

KANSAS DRILLERS LOG

State Geological Survey
WICHITA, BRANCH

API No. 15 — 083 — 20,326
County Number

S. 22 T. 21 R. 21 W
Loc. 150 W of C SE NW
County Hodgeman

Operator

Phillips Petroleum Company

Address

Box 287
Great Bend, Kansas

Well No.

#2

Lease Name

Waterhouse "AB"

Footage Location

660 feet from (N) (S) line 510 feet from (E) (W) line

Principal Contractor

SLAWSON DRLG. CO.

Geologist

J. FIRSTENBERGER

Spud Date

10/31/73

Total Depth

4348

P.B.T.D.

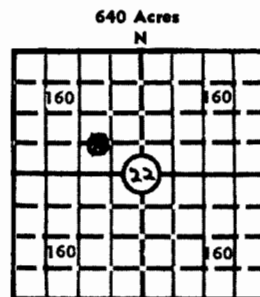
P. & A.

Date Completed

P. & A - 11-10-73

Oil Purchaser

NONE



Locate well correctly

Elev.: Gr. 2132'

DF. 2135' KB. 2137'

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"	43.25 - 51.5 40.35 - 28.5 51.5 - 32.5	1271.00'	REGULAR	274+200	20% DIACELD 2% CC 2% CC + 1/4 FLOCEL/SK.

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS		Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)				Producing interval (s)	

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 PHILLIPS PETROLEUM CO.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. # 2	Lease Name WATERHOUSE AB	Dry Hole
S. 22 T. 21 R. 21		

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
Shale & SHELLS	0	575	Anhydrite	1263
REDBED	575	615		
SAND	615	630	Heebner	3636
SAND SHALE	630	1200	Toronto	3656
SHALE SHELLS	1200	1263	Lansing	3702
ANHYDRITE	1263	1278	B. K.C.	4263
SHALE - RED BED	1278	1635	Mississippi	4317
SHALE & SHELLS	1635	2150		
LIME & SHALE	2150	2509		
LIME	2509	2875		
LIME w/ SHALE STREAKS	2875	3702		
L.K.C.	3702	4263		
LIME	4263	4317	Ren GR Guard	
MISSISSIPPI	4317		Density log	4350
LIME		4350		

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

	Date Received NOV 1973
	Signature C. D. [Signature]
	Title Prod. Supt.
	Date 11-14-73