

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCHAPI No. 15 — 175 — 20,202
County NumberS. 11 T. 31S R. 33 W
Loc. 1250' FSL X 1250' FEL
County Seward

Operator

Amoco Production Company

Address

Box 432 - Liberal, Kansas 67901

Well No.

2

Lease Name

Kasel Gas Unit

Footage Location

1250 feet from (X) (S) line 1250 feet from (E) (X) line

Principal Contractor

FWA Drilling Company

Geologist

Spud Date

8-8-73

Total Depth

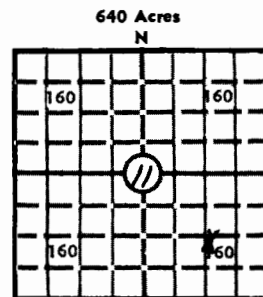
2752

P.B.T.D.

Date Completed

9-22-73

Oil Purchaser



Locate well correctly

Elev.: Gr. 2880DF _____ KB 2885

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
<u>Surface</u>	<u>12 1/4"</u>	<u>8 5/8"</u>	<u>23</u>	<u>698'</u>	<u>Class "H"</u>	<u>400</u>	<u>3% CACL</u>
<u>Production</u>	<u>7 1/2"</u>	<u>5 1/2"</u>	<u>14</u>	<u>2752'</u>	<u>Special</u>	<u>510</u>	<u>10% CACL</u>

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
----------	-------------	--------------

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
<u>2</u>	<u>1/2" Jet</u>	<u>2590-92, 2596-2602,</u> <u>2606-08, 2619-49,</u> <u>2663-67, 2674-80,</u> <u>2686-88, 2702-21.</u>

TUBING RECORD

Size	Setting depth	Packer set at
<u>2 3/8"</u>	<u>1625</u>	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
<u>Acidize with 20,000 gal 15% in 2 stages with 200*</u>	<u>2590 - 2721'</u>
<u>Benzoic flake between stages.</u>	
<u>Acidize with 500 gal 15% HCL</u>	<u>2590 - 2608'</u>

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
9-22-73		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	2,000 MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
Waiting on pipeline connection.			2590-2721		

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 <i>Amoco Production Company</i>		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: <i>Gas</i>		
Well No. <i>2</i>	Lease Name <i>Kasel Gas Unit</i>			
S <i>11</i> T <i>31</i> S <i>R33</i> <i>W</i>				
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
<i>Sand</i>	<i>0</i>	<i>465</i>	<i>Gamma-Neutron</i>	<i>1500-2752'</i>
<i>Sand</i>	<i>465</i>	<i>610</i>		
<i>Redbed</i>	<i>610</i>	<i>701</i>		
<i>Gyp, Sand</i>	<i>701</i>	<i>1070</i>		
<i>Anhydrite</i>	<i>1070</i>	<i>1830</i>		
<i>Shale</i>	<i>1830</i>	<i>2625</i>		
<i>Shale, Lime</i>	<i>2625</i>	<i>2752</i>		
 <i>Test Info:</i> <i>24 Hr SI Pressure 2637</i> <i>20 Min. Open Flow 2.0 MMCFD</i>				
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
189101112131415161718192021222324252627282930313233343536 Day Received Nov 1973 RECEIVED STATE GEOLOGICAL SURVEY OF KANSAS		<i>J. W. VAUGHN</i> Signature <i>Area Administrative Supervisor</i> Title <i>October 24, 1973</i> Date		