

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

ORIGINAL

County Barber

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

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: ---

License: ---

Wellsite Geologist: ---

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/Re-Entry: old well info as follows:

Operator: F. G. Holl Company

Well Name: DOAN A-1-3

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

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

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

Spud Date OF START Date Reached TO Completion Date OF
OF WORKOVER WORKOVER

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

4290' FEL Feet from E/W (circle one) Line of Section

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

Lease Name DOAN 'A' Well # 1-3

Field Name Jem South

Producing Formation Viola / LKC 'M' Zone

Elevation: Ground 1909' KB 1918'

Total Depth 4770' PBDT 4600'

Amount of Surface Pipe Set and Cemented at --- 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 cat.

Drilling Fluid Management Plan REWORK 29 7-11-95
(Data must be collected from the Reserve Pit)

Chloride content --- ppm Fluid volume --- bbls

Dewatering method used

Location of fluid disposal, if hauled offsite:

RECEIVED

Operator Name KANSAS CORPORATION COMMISSION

Lease Name 12-19-94 License No. _____

DEC 19 1994

Quarter Sec. Twp. S Rng. E/W

County CONSERVATION DIVISION No. _____
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.

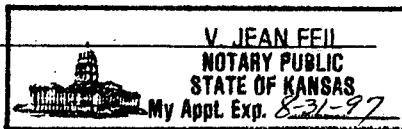
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

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

Subscribed and sworn to before me this 16th day of December, 1994.

Notary Public V. Jean Feil

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)

ORIGINAL

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

Lease Name DOAN 'A'

Well # 1-3

Sec. 3 Twp. 30S Rge. 13W

East
 West

County Barber

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 Yes No
(Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)

List All E.Logs Run: None

Name	Formation (Top), Depth and Datum		Sample
	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)		

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(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 36" 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

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

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
4510-4530
4298-4304