

# KANSAS DRILLERS LOG

S. 5 T. 25S R. 37 W

API No. 15 — 093 — 20,285  
County Number

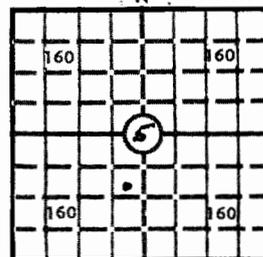
Loc. 1620' FSL & 2270' FWL

County Kearny

Operator  
**Amoco Production Company**

640 Acres  
N

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



Well No. 2 Lease Name **Howard Duvall**

Footage Location  
1620 feet from (■) (S) line 2270 feet from (■) (W) line

Locate well correctly

Principal Contractor **Service Drilling Company** Geologist

Elev.: Gr. 3205

Spud Date 4-21-76 Total Depth 2985 P.B.T.D. 2981

Date Completed 5-15-76 Oil Purchaser

DF \_\_\_\_\_ KB 3212

## CASING RECORD

State Geological Survey  
WICHITA BRANCH

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	24.00	622	Class "H"	385	3% CACL
Production	7-7/8	5-1/2	15.50	2985	Special	800	18% CACL

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	1/2	2764-68, 2770-76
					2778-82, 2790-94
					2796-99, 2801-07
					2811-15, 2827-33
					2840-49, 2866-70

TUBING RECORD		
Size	Setting depth	Packer set at
2-3/8	2835	

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized with 2600 gals. 15% HCL. Fraced with 100,000 gals. treated water and 300,000# river sand.	2764 - 2870'

## INITIAL PRODUCTION

Date of first production <u>5-15-76</u>		Producing method (flowing, pumping, gas lift, etc.) <b>Flowing</b>			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	CFPB
	bbls.	<u>4,900</u> MCF		bbls.	
Disposition of gas (vented, used on lease or sold) <b>Waiting on pipeline connection</b>				Producing interval (s) <b>2764 - 2870'</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

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Amoco Production Company

Gas

Well No.

Lease Name

2

Howard Duvall

S 5 T25S R 37 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

Gyp., Sand, Red Bed

0

623

Gamma-Neutron

1480-2980

Sand, Gyp.

623

800

Red Bed, Lime, Sand

800

1287

Sand, Gyp.

1287

1640

Sand, Shale

1640

1932

Shale, Lime, Sand

1932

2242

Sand, Shale

2242

2607

Lime, Shale, Anhydrite

2607

2755

Lime, Shale

2755

2881

Lime, Sand, Shale

2881

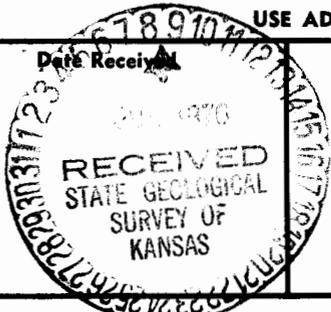
2985

TD

2985

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

Date Received



*F. J. Rader*  
Signature

Administrative Assistant

Title

5-19-76

Date