

20-32-31W

State Geological Survey  
WICHITA, BRANCH

KANSAS DRILLERS LOG

S. 20 T. 32 R. 31 <sup>EW</sup>  
Loc. C 6 1/2 - NE - SW/4 NE/4  
County Seward

API No. 15 - 175 - 20,195  
County Number

Operator  
Texas Energies, Inc.

Address  
306 Bank of the Southwest, Amarillo, Texas 79109

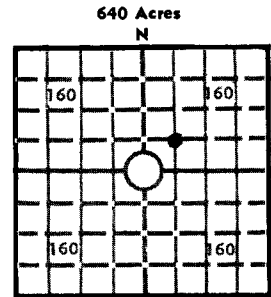
Well No. #1 Lease Name Roehr

Footage Location  
1,980 feet from (N)  line 1,980 feet from (E)  line

Principal Contractor Sage Drilling Co., Inc. Geologist Don Malone

Spud Date April 12, 1973 Total Depth 5,903 P.B.T.D. 5,872

Date Completed May 13, 1973 Oil Purchaser Koch Oil Co.



Elev.: Gr. 2791

DF 2798 KB 2801

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4	8 5/8	23#	1,384	Common	700	6% gel 3% CaCl
Production	7 7/8	5 1/2"	15 1/2#	5,901	Common/Poz	150	15% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Deep Pen	5839-40
TUBING RECORD			2	Deep Pen	5,797-5,809 &
Size	Setting depth	Packer set at			5,823

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gals. 15% MCA - reacidized with -	5,797-5,840
2,000 gals. 15% CRA, fraced	
20,000 gals. salt water & 15,000# 20/40 sand	

INITIAL PRODUCTION

Date of first production <u>July 17, 1973</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>		
RATE OF PRODUCTION PER 24 HOURS	Oil <u>20</u> bbls.	Gas <u>150</u> bbls.	Water <u>150</u> bbls.
Disposition of gas (vented, used on lease or sold)		Producing interval (s) <u>St. Gen</u>	
		CFPB	

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Texas Energies, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Roehr	Oil
S 20 T 32 R 31 W Seward		

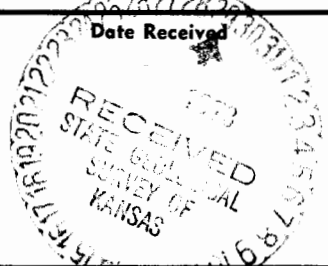
**WELL LOG**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Marmaton	5,084		Heebner	4,313
Cherokee	5,256		Lansing	4,430
Morrow Shale	5,588		Base Kansas City	5,055
Chester	5,639			
St. Gen	5,809		Induction Electric Log	1,382-5,903
DST #1, 5,572'-5,630'			Acoustic Velocity	4,270-5,903
Open 30", shut in 30", open 30", shut in 30". Rec. 10' mud IBHP 105#, IFP 60#, FFP 60#, FBHP 75#.			Fracture Finder - Micro-Seismogram	5,580-5,890
DST #2, 5,698'-5,786'				
Open 30", shut in 30", open 30", shut in 30". Rec. 10' mud, IBHP 75#, IFP 45#, IFP 45#, FBHP 60#.				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

	<p><i>J. E. [Signature]</i></p> <p>Signature</p>
	<p><i>Vice-President</i></p> <p>Title</p>
	<p>9-24-73</p> <p>Date</p>