

**CONFIDENTIAL**

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

**ORIGINAL**

7/19/09  
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: None  
Operator Contact Person: Franklin R. Greenbaum  
Phone: (316) 684-8481  
Contractor: Name: Duke Drilling Company Inc., Rig #8  
License: 5929

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Wellsite Geologist: Bill Ree  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  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. \_\_\_\_\_

04/04/2007 04/16/2007 04/17/2007  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 145-21,554-0000  
County: Pawnee 50' S. & 230' E. of  
C SE NE SE Sec. 19 Twp. 21 S. R. 15  East  West  
1600 feet from S / N (circle one) Line of Section  
100 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: WARD FEED YARD Well #: 1-19  
Field Name: Wildcat  
Producing Formation: None  
Elevation: Ground: 1958' Kelly Bushing: 1966'  
Total Depth: 3950 Plug Back Total Depth: None  
Amount of Surface Pipe Set and Cemented at 870' 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 PA NJ 1-9-09  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: Pintail Petroleum  
Lease Name: Dipman SWD License No.: 5088  
Quarter \_\_\_\_\_ Sec. 34 Twp. 21S S. R. 16  East  West  
County: Pawnee Docket No.: D-035,89

**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: July 18, 2007

Subscribed and sworn to before me this 18th day of July, 2007  
20 \_\_\_\_\_  
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: RECEIVED  
 Wireline Log Received  
 Geologist Report Received JUL 19 2007  
UIC Distribution  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: F.G. Holl Company, L.L.C. Lease Name: WARD FEED YARD Well #: 1-19  
Sec. 19 Twp. 21 S. R. 15  East  West County: Pawnee. 50' S. & 230' E. 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)

List All E. Logs Run:

DIL/BHCS  
CNL/CDL  
MEL

Log Formation (Top), Depth and Datum  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#	870'	A-Con	210sx	3%cc, 2% gel
					Common	150sx	

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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
				Depth

TUBING RECORD Size Set At Packer At Liner Run  Yes  No

Date of First, Resumerd Production, SWD or Enhr. Producing Method  Flowing  Pumping  Gas Lift  RECEIVED

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  Open Hole  Perf.  Dually Comp.  Commingled  
(If vented, Submit ACO-18.)  Other (Specify) \_\_\_\_\_

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**JUL 19 2007**  
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**WICHITA, KS**

WARD FEED YARD NO. 1-19  
PAWNEE COUNTY, KANSAS

Formation	Sample	Datum	E-Log	Datum
Herrington	1910	+56	1910	+56
Winfield	1966	0	1966	0
Towanda	2040	-74	2039	-73
Fort Riley	2083	-117	2083	-117
B/Florence				
Council Grove	2245	-279	2246	-280
Crouse	2284	-318	2287	-315
Neva	2430	-464		
Red Eagle	2487	-521	2490	-524
Onaga Sh.	2651	-685	2650	-684
Americus				
Wabaunsee	2668	-702	2667	-701
Root Shale	2708	-742	2708	-742
Langdon Sand				
Stotler	2796	-830	2797	-831
Willard	2822	-856		
Tarkio/Elmont	2853	-887	2855	-889
White Cloud	2980	-1014	2980	-1014
Howard	3001	-1035	3002	-1036
Topeka	3082	-1116	3082	-1116
Heebner	3360	-1394	3360	-1394
Toronto	3378	-1412	3383	-1417
Douglas Sh.	3397	-1432	3397	-1430
Brown Lime	3463	-1497	3464	-1498
LKC	3473	-1507	3474	-1508
LKC "H"	3599	-1633	3600	-1634
BKC	3709	-1743	3702	-1736
Conglomerate	3771	-1805	3772	-1804
Viola	3792	-1826	3788	-1822
Simpson Sh	3818	-1852	3820	-1854
Simpson Ss	3839	-1873	3841	-1875
Arbuckle	3860	-1894	3862	-1896
RTD			3950	-1984
LTD			3952	-1986

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**TREATMENT REPORT**

CONSERVATION DIVISION  
WICHITA, KS

Customer: B. Holl Company, LLC Lease No. \_\_\_\_\_ Date: 4-17-07  
 Lease: Ward Feed Yard Well # 1-19  
 Field Order # 15981 Station Pratt Casing 1 1/2" D.P. Depth \_\_\_\_\_ County Pawnee State KS  
 Type Job Plug To Abandon - New Well Formation \_\_\_\_\_ Legal Description 11-213-15W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	<u>1 1/2" Drill Pipe</u>	Shots	Dr. Pipe	<u>cement</u>	<u>195 sacks</u>	<u>60/40 PRESS</u>	<u>with 6% Gel</u>
Depth	Depth	From	To	<u>13.3 lb./Gal.</u>	<u>8.09 Gal./sk.</u>	<u>1.39 cu. Ft./sk.</u>	
Volume	Volume	From	To	<u>KCC</u>		<u>10 Min.</u>	
Max Press	Max Press	From	To	<u>JUL 19 2007</u>		<u>15 Min.</u>	
Well Connection	Annulus Vol.	From	To	<u>CONFIDENTIAL</u>		<u>HHP Used</u>	<u>Annulus Pressure</u>
Plug Depth	Packer Depth	From	To		<u>Gas Volume</u>		<u>Total Load</u>

Customer Representative: Steve Stephens Station Manager: David Scott Treater: Clarence R. Messick  
 Service Units: 19870 19903 19836  
 Driver Names: Messick McGuire McGraw

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00					Trucks on location and hold safety meeting.
9:50		500		6	1 <sup>st</sup> / Plug 3,860 Ft. - 50 sacks
		475	20	6	Start Fresh water Pre-Flush.
		350	34	6	Start mixing cement.
		300	39	5	Start Fresh water spacer.
10:10		-0-	79		Start Drilling mud Displacement.
					Stop pumping.
11:36		300		5	2 <sup>nd</sup> / Plug 900 Ft. - 50 sacks
		300	10	5	Start Fresh water Pre-Flush.
		200	24	5	Start mixing cement.
		-0-	28		Start Fresh water Displacement.
11:40					Stop pumping.
					3 <sup>rd</sup> / Plug 450 Ft. - 50 sacks
11:59		200		5	Start mixing cement.
		100	14	5	Start Fresh water Displacement.
12:02		-0-	19		Stop pumping.
					4 <sup>th</sup> / Plug 60 Ft. - 20 sacks
1:30		-0-		3	Start mixing cement.
1:32			6		Cement Circulated to Surface.
					Stop pumping.
1:34		-0-	4-3	3	Plug rat and mouse holes.
					Wash up pump truck.

2:00 Job Complete Thanks Clarence Corey Mike

Customer: G. Holl Company, LLC Lease No. \_\_\_\_\_ Date: 4-5-07  
 Lease: Ward Feed Yard "A" Well # 1-19  
 Field Order # 15,973 Station Pratt Casing 8 5/8 2 3/4 Depth 870 Ft. County Pawnee State KS.  
 Type Job Surface - New Well Formation \_\_\_\_\_ Legal Description 19-215-15W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <u>8 5/8"</u>	Tubing Size <u>2 3/4"</u>	Shots/Ft		<u>Cement</u>		RATE	PRESS
Depth <u>870 Ft.</u>	Depth	From	To	<u>210 sacks</u>		<u>A-CON WITH 3% C.C.</u>	<u>25 Lb/sk. cell</u>
Volume <u>55.68 Bbl.</u>	Volume	From	To	<u>12 Lb./Gal., 15.16 Gal./sk.</u>		<u>2.56 CU. Ft./sk.</u>	<u>flatre</u>
Max Press <u>3001.5 L.</u>	Max Press	From	To	<u>150 sacks</u>		<u>Common with 2% Gel, 10% C.C.</u>	<u>25 Lb/s</u>
Well Connection <u>Plug Container</u>	Annulus Vol.	From	To	<u>15 Lb./Gal., 6.5 Gal/sk.</u>		<u>1.36 CU. Ft./sk.</u>	<u>15 Min. Cell plate</u>
Plug Depth <u>833 Ft.</u>	Packer Depth	From	To	Flush <u>55 Bbl. Fresh Water</u>		Gas Volume	Total Load

Customer Representative: Steve Stephens Station Manager: David Scott Treater: Clarence Messick  
 Service Units: 19,870 19,903 19,833  
 Driver Names: Messick McGuire Boles  
 Date: JUL 19 2007  
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>7:00</u>					<u>Trucks on location and hold Safety meeting.</u>
<u>9:00</u>					<u>Duke Drilling start to run 19jts. new 2 3/4" 8 5/8" casing.</u>
<u>10:15</u>					<u>Casing in well Circulate 15 minutes.</u>
<u>10:35</u>	<u>300</u>			<u>6</u>	<u>Start Fresh Water Pre-Flush.</u>
	<u>200</u>		<u>15</u>	<u>6</u>	<u>Start mixing 210 sacks A-CON cement.</u>
	<u>100</u>		<u>111</u>	<u>6</u>	<u>Start mixing 150 sacks common cement.</u>
	<u>-0-</u>		<u>147</u>		<u>Stop pumping. Shut in well. Release plug. Open Well.</u>
<u>11:00</u>	<u>100</u>			<u>5</u>	<u>Start Fresh Water Displacement.</u>
<u>11:18</u>	<u>300</u>		<u>55</u>		<u>Plugdown. Shut in Well.</u>
					<u>Circulate 10 sks. cement to pit.</u>
					<u>Wash up pump truck.</u>
<u>12:00</u>					<u>Job Complete.</u>

Thanks,  
 Clarence, Corey, James

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Mud-Co / Service Mud Inc.

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CONSERVATION DIVISION  
WICHITA, KS

Operator **FG Holl** County Pawnee State Kansas Pump 6 x 14 x 60 SPM Casing Program 8 5/8 " @ 870 ft.  
 Well Ward Feed Yard #1-19 Location 1972 Est. GL GPM 7.75 BPM " @ \_\_\_\_\_ ft.  
 Contractor Duke #8 Sec 19 TWP 21S RNG 15W D.P. 4.5 in. 191 FT/MIN R.A. " @ \_\_\_\_\_ ft.  
 Stockpoint Pratt, Ks. Date 4/4/2007 Engineer Rick Hughes Collar 6.25 in. 495 ft. 348 FT/MIN R.A. " @ \_\_\_\_\_ ft.  
 Total Depth 3950' 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 %				
4/4	0																			
4/6	1014																			
4/7	2011	9.5	44	8	20	10/20	9.0	11.2	1			80m	Hvy	3.7		96.3			TRRT	
4/8	2123	9.4	39	4	17	11/22	8.5	12.4	2			64m	Hvy	3.6		96.4			Drilling Displace w/Starch 1700'	
4/9	2518	9.6	56	8	35	21/24	8.5	12.4	2			64m	Hvy	5.5		94.5			CFS DST #1 @ 2011	
4/10	2799	8.8	54	10	17	14/56	11.5	8.8	1			7,800	60	3.2		96.8			TI w/Bit DST #2 @ 2123	
4/11	2949	8.9	63	9	35	38/48	10.5	12.4	1			11m	240	3.6		96.4			CFS DST #3 @ 2437	
4/12	3307	9.0	54	9	20	17/53	11.5	8.0	1			11m	40	4.4		95.6			CFS DST #4 @ 2518	
4/13	3537	9.2	63	12	29	45/80	10.5	9.2	1			11m	40	5.7		94.3			DST #6 Displace chemical 2605'	
4/14	3790	9.2	66	13	29	31/60	11.0	10.2	1			8,000	40	6.0		94.0			Drilling DST #5 @ 2852	
4/15	3925	9.1	49	11	22	17/29	10.5	11.4	1			11m	40	5.0		95.0		Tr	DST #7	
4/16	3875	8.9	51	9	27	24/32	9.5	12.6	1			14m	240	3.5		96.5			TI w/DST #8 Heavy rain and snow	
4/17	3950																		TI w/Bit DST #9 @ 3925	
																			DST #11 DST #10 @ 3845	
																			Final: 11 DST's. Log. Plugged.	

Reserve Pit, Chl content ppm:  
 Estimated Volume:  
 No free fluids in reserve pit

**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
C/S HULLS	80	
CAUSTIC SODA	30	
DRILL PAK	11	
LIME	4	
MIL-GUARD	4	
PREMIUM GEL	381	
SALT CLAY	76	
SAPP 50#	2	
SODA ASH 50#	28	
STARCH	87	

Materials	Sacks	Amount		Amount
SUPER LIG	20	422.00		
			Total Mud Cost	
			Trucking Cost	
			Trucking Surcharge	
			Taxes	
			<b>TOTAL COST</b>	