

State Geological Survey  
WICHITA, BRANCH

**KANSAS DRILLERS LOG**

API No. 15 — 093 — 20,099  
County Number

Operator  
**Amoco Production Company**

Address  
**P. O. Box 432 - Liberal, Kansas 67901**

Well No. 2 Lease Name **Willits Gas Unit "A"**

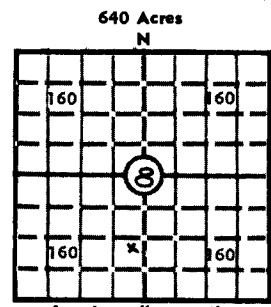
Footage Location  
**1250** feet from (E) (S) line **2590** feet from (E) (W) line

Principal Contractor **Service Drilling Company** Geologist

Spud Date **May 14, 1974** Total Depth **2932'** P.B.T.D. **2930'**

Date Completed **June 5, 1974** Oil Purchaser

S. 8 T. 26S R. 38 W  
Loc. **1250' FSL & 2590' FWL**  
County Kearny



Locate well correctly  
Elev.: Gr. **3262'**  
DF \_\_\_\_\_ KB **3269'**

**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"	22.36# 29.35#	618'	Class "H"	400	2% CACL
Production	7-7/8"	5-1/2"	14#	2932'	Special	800	10% CACL

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	1/2"	2766-72, 2783-87
<b>TUBING RECORD</b>					2793-99, 2818-29
					2837-49, 2862-69
Size	Setting depth	Packer set at			
2-3/8"	2833'				

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
Acidized with 2000 gals. of MCA and Fraced with 100,000 gals. treated water and 100,000# river sand.	2766 - 2869'

**INITIAL PRODUCTION**

Date of first production **June 5, 1974** Producing method (flowing, pumping, gas lift, etc.) **Flowing**

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
		4,600 MCF		
Disposition of gas (vented, used on lease or sold)			Producing interval (s)	
<b>Waiting on pipeline connection</b>			<b>2766 - 2869'</b>	

**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

Willits Gas Unit "A"

S 8 T 26 S R 38 W

**WELL LOG**

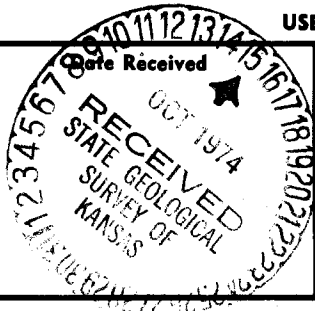
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

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

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Sand, Red Bed	0	619	Gamma-Neutron	1428-2928'
Red Bed	619	1015		
Red Bed, Sand, Gyp.	1015	1603		
Sand, Gyp.	1603	1837		
Shale, Lime	1837	2130		
Lime, Shale	2130	2289		
Shale, Lime	2289	2535		
Lime, Shale	2535	2932		

TEST INFORMATION:  
24 Hour SIP 187#  
20 Minute Open Flow 4.6MMCFD

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



*F. J. Rader*  
Signature

F. J. Rader

Administrative Assistant

Title

September 25, 1974

Date