

STATE CORPORATION COMMISSION OF KANSAS
 OIL & GAS CONSERVATION DISTRICT
 WELL COMPLETION FORM
 ACO-1 WELL HISTORY
 DESCRIPTION OF WELL AND LEASE

ORIGINAL

API NO. 15- 185-22,948-0001

COPY

County Stafford

75' S SW NW SW Sec. 8 Twp. 21 Rng. 11W

1575' FSL Feet from S (circle one) Line of Section

330' FWL Feet from E (circle one) Line of Section

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

Lease Name KEELER Well # 2-8

Field Name Sandago

Production Information Arbuckle, LKC

Elevation Ground 1797 KB 1806

Total 3515 PBDT 3500'

Amount of Surface Pipe Set and Cemented at 279' KB Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan Re-work, 7-7-'00
 (Data must be collected from the Reserve Pit)

Chloride content 52,000 ppm Fluid volume 1,285 bbls

Dewatering method used Truck Hauling/ Evaporation

Location of fluid disposal if hauled offsite:

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

Lease Name Rader License No. 5056

NE Quarter Sec. 18 Twp. 21 S Rng. 11W E/W

County Stafford Docket No. D 26,046

Operator: License # 5056

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

Address 6427 E. Kellogg

P.O. BOX 780167

City/State/Zip Wichita, KS 67278-0167

Purchaser: NCRA

Operator Contact Person: Elwyn H. Nagel

Phone (316) 684-8481

Contractor: Name: Sterling Drilling Company

License: 5142

Site Geologist: Franklin R. Greenbaum

Designate Type of Completion
 ___ New Well ___ Re-Entry X Workover

X Oil ___ SWD ___ S1OW ___ Temp. Abd.
 ___ Gas ___ ENHR ___ S1GW
 ___ Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:
 Operator: F.G. Holl Company L.L.C.

Well Name: Keeler

Comp. Date 1-26-94 Old Total Depth _____

___ Deepening X Re-perf. ___ Conv. to Inj/SWD
 ___ Plug Back ___ PBDT
 ___ Commingled ___ Docket No. ___
 ___ Dual Completion ___ Docket No. ___
 ___ Other (SWD or Inj?) ___ Docket No. ___

02-29-2000 03-04-2000
 Spud Date Date Reached TD Completion Date

Start

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. 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 6 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 Elwyn H. Nagel

Title Elwyn H. Nagel, Manager Date 05-12-2000

Subscribed and sworn to before me this 12th day of May, 2000

Notary Public Danny Dodd DANNY DODD
 Notary Public - State of Kansas

Date Commission Expires 4-2-2001 My Appt. Expires 4-2-01

K.C.C. OFFICE USE ONLY

F ___ Letter of Confidentiality Attached
 C ___ Wireline Log Received
 C ___ Geologist Report Received

Distribution

KCC SWD/Rep NGPA
 KGS Plug Other
LOG (Specify)

Operator Name F.G. Holl Company L.L.C. Lease Name KEELER Well # 2-8

Sec. 8 Twp. 21 Rge. 11W East West County JAMIGIRO

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Topeka	2720	(-914)
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3004	(-1198)
List All E.Logs Run:	<i>original completion</i>	Douglas Shale	3036	(-1230)
		Brown Lime	3128	(-1322)
		Lansing	3146	(-1340)
		BKC	3371	(-1565)
		Conglomearte	3388	(-1582)
		Simpson Shale	3393	(-1587)
		Arbuckle	3408	(-1602)
		RTD	3515	(-1709)

CASING RECORD <input 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	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#	279'	60/40 Poz	225	2%gel, 3%cc
Production	7 7/8"	5 1/2"	14#	3510'	Lite	50	
					Holl Mix	125	

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
4 SPF	3445-3452' Arbuckle			
4 SPF	3439-3442 Arbuckle			
2 SPF	3379-3381, 3374-3377		500 gal, 15% NEFE Acid	
	3296-3299', 3280-3284'			

TUBING RECORD	Size 2 7/8"	Set At 3450'	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. <i>3-4-2000</i>	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. <i>15</i>	Gas Mcf <i>0</i>	Water Bbls. <i>100</i>	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval: LKC/ARB