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KCC DISTRICT #2  
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8-26-93  
WICHITA, KS

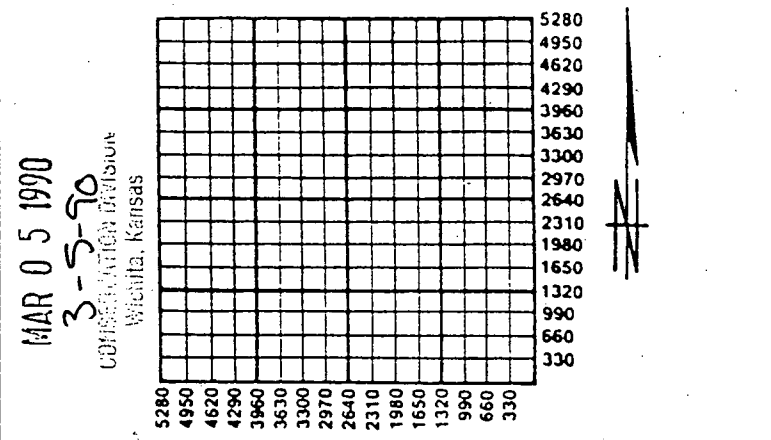
CONFIDENTIAL

SIDE ONE

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

Operator: License # 3295  
Name: David W. Clothier  
Address 225 North Market #333  
  
City/State/Zip Wichita, KS 67202  
Purchaser: Peoples Natural Gas  
Operator Contact Person: David Clothier  
Phone ( 316 ) 267-9227  
Contractor: Name: H-30 Drilling  
License: 5107  
Wellsite Geologist: David W. Clothier  
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)  
If OWWO: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
11/3/89 11/10/89  
Spud Date Date Reached TD ~~Completion Date~~

API NO. 15- 077-21,203-0000  
County Harper  
100' sW/2W/2Wet. 25 Twp. 32 Rge. 9  East  West  
2540 Ft. North from Southeast Corner of Section  
4620 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name Knox Unit Well # 1-25  
Field Name Sullivan  
Producing Formation Lansing  
Elevation: Ground 1442 KB 1447  
Total Depth 4000' PBTD 3946



Amount of Surface Pipe Set and Cemented at 200' @ 207' 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 David W. Clothier  
Title Operator Date 3/2/90  
Subscribed and sworn to before me this 2 day of March, 1990.  
Notary Public Sarah K. Smith  
Date Commission Expires 1-16-94

SARAH K. SMITH  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 1-16-94

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received

Distribution

KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

SIDE TWO

Operator Name David W. Clothier Lease Name Knox Unit Well # 1-25

Sec. 25 Twp. 32 Rge. 9  East  West  
 County Harper

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.)

DST#1, 3430-3453' Rec5'M-IFP31-31#; ISIP 1209#; FFP42-42#; FSIP 1179#  
 DST#2, 3699-3720', Rec115'GCM, GTS/GA.1080 MCFG; IFP130-262#; ISIP 1117#; FFP 325-315#; FSIP 1096#

Formation Description		
Name	Top	Bottom
Heebner	3390(-1943)	
Douglas	3443(-1996')	
Iatan	3695(-2248)	
Stalnaker	3713(-2266)	
Kansas City	3956(-2509)	
Total Depth	4000(-2553)	

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	10"	85/8"	23#	207'	60/45	140	3%cc2%gel
Production	77/8"	51/2"	14#	3986'	surefill	150	

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4	3713-16'	250 gal 10% acetic acid	3713-16'

TUBING RECORD

Size 23/8" Set At 3719 Packer At

Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		1200			

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