

**CONFIDENTIAL**

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

**KCC**

11/15/12

OPERATOR: License # 5056  
Name: F.G. Holl Company, L.L.C.  
Address 1: 9431 E. Central, Suite 100  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67206  
Contact Person: Franklin R. Greenbaum  
Phone: (316) 684-8481, Ext. 206  
CONTRACTOR: License # 5929  
Name: Duke Drilling Company Inc., Rig #8  
Wellsite Geologist: Rene Husted  
Purchaser: NCRA

NOV 15 2010  
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KCC WICHITA

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: F.G. Holl Company, L.L.C.  
Well Name: MAUCH 1-28

Original Comp. Date: 03/02/2010 Original Total Depth: 3750'  
 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 #: \_\_\_\_\_

RU: 10/21/2010 02/19/2010 RD: 10/29/2010  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 009-25,387-00-01  
Spot Description: 220' W. & 80' S. OF  
NW SE Sec. 28 Twp. 20 S. R. 14  East  West  
1,900 Feet from  North /  South Line of Section  
2,200 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Barton  
Lease Name: MAUCH "OWWO" Well #: 1-28  
Field Name: Jettie West  
Producing Formation: Lansing-Kansas City  
Elevation: Ground: 1901' Kelly Bushing: 1909'  
Total Depth: 3750' Plug Back Total Depth: 3540'  
Amount of Surface Pipe Set and Cemented at: 863 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: 17,000 ppm Fluid volume: <100 bbls  
Dewatering method used: Hauled free fluids to SWD  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: Pauls Oilfield Service, INC.  
Lease Name: Dipman SWD License #: 31085  
Quarter SW Sec. 34 Twp. 21 S. R. 16  East  West  
County: Pawnee Permit #: D-03589

**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: Franklin R. Greenbaum  
Title: Exploration Manager Date: 11/09/2010

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: 11/15/12 - 11/15/12
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UJC Distribution
- ALT  I  II  III Approved by: WJ DJG Date: 11/15/12

Operator Name: F.G. Holl Company, L.L.C. Lease Name: MAUCH "OWWO" Well #: 1-28  
 Sec. 28 Twp 20 S. R. 14  East  West County: Barton

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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: CDL/CNL/ML  BHCS/DIL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum See attachment
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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	12-1/4"	8-5/8"	23#	863'	A-Con	175sx	2% gel, 3%cc
					Common	150sx	
Production	7-7/8"	5-1/2"	15.5#	3749'	60/40Poz & AA-2	50 & 150sx	2% gel, 3%cc

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 <i>(Amount and Kind of Material Used)</i>	Depth
4 SPF	3439' - 3444' LKC "J", 3426' - 3431' LKC "I"	Spotted 500 gal 10% acetic acid	
		Treat "I" zone w/ 500 gal 15% nefe acid	
		Treat "J" zone w/ 500 gal 15% nefe acid	
		Treat both zones w/ 1250 gal 15% nefe acid	
	CIBP @ 3540'		

TUBING RECORD: Size: <u>2-7/8"</u> Set At: <u>3522'</u> Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>10/29/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbbs. <u>50</u>	Gas Mcf _____	Water Bbbs. _____	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 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: <u>3426' - 3444' OA Lansing-Kansas City</u>
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