

33-13S-15W

PT

EMPHASIS OIL OPERATIONS
P. O. Box 506
Russell, Kansas 67665

State Geological Survey
WICHITA BRANCH

DRILLERS LOG

OPERATOR: H & H Production, Inc.
Wendell Acres
Russell, Kansas 67665

CONTRACTOR: Emphasis Oil Operations
P. O. Box 506
Russell, Kansas 67665

LEASE: Aley B

WELL: #1

LOCATION: SW SE NW
Section 33-13S-15W
Russell County, Kansas

Total Depth: 3340'

Elevation: 1901' K.B.

Commenced: 4-18-77

Completed: 4-26-77

Casing: 8-5/8" @ 310'
5-1/2" @ 3339

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Sand & Shale	270	Shale	1728
Shale & Sand	381	Lime	1952
Shale & Shells - Sand	937	Lime & Shale	3087
Anhydrite	980	Lime (R.T.D.)	3340

STATE OF KANSAS)
COUNTY OF RUSSELL) SS

I, Joe K. Branum, of Emphasis Oil Operations, state that the above and foregoing is a true and correct log of the above captioned location.