

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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 # 5983  
Name: VICTOR J. LEIS  
Address 1: BOX 223  
Address 2: \_\_\_\_\_  
City: YATES CENTER State: KS Zip: 66783 + \_\_\_\_\_  
Contact Person: RYAN M. LEIS  
Phone: (785) 313-2567  
CONTRACTOR: License # 32079  
Name: JOHN E. LEIS  
Wellsite Geologist: NA  
Purchaser: PACER

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: NA  
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 #: \_\_\_\_\_

12/7/2009	12/8/2009	12/29/2009
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 207-27541-0000

Spot Description: \_\_\_\_\_  
NW\_NW\_SW\_SE Sec. 33 Twp. 23 S. R. 16  East  West  
1,078 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: WOODSON  
Lease Name: TANNAHILL Well #: N-5  
Field Name: VERNON  
Producing Formation: SQUIRREL  
Elevation: Ground: NA Kelly Bushing: \_\_\_\_\_  
Total Depth: 1110 Plug Back Total Depth: NA  
Amount of Surface Pipe Set and Cemented at: 42 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 1104  
feet depth to: SURFACE w/ 121 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)

Chloride content: NA 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 #: \_\_\_\_\_

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**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: [Signature]  
Title: Agent Date: 2/12/12

**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: 2/17/12

Operator Name: VICTOR J. LEIS Lease Name: TANNAHILL Well #: N-5  
 Sec. 33 Twp. 23 S. R. 16  East  West County: WOODSON

**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 (Attach Additional Sheets)  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 (If no, Submit Copy)	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  Name Top Datum SEE ATTACHED
List All E. Logs Run: <b>GAMMA RAY/ NEUTRON</b>	

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	10"	7"	23.5	42	PORTLAND	10	NA
CASING	5 7/8	2 7/8	6	1104	OWC	121	NA

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				

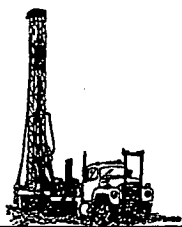
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	PERF 20 SHOTS 1052-62; 12 SHOTS 1064-70	FRAC W/ 6000LBS SAND/ GELLED WATER	1052

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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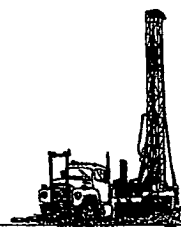
Date of First, Resumed Production, SWD or ENHR. 10/11/2011		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls. 10	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# LEIS OIL SERVICES



111 East Mary • Yates Center, Kansas 66783 • (620) 625-3676

Operator License #: 5983	API #: 207-27541-0000
Operator: Victor J. Leis	Lease: Tannahill
Address: PO Box 223 Yates Center, KS 66783	Well #: N-5
Phone: (785) 313-2567	Spud Date: 12.07.09 Completed: 12.08.09
Contractor License: 32079	Location: NW-NW-SW-SE of 33-23-16E
T.D. : 1110 T.D. of Pipe: 1104	1078 Feet From South
Surface Pipe Size: 7" Depth: 42'	2475 Feet From East
Kind of Well: Oil	County: Woodson

## LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
9	Soil and Clay	0	9	3	Lime	947	950
2	Lime	9	11	3	Black Shale	950	953
8	Shale	11	19	11	Shale	953	964
2	Lime	19	21	12	Lime	964	972
176	Shale	21	197	11	Shale	972	983
67	Lime	197	264	5	Lime	983	988
21	Shale	264	285	1	Shale	988	989
140	Lime	285	425	3	Lime	989	992
46	Soft Lime	425	471	4	Black Shale	992	996
13	Lime	471	484	2	Lime	996	998
16	Shale	484	500	3	Black Shale	998	1001
5	Lime	500	505	5	Shale	1001	1006
21	Shale	505	526	6	Broken Oil Sand	1006	1012
4	Lime	526	530	32	Shale	1012	1044
7	Shale	530	537	2	Lime	1044	1046
132	Lime	537	669	12	Oil Sand	1046	1058
155	Shale	669	824	52	Shale	1058	1110
4	Lime	824	828				
21	Shale	828	849				
10	Lime	849	859				
2	Black Shale	859	861				
58	Shale	861	919				
2	Lime	919	921		TD		1110
5	Shale	921	926		TD of pipe		1104
7	Lime	926	933				
2	Shale	933	935				
2	Lime	935	937				
2	Shale	937	939				
2	Lime	939	941				
2	Shale	941	943				
2	Lime	943	945				
2	Shale	945	947				

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J Box 884, Chanute, KS 66720  
20-431-9210 or 800-467-8676

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/14/09	5353	Tannahill # N-5	SW 33	23	16	WO
CUSTOMER Midway Oil Company			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 1000			506	Fred	510	Jason
CITY Miami			368	Ken		
STATE OK			369	Chuck		
ZIP CODE 74354			548	Arken		

JOB TYPE hang string HOLE SIZE 5 7/8 HOLE DEPTH 1110 CASING SIZE & WEIGHT 2 7/8 EUE  
CASING DEPTH 1107 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2 Plug  
DISPLACEMENT 6.4 BBL DISPLACEMENT PSI 1500 MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Establish circulation. Mix & Pump 200# Premium Gel Flush. Circulate from pit 1 hr. Mix & Pump 100# Gel Flush. Mix & Pump 10 BBL Tale tale dye. Mix & Pump 84 sks 50/50 Por mix Cement 4% Gel. Follow w/ 40 sks owc Cement. Flush Pump & lines clean. Displace 2 1/2" Rubber Plug to casing TD w/ 6.4 BBL Fresh water. Pressure to 1500# PSI. Release Pressure to set float valve.

John Heis Drilling

Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump		870 <sup>00</sup>
5406	60 mi	MILEAGE Pump Truck		207 <sup>00</sup>
5402	2107'	Casing Footage		N/C
5407	Minimum	Ton Miles #548		296 <sup>00</sup>
5407	Minimum	Ton Miles #510		296 <sup>00</sup>
5502S	4 hrs	80 BBL Vac Truck		376 <sup>00</sup>
1126	40 sks	owc Cement		640 <sup>00</sup>
1124	81 sks	50/50 Por Mix Cement		749 <sup>25</sup>
1118B	582#	Premium Gel		93 <sup>12</sup>
4402	1	2 1/2" Rubber Plug		22 <sup>00</sup>
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				KCC WICHITA
				WO# 232400
				6.3%
				SALES TAX 9478
				ESTIMATED TOTAL 3644 <sup>15</sup>

Revin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_