

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: 6427 E. Kellogg, P.O. BOX 780167
City/State/Zip: Wichita, Kansas 67278-0167
Purchaser: NCRA
Operator Contact Person: Franklin R. Greenbaum
Phone: (316) 684-8481
Contractor: Name: Sterling Drilling Company, Rig #4
License: 5142
Wellsite Geologist: Bill Ree
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. _____
6/7/2001 6/14/2001 8/24/2001
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 185-23,129-0000
County: Stafford 90' S. of
C - E/2 NE SW Sec. 11 Twp. 21 S. R. 11 ☐ East ☒ West
1890 feet from S / N (circle one) Line of Section
2310 feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: SCHAFFER "A" Well #: 8-11
Field Name: SNIDER
Producing Formation: Simpson Chert
Elevation: Ground: 1744' Kelly Bushing: 1753'
Total Depth: 3500' Plug Back Total Depth: 3412'
226'
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 *ALL 124 6/4/02*
(Data must be collected from the Reserve Pit)
Chloride content 59,000 ppm Fluid volume 1,000 bbls
Dewatering method used Free Fluids hauled to disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: Paul's Oilfield Service, Inc.
Lease Name: Stargel #2 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
Exploration Manager Date: 9/25/2001
Subscribed and sworn to before me this 25th day of September, 2001
Notary Public: Sharon J. Clark
Date Commission Expires: 3-16-2003

KCC Office Use ONLY

☒ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☒ Geologist Report Received
☐ UIC Distribution

Operator Name: F.G. Holl Company, L.L.C. Lease Name: SCHAFER "A" Well #: 8-11
 Sec. 11 Twp. 21 S. R. 11 ☐ East ☒ West County: Stafford 90' S. 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, 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 ☒ Yes ☐ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

ZDL/CN/ML/SL
 DAL/3CAL/GR
 CRA/ MINILOG

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

Name Top Datum

SEE ATTACHMENT

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#	226'KB	60/40 POZ	250sx	2%gel, 3%cc
Production	7 7/8"	4 1/2"	10.5#	3492'KB	50/50 POZ	175sx	2%gel, 3%cc
					Lite	50sx	

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 (Amount and Kind of Material Used)	Depth
4 BSPF	3387 - 3391 Simpson Chert	Treat with 750 gal. 7 1/2 MIRA acid with	
		9 ball sealers	
		Frac w/ Ultravis 25: 8,000lbs 20/40 Ottawa	
		5,500 lbs 12/20 Brady. 13,500 total propp	
		and 386.1 bbls total Slurry.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"		3344.7	☐ Yes ☒ No
Date of First, Resumed Production, SWD or Enhr.	8/27/2001	TA	TA	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

3387 - 3391 Simpson Chert

SCHAFER 'A' 8-11

Sample Tops	Top	Datum	E-Log Tops	Datum
Anhydrite	455	+1298	455	+1298
Herrington	1468	+285	1463	+290
Winfield	1515	+238	1503	+250
Towanda	1577	+176	1574	+179
Ft. Riley	1617	+136	1614	+139
Base Flourence	1705	+48	1708	+45
Stotler	2340	-587	2332	-579
Tarkio	2405	-652	2398	-645
Howard	2556	-803	2550	-797
Severy	2610	-857	2603	-850
Topeka	2660	-907	2657	-904
Heebner	2944	-1191	2937	-1184
Douglas	2977	-1224	2969	-1216
Brown Lime	3072	-1319	3066	-1313
LKC	3089	-1336	3085	-1332
BKC	3333	-1580	3324	-1571
Viola Chert	3371	-1618	3350	-1597
Simpson			3377	-1624
Simpson SS & Cht.			3384	-1631
Arbuckle	3439	-1686	3419	-1666
RTD	3500	-1747	3500	-1747
LTD	3483	-1730	3483	-1730