

EMPHASIS OIL OPERATIONS  
P. O. Box 506  
Russell, Kansas 67665-0506

23-13-15W Ind

DRILLERS LOG

OPERATOR: Jolly 'J', Inc.  
7th & Main  
Russell, Kansas 67665

CONTRACTOR: Emphasis Oil Operations  
P. O. Box 506  
Russell, Kansas 67665-0506

LEASE: Dockendorpf WELL: #1

LOCATION: NE SE SW  
Section 23-13S-15W  
Russell County, Kansas

Total Depth: 3322'

Elevation: 1872' K.B.

Commenced: 3-9-83

Completed: 3-17-83

Casing: 8-5/8" @ 250' with 150 sks cement  
5-1/2" @ 3319' with 125 sks cement

Status: Oil Well

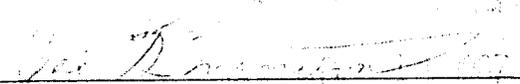
DEPTHS & FORMATIONS

(All measurements from K.B.)

Topsoil & Postrock	40'	Anhydrite	972'
Sand, Shale & Clay	253	Shale	1340'
Shale & Iron Pyrite	420	Shale & Lime	2887'
Sand & Shale	941	Lime (R.T.D.)	3322'

STATE OF KANSAS )  
                  ) ss:  
COUNTY OF RUSSELL)

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