

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

Operator: License # 5056  
Name F.G. Hall Estate  
Address 6427 E. Kellogg  
Wichita, Ks. 67201

Purchaser N/A

Operator Contact Person Elwyn Nagel  
Phone 316-684-8481

Contractor: License # 5142  
Name Sterling Drilling Co.

Wellsite Geologist Franklin Greenbaum  
Phone 316-684-8481

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

Spud Date 12-12-85 Date Reached TD 12-22-85 Completion Date 5-22-86  
Total Depth 4770' PBTD 4733'

Amount of Surface Pipe Set and Cemented at 260 feet  
Multiple Stage Cementing Collar Used? Yes  No  
If yes, show depth set feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt  
Cement Company Name  
Invoice #

API No. 15-151-21,753-00-00  
County Pratt  
C.W/2 SW SE Sec. 14 Twp 29 Rge. 11W East West

660 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

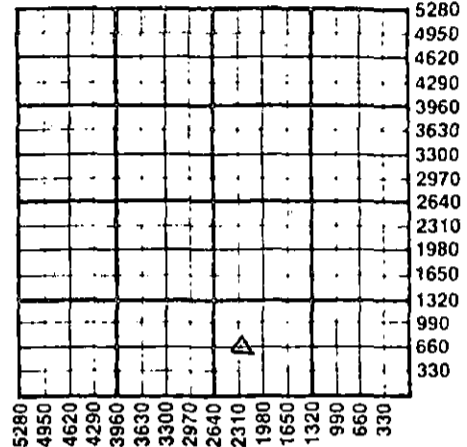
Lease Name Ford Well # 1-14

Field Name Sandy ext. WILCOAT

Producing Formation N/A

Elevation: Ground 1778 KB 1787

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water: T851062  
Division of Water Resources Permit #  
STATE CORPORATION COMMISSION  
Groundwater Ft North from Southeast Corner  
Ft West from Southeast Corner of  
Sec Twp Rge East West  
Wellsurface Water Ft North from Southeast Corner  
(Stream, pond etc) Ft West from Southeast Corner  
Sec Twp Rge East West  
Other (explain)  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 Manager Date 6-9-86

Subscribed and sworn to before me this 9 day of June 1986  
Notary Public Mary D. Slagle

Date Commission Expires MARY D. SLAGLE  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appl. Exp. 03/30/89

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
KCC SWD/Rep NGPA  
KGS Plug Other  
(Specify)

Sec. 14 Twp 29 Rge. 11W

SIDE TWO

Operator Name F.G. Holl Lease Name Ford Well # 1-14

Sec. 14 Twp. 29 Rge. 11W  East  West County Pratt

WELL LOG

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  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1 2648-73 Indian Cave  
 Tool opened with a strong blow. GTS in 14 min.  
 30-30-60-60

IFP: 18#-74# FFP: 65#-111#  
 ISIP: 998# FSIP: 974#

Gas gauges - 47.4 MCF/D ; 20 min.  
 59.2 MCF/D ; 25 min.  
 64 MCF/D ; 30 min.  
 Rcd: 20' thin mud, 240' MW, 120' water

DST #2 4620-61 Simpson

Blow to bottom of bucket immed., no GTS. Closed tool-  
 reopened tool. Blow to bottom of bucket immed. GTS in 50 min.-  
 Not measurable.

Rcd: 400' HO & GCM  
 400' HO & GCMW; 2700' SW; 1100' Free GIP.  
 30-30-60-60  
 IFP: 333#-1193# FFP: 1212#-1573#  
 ISIP: 1601# FSIP: 1601#

Name	Top	Bottom
Onaga shale	2648 (- 861)	
Indian Cave sd	2664 (- 877)	
Wabaunsee	2696 (- 909)	
Heebner	3608 (-1821)	
Brown Lime	3776 (-1989)	
LKC	3797 (-2010)	
BKC	4201 (-2414)	
Mississippi	4318 (-2531)	
Kinderhook sh	4374 (-2587)	
Viola	4560 (-2773)	
Simpson sd	4638 (-2851)	
Arbuckle	4713 (-2926)	

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
Surface		8 5/8"	23#	206' KB	60/40Poz	210	3%cc
Production		4 1/2"	10.5#	4765' KB	Lite 50/50Poz	100	regular
						125	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
4	4640-54			500 gal. 7% DSFE acid			
4	4645-46			cement squeeze perms			
4	4639-42			500 gal. 10% acetic acid			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size 2 3/8" Set At		Packer at			
		4603.44		4603.44			
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	Gas	Water	Gas-Oil Ratio	Gravity	
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) .....  
 Used on Lease  Dually Completed .....  
 Commingled