

— PZ 35-12-14W

EMPHASIS OIL OPERATIONS

P. O. Box 506
Russell, Kansas 67665

State Geological Survey
WICHITA BRANCH

DRILLERS LOG

OPERATOR: H & H Production, Inc.
Box 348
Russell, KS 67665

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Murphy

WELL: #1 (3')

LOCATION: SE NE NW
Section 35-13S-14W
Russell County, Kansas

Total Depth: 3272'

Elevation: 1823' K.B.

Commenced: 12-12-77

Completed: 12-20-77

Casing: 8-5/8" @ 248'
5-1/2" @ 3270'

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Shale & Post Rock	287	Lime & Shale	3110
Shale & Sand	615	Lime	3175
Shale & Lime	2118	Lime & Shale	3226
Lime & Shale	2230	Lime (R.T.D.)	3272
Shale & Lime	2617		

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 well.