



KANSAS CORPORATION COMMISSION 1169696  
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 # \_\_\_\_\_

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       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 #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

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

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1169696

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

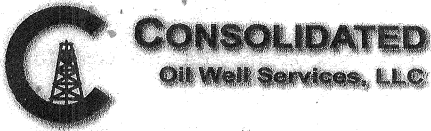
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

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
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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TICKET NUMBER 41955  
 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
5/24/13	None	L. Schendel # 24	NW 24	16	21	FR
CUSTOMER Jay Schendel			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY			TRUCK #			
STATE			DRIVER			
ZIP CODE			TRUCK #			
			DRIVER			

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 760 CASING SIZE & WEIGHT 2 7/8 EUE  
 CASING DEPTH 735 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" Plug  
 DISPLACEMENT 4.27 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5 BPM

REMARKS: Hold crew meeting. Establish pump rate. Mix + Pump 100# Gel  
Flush. Mix + Pump 90 SKS 70/30 for Mix Cement 2% Gel 5% Salt  
1/2" Pheno Seal/ck. Cement to surface. Flush pump + lines clean.  
Displace 2 1/2" Rubber plug to casing TD. 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	495	1085 <sup>00</sup>
5406	—	MILEAGE		N/C
5402	735	Casing footage		N/C
5407	1/2 minimum	Ten Miles		184 <sup>00</sup>
5502C	1 1/2 hr	80 BBL Vac Truck		135 <sup>00</sup>
1127	90 SKS	70/30 for Mix Cement		120 50
1118B	252*	Premium Gel		55 44
1111	174*	Granulated Salt		67 84
1107A	45*	Pheno Seal		60 75
4402	1	2 1/2" Rubber plug		29 50
<u>Paid ck # 1051</u>				
7.55% <del>TAX</del>				SALES TAX
				ESTIMATED
				TOTAL

Ravin 3737 AUTHORIZATION Bin Bude 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 # 32620                      API # 15-15-121-29509-00-00

Operator Jay M. Schendel, a general partnership      Lease Name L. Schendel

Address 4134 Reno Road                      Well # L-24

Wellsville, KS 66092-8861

Contractor JTC Oil, Inc.                      Spud Date 5/21/13 Cement 5/24/13

Contractor License 32834                      Location \_\_\_\_\_ of \_\_\_\_\_

T.D. 760 T.D. of Pipe 735                      \_\_\_\_\_ feet from \_\_\_\_\_

Surf. Pipe Size 7" Depth 20'                      \_\_\_\_\_ feet from \_\_\_\_\_

Kind of Well Production                      County Miami

Thickness	Strata	From	To	Thickness	Strata	From	To
<u>10</u>	<u>Dirt</u>	<u>0</u>	<u>10</u>	<u>16</u>	<u>Shale</u>	<u>74</u>	<u>90</u>
<u>6</u>	<u>Lime</u>	<u>10</u>	<u>16</u>	<u>22</u>	<u>Lime</u>	<u>90</u>	<u>112</u>
<u>7</u>	<u>Shale</u>	<u>16</u>	<u>23</u>	<u>88</u>	<u>Shale</u>	<u>112</u>	<u>200</u>
<u>10</u>	<u>Lime</u>	<u>23</u>	<u>33</u>	<u>20</u>	<u>Lime</u>	<u>200</u>	<u>220</u>
<u>2</u>	<u>Shale</u>	<u>33</u>	<u>35</u>	<u>15</u>	<u>Shale</u>	<u>220</u>	<u>235</u>
<u>2</u>	<u>Lime</u>	<u>35</u>	<u>37</u>	<u>1</u>	<u>Lime</u>	<u>235</u>	<u>236</u>
<u>2</u>	<u>Shale</u>	<u>37</u>	<u>40</u>	<u>16</u>	<u>Shale</u>	<u>236</u>	<u>252</u>
<u>2</u>	<u>Lime</u>	<u>40</u>	<u>42</u>	<u>9</u>	<u>Lime</u>	<u>252</u>	<u>261</u>
<u>4</u>	<u>Shale</u>	<u>42</u>	<u>46</u>	<u>7</u>	<u>Shale</u>	<u>261</u>	<u>268</u>
<u>17</u>	<u>Lime</u>	<u>46</u>	<u>63</u>	<u>2</u>	<u>Lime</u>	<u>268</u>	<u>270</u>
<u>11</u>	<u>Shale</u>	<u>63</u>	<u>74</u>	<u>12</u>	<u>Shale</u>	<u>270</u>	<u>282</u>

2	Lime	282	284
2	Shale	284	286
6	Lime	286	292
6	Shale	292	298
2	Lime	298	300
16	Shale	300	316
9	Lime	316	325
2	Shale	325	327
13	Lime	327	340
7	Shale	340	347
24	Lime	347	371
4	Shale	371	375
5	Lime	375	380
3	Shale	380	383
5	Lime	383	388
142	Shale	388	530
24	Mix	530	554
8	Lime	554	562
30	Shale	562	592
5	Lime	592	597
5	Shale	597	602
2	Tiny Oil Sand	602	604
12	Shale	604	616
6	Lime	616	622

6	Shale	622	628
4	Lime	628	632
5	Shale	632	637
13	Lime Mix	637	650
21	Shale	650	671
2	Little Top Sand	671	673
2	Little	673	675
2	Little	675	677
2	Tiny	677	679
2	Good	679	681
2	Little	681	683
2	Little	683	685
2	Little	685	687
2	Tiny	687	689
2	Shale	689	691
19	Shale	691	710
20	Mix	710	730
6	Lime	730	736
24	Shale Mix	736	760