

3-33-1800
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

Red Bed
Shale
Shale & Shells
Shale
Shale & Shells
Shale & Lime
Lime & Shale
Shale & Lime
Lime
Lime & Shale
Lime

0	-	235
235	-	750
750	-	1198
1198	-	1545
1545	-	1965
1965	-	3714
3714	-	4125
4125	-	4607
4607	-	4780
4780	-	4930
4930	-	5749
TD	-	5749

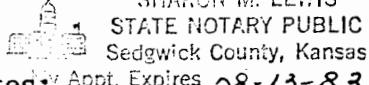
I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

EAGLE DRILLING, INC.

Robert L. Eisel
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 28-13-83

August 13, 1983

Notary Public

Sharon M. Lewis