Kyle B. Branum (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) Kyle B. Branum

(Address) P. O. Box 506, Russell, KS 67665-0506

SUBSCRIBED AND SWORN TO before me this 22nd day of December ,19 86

Glenda R. Tiffin, Notary Public

My Gommission Expires: February 6, 1988 GLENDA R. TIFFIN NOTARY PUBLIC STATE OF KANSAS MY APPT. EXPIRES 2-6-88

STATE CORPORATION COMMISSION

DEC 23 1986

Form CP-4 Revised 08-84

## EMPHASIS OIL OPERATIONS

P. O. Box 506

Russell, KS 67665

## DRILLERS LOG

OPERATOR: Black Diamond Oil, Inc.

1105 E. 30th, Suite A

Hays, KS 67601

CONTRACTOR: Emphasi

Emphasis Oil Operations

Box 506

Russell, KS 67665

LEASE: Allphin

WELL #1

LOCATION: SE SE NE

Section 30-10S-20W Rooks County, Kansas

Log Total Depth: 3738'

Rotary Total Depth: 3740'

Commenced: 12/11/86

Elevation: 2155' K.B.

Completed: 12/18/86

Casing: 8-5/8" @ 218' w/150 sks cement

Status: Dry Hole

## DEPTHS & FORMATIONS

(All measurements from K.B.)

Top soil & Sand	30'	Shale		1588'
Shale	220'	Anhyydrite		1631'
Shale & Sand	740'	Shale		2313'
Dakota Sand	850'	Shale & Lime		3321'
Shale	1040'	Lime	(R.T.D.)	3740 <b>'</b>
Cedar Hills	1260'			

STATE CORPORATION COMMISSION

STATE OF KANSAS )
COUNTY OF RUSSELL)

SS

CONSERVATION DIVISION Wichita, Kansas

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.

Kyle B. Branum

Subscribed and sworn to before me this 22nd of December, 1986.

My Commission Expires: July 29, 1989.

PATRICIA L. SCHAWO
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 7/29/89

Patricia L. Schawo, Notary Public