



KANSAS CORPORATION COMMISSION 1169703
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: _____



1169703

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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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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PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

TICKET NUMBER 41954
LOCATION Ottawa KS
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/24/13	None	L. Schendel #25	NW 24	16	21	Ml
CUSTOMER Jay Schendel						
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			712	Fremad		
STATE			485	Kai Car		
ZIP CODE			369	PerMas		
			510	Set Tuc		

JOB TYPE Long string HOLE SIZE 5 7/8 HOLE DEPTH 740 CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 705 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2 1/2" Plug
 DISPLACEMENT 4.1 DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Hold crew mixing. Establish pump rate. Mix + Pump 100# Gel
Flush. Mix + Pump 5ks 70/30 Poz Mix Cement 2% Gel 5% Salt
1/2" Pheno Seal / sk. 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 ⁰⁰
5406	20 mi	MILEAGE	495	9900
5402	705	Casing footage		N/C
5407	1/2 minimum	Ton Miles	510	1845 ⁰⁰
5582C	1 1/2 hr	80 BBL Vac Truck	369	1350 ⁰⁰
1127	90 SKS	70/30 Poz Mix Cement		120150
1118B	252#	Premium Gel		655 ⁴⁹
1111	174#	Granulated Salt		6784
1107A	45#	Pheno Seal		6075
4402	1	2 1/2" Rubber Plug		2950
<u>paid CR # 1051</u>				
		7.55%	SALES TAX	10684
			ESTIMATED TOTAL	3009.89

RAVIN 3737
 AUTHORIZATION Don Budd 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 # 15-15-121-29508-00-00

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

Address 4134 Reno Road Well # L-25

Wellsville, KS 66092-8861

Contractor JTC Oil, Inc. Spud Date 5/20/13 Cement 5/24/13

Contractor License 32834 Location _____ of _____

T.D. 740 T.D. of Pipe 705 _____ feet from _____

Surf. Pipe Size 7" Depth 20' _____ feet from _____

Kind of Well Production County Miami

Thickness	Strata	From	To	Thickness	Strata	From	To
8	Dirt	0	8	2	Lime	80	100
2	Lime	8	10	92	Shale	100	192
5	Dirt	10	15	19	Lime	192	211
2	Shale	15	17	14	Shale	211	225
11	Lime	17	28	3	Lime	225	228
2	Shale	28	30	14	Shale	228	242
4	Lime	30	34	10	Lime	242	252
4	Shale	34	38	16	Shale	252	268
19	Lime	38	57	4	Lime/Tiny Oil	268	272
9	Red Shale	57	66	7	Shale	272	279
14	Shale	66	80	9	Lime	279	288

6	Shale	288	294
2	Lime	294	296
16	Shale	296	312
23	Lime	312	335
7	Shale	335	342
25	Lime	342	367
4	Shale	367	371
5	Lime	371	376
3	Shale	376	379
5	Lime	379	384
126	Shale	384	510
11	Shale Mix	510	521
29	Shale	521	550
6	Lime	550	556
30	Shale	556	586
9	Lime	586	595
2	Tiny Oil/Sand	595	597
12	Shale	597	609
4	Lime	609	613
8	Shale	613	621
7	Lime	621	628
2	Shale	628	630
11	Lime	630	641
24	Mix	641	665

2	Little Sand	665	667
2	Good	667	669
2	Good Bleed/Laminated	669-671	
2	Laminated	671	673
2	Little Bleed/Laminated	673-675	
2	Laminated	675	677
2	Laminated	677	679
2	Laminated	679	681
2	Laminated	681	683
2	Shale	683	685
55	Shale	685	740