

KANSAS DRILLERS LOG

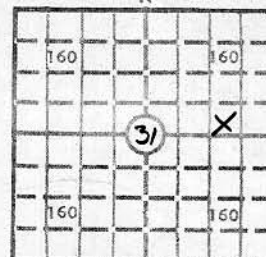
State Geological Survey
WICHITA, BRANCH

31-31-39W

S. 31 T. 31 R. 39 W

Loc. 2590' ENL X 1250' FEL

County Morton

640 Acres
N

Locate well correctly

Elev.: Gr. 3258

DF KB

API No. 15 — 129 — 20103
County Number

Operator

Amoco Production Company

Address

P. O. Box 432 - Liberal, Kansas 67901

Well No.

2

Lease Name

Milburn Gas Unit "B"

Footage Location

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

Principal Contractor

F.W.A. Drilling Company

Geologist

Spud Date

6-12-73

Total Depth

2872

P.B.T.D.

2872

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	614	Class "H"	400	3% CACL
Production	7-7/8	5-1/2	14	2872	Special	510	18% CACL

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	1/2	2701-03, 2716-19
					2740-42, 2762-85
					2797-2807, 2818-24

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize w/ 2500 Gal 15% Frac w/ 100,000 Gal. water and 100,000 # Sand	2701-2824

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.	2100	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
Waiting on pipeline connection			2701-2824		

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.: OF DRY HOLE, SWDW, ETC.: Gas
Well No. 2	Lease Name Milburn Gas Unit "B"	
S 31 T 31 R 39 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	1430	Gamma - Neutron	1650 - 2872
Sand	1430	1860		
Shale	1860	2365		
Shale - Lime	2365	2680		
Lime	2680	2800		
Lime - Shale	2800	2872		

7-16-73

AMOCO PRODUCTION CO.		#2 MILBURN GAS UNIT "B"		31-31-39W
P.O. BOX 432, LIBERAL, KS.				2590' FNL
CONTR F.W.A. DRILLING CO.		CTY MORTON		1250' FEL
FIELD PANOMA				
E 3258 GL CM 6/12/73 ^{SARD} 7/12/73 IP 0. F. 2,100,000 CEGPD				
CO GR 2701-2824				
API 15-129-20,103				
LOG TOPS	DEPTH	DATUM	8 5/8" 614/400sx; 5 1/2" 2872/510sx	
CO GR	2688	+ 570	NO DSTS	
RTD	2877	+ 381		
			MICT, PF 4/2701-03, 6/2716-19, 4/2740-42, 46/2762-85, 20/2797-2807, 12/2818-24 A2500 FRAC 100,000GW + 100,000#SD	
			SWBG LD	

Test Info: 24 Hr. SIP 240 #
20 Min. Open Flow 2.1 MMCFD

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




 J. W. VAUGHN
 Area Administrative Supervisor
 Title
 Date