

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

ORIGINAL

Operator: License # \_\_\_\_\_  
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: Kent Roberts

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. \_\_\_\_\_

11/28/01 12/08/01 ~~4-26-02~~  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 007-22,691-0000  
County: Barber  
NE-NW-NW Sec. 15 Twp. 30 S. R. 13  East  West  
500 feet from S (N) (circle one) Line of Section  
1030' feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: DAVIS "X" Well #: 2-15  
Field Name: Sawyer  
Producing Formation: \_\_\_\_\_  
Elevation: Ground: 1867' Kelly Bushing: 1876'  
Total Depth: 4830' Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 1003' 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 16,000 ppm Fluid volume 1,200 bbls  
Dewatering method used Free Fluids hauled to SWD  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: F.G. Holl Company, L.L.C.  
Lease Name: KENNEDY #2-30 License No.: 5056  
Quarter NE Sec. 30 Twp. 29 S. R. 12  East  West  
County: Pratt Docket No.: D-22,132

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KANSAS CORPORATION COMMISSION  
APR 17 2002

CONSERVATION DIVISION  
WICHITA, KS

ACT WITH 12-8-06

**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: Elwyn H. Nagel  
Title: Managing member Date: 04/17/2002  
Subscribed and sworn to before me this 17th day of April, 2002

Notary Public: Alicia Ashley  
Date Commission Expires: 12-19-04

**KCC Office Use ONLY**  
 Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**ALICIA ASHLEY**  
Notary Public - State of Kansas  
My Appt. Expires

Operator Name: F.G. Holl Company, L.L.C. Lease Name: DAVIS "X" Well #: 2-15  
 Sec. 15 Twp. 30 S. R. 13  East  West County: Barber

**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)

List All E. Logs Run:

HDIL/3CAL/GR/DAL  
 ZDL/CN/ML/SL  
 CRA/DIRECTIONAL SURVEY

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Herington 2093 (-217)	Viola Chert	4566 (-2690)
Stotler 3049 (-1173)	Simpson Sand	4622 (-2746)
Heebner 3749 (-1873)	Arbuckle	4704 (-2828)
Douglas SH 3785 (-1909)		
LKC 3952 (-2076)		
BKC 4348 (-2472)		
Miss Chert 4408 (-2532)		
Kinderhook 4440 (-2564)		
Viola 4545 (-2669)		

CASING RECORD <input 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"	24#	1003'KB	A-Con	225sx	3%cc, 1/4#Floze
					50/50 Poz	200sx	2%cc, 1/4#Floze
Production		4-1/2"	10.5#	4815'KB	50/50 Poz	175sx	

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

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method <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





PAID JAN - 9 2002

#31465

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

ORIGINAL

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

Bill to:			3678275	Invoice	Invoice Date	Order	Order Date
F G HOLL P O BOX 158 BELPRE, KS 67519				112025	12/11/01	4146	12/9/01
<b>Rob Long</b>				Service Description			
				Cement			
				Lease		Well	
				Davis		X2-15	
AFE	CustomerRep	Treater	Well Type	Purchase Order		Terms	
	Rob Long	D. Scott	New Well			Net 30	

11/30/01  
RECEIVED  
4057050

ID.	Description	UOM	Quantity	Unit Price	Price
D204	50/50 POZ (COMMON)	SK	125		
D206	A-SERV LITE (COMMOM)	SK	125		
C310	CALCIUM CHLORIDE	LBS	214		
C322	GILSONITE	LB	1830		
C321	CEMENT GEL	LB	214		
C311	CAL SET	LBS	626		
C243	DEFOAMER	LB	11		
C196	FLA-322	LB	54		
C195	CELLFLAKE	LB	31		
C223	SALT (Fine)	LBS	400		
C303	"B" FLUSH	GAL	500		
F100	CENTRALIZER, 4 1/2"	EA	8		
F110	BASKET, 4 1/2"	EA	1		
F130	TOP RUBBER CEMENT PLUG, 4 1/2"	EA	1		
F160	GUIDE SHOE-REGULAR, 4 1/2"	EA	1		
F252	ROTATING SCRATCHERS	EA	25		
E107	CEMENT SERVICE CHARGE	SK	250		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	25		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	269		
R210	CASING CEMENT PUMPER, 4501-5000'	EA	1		
R701	CEMENT HEAD RENTAL	EA	1		

ENTD DEC 17 2001

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KANSAS CORPORATION COMMISSION

APR 17 2002

CONSERVATION DIVISION

Discount

Tax Rate: 5.90%

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, T

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

# ORIGINAL

## TREATMENT REPORT

04130



Customer ID		Date	
Customer F.G. HOLL		11-29-01	
Lease DAVIS X		Lease No.	Well # 2-15
Field Order # 4314	Station PRATT	Casing 8 5/8	Depth 1003
Type Job SURFACE		County BARBER	State KS
NEW WELL		Formation	Legal Description 15-30S-13W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 225 gals A-COU		RATE	PRESS	ISIP
Depth 1003	Depth	From	To	Pre Pad 12 1/4 GAL 2.56 ft <sup>3</sup>	Max			5 Min.
Volume	Volume	From	To	Pad 200 gals Common	Min			10 Min.
Max Press	Max Press	From	To	Frac 15.6 1/4 GAL 1.22 ft <sup>3</sup>	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	Flush	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To		Gas Volume			Total Load

Customer Representative: DARYL KREMER Station Manager: D AUSTY Treater: T. SOBZA

Service Units	109	26	36	71				
---------------	-----	----	----	----	--	--	--	--

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00					CALLDOWN
12:30					OUTSIDE W/RET'S SAFETY MISC RECEIVED KANSAS CORPORATION COMMISSION
					RUN 225T'S 8 5/8 24" CSG
					ISFU 1 JT CENT JT'S 1-5-2002
					OUT BACKET 3 JT'S OUT
4:00					START CSG
6:15					CSG ON BOTTOM DROP BALL
6:30					HOOK UP TO CSG BREAK CIRC W/REG
6:40	100			6	START PUMPING H <sub>2</sub> O
			102		START MIX LEAD CNT 8 12 1/4 GAL
			43		START MIX TAIL CNT 8 15.6 1/4 GAL
			145		FINISHED MIX
					SHUT DOWN RELEASE PLUG
	100			6	START DISO
7:30	450		61	2	PLUG DOWN
					GOOD CIRC
					THRU JO3
					DOWN T HOLD
					CLOSE VALVE ON CSG CIRC CNT
					TO PRT
					JO3 COMPLETE
					Thanks JOJO



ORIGINAL

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

PAID DEC 26 2001

Invoice

<b>Bill to:</b> F G HOLL P O BOX 158 BELPRE, KS 67519			3678275	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
<b>Rob Long</b>				111103	11/30/01	4314	11/29/01
<b>Service Description</b>							
Cement							
Lease							
Well							
Davis X							
2-15							
<b>AFE</b>			<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>
			Daryl Krier	T. Seba	New Well		Net 30

11/30/01  
 12/26  
 405-1050  
 2001  
 RECEIVED

ENTD DEC 17 2001

ID.	Description	UOM	Quantity	Unit Price	Price
D201	A-CON BLEND (COMMON)	SK	225		
D200	COMMON	SK	200		
C310	CALCIUM CHLORIDE	LBS	1012		
C195	CELLFLAKE	LB	100		
F103	CENTRALIZER, 8 5/8"	EA	2		
F113	BASKET, 8 5/8"	EA	1		
F203	FLAPPER TYPE INSERT FLOAT VALVES, 8 5/8"	EA	1		
F133	TOP RUBBER CEMENT PLUG, 8 5/8"	EA	1		
E107	CEMENT SERVICE CHARGE	SK	425		
R701	CEMENT HEAD RENTAL	EA	1		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	25		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	499		
R203	CASING CEMENT PUMPER, 1001-1500'	EA	1		

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CONSERVATION DIVISION  
 WICHITA, KS

Discount \$

Tax Rate: 5.90%

(T) Taxable Item

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

**TREATMENT REPORT**

04089



Customer ID	Date
Customer <b>F6 Holl</b>	<b>ORIGINAL</b>
Lease <b>Davis X</b>	<b>12-9-01</b>
Lease No.	Well # <b>2-15</b>
Field Order # <b>04146</b>	Station <b>Pratt 155</b>
Casing <b>4 1/2</b>	Depth <b>2485</b>
County <b>Barber</b>	State <b>KS</b>
Type Job <b>4 1/2 Long String New Well</b>	Formation
Legal Description <b>15-30s-13w</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>4 1/2</b>	Tubing Size	Shots/Ft <b>31</b>	Lead Cmt <b>125 sk A-lite 10 1/2</b>	Acid	RATE	PRESS	ISIP	
Depth <b>4810</b>	Depth <b>ABTD</b>	From	To <b>40.5</b>	Pre Pad <b>12.8 ppg 1.82 ft<sup>3</sup></b>	Max	<b>2000</b>	<b>5 Min.</b>	
Volume <b>76.4</b>	Volume	From	To <b>Tail Cmt</b>	Pad <b>125 sk 50-50 po2 2%</b>	Min		<b>10 Min.</b>	
Max Press <b>2000</b>	Max Press	From	To <b>33.6</b>	Frac <b>100% 5 1/2 set, 1D.S.</b>	Avg	<b>1.5 FLA-322</b>	<b>15 Min.</b>	
Well Connection	Annulus Vol.	From	To <b>Total</b>	<b>5 1/2 gal .25 cell/flake</b>	HLP Used	<b>13.8 ppg</b>	<b>1.51 ft<sup>3</sup></b>	Annulus Pressure
Hug Depth	Packer Depth	From	To <b>74.15L</b>	Flush <b>200 bbls salt 12 super flush</b>	Gas Volume			Total Load

Customer Representative **Rob Hong** Station Manager **Dave Autry** Treater

Service Units	<b>106</b>	<b>23</b>	<b>30</b>	<b>70</b>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
000					On loc Safety mtg
					Scratcher's 5-6-7 Top 9-10 Basket 3th
					Pent 2-3-5-6-7-8-9-10
					Log on Bottom Drop Ball + <b>125 sk 4/Rig 2 hrs</b>
					Rig up Trk's
300	400		5	7	H2O Spacer
303	400		20	7	Salt Flush
306	400		5	7	H2O Spacer
307	400		12	7	Super flush
308	400		5	7	H2O Spacer
			8.1		Plug R.H. + M.H. w/ 25 sk's A-Serv lite
309	500		32.2	8	St mixing head Cmt @ 12.8 ppg <b>100 sk</b>
313	300		33.6	8	St mixing Tail Cmt @ 13.8 ppg <b>125 sk's</b>
2318	⊖			⊖	Finish mixing Cmt Chove in manifold
320			10	5	Wash Pump line
323	100			8	Release Plug & St Disp w/ H2O
330	400			6	Lifting Cmt
334	150		76.4		Plug Down & psi Test log
335	⊖				Release Held, 43 Bbl's Out lost
					Rate Decrease Rate Regained
					250 Bbl's Thank you

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