

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

API NO. 15- 185-22,948-0001 ORIGINAL  
County Stafford

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

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

Producing Information Arbuckle, LKC

Elevation Ground 1797 KB 1806  
Total 3515 PBTD 3500'

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

Multiphase 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, 7-7-2001/R  
(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

STATE CORPORATION COMMISSION  
RECEIVED  
MAY 16 2 00 PM  
WICHITA, KANSAS

CONSERVATION DIVISION  
Wichita, Kansas

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

Wellsite Geologist: Franklin R. Greenbaum

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  SIGW  
 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  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTD  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_

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

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 on 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 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

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  
(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 St. Clair



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 <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Datum</th> </tr> </thead> <tbody> <tr> <td>Topeka</td> <td>2720</td> <td>(-914)</td> </tr> <tr> <td>Heebner</td> <td>3004</td> <td>(-1198)</td> </tr> <tr> <td>Douglas Shale</td> <td>3036</td> <td>(-1230)</td> </tr> <tr> <td>Brown Lime</td> <td>3128</td> <td>(-1322)</td> </tr> <tr> <td>Lansing</td> <td>3146</td> <td>(-1340)</td> </tr> <tr> <td>BKC</td> <td>3371</td> <td>(-1565)</td> </tr> <tr> <td>Conglomearte</td> <td>3388</td> <td>(-1582)</td> </tr> <tr> <td>Simpson Shale</td> <td>3393</td> <td>(-1587)</td> </tr> <tr> <td>Arbuckle</td> <td>3408</td> <td>(-1602)</td> </tr> <tr> <td>RTD</td> <td>3515</td> <td>(-1709)</td> </tr> </tbody> </table>	Name	Top	Datum	Topeka	2720	(-914)	Heebner	3004	(-1198)	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)
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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 (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																		
List All E.Logs Run:	<i>original completion</i>																																		

CASING RECORD

New  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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (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. <u>3-4-2000</u>	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. <u>15</u> Gas Mcf <u>0</u> Water Bbls. <u>100</u> Gas-Oil Ratio Gravity

Disposition of Gas:    METHOD OF COMPLETION    Production Interval

Vented     Sold     Used on Lease     Open Hole     Perf.     Dually Comp.     Commingled    LKC/ARB

(if vented, submit ACO-18.)     Other (Specify) \_\_\_\_\_