

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

5/5/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5056
Name: F.G. Holl Company, L.L.C.
Address: 9431 E. Central, Suite 100
City/State/Zip: Wichita, Kansas 67206
Purchaser: NCRA
Operator Contact Person: Franklin R. Greenbaum
Phone: (316) 684-8481, Ext. 206
Contractor: Name: Duke Drilling Company, Inc., Rig #8
License: 5929
Wellsite Geologist: Ryan Greenbaum

KCC
MAY 05 2010
CONFIDENTIAL

Designate Type of Completion:
___ New Well ___ Re-Entry Workover
___ Oil ___ SWD ___ SIOW ___ Temp. Abd.
 Gas ___ ENHR SIGW
___ Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator: F.G. Holl Company, L.L.C.
Well Name: KASSELMAN 1-21

Original Comp. Date: 09/10/2008 Original Total Depth: 3975'
___ Deepening Re-perf. ___ Conv. to Enhr./SWD
___ Plug Back 3400' ___ Plug Back Total Depth
___ Commingled ___ Docket No. ___
___ Dual Completion ___ Docket No. ___
___ Other (SWD or Enhr.?) ___ Docket No. ___

RU:04/28/2010 8/14/2008 RD:04/29/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 145-21,577-0001
County: Pawnee, 80' West of
C ^{E/2} ^{NW} _{S/2} _{SE} Sec. 21 Twp. 21 S. R. 15 East West
1650 feet from (S) / N (circle one) Line of Section
1400 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: KASSELMAN "OWWO" Well #: 1-21
Field Name: Sweeney
Producing Formation: Winfield
Elevation: Ground: 1950' Kelly Bushing: 1958'
Total Depth: 3975' Plug Back Total Depth: 3400'
Amount of Surface Pipe Set and Cemented at 937 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 **UDW 5-10-10**
(Data must be collected from the Reserve File)
Chloride content 30000 ppm Fluid volume 1000 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 No.: 31085
Quarter _____ Sec. 34 Twp. 21 S. R. 16 East West
County: Pawnee Docket No.: 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.

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: 05/05/2010
Subscribed and sworn to before me this 5th day of May 2010
State of Kansas; Sedgwick County
Notary Public: Betty H. Spotswood
Date Commission Expires: 04/30/2014

Notary Public - State of Kansas
BETTY H. SPOTSWOOD
My Appointment Expires 4/30/2014

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
MAY 06 2010
CONSERVATION DIVISION
WICHITA, KS

Operator Name: F.G. Holl Company, L.L.C. Lease Name: KASSELMAN Well #: 1-21
 Sec. 21 Twp. 21 S. R. 15 East West County: Pawnee, 80' West of

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 copy of all Electric Wireline 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 <i>(Submit Copy)</i> List All E. Logs Run: DIL/ML/TS/CDL/CNL BHCS/CPI/Sector bond log	<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 checked="" 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#	937'	A-Con & Corn	200sx & 150sx	
Production	7-7/8"	4-1/2"	10.5#	3974'	AA-2	320sx	

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
4 SPF	1944' - 1952' Winfield	500 gal 10% Mira acid	
	CIBP @ 3400'		

TUBING RECORD	Size Set At 2-3/8" 3593'	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. Waiting for pipeline connection	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.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
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Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 1944' - 1952' Winfield
(If vented, Submit ACO-18.) Other (Specify) _____