KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 5056
Name: F.G. Holl Company, L.L.C.
Address: 9431 E. Central, P.O. BOX 780167
City/State/Zip: Wichita, KS. 67278
Purchaser: NCRA
Operator Contact Person: Franklin R. Greenbaum
Phone: (316) 684-8481
Contractor: Name: L.D. Drilling, Inc.
License: 6039
Wellsite Geologist: Kim Shoemaker

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:
Well Name:
Original Comp. Date: ____ Original Total Depth: ____
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No.
____ Dual Completion Docket No.
____ Other (SWD or Enhr.?) Docket No.

08/22/2002	08/30/2002	10/11/2002
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23,163-0000
County: Stafford
E/2 E/2 NW Sec. 24 Twp. 21 S. R. 12 ☐ East ☑ West
1320 feet from S / (N) (circle one) Line of Section
2210 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: WILSON TRUST Well #: 1-24
Field Name: Steve
Producing Formation: Arbuckle
Elevation: Ground: 1821 Kelly Bushing: 1826
Total Depth: 3675' Plug Back Total Depth: 3646'
Amount of Surface Pipe Set and Cemented at 255' 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 Alt I Ell 2-26-03
(Data must be collected from the Reserve Pit)
Chloride content 37,000 ppm Fluid volume 1,000 bbls
Dewatering method used Hauled Free Fluids to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Paul's Oilfield Service
Lease Name: STARGEL SWD License No.: 31085
Quarter NE Sec. 4 Twp. 22 S. R. 12 ☐ East ☑ West
County: Stafford Docket No.: D-21,908

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: 11/06/2002

Subscribed and sworn to before me this 6th day of November, 2002

Notary Public: Betty B. Herring
Date Commission Expires: 04/30/2006

Notary Public - State of Kansas

KCC Office Use ONLY
LOG Letter of Confidentiality Attached
If Denied, Yes ☐ Date:
LOG Wireline Log Received
LOG Geologist Report Received
____ UIC Distribution

Side Two

Operator Name: F.G. Holl Company, L.L.C. Lease Name: WILSON TRUST Well #: 1-24

Sec. 24 Twp 21 S. R. 12 ☐ East ☑ West County: Stafford

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 (Attach Additional Sheets) ☑ Yes ☐ No

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run (Submit Copy) ☑ Yes ☐ No

List All E. Logs Run:

DIL/CNL-CDL/MEL/BHCS

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name		Top	Datum
Anhydrite	589 (+1237)	LKC	3212 (-1386)
Winfield	1634 (+192)	BKC	3447 (-1621)
Stotler	2469 (-643)	Simpson	3494 (-1668)
Topeka	2784 (-958)	Arbuckle	3554 (-1728)
Heebner	3070 (-1244)		
BrownLm	3197 (-1371)		

CASING RECORD ☑ New ☑ 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#	255'	60/40Pozmix	275sx	2% gel, 3% cc
Production	7 7/8"	5 1/2"	14#	3464'	50/50Pozmix	150sx	2 Holl

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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 BSPF	3598' - 3612' Arbuckle	Spotted 500 gal. 10% MSA acid over perfs.	
		Treat w/ 500 gal. 15% DSFE acid	
		Retreat w/ 2000 gal. 28% DSFE acid.	
4 BSPF	3576' - 3582', 3585'-92' Arbuck	Treat w/ 1000 gal IRA Acid	
2 BSPF	3556'-60', 3564'-70' Arbuckle	Treat w/ 500 gal. 15% DSFE	

TUBING RECORD Size	Set At	Packer At	Liner Run
2 7/8"	3631'		☐ Yes ☑ No

Date of First, Resumed Production, SWD or Enhr.	Producing Method
10/15/2002	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	4.8		35		

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease (If vented, Sumit ACO-18.)

☐ Open Hole ☒ Perf. ☒ Dually Comp. ☐ Commingled 3556' - 3612' Arbuckle

☐ Other (Specify) _____