

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

**ORIGINAL**  
**CONFIDENTIAL**

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  
Purchaser: NCRA & Sem gas  
Operator Contact Person: Franklin R. Greenbaum  
Phone: (316) 684-8481, Ext. 206  
Contractor: Name: Duke Drilling Company, Inc.  
License: 5929  
Wellsite Geologist: Rene Husted  
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. \_\_\_\_\_  
09/17/2007 09/27/2007 11/16/2007  
Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or  
Recompletion Date \_\_\_\_\_ Recompletion Date \_\_\_\_\_

API No. 15 - 145-21,561-0000  
County: Pawnee, 100' S. of  
C E/2 - E/2 - SE Sec. 2 Twp. 21 S. R. 15  East  West  
1220 feet from (S) / N (circle one) Line of Section  
330 feet from (E) / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: BROCHER "A" Well #: 1-2  
Field Name: Wildcat  
Producing Formation: Lansing-Kansas City  
Elevation: Ground: 1940' Kelly Bushing: 1948'  
Total Depth: 3900' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 878 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) *ACT I WITH 1-17-08*  
Chloride content 14,000 ppm Fluid volume <500 bbls  
Dewatering method used No free fluids to haul  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: 12/28/2007  
Subscribed and sworn to before me this 28th day of December, 2007  
20 State of Kansas; Sedgwick County  
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  
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KANSAS CORPORATION COMMISSION  
**JAN 17 2008**

CONSERVATION DIVISION  
WICHITA, KS

JAN 10 1970

Side Two

Operator Name: F.G. Holl Company, L.L.C. Lease Name: BROCHER "A" Well #: 1-2
Sec. 2 Twp. 21 S. R. 15 [ ] East [x] West County: Pawnee, 100' 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 [x] Yes [ ] No (Attach Additional Sheets)
Samples Sent to Geological Survey [x] Yes [ ] No
Cores Taken [ ] Yes [x] No
Electric Log Run [x] Yes [ ] No (Submit Copy)
List All E. Logs Run:
CDL/CNL/ML
DIL/BHCS/CPI
Fracfinder
[x] Log Formation (Top), Depth and Datum [ ] Sample
Name Top Datum
See attachment

CASING RECORD [x] New [x] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)
Table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record, Depth

TUBING RECORD Size 2-7/8" Set At 3505' Packer At
Date of First, Resumerd Production, SWD or Enhr. 12/28/2007
Producing Method [ ] Flowing [x] 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 [ ] Open Hole [x] Perf. [ ] Dually Comp. [ ] Commingled 3299' - 3366' LKC
(If vented, Submit ACO-18.) [ ] Other (Specify)

BROCHER "A" NO. 1-2  
PAWNEE COUNTY, KANSAS

Formation	Sample	Datum	E-Log	Datum
Herrington	1784	+164	1807	+141
Winfield	1852	+96	1859	+89
Towanda	1912	+36	1922	+26
Fort Riley	1958	-10	1961	-13
B/Florence	2046	-98	2013	-65
Council Grove	2129	-181	2126	-178
Neva			2302	-354
Red Eagle	2366	-418	2359	-411
Indian Cave			2513	-565
Wabaunsee			2532	-584
Root Shale			2590	-642
Stotler			2659	-711
Willard Shale			2682	-734
Tarkio/Elmont			2716	-768
Severy Shale			2828	-880
Howard	2858	-910	2854	-906
Topeka			2949	-1001
Heebner	3193	-1245	3187	-1239
Toronto			3204	-1256
Douglas Sh.			3221	-1273
Brown Lime	3290	-1342	3236	-1288
LKC	3302	-1354	3293	-1345
LKC "H"			3413	-1465
BKC			3508	-1560
Conglomerate			3519	-1571
			3550	-1602
RTD	3900		3900	-1952

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WICHITA, KS

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer: F. G. HOLL Lease No. \_\_\_\_\_ Date: \_\_\_\_\_  
 Lease: BRUCHER A Well #: 1-2  
 Field Order #: 18954 Station: PRAH Casing: 5 1/2 Depth: 3883 County: Pawnee State: KS  
 Type Job: CNW 5 1/2 L.S Formation: \_\_\_\_\_ Legal Description: 2-21-15

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size # <u>5 1/2</u>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <u>3883</u>	Depth	From	To	Pre Pad	Max			5 Min.
Volume <u>94</u>	Volume	From	To	Pad	Min			10 Min.
Max Press <u>1500</u>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <u>P.C</u>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <u>3867</u>	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative: Rob King Station Manager: DAVE SCOTT Treater: Robert Sullivan

Service Units	19867	19806	19831	19802					
Driver Names	<u>Sullivan</u>	<u>Melson</u>	<u>LACHANCE</u>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>0630</u>					<u>ON loc. Safety meeting</u>
					<u>Run 93 JTS 5 1/2" casing Contrilens 2, 3, 5, 7, 9, 11, 12, 13, 14, 15 JTS basket on JTS 8 shoe str. 16' or Plug @ 3867</u>
<u>0820</u>					<u>CASING ON BOTTOM</u>
<u>0830</u>					<u>Hook Rig to CIRQ</u>
<u>1030</u>	<u>200</u>		<u>12</u>	<u>4</u>	<u>START SUPER FUSK</u>
			<u>10</u>		<u>H<sup>2</sup>O SPACER</u>
<u>1038</u>			<u>9</u>	<u>4.5</u>	<u>MIX 25 SK SCAVENGER @ 12 PPG</u>
			<u>35</u>		<u>MIX 135 SK ANZ @ 15 PPG</u>
<u>1050</u>				<u>6</u>	<u>STOP AND WASH PUMP &amp; LINES</u>
	<u>400</u>		<u>65</u>	<u>6</u>	<u>Release Plug &amp; START DISP</u>
			<u>89</u>		<u>LIT PSI</u>
			<u>94</u>	<u>4</u>	<u>SLOW RATE</u>
<u>1110</u>	<u>1500</u>		<u>9</u>	<u>2</u>	<u>Plug down float held</u>
<u>1200</u>					<u>Plug R.H. M.H.</u>
					<u>Job Complete</u>

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*Thank you*

JAN 17 2008

CONSERVATION DIVISION  
WICHITA, KS

# Mud-Co / Service Mud Inc.

Operator FG Holl County Pawnee State Kansas Pump 6 X 14 X 60 SPM Casing Program 8 3/8 " @ 878 ft.  
 Well Brocher A #1-2 Location \_\_\_\_\_ GPM 7.75 BPM \_\_\_\_\_ ft.  
 Contractor Duke #8 Sec 2 TWP 21S RNG 15W D.P. 4.5 in. 191 FT/MIN R.A. \_\_\_\_\_ ft.  
 Stockpoint Pratt, Ks. Date 9/17/2007 Engineer Rick Hughes Collar 6.25 in. 495 ft. 348 FT/MIN R.A. \_\_\_\_\_ ft.

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 WATER CONTROL DISTRICT #10

DATE	DEPTH	WEIGHT	VISCOSITY			GELS	pH	FILTRATION/IRTRATION ANALYSIS					SAND	RETORT			L.C.M.	Pump Press. PSI	CUMULATIVE COST	REMARKS AND TREATMENT
			Sec API @_F	PV @_F	Yp			10 sec / 10 min.	Strip Meter	ml API	Cake 32nds	Pres. #/BBL		Cl ppm	Ca ppm	%				
9/17	0																			RURT
9/18	928																			Drilling Starch displacement 1626
9/19	1730	8.9	77	12	40	39/48	7.0	7.8	1		15m	Hvy	3.4		96.6				Drilling DST #1 @ 1824	
9/20	2130	9.3	38	7	19	20/30	7.0	18.6	4		44m	Hvy	4.5		95.5				Drilling DST #2 @ 2392	
9/21	2759	8.7	53	13	15	16/43	12.0	8.4	1		2,300	20	2.7		97.3				Drilling Displace at 2535	
9/22	3236	9.2	54	15	14	22/52	11.5	8.8	1		3,200	40	6.3		93.7				Drilling DST #3 @ 3336	
9/23	3374	9.3	55	15	13	18/53	10.5	9.2	1		4,800	40	6.8		93.2				CFS DST #5 @ 3586	
9/24	3514	9.4	45	11	11	12/37	9.5	8.8	1		4,900	20	7.5		92.5				DST #4 DST #6 @ 3670	
9/25	3600	9.4	60	11	21	34/91	10.5	9.0	1		6,300	20	7.5		92.5				CFS DST #7 @ 3735	
9/26	3723	9.2	59	11	18	43/95	11.0	9.6	1		6,700	20	6.0		94.0				Drilling LTD 3898	
9/27	3850	9.1	61	10	17	43/103	11.5	10.0	1		6,500	20	5.4		94.6	1			CFS	
9/28	3900																			Final: 7 DST's. Log. Ran pipe.
																				Reserve Pit, Chl content ppm: 14,000
																				Estimated Volume: <500 bbls
																				Ref: FGHoll.D8.040407

**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	54		SUPER LIG	14	295.40	
CAUSTIC SODA	21					
DESCO	2					
DRILL PAK	8					
LIME	2					
MIL-GAURD	2					
PREMIUM GEL 50#	931					
SALT CLAY	52					
SODA ASH 50#	24					
STARCH	109					
						Total Mud Cost
						Trucking Cost
						Trucking Surcharge
						Taxes
						<b>TOTAL COST</b>

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <b>F.G. HOLL</b>	Lease No.	Date
Lease <b>BROCHER 'A'</b>	Well # <b>1-2</b>	<b>9-18-07</b>
Field Code # <b>16517</b>	Station <b>PRATT, KS.</b>	Casing <b>8 5/8</b>
Type Job <b>CNW - SURFACE</b>	Formation	Depth <b>878</b>
		County <b>PAWNEE</b>
		State <b>KS.</b>
		Legal Description <b>2-21-15</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>8 5/8</b>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <b>878</b>	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative <b>TEM</b>	Station Manager <b>SCOTT</b>	Treater <b>COBLEY</b>
Service Units <b>19840</b>	<b>19907</b>	
Driver Names <b>J.A.</b>	<b>KG</b>	<b>DAVE</b>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<b>2330</b>					<b>ON LOCATION 9/17/07</b>
					<b>RUN 878' 8 5/8 C.S.G.</b>
					<b>BREAK CIRC.</b>
					<b>MIX CEMENT</b>
<b>3245</b>	<b>200</b>		<b>95</b>	<b>5</b>	<b>210 SK. A-COM AT 12 PP9</b>
	<b>200</b>		<b>36</b>	<b>5</b>	<b>3% CC, 1/4" CELLULASE</b>
					<b>150 SK. COMMON AT 15 PP9</b>
					<b>2% GEL, 3% CC, 1/4" CELLULASE</b>
					<b>STOP-RELEASE PLUG</b>
	<b>0</b>		<b>0</b>	<b>5</b>	<b>START DISP.</b>
<b>5300</b>	<b>400</b>		<b>54</b>	<b>5</b>	<b>PLUG DOWN</b>
					<b>CIRC. 24/651 CEMENT TO PLUG</b>
<b>5330</b>					<b>JOB COMPLETE - THANKS - KEVIN</b>

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