

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 # 6151  
Name Kansas Crude, Inc.  
Address 202 Wolcott Bldg.  
Hutchinson, KS 67501  
City/State/Zip

Purchaser.....NCRA.....

Operator Contact Person  
Phone

Contractor: License # 5142  
Name Sterling Drilling

Wellsite Geologist...Jean M. Turk  
Phone

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.....

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

.12-30-83.. ..1-05-84.... ..1-06-84.....  
Spud Date Date Reached TD Completion Date  
.4226.....  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at .350 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-..185-~~2192~~.....  
County..Stafford.....  
NE... NE... NW Sec. 11... Twp. 24S Rge. 14... X East West

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

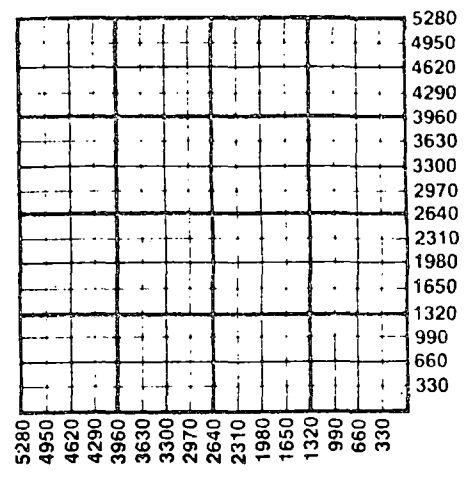
Lease Name Dale Bookstore Well #. 1

Field Name Rattlesnake West

Producing Formation...Mississippi.....

Elevation: Ground...1953'.....KB.....1962'.....

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:  
Division of Water Resources Permit #.....

Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface 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 OP-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 *Carly A. Cain*  
Title..... Date 7-14-86

Carly A. Cain  
NOTARY PUBLIC  
State of Kansas  
My Comm. Expires  
Notary Public.....

Date Commission Expires May 21, 1988  
STATE CORPORATION COMMISSION

JUL 15 1986 7-15-86

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)  
.....  
.....  
Form ACO-1 (5-86)

Sec. 11 Twp. 24S Rge. 14W

SIDE TWO

Operator Name ..... Kansas Crude, Inc ..... Lease Name ..... Dale Bookstore ..... Well # ..... 1 .....

Sec 11 ..... Twp 24S ..... Rge 14 .....  East  West County ..... Stafford .....

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

Name	Top	Bottom
Kansas C	(BSE) 3909	1947 (Depth: Sub
Penn Con	3971	2009
Miss	4012	2050
Viola	4062	2100
Simpson SH	4150	2188
Simpson SS	4164	2202
Arbuckle	4206	2244

CASING RECORD <input 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 Casing		8 5/8		345' KB	Common	250	2% gel 3% cc
Production Casing		5 1/2	14# used	4223' KB	50/50 RFC	50 100	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
3	4036-4042			50 gal. MSR Acid over perfs			
				450 MSR Broke @ 800 lbs			
				Frac 3000 gal @ 700# 4000 gal. 3% gel, 4000# 20/40 sand		3000 gal w/ sand.	
TUBING RECORD				Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No		4500# 20/40 sand.
Date of First Production	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	Gas	Water	Gas-Oil Ratio	Gravity		
	8 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 .....