

COPY

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

API NO. 15- 007-22,3550001

County Barber

NE - SW - NW Sec. 3 Twp. 30S Rge. 13W

Operator: License # 5056

3630' FSL Feet from SN (circle one) Line of Section

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

4290' FEL Feet from EW (circle one) Line of Section

Address 6427 E Kellogg

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

P.O. Box 780167

Lease Name DOAN 'A' Well # 1-3

City/State/Zip Wichita, Ks 67278-0167

Field Name Jem South

Purchaser: NCRA

Producing Formation Viola / LKC 'M' Zone

Operator Contact Person: Elwyn H. Nagel

Elevation: Ground 1909' KB 1918'

Phone (316) 684-8481

Total Depth 4770' PBD 4600'

Contractor: Name: --

Amount of Surface Pipe Set and Cemented at -- Feet

License: --

Multiple Stage Cementing Collar Used? Yes No

Wellsite Geologist: --

If yes, show depth set -- Feet

Designate Type of Completion

New Well Re-Entry X Workover

If Alternate II completion, cement circulated from

X Oil SWD SIOW Temp. Abd.

feet depth to w/ sx cmt.

Gas ENHR SIGW

--- Dry Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan REWORK 9/2 7-11-95  
(Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Operator: F. G. Holl Company

Chloride content -- ppm Fluid volume -- bbls

Well Name: DOAN A 1-3

Dewatering method used

Comp. Date 3/25/91 Old Total Depth 4770'

Location of fluid disposal if hauled offsite:

--- Deepening X Re-perf. --- Conv. to Inj/SWD

--- Plug Back --- PBD

X Commingled Docket No. ---

--- Dual Completion Docket No. ---

--- Other (SWD or Inj?) Docket No. ---

Operator Name **RECEIVED**

Lease Name KANSAS CORPORATION COMMISSION License No. ---

Quarter --- Sec. DEC 19 1994 S Rng. --- E/W

County --- Docket No. ---

rigged up 11/15/94 rigged down 11/21/94

~~Workover~~ Date OF START Date Reached TO Completion Date OF WORKOVER

CONSERVATION DIVISION  
WICHITA, KS

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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.

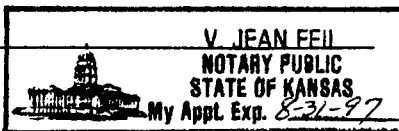
Signature Elwyn H. Nagel

Title Elwyn H. Nagel, Manager Date 12/16/94

Subscribed and sworn to before me this 16th day of December, 19 94.

Notary Public V. Jean Ffii

Date Commission Expires ---



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 DOAN 'A' Well # 1-3  
 Sec. 3 Twp. 30S Rge. 13W  East County Barber  
 West

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Topeka 3368 (-1450) Mississippi 4398 (-2480) Heebner 3743 (-1825) Kind. SH 4435 (-2517) Toronto 3762 (-1844) Simpson SH 4617 (-2699) Douglas 3781 (-1863) Simpson SD 4627 (-2709) Brown Lime 3926 (-2008) Arbuckle 4702 (-2784) Lansing 3946 (-2028) RTD 4770 (-2852) BKC 4330 (-2412) LTD 4770 (-2852) Marmaton 4334 (-2416)
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
List All E.Logs Run: None		

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	# Sacks Used	Type and Percent Additives
Conductor	15 3/4"	13 3/8"		268'	Premium Plus	250	
Surface	12 1/4"	8 5/8"	24 #	1032'	60/40 Poz	550	
Production	7 7/8"	4 1/2"	13.5 #	4765'	Class "H"	225	

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	4298-4304 LKC 'M' Zone	11/16/94 Treated perms w/2 bbls per foot
4 BSPF	4510'-4530'	15% DSFE acid. Swab well dry. Made 50" pulls, swab total of 9.86 bbl, all oil.
		11/17/94 Spotted 1000 gal 15% SGA acid and treated 2 BPM @ 750#. Total load on acid job was 88 bbl. Swab total of 107

<b>TUBING RECORD</b>	Size <u>2 3/8</u> Set At <u>4560'</u> Packer At <u>bb1 50% oil, POP</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. Resumed Production <u>11-21-94</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>21.95</u> Gas Mcf <u>68.4</u> Water Bbls. <u>9</u>	Gas-Oil Ratio <u>9</u> Gravity

Disposition of Gas: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, submit ACO-18.)	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval <u>4510-4530</u> <u>4298-4304</u>
--	---	---