

EMPHASIS OIL OPERATIONS

P. O. Box 506

Russell, Kansas 67665

DRILLERS LOG

OPERATOR: Rupe Oil Company, Inc.
Box 2273
Wichita, KS 67201

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Dunekack

WELL: #1

LOCATION: C SW SW
Section 15-19S-14W
Barton County, Kansas

Total Depth: 3550'

Elevation:

Commenced: 10-14-78

Completed: 10-24-78

Casing: 8-5/8" @ 800'
4-1/2" @ 3544'

Status: Oil Well

DEPTHS & FORMATIONS

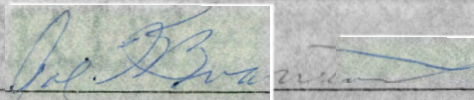
(All measurements from K.B.)

Shale & Sand	530	Lime & Shale	2540
Shale	799	Shale & Lime	2955
Anhydrite	832	Lime & Shale	3085
Sand & Shale	1015	Shale & Lime	3224
Shale	1501	Lime & Shale	3515
Shale & Lime	2171	Lime (R.T.D.)	3550

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.

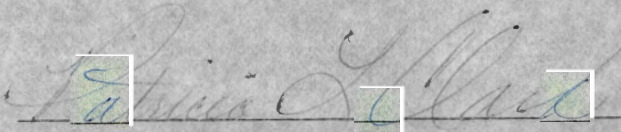


Joe K. Branum

Subscribed and sworn to before me this 26th day of October, 1978.

My Commission Expires: October 2, 1979.





Notary Public

mailed copy 11/6/78