

DRILLERS' LOG

API # 15-077-20, 234



16-34-6W

CARDINAL PETROLEUM COMPANY
No. 1 Eastham
SE SE NE, Sec. 16-34S-6W
Harper County, Kansas

Elevation: 1282 K.B.

Commenced: 12-18-73
Completed: 1-6-74

Surface Casing: 207.44' of
8-5/8" cemented w/150 sx
cement, 3 1/2 cc. 12-19-73

FORMATION

DEPTH

Surface Hole	0 - 213	LOG TOPS
Shale	213 - 910	HEEB 3200
Shale & Lime	910 - 1225	IAT 3562
Lime & Shale	1225 - 3435	KC 3857
Shale & Lime	3435 - 3561	CHER 4311
Sand	3561 - 3590	MISS 4515
Sand, Lime & Shale	3590 - 3729	KH 4929
Lime & Shale	3729 - 3854	VIOLA 5010
Lime	3854 - 4444	SP SDY DOL 5020
Lime & Shale	4444 - 4492	SIM SD 5032
Shale	4492 - 4515	LTD 5087
Lime	4515 - 4899	RTD 5055
Shale & Lime	4899 - 4945	
Shale	4945 - 4978	
Lime	4978 - 5039	
Sand	5039 - 5055 T.D.	

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

DNB DRILLING, INC.

James L. Donelson
JAMES L. DONELSON



STATE OF KANSAS: ss:

Subscribed and sworn to before me, the undersigned, a Notary Public in and for said state, this 15th day of January, 1974.

My Commission Expires:
August 25, 1976

Ella Priess
Ella Priess Notary Public