

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 # 5056
Name: F.G. Holl Company, LLC
Address: 6431 E. Central - Suite 100
City/State/Zip: Wichita, Kansas 67206-2543
Purchaser: N/A
Operator Contact Person: Franklin R. Greenbaum
Phone: (316) 684-8481
Contractor: Name: Duke Drilling Co., Inc.
License: 5929
Wellsite Geologist: Bill Ree

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. App.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic)

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. _____

04-07-04 04-16-04 04/16/2004
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 185-23245-00-00
County: Stafford County, Kansas

50' S. NW SW NE Sec. 22 Twp. 24 S. R. 15 East West
1600 feet from S N (circle one) Line of Section
2310 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW

Lease Name: Vosburgh Well #: 1-22

Field Name: Macksville Townsite

Producing Formation: Dry Hole

Elevation: Ground: 2026 Kelly Bushing: 2035

Total Depth: 4475' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 376 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 13,000 ppm Fluid volume 1,800 bbls

Dewatering method used Hauled fluids to SWD

Location of fluid disposal if hauled offsite: _____

Operator Name: F.G. Holl Company, L.L.C.

Lease Name: McBurney -22 SWD License No.: 5056

Quarter NE Sec. 22 Twp. 24S S. R. 17 East West

County: Edwards Docket No.: D-24,542

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MAY 06 2004
CONSERVATION DIVISION
WICHITA, KS

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: 04/28/2004

Subscribed and sworn to before me this 28th day of April, 2004

19 Betty B. Herring
Notary Public: Betty B. Herring

Notary Public - State of Kansas
BETTY B. HERRING
My Appt. Exp. 4/30/2006

Date Commission Expires: 04/30/2006

KCC Office Use ONLY
NO Letter of Confidentiality Attached
If Denied, Yes Date: _____
Wireline Log Received _____
Geologist Report Received _____
UIC Distribution _____

X

Operator Name: F.G. Holl Company, LLC Lease Name: Vosburgh Well #: 1-22
 Sec. 22 Twp. 24 S. R. 15 East West County: Stafford County, Kansas

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: <u>MEL/BHCS/CNL/CDL</u>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum <u>See attachment</u>
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CASING RECORD <input checked="" 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	# Sacjs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	376'	60/40 Poz	265	3%cc 2%gel

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

TUBING RECORD Size <u>N/A</u> Set At _____ Packer At _____ Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	Date of First, Resumerd Production, SWD or Enhr. <u>N/A</u> 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

DAILY DRILLING REPORT – VOSBURGH NO. 1-22
Stafford County, Kansas

Formation	Sample Tops	Datum	E-Log Tops	Datum
Anhy				
B/Anhy				
Herrington	2056	-21	2056	-21
Winfield	2112	-77	2112	-77
Towanda	2176	-141	2176	-141
Ft. Riley			2220	-185
B/Florence			2322	-287
Wrefold	2376	-341	2373	-338
Council Grov			2404	-369
Neva			2599	-564
Red Eagle	2670	-635	2669	-634
Onaga Shale			2788	-753
Wabaunsee	2852	-817	2854	-819
Langdon Sd.				
Stotler	2981	-946	2982	-947
Tarkio Sd.	3039	-1004	3039	-1004
Howard	3119	-1084	3117	-1082
Severy Sh			3162	-1127
Topeka	3184	-1149	3183	-1148
Heebner	3592	-1557	3591	-1556
Toronto			3610	-1575
Douglas Sh.			3627	-1592
Douglas Sand				
Brown Lime			3733	-1698
LKC			3744	-1709
BKC			4001	-1966
Marmaton			4013	-1978
Kinderhook			4100	-2065
Kinderhook ss			4104	-2069
Viola			4168	-2133
Simpson Sh.			4335	-2300
Simpson Ss.			4342	-2307
Arbuckle Ss.			4396	-2361
RTD			4475	-2440

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 WICHITA, KS

TREATMENT REPORT



Customer ID		Date	
Customer <i>F.G. HOLL</i>		<i>4-8-04</i>	
Lease <i>WOSBURGH</i>		Lease No.	Well # <i>1-22</i>
Field Order # <i>8582</i>	Station <i>Pratt, KS</i>	Casing <i>8 5/8</i>	Depth <i>377</i>
Type Job <i>SURFACE L-NW</i>		County <i>STAFFORD</i>	State <i>KS</i>
Formation		Legal Description <i>22-24-15</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>377</i>	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 *ADK* Station Manager *ADK* Treater *CORDLEY*

Service Units		107		27		32		76	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log				
<i>0130</i>					<i>ON LOCATION</i>				
					<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>RECEIVED KANSAS CORPORATION COMMISSION MAY 06 2004 CONSERVATION DIVISION WICHITA, KS</p> </div>				
<i>0545</i>	<i>200</i>		<i>59</i>	<i>6</i>	<i>TRAC BOTTOM - BREAK CORE</i>				
					<i>MIX CEMENT</i>				
					<i>265 SL 60/40 PDL</i>				
					<i>3% CC, 1/4 #1/4 CELLFACER</i>				
					<i>STOP - RELEASE PLUG</i>				
	<i>0</i>		<i>0</i>	<i>6</i>	<i>START DESP.</i>				
<i>0615</i>	<i>200</i>		<i>23</i>	<i>6</i>	<i>PULL DOWN</i>				
					<i>CORE 15 SL CEMENT</i>				
<i>0730</i>					<i>JOB COMPLETE</i>				
					<i>THANKS - THE VBN</i>				

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

Mud-Co / Service Mud, Inc.

Company F G Holl County/State Stafford, Ks Pump 6 X 18 x 45 SPM Casing Program 8 5/8 " @ 376 ft.
 Well Vosburgh #1-22 Location _____ GPM _____ 7.4 BPM _____ " @ _____ ft.
 Contractor Duke Drilling #1 Sec 22 TWP 24S RNG 15W D.P. 4 1/2 in. _____ 182 FT/MIN R.A. _____ " @ _____ ft.
 Stockpoint Pratt, KS Date 04/07/04 Engineer Rick Hughes Collar 6 1/4 490 ft. 332 FT/MIN R.A. Total Depth 4475 ft.

DATE	DEPTH	WEIGHT lb/gal	VISCOSITY			GELS 10 sec / 10 min.	pH Strip_ Meter_	FILTRATION		FILTRATION ANALYSIS			SAND %	RETORT			L.C.M. #/bbl	Pump Press.	CUMULATIVE COST	REMARKS AND TREATMENT
			Sec API @_F	PV @_F	/			ml API	Cake 32nds	Pres. #/EBL	Cl ppm	Ca ppm		Solids %	Oil %	Water %				
04/08	377																			
04/09	1960	8.7	46	11	15	19/30	7.0	7.6	1		5800	tr		2.4		97.6			WOC	
04/10	2312	9.3	38	8	15	13/22	7.0	12.4	2		35m	hvy		5.0		95.0			Drig.	
		2553	8.7	40	9	8/17	11.5	9.6	1		2300	20		2.9		97.1			CFS	
04/11	2969	9.1	40	9	9	19/44	9.0	12.4	2		5600	160		5.3		94.7			Drig.	
04/12	3624	9.7	47	8	25	24/58	8.5	14.4	2		6300	180		9.6		90.4			Drig.	
		3780	9.4	53	12	38/58	10.5	10.2	1		5000	40		7.9		92.1			CFS	
04/13	3981	9.4	56	13	37	17/45	10.0	9.6	1		3000	80		7.1		92.6			DST #1	
04/14	4100	9.4	44	9	26	22/42	10.0	10.4	1		7000	80		7.4		92.6			Drig.	
04/15	4362	9.4	54	14	24	14/45	10.0	10.4	1		7500	80		7.4		92.6			DST #2	
04/16	4475	9.3	50	12	16	11/28	10.0	9.6	1		7000	120		7.2		92.8			Logging	
04/17	4475																		Final, 2 DST's, logs OK	
																			Plugged well	
																			Reserve pit: 13,000 ppm chlorides	
																			1,800 bbls reserve.	

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

DRILLING MUD RECAP

MATERIALS	SACKS	AMOUNT	MATERIALS	SACKS	AMOUNT	MATERIALS	SACKS	AMOUNT
C/S Hulls	68							
Caustic Soda	27							
Drill Pak	9							
Lime	4							
Premium Gel	201							
Salt Clay	18							
Soda Ash	26							
Starch	59							
Super Lig	28							
X Cide 102w	2							
						Total Mud Cost		
						Trucking Cost		
						Trucking surcharge		
						Taxes		
						TOTAL COST		