

15-065-21490-00-00

EMPHASIS OIL OPERATIONS

P. O. Box 506

Russell, Kansas 67665

DRILLERS LOG

OPERATOR: Yost Oil Operations
P. O. Box 811
Russell, Kansas 67665

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

LEASE: Worcester D-16 WELL: #1

LOCATION: C W/2 NW SW
Section 16-7S-22W
Graham County, Kansas

Total Depth: 3880'

Elevation:

Commenced: 9-28-81

Completed: 10-7-81

Casing: 8-5/8" @ 287' with 180 sks cement
5-1/2" @ 3877' with 125 sks cement

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Top soil & sand	30'	Shale	2999'
Sand	287'	Lime & shale	3120'
Sand & shale	1967'	Shale	3571'
Anhydrite	1998'	Lime (R.T.D.)	3880'

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.

Joe K. Branum
Joe K. Branum

Subscribed and sworn to before me this 9th day of October, 1981.

My Commission Expires: April 29, 1984.

NOTARY PUBLIC
JOYCE ANN RIDGLEY
Russell County, Kansas
My Appt. Exp. 4-29-84

Joyce Ann Ridgley
Notary Public

RECEIVED
STATE COMMISSION
NOV 22 1991
NOV 22 1991