

EMPHASIS OIL OPERATIONS

P. O. Box 506  
Russell, Kansas 67665-0506

DRILLERS LOG

OPERATOR: Columbia Petroleum, Inc.  
Suite 8, Parkade Plaza  
Columbia, MO 65201

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

LEASE: Kriley 'F' WELL: #5

LOCATION: 100' S & 50' W of NE SE NW  
Section 20-7S-17W  
Rooks County, Kansas

Total Depth: 3330'

Elevation: 1765' K.B.

Commenced: 4-30-83

Date Completed: 5-6-83

Casing: 8-5/8" @ 1150' with 425 sks cement  
5-1/2" @ 3326' with 175 sks cement

Status: Oil Well

DEPTHS & FORMATIONS

(All measurements from K.B.)

Top Soil & Sand	25'	Sand & Shale	2940'
Sand & Shale	1137'	Lime (R.T.D.)	3330'
Anhydrite	1169'		

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

Subscribed and sworn to before me this 10th day of May, 1983.

My Commission Expires: February 6, 1984.



  
Notary Public