

15-195-20423
12-11-25W
NW NW NE

State Geological Survey
WICHITA BRANCH

DRILLERS LOG

OPERATOR: Associates Oil & Gas
501 One Twenty Building
Wichita, Kansas 67202

LEASE: Tidball No. 8
100' W & 50' N or NW NW NE, Sec. 12-11S-25W
Trego County, Kansas

CONTRACTOR: Slawson Drilling Company, Inc.
408 One Twenty Building
Wichita, Kansas 67202

COMMENCED: 5/31/77

COMPLETED: 6/6/77

RTD: 3985'

CASING: Used 8-5/8 set at 223' with 150 sacks cement

OIL STRING: 4½" set at 3980 with 175 sacks cement

0' to 226' Surface, Sand, Clay & Shale
226' to 295' Shale
295' to 1495' Shale & Shells (sand streaks)
1495' to 1550' Shale & Shells
1550' to 1748' Sand
1748' to 1988' Shale & Shells
1988' to 2030' Anhydrite
2030' to 2115' Shale & Shells
2115' to 2825' Shale & Shells
2825' to 3785' Lime & Shale
3785' to 3815' K.C. Lime
3815' to 3985' Lime
3985' RTD

State of Kansas
County of Sedgwick

I, James C. Remsberg, of the Slawson Drilling Company, Inc. hereby state that this is a true and accurate copy of the log of the Tidball No. 8 well.

James C. Remsberg
James C. Remsberg

Subscribed and sworn to me on this 13th day of June, 1977

Mary Lou Taylor
Mary Lou Taylor, Notary