

DEC 29 2003

CONSERVATION DIVISION  
WICHITA, KS

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

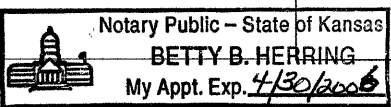
Operator: License # 5056  
 Name: F.G. Holl Company, L.L.C.  
 Address: 9431 East Central, Suite #100  
 City/State/Zip: Wichita, Kansas 67206-2543  
 Purchaser: NCRA  
 Operator Contact Person: Franklin R. Greenbaum  
 Phone: (316) 684-8481  
 Contractor: Name: Duke Drilling Company, Inc. Rig #D-8  
 License: 5929  
 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. \_\_\_\_\_  

<u>08/19/2003</u>	<u>08/26/2003</u>	<u>09/12/2003</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23,194-0000  
 County: Stafford. 100' S. of  
C NW NW SW Sec. 10 Twp. 21 S. R. 14  East  West  
2210 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: KEENAN Well #: 1-10  
 Field Name: Taylor West Abandoned  
 Producing Formation: Conglomerate  
 Elevation: Ground: 1925' Kelly Bushing: 1933'  
 Total Depth: 3850' Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 853' 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 1-89-0A*  
 (Data must be collected from the Reserve Pit)  
 Chloride content 16,000 ppm Fluid volume 900 bbls  
 Dewatering method used Hauled fluids to SWD  
 Location of fluid disposal if hauled offsite:  
 Operator Name: John J. Darrah Oil  
 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: Franklin R. Greenbaum  
 Title: Exploration Manager Date: 12/24/03  
 Subscribed and sworn to before me this 24th day of December, 2003  
 19 \_\_\_\_\_  
 Betty B. Herring  
 Notary Public: Betty B. Herring  
 Date Commission Expires: 04/30/2006



**KCC Office Use ONLY**

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: KEENAN Well #: 1-10  
 Sec. 10 Twp. 21 S. R. 14  East  West County: Stafford. 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 <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:  DIL MEL/BHCS CNL/CDL	<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"	24#	853'	A-C0n	210sx	3%cc, 1/4% celf
					Common	125sx	3%cc, 2% gel
Production	7-7/8"	4-1/2"	10.5#	3848'	50/50 Poz	175sx	4% gel, 2%cc

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	3622'-3628' Conglomerate		

TUBING RECORD		Size <b>2-3/8</b>	Set At <b>3786'</b>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <b>09/12/2003</b>		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. <b>61</b>	Gas Mcf	Water Bbls. <b>Trace</b>	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 3622'-3628' Conglomerate

15-185-23194-0000

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DAILY DRILLING REPORT – KEENAN NO. 1-10  
Stafford County, Kansas

DEC 29 2003

CONSERVATION DIVISION  
WICHITA, KS

ORIGINAL

Formation	Sample Tops	Datum	E-Log Tops	Datum
Herrington	1832	+102	1832	+102
Winfield			1883	+51
Towanda			1949	-15
Ft. Riley			1986	-52
Florence			2032	-98
B/Florence			2073	-139
Wreford			2125	-191
Council Grove			2148	-214
Cottonwood			2256	-322
Neva			2322	-388
Red Eagle			2381	-447
Root Shale			2610	-676
Langdon Ss.			2646	-712
Stotler			2788	-754
Tarkio			2748	-814
Howard			2890	-956
Severy Sh.			2948	-1014
Topeka			2966	-1032
Heebner			3248	-1314
Toronto			3272	-1338
Douglas Sh.			3291	-1357
Brown Lime			3366	-1432
LKC			3376	-1442
BKC			3577	-1643
Viola			3616	-1682
Viola Chert			3634	-1700
Simpson Sh.			3674	-1740
Simpson Ss.			3688	-1754
Arbuckle			3722	-1788
RTD			3850	-1916



ORIGINAL

Customer ID	Date	
Customer	8-20-03	
Lease	Lease No.	Well #
KEENAN		1-10
Casing	Depth	County
8 5/8	851.43	STAFFORD
State	State	
KS	KS	

Field Order #	Station	Formation	Legal Description
6928	PRATT	TO= 853	10-215-14W
Type Job			
8 5/8 SURFACE NEW WELL			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	LEAD	Fluid	210 SKs A-CON	RATE	PRESS	ISIP
8 5/8				Pre Pad	3 3/8 CC. 1/4" C.F.	Max		5 Min.
Depth	Depth	From	To	Pad	12 #/GAL 2.56 FT <sup>3</sup>	Min		10 Min.
Volume	Volume	From	To	Frac	125 SKs Common	Avg		15 Min.
Max Press	Max Press	From	To	2% GEL	3 3/8 CC. 1/4"	HHP Used		Annulus Pressure
Well Connection	Annulus Vol.	From	To	Flush	15 #/GAL 1.36 FT <sup>3</sup>	C.F.		
Plug Depth	Packer Depth	From	To	Gas Volume				Total Load

Customer Representative	Station Manager	Treater
RICH WHEELER	D. AUNTRY	T. SEBA

Service Units	114	26	44	75
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
21:30					CALLED OUT
23:30					ON LOC WITH TRK'S SAFETY MTG.
					RUN 20 JT'S 8 5/8 24" CSG.
					BAPPLE 1ST = 45.51
2:30					START CSG.
4:20					CSG. ON BOTTOM & Hook up
4:30					BREAK CIRC W/RTG.
4:40	250		10	6	START PUMPING
			95.75	}	START MIX: Pump 210 SKs A-CON & 12 #/GAL
			30.25		START MIX: Pump 125 SKs Common & 15 #/GAL
			126.03		SAUT DOWN - RELEASE PLUG
5:13	150			5 1/2	START DISP
	300		51.74	3	PLUG DOWN
5:25	300				CLOSE VALVE ON CSG.
					GOOD CIRC THEN JOB
					CIRC CNT TO P&T ✓

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CONSERVATION DIVISION  
WICHITA, KS

JOB COMPLETE

THANKS

JORO

TREATMENT REPORT

DEC 29 2003



CONSERVATION DIVISION  
WICHITA, KS

Customer ID	Date	ORIGINAL	
Customer	8-27-03		
Lease	Lease No.	Well #	1-10
KHEENAN		County	STAFFORD
Field Order #	Station	Casing	Depth
2008	PLAN, KS.	4 1/2	3848
Type Job	Formation	Legal Description	State
CONCRETE - NW	TD-3850	10-21-14	KS.

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
4 1/2				Pre Pad		Max		5 Min.
Depth	Depth	From	To	Pad		Min		10 Min.
3848		From	To	Frac		Avg		15 Min.
Volume	Volume	From	To	Flush		HHP Used		Annulus Pressure
Max Press	Max Press	From	To			Gas Volume		Total Load
Well Connection	Annulus Vol.	From	To					
Plug Depth	Packer Depth	From	To					
3834								

Customer Representative: ROBLONG Station Manager: ALVIN Treater: K. GORDLEY

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0700					ON LOCATION
					RUN 3848' 4 1/2 CASING.
					RUN BRIDGE STOP, INSERT FRONT.
					CONT. - 2-3-4-5-6-7. BASKET - #5
					SCRAPER - 3580' - 3760'
1245					TRIP BOTTOM - DROP BACK - BREAK CORE
					ROTATE CASING
1450	350		20	6	PUMP 20 bbl SAND FLUSH
	380		12	6	PUMP 12 bbl MUD FLUSH
	350		12	6	PUMP 12 bbl SUPER FLUSH
	350		3	6	PUMP 3 bbl H <sub>2</sub> O
					MIX CEMENT - 75 SK A-SERV
	300		7		10% SC GARDONITE 1/4" x 1/4" C.F. 8/10% FLA 32
	200		48		175 SK. 50/50 POZ 4% C <sub>2</sub> H <sub>5</sub>
			55		2% CC, 5% SC CMC 5, 1% PUA-322,
					3/4% CATS BLOK, 10% SC CATS. 1/4" x 1/4" C.F.
					STOP - WASH CONE - DROP BACK
			0	7	START DESP.
	600		55	4	SLOW RATE
1520	1100		61	4	RUN DOWN - RELEASE - HOLD
					RUN RT & MLT - 25 SK A-SERV.

# Mud-Co / Service Mud, Inc.

**ORIGINAL**

Company FG Holl County/State Stafford, Ks. Pump 6 X 14 X 60 SPM Casing Program 8 5/8 " @ 852 ft.  
 Well #1-10 Keenan Location Sec 10 TWP 21S RNG 14W D.P. 4 1/2 in. GPM 8.2 BPM " @ " ft.  
 Contractor Duke Drilling #8 Date 08/19/03 Engineer Rick Hughes Collar 6 1/4 in. 243 ft. 368 FTMIN R.A. Total Depth 3850 ft.  
 Stockpoint Pratt, Ks.

DATE	DEPTH	WEIGHT lb/gal	VISCOSITY		GELS 10 sec / 10 min	pH	FILTRATION		FILTRATION ANALYSIS		SAND %	REPORT			L.C.M. #/bbl	Pump Pres.	CUMULATIVE COST	REMARKS AND TREATMENT	
			Sec Apl @ F	PV @ F			ml API	Cake 32nds #BBL	Cl ppm	Ca ppm		Solids %	Oil %	Water %					
08/19	0																		
08/21	1741	8.8	64	9	37	7.0	9.2	2	14m	nc		2.6		97.4					Move in rig
08/22	2364	9.7	40	9	19	24/32	7.0	3	46m	hvy		7.3		92.7					Drig.
	2500	8.7	44	11	11	10/30	11.5	1	2900	40		2.6		97.4					Drig.
08/23	2940	9.1	58	13	20	18/39	9.5	1	4000	40		5.5		94.5					Drig.
08/24	3456	9.4	46	7	21	26/35	9.0	2	8000	80		7.5		92.5					CFS
08/25	3610	9.3	55	11	23	20/36	9.5	1	7000	40		7.0		93.0					CFS, DST #1-3513; CFS, DST #2-3671; Final, 2 DST's, log OK Ran production casing
08/26	3734	9.4	64	14	24	26/32	10.0	1	8500	80		7.2		92.8					Reserve pit: 16,000 ppm chlorides 900 bbls volume
08/27	3850																		

**MUD-CO / SERVICE MUD INC**  
 100 S. Main Suite #405  
 Wichita, Ks. 67202  
 6/264-2814 Fax: 316/264-5024  
**DRILLING MUD RECAP**

MATERIALS	SACKS	AMOUNT
C/S Hulls	24	
Caustic Soda	21	
Desco	2	
Drill Pak	5	
Lime	1	
Premium Gel	329	
Salt Clay	50	
Soda Ash	15	
Starch	48	
Super Lig	19	

MATERIALS	SACKS	AMOUNT
X Cide 102w	1	271.15

MATERIALS	SACKS	AMOUNT
Total Mud Cost		
Trucking Cost		
Trucking surcharge		
Taxes		
<b>TOTAL COST</b>		

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 WICHITA, KS

15 - 185 - 23194 - 0000