

**CONFIDENTIAL ORIGINAL**

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

RECEIVED  
KANSAS CORPORATION COMMISSION

DEC 14 2007

12/12/09  
Form ACO-1  
September 1999  
Form Must Be Typed

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.  
License: 5929  
Wellsite Geologist: Rene Husted

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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. \_\_\_\_\_

09-06-2007	09-15-2007	09/28/2007
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23,466-0000  
County: Stafford, 130° N. & 20' W. of  
NE NE NE Sec. 21 Twp. 21S S. R. 14  East  West  
200 feet from S / (N) (circle one) Line of Section  
350 feet from (E) W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) (NE) SE NW SW  
Lease Name: FANSHIER Well #: 1-21

Field Name: \_\_\_\_\_  
Producing Formation: Lansing Kansas City  
Elevation: Ground: 1933' Kelly Bushing: 1941'  
Total Depth: 3925' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 855 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** AHJ NJ 4-6 09  
(Data must be collected from the Reserve Pit)  
Chloride content 43,000 ppm Fluid volume 500 bbls  
Dewatering method used Hauled free fluids to SWD  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: John J. Darrah  
Lease Name: ANSHUTZ SWD License No.: 5088  
Quarter NE Sec. 15 Twp. 21 S. R. 14  East  West  
County: Stafford Docket No.: D-17,893

**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: Loveness Mpanje

Title: Petroleum Geologist Date: 12/11/2007

Subscribed and sworn to before me this 11th day of December, 2007

The State of Kansas; County of Sedgwick

Notary Public: Betty H. Spotswood

Date Commission Expires: 04/30/2010

**Notary Public - State of Kansas**  
**BETTY H. SPOTSWOOD**  
My Appointment Expires 4/30/2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received

UIC Distribution

Operator Name: F.G. Holl Company, L.L.C. Lease Name: FANSHIER Well #: 1-21  
 Sec. 21 Twp. 21S S. R. 14  East  West County: Stafford, 130' N. & 20' W. 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:  CDL/CNL/ML BHCS/DIL/CPI CCL - 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#	855'	A-Con	210sx	
					Common	150sx	
Production	7-7/8"	4-1/2"	10.5#	3922'	60/40 Pozmix	250sx	

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 <i>(Amount and Kind of Material Used)</i>		Depth
		4 SPF	3555' - 3563' Lansing Kansas City	
		Treat w/ 500 gal 10% acetic acid		
		Treat w/ 3000 gal 15% NEFE		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8"	3895'			
Date of First, Resumerd Production, SWD or Enhr. 10/03/2007			Producing Method			
			<input type="checkbox"/> Flowing <input checked="" 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	
	11.69					

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented    Sold    Used on Lease    Open Hole    Perf.    Dually Comp.    Commingled   3555' - 3563' Lansing Kansas City  
*(If vented, Submit ACO-18.)*    Other (Specify) \_\_\_\_\_

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CONSERVATION DIVISION  
WICHITA, KS

FANSHIER NO. 1-21  
STAFFORD COUNTY, KANSAS

Formation	Sample	Datum	E-Log	Datum
Herrington	1830	+111	1832	+109
Winfield	1880	+61	1892	+49
Towanda	1950	-9	1954	-13
Fort Riley	1990	-49	1988	-47
B/Florence	2084	-143	2082	-141
Council Grove	2160	-219	2157	-216
Neva	2338	-397	2332	-391
Red Eagle	2396	-455	2393	-452
Root Shale	2638	-697	2635	-694
Stotler	2702	-761	2697	-756
Willard Shale			2723	-782
Tarkio/Elmont	2762	-821	2760	-819
White cloud			2873	-932
Howard	2905	-964	2901	-960
Topeka	2982	-1041	2987	-1046
Heebner			3264	-1323
Toronto			3287	-1346
Douglas Sh.			3306	-1365
Brown Lime			3383	-1442
LKC			3395	-1454
LKC "H"			3518	-1577
BKC			3616	-1675
Marmaton			3620	-1679
Conglomerate			3639	-1698
Viola			3656	-1715
Simpson Sh.			3694	-1753
Simpson Ss.			3699	-1758
2 <sup>nd</sup> Simpson s			3716	-1775
Arbuckle			3753	-1812
RTD			3925	-1984

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# Mud-Co / Service Mud Inc.

Operator **FG Holl** County **Stafford** State **Kansas** Pump **6** X **14** X **60** SPM Casing Program **8 5/8** " @ **855** ft.  
 Well **Fanshier #1-21** Location \_\_\_\_\_ GPM **7.75** BPM " @ \_\_\_\_\_ ft.  
 Contractor **Duke #8** Sec **21** TWP **21S** RNG **14W** D.P. **4.5** in. **191** FT/MIN R.A. " @ \_\_\_\_\_ ft.  
 Stockpoint **Pratt, Ks.** Date **9/6/2007** Engineer **Rick Hughes** Collar **6.25** in. **494** ft. **348** FT/MIN R.A. Total Depth **3925'** ft.

DATE	DEPTH feet	WEIGHT lb/gal	VISCOSITY			GELS 10 sec / 10 min.	pH Strip _ Meter _	FILTRATION/FILTRATION ANALYSIS					SAND %	RETORT			L.C.M.	Pump Press. PSI	CUMULATIVE COST	REMARKS AND TREATMENT	
			Sec API @ _F	PV @ _F	Yp			ml API	Cake 32nds	Pres. #/BBL	Cl ppm	Ca ppm		Solids %	Oil %	Water %					
9/7	0																			WOC Displace w/starch 1628	
9/8	1797	9.0	58	7	25	21/36	7.0	8.4	1		15m	Hvy		4.1		95.9				Drilling Chemical at 2550	
9/9	2662	8.8	45	12	6	9/26	12.0	7.2	1		2,500	20		3.5		96.5				Drilling	
9/10	3037	9.1	46	11	7	8/33	11.0	8.0	1		4,500	40		5.5		94.5				Pump Repair Trip out 35 stands	
9/11	3478	9.3	46	16	11	17/36	11.0	7.2	1		4,500	20		6.8		93.2				Drilling DST #1 @ 3530	
9/12	3550	9.3	46	12	8	8/23	11.0	8.8	1		5,000	20		6.8		93.2				TIH w/Bit DST #2 @ 3550	
9/13	3618	9.3	47	13	11	12/31	11.5	7.6	1		5,200	40		6.8		93.2				TO w/Bit DST #3 @ 3568	
9/14	3730	9.3	50	13	19	10/31	10.0	8.0	1		5,500	40		6.8		93.2				TOH w/ DST 5 DST #4 @ 3618'	
9/15	3925	9.2	56	14	19	13/34	10.0	8.0	1		6,600	40		6.0		94.0	1			CTCH #/ Logs DST #5 @ 3730'	
9/16	3925																				Final: DST #6 @ 3755'
																					RTD - 3925' LTD - 3925' Logs Ok. 6 DST's. Ran casing.
																					Reserve Pit, Chl content ppm: 43000
																					Estimated Volume: 500 bbls
																					Ref: 92606,30807

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**MUD-CO / SERVICE MUD INC.**

100 S. Main Suite #310  
 Wichita, Ks. 67202  
 316/264-2814 Fax: 316/264-5024

**DRILLING MUD RECAP**

Materials	Sacks	Amount	Materials	Sacks	Amount	Amount
C/S HULLS	62					
CAUSTIC SODA	21					
DESCO	2					
DRILL PAK	8					
LIME	2					
PREMIUM GEL 50#	964					
SALT CLAY	31					
SODA ASH 50#	27					
STARCH	76					
SUPER LIG	14					
						Total Mud Cost
						Trucking Cost
						Trucking Surcharge
						Taxes
						<b>TOTAL COST</b>

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CONSERVATION DIVISION  
 WICHITA, KS



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CONSERVATION DIVISION  
WICHITA, KS

TREATMENT REPORT

Customer F.G. Hull	Lease No.	Date 7-16-07
Lease FAN-HIER	Well # 1-21	
Field Order # 16578	Station Pratt, Ks.	Casing 4 1/2
	Depth	County Bartlett
Type/Job Casing - 4 1/2 LONGSTRING	Formation	State KS
		Legal Description 21-21-14

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	Acid	Pre Pad	RATE	PRESS	ISIP	
4 1/2			CONFIDENTIAL	34A J	Max		5 Min.	
Depth 3922	Depth	From	To	50 SKS 60/40 P07	Min		10 Min.	
Volume	Volume	From	To	Frac	Avg		15 Min.	
Max Press	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection	Annulus Vol.	From	To	Flush 62	Gas Volume		Total Load	
Plug Depth 3903	Packer Depth	From	To					

Customer Representative TERRY BAIRD	Station Manager DAVE SCOTT	Treater STEVE ORLANDO
Service Units	1242	
Driver Names	LESEY	

Time	Casing Pressure	Tubing Pressure	Bbbls. Pumped	Rate	Service Log
7:00 AM					ON LOCATION - SAFETY MEETING
					Run 4 1/2 csg. = 76 JTS, 10.5 lb
					DRACKET IN 5' CENT - 11, 26, 72, 71, 11
					CSG. ON BOTTOM
					HACK UP TO CSG. BREAK CIRC/RIG
					TRIP TO CSG.
6:35	200		12	6	3100000
6:37	200		5	6	H2O
6:38	200		6	6	MIX 75 SKS 60/40 P07 @ 14.0 lb/gal
6:39	150		46	6	MIX 140 SKS HAZ @ 15.05 lb/gal
					SHUT DOWN / CLEAR PLUG - LINE
					RELEASE PLUG
6:55	0		0	7	START DISP.
7:00	400		32	7	LIFT PRESSURE
7:01	500		50	5	STOP ROTATING - SLOW RATE
7:05	1500		62	4	PLUG DOWN
					PLUG RAT. RELEASE HOLE = 20 SKS
					JOB COMPLETE
					THANKS STEVE ORLANDO

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**TREATMENT REPORT**

Customer <b>G. Holl Company, LLC.</b>	Lease No. <b>Fanshier</b>	CONSERVATION DIVISION WICHITA, KS	Date <b>9-6-07</b>
Field Order # <b>16428</b>	Station <b>Pratt</b>	Casing <b>8 5/8"</b>	Depth <b>2316.854 Ft.</b>
Type Job <b>C.N.W. - Surface</b>	Formation	County <b>Stafford</b>	State <b>KS</b>
Legal Description <b>21-215-14W</b>			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <b>8 5/8"</b>	Tubing Size <b>2 3/8"</b>	Shots/Ft		<b>Cement</b>	RATE	PRESS	39 C.C., 25Lb/sk.
Depth <b>854 Ft.</b>	Depth	From	To	<b>210 sacks</b>	<b>15.46 Gal./sk.</b>	<b>2.56 C.U.F./sk.</b>	<b>2.56 C.U.F./sk.</b>
Volume <b>54.7 Bbl.</b>	Volume	From	To	<b>150 sacks</b>	<b>Common with 2% Gel</b>	<b>10% C.C.</b>	<b>15 Min.</b>
Max Press <b>250 P.S.I.</b>	Max Press	From	To	<b>25 Lb./sk</b>	<b>Cellflake</b>		
Well Connection <b>Plug Containe</b>	Annulus Vol	From	To	<b>15 Lb./Gal., 6.50 Gal./sk.</b>	<b>1.36 C.U.F./sk.</b>		
Plug Depth <b>854 Ft.</b>	Packer Depth	From	To	<b>Flush 54.5 Bbl.</b>	<b>Fresh Water</b>		<b>Total Load</b>

Customer Representative: **Steve Stephens** Station Manager: **David Scott** Treater: **Clarence R. Messick**

Service Units	<b>19,905</b>								
Driver Names	<b>Mattal</b>								

Time	P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:40						Cementer on Location.
12:00	A.M.					Trucks on location and hold safety meeting.
12:40						Duke Drilling start to run 20jts. new 23Lb./Ft. 8 5/8 casing.
1:40						Casing in well. Circulate for 5 minutes.
1:50		200			5	Start Fresh Water Pre-Flush.
		200		10	6	Start mixing 210 sacks A-concement.
		150		105	5	Start mixing 150 sacks common cement.
		-0-		140		Stop pumping. Shut in well. Release plug. Open well.
2:15		150			5	Start Fresh water displacement.
2:30		250		54.5		Plug down. Shut in well.
						Circulated 15 sacks cement to pit.
						Wash up pump truck.
3:00						Job Complete.
						Thanks,
						Clarence, Mike, Dale

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