTG	10
2	550-554	2" DML RTG	4

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
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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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 37534

LOCATION Ottawa KS

FOREMAN Fred Maden

PO Box 884, Chanute, KS 68720  
620-431-9210 or 800-467-8676

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7/31/12	4015	Ralph Mickell SR. # 33	NW 21	20	22	LN
CUSTOMER JTC Oil Inc			TRUCK #			
MAILING ADDRESS 3568 Plum Creek Rd			DRIVER			
CITY Osawatomie			TRUCK #			
STATE KS			DRIVER			
ZIP CODE 66064			TRUCK #			
			DRIVER			

JOB TYPE Long string HOLE SIZE 6" HOLE DEPTH 618' CASING SIZE & WEIGHT 2 7/8 EUC  
 CASING DEPTH 591' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 2 1/2" Plug  
 DISPLACEMENT 3.448 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Establish circulation. Mix Pump 100' Gel Flush. Mix Pump  
58 SLS OWC Cement. 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. Shut in  
Casing.

*Fred Maden*

JTC Drilling

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	369	1030 <sup>00</sup>
5406	—	MILEAGE		N/C
5402	571	Casing footage		N/C
5407	1/2 Minimum	Ton Miles	558	175 <sup>00</sup>
5502	1 1/2 hr	FOBBL Vac Truck	369	135 <sup>00</sup>
1126	58 SLS	OWC Cement		1090 <sup>40</sup>
1158	100'	Premium Gel		21 <sup>00</sup>
4402	1	2 1/2" Rubber Plug		28 <sup>00</sup>
			6.37	SALES TAX
				ESTIMATED
				TOTAL
				2551 <sup>18</sup>

COMPLETED

Revin 3737

AUTHORIZATION *JTC* 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.

251723

## DRILL LOG

Operator License# \_\_\_\_\_

API 15-107-24621-00-00

Operator \_\_\_\_\_

Lease Name Ralph Nickell Sr.

Address \_\_\_\_\_

Well # 33

Contractor JTC Oil, Inc.

Spud Date 7/25/12 Cement 7/31/12

Contractor License\_\_32834

Location \_\_\_\_\_ of \_\_\_\_\_

T.D. 618 T.D. of Pipe 591.25

\_\_\_\_\_ feet from \_\_\_\_\_

Surf. Pipe Size \_\_\_\_\_ Depth \_\_\_\_\_

\_\_\_\_\_ feet from \_\_\_\_\_

Kind of Well \_\_\_\_\_

County Linn

Thickness	Strata	From	To	Thickness	Strata	From	To
3	soil	0	3				
6	clay	3	9				
23	shale	9	32				
1	lime	32	33				
2	shale	33	35				
1	lime	35	36				
2	shale	36	38				
6	lime	38	44				
6	shale	44	50				
36	lime	50	86				
8	shale dark	86	92				

N. Sr. 33

<u>3</u>	<u>lime</u>	<u>92</u>	<u>95</u>
<u>5</u>	<u>shale</u>	<u>95</u>	<u>100</u>
<u>16</u>	<u>lime</u>	<u>100</u>	<u>116</u>
<u>2</u>	<u>shale</u>	<u>116</u>	<u>118</u>
<u>9</u>	<u>black shale</u>	<u>118</u>	<u>127</u>
<u>7</u>	<u>lime</u>	<u>127</u>	<u>134</u>
<u>1</u>	<u>shale</u>	<u>134</u>	<u>135</u>
<u>6</u>	<u>lime</u>	<u>136</u>	<u>142</u>
<u>116</u>	<u>shale</u>	<u>142</u>	<u>258</u>
<u>2</u>	<u>lime</u>	<u>258</u>	<u>260</u>
<u>40</u>	<u>shale</u>	<u>260</u>	<u>300</u>
<u>9</u>	<u>lime</u>	<u>300</u>	<u>309</u>
<u>10</u>	<u>shale</u>	<u>305</u>	<u>315</u>
<u>18</u>	<u>lime</u>	<u>315</u>	<u>333</u>
<u>5</u>	<u>shale</u>	<u>333</u>	<u>338</u>
<u>2</u>	<u>lime</u>	<u>338</u>	<u>340</u>
<u>48</u>	<u>shale</u>	<u>340</u>	<u>388</u>
<u>17</u>	<u>lime</u>	<u>388</u>	<u>405</u>
<u>7</u>	<u>shale</u>	<u>405</u>	<u>412</u>
<u>3</u>	<u>lime</u>	<u>412</u>	<u>415</u>
<u>2</u>	<u>shale</u>	<u>415</u>	<u>417</u>
<u>2</u>	<u>lime</u>	<u>417</u>	<u>419</u>

N. Sr. 33

<u>26</u>	<u>shale</u>	<u>419</u>	<u>445</u>
<u>11</u>	<u>lime</u>	<u>445</u>	<u>456</u>
<u>18</u>	<u>shale</u>	<u>456</u>	<u>474</u>
<u>4</u>	<u>lime</u>	<u>474</u>	<u>478</u>
<u>10</u>	<u>shale</u>	<u>478</u>	<u>488</u>
<u>1</u>	<u>lime</u>	<u>488</u>	<u>489</u>
<u>31</u>	<u>Shale</u>	<u>489</u>	<u>520</u>
<u>2</u>	<u>little oil</u>	<u>520</u>	<u>522</u>
<u>2</u>	<u>little oil</u>	<u>522</u>	<u>524</u>
<u>2</u>	<u>little oil</u>	<u>524</u>	<u>526</u>
<u>2</u>	<u>little oil</u>	<u>526</u>	<u>528</u>
<u>2</u>	<u>little</u>	<u>528</u>	<u>530</u>
<u>2</u>	<u>good</u>	<u>530</u>	<u>532</u>
<u>2</u>	<u>v good</u>	<u>532</u>	<u>534</u>
<u>2</u>	<u>v good</u>	<u>534</u>	<u>536</u>
<u>2</u>	<u>good</u>	<u>536</u>	<u>538</u>
<u>2</u>	<u>little</u>	<u>538</u>	<u>540</u>
<u>2</u>	<u>shale</u>	<u>540</u>	<u>542</u>
<u>2</u>	<u>little sand</u>	<u>542</u>	<u>544</u>
<u>2</u>	<u>little</u>	<u>544</u>	<u>546</u>
<u>2</u>	<u>little</u>	<u>546</u>	<u>548</u>
<u>2</u>	<u>pool</u>	<u>548</u>	<u>550</u>

N. Sr. 33

<u>2</u>	<u>v good</u>	<u>550</u>	<u>552</u>
<u>2</u>	<u>v good</u>	<u>552</u>	<u>554</u>
<u>2</u>	<u>v good</u>	<u>554</u>	<u>556</u>
<u>2</u>		<u>556</u>	<u>558</u>
<u>2</u>	<u>shale</u>	<u>558</u>	<u>560</u>
<u>17</u>	<u>shale</u>	<u>560</u>	<u>577</u>
<u>2</u>	<u>lime</u>	<u>577</u>	<u>579</u>
<u>20</u>	<u>shale dark</u>	<u>579</u>	<u>599</u>
<u>6</u>	<u>lime</u>	<u>599</u>	<u>605</u>
<u>13</u>	<u>shale dark</u>	<u>605</u>	<u>618</u>