

3-33-18W
C NW SE

DRILLER'S LOG

Operator: Imperial Oil Company
Lease Name: Todd #1-3
Spot Location: C NW SE
Sec. 3-33S-18W
County, State: Comanche County, Kansas

Commenced: 09-23-80
Completed: 10-05-80

Surface Casing: Ran 13 joints of 8 5/8" set at
575' K.B. Cemented w/325 sacks Light, 3% cc.
Followed w/175 sacks Common, 3% cc. Cement did
circulate.

FORMATION

DEPTH

<u>Red Bed</u>	<u>0 - 235</u>
<u>Shale</u>	<u>235 - 750</u>
<u>Shale & Shells</u>	<u>750 - 1198</u>
<u>Shale</u>	<u>1198 - 1545</u>
<u>Shale & Shells</u>	<u>1545 - 1965</u>
<u>Shale & Lime</u>	<u>1965 - 3714</u>
<u>Lime & Shale</u>	<u>3714 - 4125</u>
<u>Shale & Lime</u>	<u>4125 - 4607</u>
<u>Lime</u>	<u>4607 - 4780</u>
<u>Lime & Shale</u>	<u>4780 - 4930</u>
<u>Lime</u>	<u>4930 - 5749</u>
	<u>TD - 5749</u>

I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

EAGLE DRILLING, INC.

Robert L. Eisel
Robert L. Eisel
Vice-President

STATE OF KANSAS)
COUNTY OF SEDGWICK) ss:

Subscribed and sworn to before me this 9th day of October, 1980.

My appointment expires: Appt. Expires 08-13-83

August 13, 1983

Notary Public

Sharon M. Lewis
Sharon M. Lewis