

29-31-39W

KANSAS DRILLERS LOG

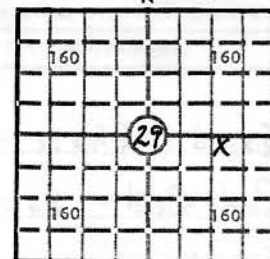
State Geological Survey

S. 29 T. 31 R. 39 W

API No. 15 — 129 — 20,090

WICHITA, BRANCH

Loc. 2590' FSL x 1250' FEL

County Morton640 Acres
N

Locate well correctly

Elev.: Gr. 3251

DF _____ KB _____

Operator

Amoco Production Company

Address

P. O. Box 432 - Liberal, Kansas 67901

Well No.

2

Lease Name

First State Bank of Larned Gas Unit

Footage Location

2590 feet from (S) line 1250 feet from (E) line

Principal Contractor

F.W.A. Drilling Company

Geologist

Spud Date

9-19-72

Total Depth

2936

P.B.T.D.

2878

Date Completed

10-15-72

Oil Purchaser

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	653	Class "H"	400	3% CACL
Production	7-7/8	5-1/2	14	2936	Special	510	18% CACL

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	1/2	2891-2906, 2912-18
					2693-99, 2707-10
					2721-25, 2749-74
					2785-92, 2811-14
					2827-30, 2837-54

TUBING RECORD

Size	Setting depth	Packer set at

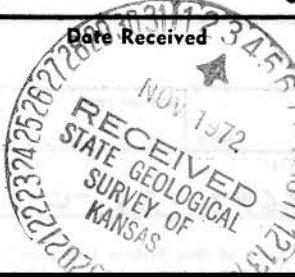
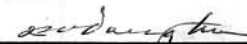
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize w/1500 Gal. 15% Squeeze w/125 Sacks cement	2891 - 2918
Acidize w/2500 Gal. 15% .	2693 - 2854
Sperryhead w/2500 Gal. 15% . Frac w/100,000 Gal Water 100,000 # Sand	2693 - 2854

INITIAL PRODUCTION

Date of first production 10-15-72		Producing method (flowing, pumping, gas lift, etc.) Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas 5,200	Water MCF	Gas-oil ratio bbls.	CFPB
Disposition of gas (vented, used on lease or sold) Waiting on pipeline connection			Producing interval (s) 2693 - 2854		

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 Amoco Production Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas	
Well No. 2	Lease Name First State Bank of Larned Gas Unit		
S 29 T 31 R 39 W			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME
Sand - Shale - Red Bed	0	652	Nuclear
Red Bed - Sand	652	852	
Sand	852	1700	
Sand - Shale	1700	2050	
Lime - Shale	2050	2160	
Shale - Lime	2160	2936	
Log Japs.			
Co. Br. 2682			
TD 2936			
Test Info: 24 Hr. SIP 252 # 20 Min. Open Flow 5.2 MMCFD			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received 		Signature  J. W. VAUGHN Area Administrative Supervisor Title 10-23-72 Date	