

SIDE ONE

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

Operator: License # 5056  
Name: F. G. Holl Company  
Address 6427 E. Kellogg  
P.O. Box 780167  
City/State/Zip Wichita, KS 67278-0167  
Purchaser: Prairie Gas Transportation Company  
Operator Contact Person: Elwyn H. Nagel  
Phone (316) 684-8481  
Contractor: Name: Sterling Drilling Company  
License: 5142  
Wellsite Geologist: Brent B. Reinhardt

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

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

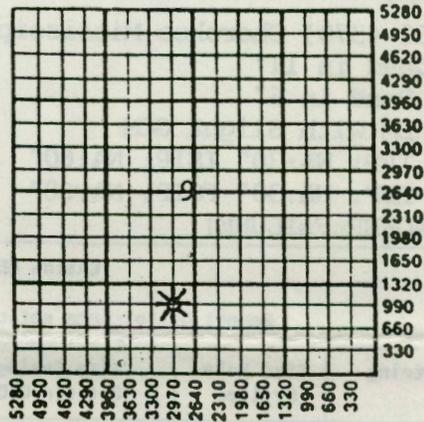
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
5/9/90 5/15/90 6/21/90  
Spud Date Date Reached TD Completion Date

API NO. 15- 047-21,356  
County Edwards

NE SE SW Sec. 9 Twp. 24s Rge. 17w  East West  
990 Ft. North from Southeast Corner of Section  
2970 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name ROLLINS Well # 3-9  
Field Name Massey West

Producing Formation Mississippi/Kinderhook  
Elevation: Ground 2106' KB 2115'  
Total Depth 4460' PBDT None



Amount of Surface Pipe Set and Cemented at 317' KB, 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 cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 8/22/90  
Subscribed and sworn to before me this 24<sup>th</sup> day of August, 19 90.  
Notary Public V. Jean Feil  
Date Commission Expires 8-31-93

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)

V. JEAN FEIL  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 8-31-93

SIDE TWO

Operator Name F. G. Holl Company Lease Name ROLLINS Well # 3-9  
 County Edwards  
 Sec. 9 Twp. 24S Rge. 17W  East  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  Yes  No  
 (Attach Additional Sheets.)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy.)

Formation Description		
Name	Top	Bottom
Topeka	3370 (-1255)	Cherokee SH 4309 (-2194)
Heebner	3735 (-1620)	Cherokee SD1 4319 (-2204)
Douglas	3764 (-1649)	Cherokee SD2 4327 (-2212)
Brown Lime	3858 (-1743)	Mississippi 4334 (-2219)
Lansing	3868 (-1753)	Kinderhook SH4365 (-2250)
BKC	4163 (-2048)	Kinderhook SD4375 (-2260)
Marmaton	4185 (-2070)	Viola 4413 (-2298)
Pawnee	4271 (-2186)	RTD 4460 (-2345)
Ft Scott	4288 (-2173)	LTD 4460 (-2345)

DST #1 (4300-4370) Cherokee-Mississippi  
 1) 4"Blow Dead in 11"  
 2) 1½"Blow Dead in 6"  
 REC: 1160' DM with Slight GCM  
 IHP: NA IFP: NA:30" ISIP: NA:60"  
 FHP: NA FFP: NA:30" FSIP: NA:60"  
 (MISRUN: PACKER FAILURE)

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	12 1/2"	8 5/8" (N)	24#	317'KB	60/40 POZM	225	2%Gel, 3%CC
Production	7 7/8"	4 1/2" (N)	10.5#	4459'KB	Lite	100	Salt, Gils.
					50/50 POZM	125	

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
Shots Per Foot	Specify Footage of Each Interval Perforated		
1 SPF	4336, 37, 38, 47, 48, 49, 55, 58, 4359 Mississippi	AC: 1/2bbl ea Perf w/15%DSFE	4379
	4375, 76, 77, 78, 79 Kinderhook	FR: 32,500 gls MY-T-GEL III	
		LT X-Link (190sks 20/40, 210sks 12/20) w/3500gls 2%RCL	

TUBING RECORD				Liner Run
Size	Set At	Packer At		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4 1/2"	4312	None		

Date of First Production	Producing Method						
7/30/90	<input checked="" type="checkbox"/> Flowing <input 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		
	0	200	10				

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

METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: Mississippi (4336-4359)  
Kinderhook (4375-4379)