

P1
16-16-13W

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

DRILLERS LOG

OPERATOR: BHP Petroleum (Americas), Inc.
925 Patton Road
Great Bend, KS 67530

CONTRACTOR: Emphasis Oil Operations
Box 506
Russell, KS 67665

LEASE: Deutsch "A"

WELL #1 ✓

LOCATION: SW NE NE
Section 16-16S-13W
Barton County, Kansas

Rotary Total Depth: 3375'

Commenced: 9/16/85

Casing: 8-5/8" @ 426' w/175 sks cement
5-1/2" @ 3372' w/150 sks cement

Elevation: 1923' K.B.

Completed: 9/24/85

Status: Oil Well

NOV 12 1985
State Geological Survey
WICHITA BRANCH

DEPTHS & FORMATIONS

(All measurements from K.B.)

Post rock & Sand	60'	Shale	857'
Shale w/sand	300'	Anhydrite	887'
Redbed	427'	Shale	2840'
Sand & Clay	698'	Shale & Lime (R.T.D.)	3375'

STATE OF KANSAS)
COUNTY OF RUSSELL) ss

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.