State Geological Survey
WICHITA BRANCH

34-9-22W

COPY

JUL 7 1981

15-065-21431

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

DRILLERS LOG

OPERATOR: Sandlin Oil Corporation
2300 Security Life Building
Denver, Colorado 80202

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

LEASE: Williams WELL: #1

LOCATION: NE SE NW
Section 34-9S-22W
Graham County, Kansas

Total Depth: 3992'

Elevation:

Commenced: 6-22-81

Completed: 6-30-81

Casing: 8-5/8" @ 264' with 170 sks cement
4-1/2" @ 3385' with 150 sks cement

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Topsoil & Sand	30'	Shale	1856'
Sand & Shale	269'	Anhydrite	1895'
Shale	1073'	Shale	3522'
Sand & Shale	1781'	Shale & Lime (R.T.D.)	3992'

STATE OF KANSAS)
) ss:
COUNTY OF RUSSELL)

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.