

14-14-12W

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

DRILLERS LOG

OPERATOR: M.V.R.C. Oil Operations  
132 Cindy Drive  
Russell, KS 67665

CONTRACTOR: Emphasis Oil Operations  
Box 506  
Russell, KS 67665

LEASE: Walter

WELL: #1

LOCATION: 100' E. of SW SW SW  
Section 14-14S-12W  
Russell County, KS

ROTARY TOTAL DEPTH: 3215'

ELEVATION: 1737' K.B.

COMMENCED: 11/16/84

COMPLETED: 11/22/84

CASING: 8-5/8" @ 261' w/175 sks cement  
5-1/2" @ 3211' w/150 sks cement

STATUS: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Top soil & sand	30'	Shale & shells	1743'
Shale	264'	Shale	2628'
Sand & shale	604'	Shale & lime	2915'
Anhydrite	638'	Lime & shale (R.T.D.)	3215'
Sand & shale	803'		

STATE OF KANSAS )  
COUNTY OF RUSSELL) ss

Joe K. Branum, of Emphasis Oil Operations, states that the above and foregoing is a true and correct log of the above captioned well, to the best of his knowledge.

Joe K. Branum  
Joe K. Branum

Subscribed and sworn to before me this 23rd day of November, 1984.

RECEIVED  
STATE CORPORATION COMMISSION