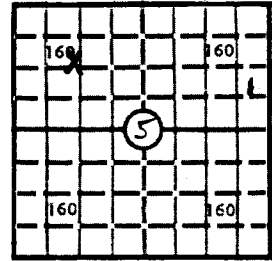


KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHS. 5 T. 29 R. 38 WAPI No. 15 — 067 — 20,227
County NumberLoc. 1250' ENL X 1250' ENLCounty Grant
640 Acres
N

Locate well correctly

Elev.: Gr. 3127

DF _____ KB _____

Operator

Amoco Production Company

Address

P. O. Box 432 - Liberal, Kansas 67901

Well No.

2

Lease Name

Goertzen Gas Unit "B"

Footage Location

1250 feet from (N) line 1250 feet from (W) line

Principal Contractor

Service Drilling Company

Geologist

Spud Date

9-27-72

Total Depth

2828

P.B.T.D.

2817

Date Completed

10-13-72

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	687	Class "A"	385	3% CACL
Production	7-7/8	5-1/2	14	2828	Special	530	18% CACL

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	1/2	2630-36, 2653-60
					2688-2707, 2726-34
					2752-56, 2770-74
					2784-94

TUBING RECORD

Size	Setting depth	Packer set at
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ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Spearhead w/2500 Gal 15% Frac w/100,000 Gal. water and 100,000 # Sand	2630 - 2794

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
10-13-72		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	10,000 MCF		bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
Waiting on pipeline connection			2630 - 2794		

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, GA. DRY HOLE, SWDW, ETC.: <div style="text-align: right;">Gas</div>	
Well No. 2	Lease Name Goertzen Gas Unit "B"		
S <u>5</u> T <u>29</u> R <u>28</u> 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	<div style="display: flex;"><div>NAME</div><div>DEPTH</div></div>
Sand - Red Bed	0	697	Gamm Ray Unit 1315-2815
Red Bed-Sand-Shale	697	1685	Log Tops Cogr 2622 TD 2828
Sand-Shale-Anhydrite	1685	2553	
Lime-Shale	2553	2828	
Test Info: 24 Hr. SIP 237 *			
20 Min. Open Flow 10.0 MMCFD			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
<div>NOV 1972 RECEIVED STATE GEOLOGICAL SURVEY OF KANSAS</div>	<div>J. W. VAUGHN</div> <div>Area Administrative Supervisor</div> <div>10-23-72</div>		