

COPY

4-15-13W

EMPHASIS OIL OPERATIONS

P. O. BOX 506  
RUSSELL, KS 67665

DRILLERS LOG

OPERATOR: Bennett & Schulte Oil Company  
P. O. Box 329  
Russell, KS 67665

CONTRACTOR: Emphasis Oil Operations  
Box 506  
Russell, KS 67665

LEASE: Rogg

WELL #5

LOCATION: NW SE NE  
Section 4-15S-13W  
Russell County, Kansas

LOGGERS TOTAL DEPTH: 3273'

ROTARY TOTAL DEPTH: 3271'

ELEVATION: 1795' K.B.

COMMENCED: 4-9-91

COMPLETED: 4-16-91

CASING: 8-5/8" @ 238' w/150 sks cement  
5-1/2" @ 3229' w/150 sks cement

STATUS: Oil Well

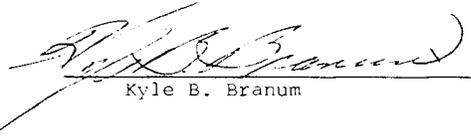
DEPTHS & FORMATIONS

(All measurements from K.B.)

Anhydrite	749'	Lansing-Kansas City	2962'
Red Bed	782'	Base Kansas City	3231'
Topeka	2661'	Conglomerate	3254'
Heebner	2895'	R.T.D.	3271'
Toronto	2913'		

STATE OF KANSAS )  
                  ) ss  
COUNTY OF RUSSELL)

Kyle B. 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.

  
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Kyle B. Branum

Subscribed and sworn to before me on April 17, 1991.

My commission expires: February 6, 1992.

GLENDIA R. TIFFIN  
NOTARY PUBLIC  
STATE OF KANSAS  
COMMISSION EXPIRES 2-6-92

  
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Glendia R. Tiffin, Notary Public

AUG 14 1991