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KCC WICHITA

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1  
September 1999  
Form Must Be Typed

ORIGINAL

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  STOW  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. \_\_\_\_\_

<u>6/7/2001</u>	<u>6/14/2001</u>	<u>8/24/2001</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or 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' Feet  
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 See 1 Enr Col 100  
(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  
Title: 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**

No 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: SCHAFFER "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 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  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 SEE ATTACHMENT

List All E. Logs Run:

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

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#	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
<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 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 proppant and 386.1 bbls total Slurry.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"		3344.7	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Enhr.	Producing Method				
8/27/2001	TA	<input type="checkbox"/> Flowing	<input type="checkbox"/> Pumping	<input type="checkbox"/> Gas Lift	<input type="checkbox"/> Other (Explain)

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

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Sumit ACO-18.) METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_ Production Interval 3387 - 3391 Simpson Chert

SCHAFFER VA 8-11

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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
F. Riley	1617	+136	1614	+139
Base Flourance	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 & Ch.			3384	-1631
Arbuckle	3439	-1686	3419	-1666
RTD	3500	-1747	3500	-1747
LTD	3483	-1730	3483	-1730



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KCC WICHITA

15-185.23129.0000

ORIGINAL

SALES OFFICE:  
105 S. Broadway  
Suite #420  
Wichita KS 67202  
(316) 262-3699  
(316) 262-5799 FAX

SALES & SERVICE OFFICE:  
10244 NE Hiway 61  
P.O. Box 8613  
Pratt, KS 67124-8613  
(316) 672-1201  
(316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

<b>Bill to:</b> F G HOLL P O BOX 158 BELPRE, KS 67519  ENT'D JUN 20 2001	3678275	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
		106025	6/11/01	3588	6/7/01
	<b>Service Description</b>				
	Cement				
		<b>Lease</b>	<b>Well</b>		
		Schafer	A8-11		
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>
	Daryl Krier	T. Seab	New Well		Net 30

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D202	60/40 POZ	SK	250		
C310	CALCIUM CHLORIDE	LBS	645		
C195	CELLFLAKE	LB	63		
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1		
F113	BASKET, 8 5/8"	EA	1		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	55		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	593		
R200	CASING CEMENT PUMPER, 0-300'	EA	1		

Discou

Tax Rate: 5.90%

(T) Taxable Item

Rob Long



PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

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TREATMENT REPORT

03395



KCC WICHITA

Customer ID	Date
Customer: F. G. Holl	6-7-01 ORIGINAL
Lease: Schafek 'A'	Lease No.
	Well # 8-11

Field Order # 03588	Station PRATT	Casing 8 5/8	Depth 226'	County Stafford	State KS
Type Job Surface NEW WELL ✓			Formation	Legal Description 11-215-11W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft				RATE	PRESS	ISIP
8 5/8				250 SKS				5 Min.
Depth 226	Depth	From	To	Pre Pad 60/40 Poz	Max			10 Min.
Volume 14.4	Volume	From	To	Pad 240 Grt 3 1/2 CC	Min			15 Min.
Max Press	Max Press	From	To	Frac 14.7 1/2 gal 1.25 cut/l	Avg			
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative DARYL KREER	Station Manager D. AUSTRY	Treater T. SOBBA
-------------------------------------	---------------------------	------------------

Service Units	103	26	38	72				
---------------	-----	----	----	----	--	--	--	--

Time	Casing Pressure	Tubing Pressure	Bble. Pumped	Rate	Service Log
8:00					Called out
10:00					on loc W/ truck's safety mgr Run 5 JT's 8 5/8 CSG 23" CEMENT BASKET JT # 3
11:12					START CSG
11:40					CSG ON BOTTOM
11:45					Hook up 1 Break Circ w/ pump truck
11:52	75			4	START PUMPING H <sub>2</sub> O
11:55			15		START MIXING CEMENT @ 14.7 1/2 gal
			55.65		FINISH MIXING
12:10					SHUT DOWN & Release 8 5/8 WOODEN Plug
12:13				4	START PUMP
12:16			13.5		Plug DOWN
12:18					Close valves on CSG
					JOB COMPLETE
					THANKS TO PT
					TO DO

WOODEN CIRC  
ATTACHED TO JOB



ORIGINAL

**SALES OFFICE:**  
 105 S. Broadway  
 Suite # 420  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hiway 61  
 P.O. Box 8613  
 Pratt, KS 67124-8613  
 (316) 672-1201  
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

**Rob Long  
 Invoice**

Bill to: 3678270			Invoice	Invoice Date	Order	Order Date
F G HOLL P O BOX 780167 6427 E KELLOGG WICHITA, KS 67278			106051	6/18/01	3694	6/14/01
<b>RECEIVED</b>  <b>SEP 28 2001</b>  KCC WICHITA			Service Description			
			Cement			
			Lease		Well	
			Schafer		A8-11	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	Rob Long	D. Scott	New Well		Net 30	

ID.	Description	UOM	Quantity	Unit Price	Price
D203	50/50 POZ	SK	175		
D205	A-SERV' LITE	SK	50		
C321	CEMENT GEL	LB	294		
C310	CALCIUM CHLORIDE	LBS	294		
C311	CAL SET	LBS	875		
C322	GILSONITE	LB	1513		
C196	FLA-322	LB	74		
C223	SALT (Fine)	LBS	400		
F100	CENTRALIZER, 4 1/2"	EA	10		
F130	TOP RUBBER CEMENT PLUG, 4 1/2"	EA	1		
F200	FLAPPER TYPE INSERT FLOAT VALVES, 4 1/2"	EA	1		
F252	ROTATING SCRATCHERS	EA	30		
F160	GUIDE SHOE-REGULAR, 4 1/2"	EA	1		
C303	"B" FLUSH	GAL	500		
E107	CEMENT SERVICE CHARGE	SK	225		
R701	CEMENT HEAD RENTAL	EA	1		
R702	CASING SWIVEL RENTAL	EA	1		
F110	BASKET, 4 1/2"	EA	1		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	55		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	525		
R207	CASING CEMENT PUMPER, 30001-3500'	EA	1		

ENTD JUN 21 2001

Discoun

PLEASE REMIT TO Acid Services, LLC, Dept No 1131

Accounts become past due the last day of the month following billing. Interest rate 1.5% per

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TREATMENT REPORT

03440

KCC WICHITA

Customer ID	Date
Customer <b>F6 Hall</b>	<b>6-14-01</b>
Lease <b>Schater A</b>	Lease No.
	Well # <b>8-11</b>

ORIGINAL



Job No. <b>3694</b>	Station <b>Pratt KS</b>	Casing <b>7 1/2</b>	Depth <b>3497</b>	County <b>Stafford</b>	State <b>KS</b>
Job <b>Long String New Well</b>			Formation	Legal Description <b>11-2B-11w</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
7 1/2				175 sks 1.1 ppq			1500	
465	Depth PBTP	From	To	Pre Pack 1.48	13.9 ppq	Max		5 Min.
5	Volume	From	To	Pad 50 sks A-Serv Tit		Min		10 Min.
500	Max Press	From	To	Frac 11.8 ppq	12.8 ppq	Avg		15 Min.
	Annulus Vol.	From	To	Flush 66.1 + 16.1 = 82.2 Bbls		MHP Used		Annulus Pressure
	Packer Depth	From	To	20 Bbls Sch 12 Bbls		Gas Volume		Total Load

Customer Representative <b>Rob Long</b>	Station Manager <b>Dave Autry</b>	Treater <b>D. Scott</b>		
Units	106	23	31	70

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					On loc w/Trk's Safety mtg
					G.S. & ISFV on S.J.
					Cent 1-2-3-4-5-6-7-8-9-10
					Scratcher 2, 4, 5, 6 Basket on S.J.
					Log on Bottom Drop Ball & Pir w/Rig
12	400		20	6.5	3t Salt Flush
14	400		3	6.5	H2O Spacer
17	400		12	6.5	St Super Flush
19	400		5	6.5	H2O Spacer
17	400		8	6.5	mix head Cmt @ 12.8 ppq 25 sks
19	400		46.1	6.0	mix Tail Cmt @ 13.9 ppq 175 sks
15			10	5	Chase In & Wash pump & line
38	100			8.0	Release Plug & St Disp w/ H2O
13	400		40	7.5	lifting Cmt
13	2500		5.5		Plug Down & psj Test Csg
15	0				Release Head
			8	2	Good Circ During Job Rotated Csg
					Plug R. H. & M. H. w/ 25 sks head Cmt
					Job Complete
					Thank you
					Scotty

10244 NE Hiway 61 • P. O. Box, 8613 • Pratt, KS 67124-8613 • Phone (316) 672-1201 • FAX (316) 672-5383

White - Accounting • Canary - Customer • Pink - Field Office

# Mud-Co / Service Mud, Inc.

Operator FG Holl County/State Stafford, Ks. Pump 6 X 14 X 60 SPM Casing Program 8 5/8 " @ 226 ft.  
 Well #8-11 Schafer 'A' Location \_\_\_\_\_ GPM 7.20 BPM \_\_\_\_\_ " @ \_\_\_\_\_ ft.  
 Contractor Sterling Drilling #4 Sec 11 TWP 21S RNG 11W D.P. 4 1/2 in. 180 FT/MIN R.A. \_\_\_\_\_ " @ \_\_\_\_\_ ft.  
 Stockpoint Pratt, Ks. Date 06/07/01 Engineer Rick Hughes Collar 6 1/4 in. 497 ft. 320 FT/MIN R.A. Total Depth 3500 ft.

DATE	DEPTH feet	WEIGHT lb/gal	VISCOSITY			GELS 10 sec / 10 min.	pH Strip Meter	FILTRATION		FILTRATION ANALYSIS			SAND %	RETORT			L.C.M. #/bbl	Pump Press. PSI	CUMULATIVE COST	REMARKS AND TREATMENT
			Sec API @_F	FV @_F	Yp			ml API	Cake 32nds	Pres. #/BBL	Cl ppm	Ca ppm		Solids %	Oil %	Water %				
06/07	228																	347	WOC	
06/09	1995	8.8	27	1	2	01/02	7.0	nc	nc		110m	hvy		4.2		95.8		1,429	Drig.	
06/10	2659	8.5	36	9	6	06/17	11.0	12.8	2		8000	40		1.0		99.0		2,342	Drig., lost fluid while displacing at 2553'	
06/11	2840	8.7	37	9	15	15/30	10.0	18.6	2		19m	180		2.0		98.0	1/2	2,691	Drig., DST #1 - 2662', dumped 950' of salt water into the mud system	
	3052	9.0	41	11	11	12/33	11.0	12.4	2		15m	60		4.0		96.0	1/2	2,691		
06/12	3321	8.9	39	11	11	09/33	11.0	9.2	2		12m	40		3.8		96.2	1/2	4,475	Drig.	
06/13	3478	9.0	41	11	21	11/33	9.5	10.0	2		13m	60		4.5		95.5	1/2	4,684	Drig., DST #2 - 3389'	
06/14	3500																	4,719	Final, Ran casing	
Reserve pit: 59,000 ppm chlorides 1,000 bbls volume																				

**MUD-CO / SERVICE MUD INC**  
 155 N. Market Suite #1050  
 Wichita, Ks. 67202  
 316/264-2814 Fax: 316/264-5024

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MATERIALS	SACKS	AMOUNT	MATERIALS	SACKS	AMOUNT	MATERIALS	SACKS	AMOUNT
C/S Halls	21	194.25						
Caustic Soda	12	473.40						
Drill Pak	6	1,734.84						
Lime	5	35.75						
Black Hills Gel	251	1,807.20						
Soda Ash	17	243.95						
Super Lig	13	237.25						
						Total Mud Cost		4,726.64
						Trucking Cost		543.93
						Frac Rental		
						Taxes		
						<b>TOTAL COST</b>		<b>5,270.57</b>

ORIGINAL