State Geological Survey
WICHITA, BRANCH
K. G. S. LIBRARY

KANSAS DRILLERS LOG

API No. 15 — 135 — 21242
County — Number

S. 10 T. 17S R. 25 E W
Loc. C N/2 SW SW
County Ness

640 Acres
N
160 160
160 160
Locate well correctly

Elev.: Gr.
DF KB 2466

Operator: Patrick Petroleum
Address: 200 East First Street, Suite 414, Wichita, Kansas 67202
Well No.: 4
Lease Name: Rupp
Footage Location: feet from (N) (S) line; feet from (E) (W) line
Principal Contractor: Strata Drilling Company
Geologist: Micheal S. Mitchell
Spud Date: December 27, 1976
Total Depth: 4452'
P.B.T.D.:
Date Completed: January 5, 1977
Oil Purchaser: D & A

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 Casing	12¼"	8-5/8"	28#	309'	Common	200	2% gel, 3% C.C.

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

1-19-77

PATRICK PET. CORP. & TWIN WESTERN RESOURCES
SUITE 414, 200 E. FIRST, WICHITA, KS.
#4 RUPP
10-17-25W
N/2 SW SW

CONTR STRATA DRLG. CTY NESS
GEOL FIELD STUTZ EAST
E 2466 KB CM 12/27/76 CARD ISSUED 1/13/77 IP D&A/MISS

API 15-135-21,242

LOG TOPS	DEPTH	DATUM
ANH	1800	+ 666
B ANH	1826	+ 640
HEEB	3794	-1328
LANS	3834	-1368
BKC	4132	-1666
PAWN	4261	-1795
FT SC	4332	-1866
MISS DOL	4428	-1962
LTD	4452	-1986
RTD	4452	-1986

8-5/8" 304.23/200sx
DST (1) 4320-63/30-30-60-60, REC 750' GAS, 60'O&GCM, 90'HO&GCM, SIP 1022-1079# FP 57-57# 91-103#
DST (2) 4435-46/30-30-60-60, 5'FO, 55' O SPKD M, SIP 549-572# FP 11-11# 22-22# BHT 118°

INDEPENDENT OIL & GAS SERVICE
WICHITA, KANSAS

Depth interval treated

Gas-oil ratio
bbls. CFPB

py of this Drillers Log shall be trans-
are available from the Conservation
316-522-2206. If confidential custody
Survey of Kansas, Lawrence, Kansas

Patrick Petr. #4 Rupp 10-17-25W C N/2 SW SW

FORMATION	FROM	TO	REMARKS
Surface soil, Postrock & Shale	0	322	Ran 304.23' of used 8-5/8" surface casing; set and cemented at 309' with 200 sacks of common cement, 2% gel and 3% C.C. Cement circulated. Plug down at 4:15 A.M. December 28, 1976
Shale	322	500	
Shale, Sand & Shale	500	1798	
Anhydrite	1798	1830	
Shale	1830	2160	
Lime & Shale	2160	4390	
Lime	4390	4452	Ran four drill stem tests Ran electric log D. & A. Hole plugged as follows: Plugged at 720' with 70 sacks of 50-50 pozmix, plugged at 240' with 20 sacks of 50-50 pozmix; plugged at 40' with 10 sacks of 50-50 pozmix. Plugged rathole and mousehole with 5 sacks each. Plug down at 10:00 A.M. January 5, 1977.