22-16-21W

DRILLER'S LOG

COMPANY:	WALTERS DRILLING CO. & O. A. SUTTON 400 INSURANCE BUILDING WICHITA, KANSAS 67202
WELL NAME:	RYAN #2 C NE SE SEC. 22-16S-21W NESS COUNTY, KANSAS
CONTRACTOR:	WALTERS DRILLING CO. 400 INSURANCE BUILDING WICHITA, KANSAS 67202
ROTARY DRILLING COMMENCED:	DECEMBER 14, 1968
ROTARY DRILLING COMPLETED:	DECEMBER 23, 1968
ELEVATION:	2285 KB
CASING RECORD:	8 5/8" @ 215' w/ 140 sx. cement

RECEIVED
STATE CORPORATION COMMISSION
DEC 30 1968
CONSERVATION DIVISION
Wichita, Kansas

LOG

0 - 315	Shale
315 - 875	Shale
875 - 900	Blaine
900 - 950	Shale
950 - 1050	Shale and Shells
1050 - 1240	Sand and Shale
1240 - 1440	Shale and Lime
1440 - 1565	Lime and Shale
1565 - 1600	Anhydrite
1600 - 1790	Shale
1790 - 2366	Shale and Lime
2366 - 2950	Lime
2950 - 3075	Lime and Shale
3075 - 3265	Shale and Lime
3265 - 3390	Lime and Shale
3390 - 3480	Shale
3480 - 3590	Shale and Lime
3590 - 4122	Lime
4122 - 4154	Shale
4154 - 4171	Core
4171	Rotary Total Depth

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

The undersigned, Robert F. Walters, hereby certifies, in behalf of said company that the above log is a true and correct log of the formations encountered in drilling the above well as reflected by the Daily Drilling Reports.

WALTERS DRILLING CO.

By Robert F. Walters
ROBERT F. WALTERS, Partner

Subscribed and sworn to before me this 30th day of December, 1968.

Juanita M. Green, Notary Public

My Commission Expires: October 4, 1971