

KANSAS DRILLERS LOG

S. 27 T. 29S R. 40 ^W

API No. 15 — 187 — 20338
 County Number

Loc. 1320' FNL & 1320' FEL

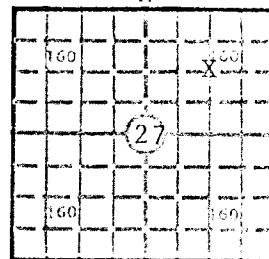
Operator
Amoco Production Company

County Stanton

Address
P. O. Box 432 Liberal, KS 67901

640 Acres
 N

Well No. 1 Lease Name
Kansas University Endowment Association



Footage Location
1320 feet from (N) line 1320 feet from (E) line

Locate well correctly

Principal Contractor Service Drilling Company Geologist

Spud Date 06-23-81 Total Depth 2800 P.B.T.D. 2580

Elev.: Gr. 3256

Date Completed 09-19-81 Oil Purchaser

DF 3264 KB 3265

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	24	690	65-35 Pozmix Class "H"	250 150	6% gel 2% CACL 3% CACL
Production	7-7/8	5-1/2	14	2800	65-35 Pozmix 50-50 Pozmix	500 150	6% gel 1/4# D29 2% gel 18% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	1/2" JET	2640-54
			2	1/2" JET	2509-33, 2560-75 2580-2588

TUBING RECORD

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize w/750 gal 15% HCL w/40 ball sealers, Set cast iron BP at 2610 ft.	2640-54
Spearhead w/2500 gal 15% HCL. Frac w/100,000 gal trt wtr & 200,000# 10-20# sand.	2509-2588

INITIAL PRODUCTION

Date of first production <u>09-19-81</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Flow</u>			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	bbls.	CFPB
		<u>1350</u>		
Disposition of gas (vented, used on lease or sold) <u>Waiting on pipeline connection</u>			Producing interval(s) <u>2509-2588</u>	

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

Operator Amoco Production Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. 1	Lease Name Kansas Univ. Endowment Association	Gas
S 27 T 29S 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	0	400	BHC Sonic	700-2800
Sand, Red Bed	400	1195	Gamma Ray	0-2800
Sand	1195	1400	Compensated	
Sand, Shale	1400	1845	Density Neutron	696-2800
Shale	1845	2274	Dual Induction	
Lime, Shale	2274	2296	Laterlog	692-2800
Shale, Lime	2296	2405		
Lime, Shale	2405	2500		
Shale, Lime	2500	2531		
Lime	2531	2564		
Shale, Lime	2564	2800		

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

Date Received	 R. C. Carlson Signature
	Administrative Supervisor Title
	9-28-81 Date



Amoco Production Company
WELL RECORD

SUPPLEMENTAL (ENTER "X" WHEN APPLICABLE)

Grid for locating the well correctly, with a small 'X' in the 5th row, 5th column.

LEASE Kansas University Endowment Association WELL NO. 1
LOCATION OF WELL: 1320 FT. NORTH SOUTH OF THE NORTH SOUTH LINE AND 1320 FT.
OF SECTION 27 TOWNSHIP 29 NORTH SOUTH RANGE 40 EAST WEST.
Stanton Kansas
COUNTY STATE

ELEVATION: 3256 GT.
COMPLETED AS: OIL WELL GAS WELL WATER WELL DRY HOLE
DRILLING COMMENCED 06-23 19 81 COMPLETED 07-01 19 81

OPERATING COMPANY Amoco Production Company ADDRESS P. O. Box 432 Liberal, KS 67901

Table for OIL OR GAS SANDS OR ZONES with columns for NAME, FROM, TO, and well numbers 1-6.

Table for WATER SANDS with columns for NAME, FROM, TO, WATER LEVEL, and well numbers 1-4.

Table for CASING RECORD (OVERALL MEASUREMENT) and LINER SCREEN RECORD with columns for size, weight, threads, make, grade, quantity, size, and set at.

Table for PACKER RECORD with columns for size, length, set at, and make and type.

Table for CEMENTING RECORD and MUDDING RECORD with columns for size, where set, sacks, cement brand/type, method, final press, and mudding results.

WHAT METHOD WAS USED TO PROTECT SANDS WHEN OUTER STRINGS WERE PULLED?
WERE BOTTOM HOLE PLUGS USED? No

IF SO, STATE KIND, DEPTH SET AND RESULTS OBTAINED
ROTARY TOOLS WERE USED FROM 0 FEET TO 2800 FEET, AND FROM FEET TO FEET
CABLE TOOLS WERE USED FROM FEET TO FEET, AND FROM FEET TO FEET
24-HOUR PRODUCTION OR POTENTIAL TEST 4 Point Test from Council Grove

IF GAS WELL, CUBIC FEET PER 24 HOURS 1350 AOP SHUT-IN PRESSURE LBS. PER SQUARE IN.
WATER BBLs.

NOTARY PUBLIC V. K. BRUCE
I, THE UNDERSIGNED, BEING FIRST DULY SWORN UPON OATH, STATE THAT THIS WELL RECORD IS TRUE AND CORRECT, ACCORDING TO THE RECORDS OF THIS OFFICE AND TO THE BEST OF MY KNOWLEDGE AND BELIEF.
SUBSCRIBED AND SWORN TO BEFORE ME THIS 28th DAY OF September 19 81
R. C. Carlson Admn. Supvr.
V. K. Bruce NOTARY PUBLIC

FORMATION RECORD

SCRIBE EACH FORMATION DRILLED. INDICATE THICKNESS, CONTENT AND WHETHER DRY, OR OIL, GAS, OR WATER BEARING.

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
Sand	0	400			
Sand, Red Bed	400	1195			
Sand	1195	1400			
Sand, Shale	1400	1845			
Shale	1845	2274			
Lime, Shale	2274	2296			
Shale, Lime	2296	2405			
Lime, Shale	2405	2500			
Shale, Lime	2500	2531			
Lime	2531	2564			
Shale, Lime	2564	2800			