

9-13-33W

DRILLERS LOG

OPERATOR: Petroleum, Inc.
800 R. H. Garvey Building
Wichita, Kansas 67202

LEASE NAME: Garvey, Inc. 'AS' #1
SE SE NE Sec. 9-13S-33W
Logan County, Kansas

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

RTD: 4670'

SURFACE CASING: 8-5/8" set at 1331' with 800 sx cement

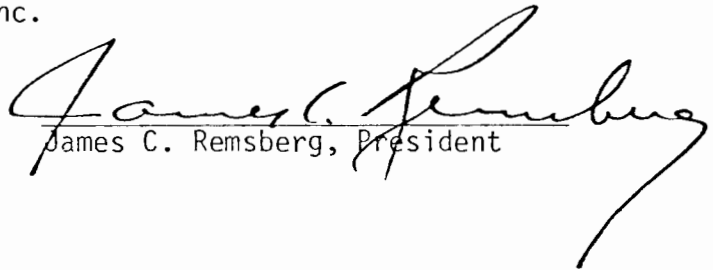
PRODUCTION CSG: 5-1/2" set at 4669' with 225 sx cement

0' to 1333' 12 1/4" Surf. Hole
1333' to 2478' Shale
2478' to 2501' Anhydrite
2501' to 3294' Shale
3294' to 3700' Shale & Lime
3700' to 4670' Lime
RTD 4670'

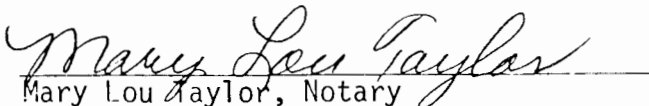
STATE OF KANSAS

COUNTY OF SEDGWICK

I, James C. Remsberg, of the Slawson Drilling Company, Inc.
hereby state the above is an accurate copy of the drillers log for the
Garvey, Inc. 'AS' #1 for Petroleum, Inc.


James C. Remsberg, President

Subscribed and sworn to me this
13th day of June, 1983


Mary Lou Taylor, Notary

My commission expires: January 17, 1985