

P/

15-21-23W

DRILLERS LOG

State Geological Survey
WICHITA BRANCH

OPERATOR: Sulpetro International, Ltd.
1100 One Energy Square Building
4925 Greenville Avenue
Dallas, Texas 75206

LEASE: Marie Wellensick No. 1
C SE SW Sec. 15-21S-23W
Hodgeman County, Kansas

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

COMMENCED: 1/17/79

COMPLETED: 1/27/79

RTD: 4625'

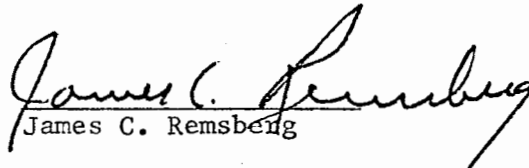
CASING: 8-5/8" set at 568' with 350 sx cement

0' to 900' Clay & Shale (575' 12 1/4" Surface hole)
900' to 1063' Shale Blaine @ 970'
1063' to 1265' Sand
1265' to 1625' Shale
1625' to 2000' Shale & Shells
2000' to 2358' Shale
2358' to 2550' Shale & Shells
2550' to 3190' Shale & Lime
3190' to 4508' Lime & Shale (Lime at 4508)
4508' to 4571' Lime & Shale
4571' Mississippian & Lime
4571' to 4625' Mississippian
4625' RTD

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 log on the Marie Wellensick No. 1 for Sulpetro International, Ltd.


James C. Remsberg