

KANSAS DRILLERS LOG

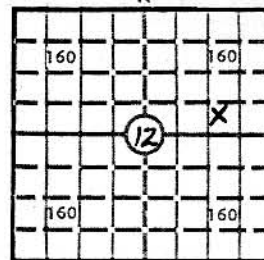
State Geological Survey
WICHITA, BRANCH

API No. 15

129
187
County20,644
20,112
Number

S. 12 T. 31 R. 40 W

Loc. 1250' FEL x 2495' ENL

County ~~Morton~~ Stanton640 Acres
N

Locate well correctly

Elev.: Gr. 3234

DF _____ KB _____

Operator

Amoco Production Company

Address

P. O. Box 432 - Liberal, Kansas 67901

Well No.

2

Lease Name

Allen Gas Unit "A"

Footage Location

2495 feet from (N) line 1250 feet from (E) line

Principal Contractor

F.W.A. Drilling Company

Geologist

Spud Date

6-16-73

Total Depth

2874

P.B.T.D.

2873

Date Completed

7-2-73

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	628	Class "H"	400	3% CACL
Production	7-7/8	5-1/2	14	2874	Special	510	18% CACL

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	1/2	2696-2702, 2712-18
					2734-39, 2751-82
					2794-2800, 2818-22

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize with 2500 Gal 15% Frac with 100,000 Gal water & 100,000 # sand.	2696 - 2822

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
7-2-73		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	3200 MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
Waiting on pipeline connection			2696 - 2822		

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, DRY HOLE, SWDW, ETC.: Gas
Well No. 2	Lease Name Allen Gas Unit "A"	
S 12 T 31 R 40 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	628	Gamma Ray-Neutron	
Red Bed - Sand	628	1268		
Sand, Chalk & Anhydrite	1268	1930		
Shale	1930	2205		
Shale - Lime	2205	2385		
Lime	2385	2650		
Lime - Shale	2650	2874		

7-16.73

AMOCO PRODUCTION CO. #2 ALLEN GAS UNIT "A" 12-31-40W
 BOX 432, LIBERAL, KS 1250' FEL &
 CONTR FWA DRILLING CO. CTY MORTON 2495' FNL
 GEOL FIELD PANOMA
 E 3234 GL CMP/16/73 CARD ISSUED 7/12/73 IP 0.F. 3,200,000 CFDPD
 CO GR 2696-2822

API 15-187-20,112

LOG TOPS	DEPTH	DATUM
CO GR	2688	+ 546
TD	2860	+ 374

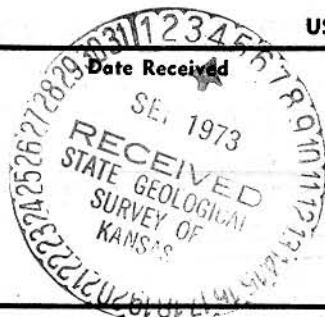
8 5/8" 628/400SX; 5 1/2" 2824/510SX

NO DSTS

MICR, PF 12/2696-2702, 12/2712-18,
 8/2734-38, 62/2751-82, 12/2794-2800,
 8/2818-22, A2500 FRAC 100,000GW +
 100,000#SD SWBG LD

Test Info: 24 Hr. SIP 221 *
 20 Min. Open Flow 3.2 MMCFD

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



Signature: J. W. VAUGHN
 Title: Area Administrative Supervisor
 Date: