

State Geological Survey
WICHITA, BRANCH

14-11-30W

15-063-20440

DRILLERS LOG

OPERATOR: Patrick Petroleum Corporation
400 One Twenty Building
Wichita, Kansas 67202

LEASE: Verhoeff #1
C S/2 S/2 NW Sec.14-11S-30W
Gove County, Kansas

CONTRACTOR: Slawson Drilling Company, Inc.
200 Douglas Building
Wichita, Kansas 67202

COMMENCED: 2/25/80

COMPLETED: 3/6/80

RTD: 4570'

SURF. CASING: 8-5/8" set at 408' with 265 sx

PROD. CASING: 5-1/2" set at 4569' with 200 sx cement

0' to 409' 12 $\frac{1}{4}$ " Surface Hole
409' to 1345' Shale & Sand
1345' to 2315' Shale & Shells
2316' to 2818' Shale
2818' to 2980' Shale & Lime
2980' to 3195' Lime & Shale
3195' to 3385' Shale & Lime
3385' to 4045' Lime & Shale
4045' to 4130' Lime
4130' to 4175' K.C.
4175' to 4386' Lime
4386' to 4465' Limestone
4465' to 4536' Lime
4536' to 4570' Mississippian
RTD: 4570'

STATE OF KANSAS

COUNTY OF SEDGWICK

I, James C. Remsberg, of the Slawson Drilling Company, Inc.
hereby state the above is an accurate copy of the Verhoeff log for
Patrick Petroleum Corp.


James C. Remsberg

Subscribed and sworn to me
this 25th day of March, 1980