DRILLER'S LOG

State Geological Survey
WICHITA BRANCH
SEP

21-31-1E

Vincent Oil Corporation
Gifford No. 2
Cen. E/2 E/2 SE/4
Sec. 21-T31S-R1E
Sumner County, Kansas

Commenced: 9-16-81
Completed: 9-24-81

Surface Casing: 409' of 8-5/8" casing
Cemented w/ 250 sx., 3% CC, 2% gel

Formation	Depth	
Surface Hole	0 - 412	
Shale & Lime	412 - 1940	
Lime & Shale	1940 - 2115	
Shale & Lime	2115 - 2506	
Iatan	2506 - 2510	
Stalnaker	2510 - 2640	
Shale	2640 - 2657	
Shale & Lime	2657 - 2876	
Kansas City Lime	2876 - 3076	
Lime & Shale	3076 - 3498	
Mississippi	3498 - 3580	T. D.

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

R. R. A., Inc.

R. R. Abderhalden

By: R. R. Abderhalden

STATE OF KANSAS: ss:

Subscribed and sworn to before me this 24th day of September 1981.

ADA C. MAY
STATE OF KANSAS
My Appt. Exp. 12-16-83

Ada C. May
Notary Public Ada C. May

RECEIVED
STATE CORPORATION COMMISSION
SEP 29 1981
CONSERVATION DIVISION
Wichita, Kansas