

DRILLER'S LOG

COMPANY: E. K. Edmiston
 425 First National Bank Building
 Wichita, Kansas 67202

ROTARY DRILLING COMMENCED: May 29, 1967

ROTARY DRILLING COMPLETED: June 3, 1967

WELL NAME: BERTHOLF No. 1

LOCATION: C NW NW Sec. 12-30S-10W,
 Kingman County, Kansas

CONTRACTOR: E. K. Edmiston Drilling Co., Inc.,
 425 First National Bank Building,
 Wichita, Kansas 67202

CASING RECORD: Set 239' of 8-5/8" surface pipe
 with 200 sacks Posmix Sunset;
 Ran 2 1/2" EUE Tubing at 2615' with
 150 sacks Posmix

L O G

Measurements from top of Kelly Bushing

Sandy Clay	0 -	25
Sand		100
Shale and Red Clay		239
Shale		1270
Shale and Shells		1575
Lime and Shale		1700
Lime		2235
Lime and Shale		2430
Shale, Shells and Sand		2535
Lime and Shale		2615 R.T.D.

The undersigned, E. K. Edmiston, President of E. K. Edmiston Drilling Co., Inc., hereby certifies on 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.

E. K. EDMISTON DRILLING CO., INC.

By: *E. K. Edmiston*
 E. K. Edmiston, President

STATE OF KANSAS)
) SS:
 COUNTY OF SEDGWICK)

BE IT REMEMBERED that on this 6th day of June, 1967, before me, the undersigned, a Notary Public within and for the County and State aforesaid, came E. K. Edmiston, known to me to be the same person who executed the foregoing instrument as President and on behalf of the E. K. Edmiston Drilling Co., Inc., and he duly acknowledged the execution of the same for himself and for said company.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal on the day and year last above written.

RECEIVED
 STATE CORPORATION COMMISSION
 JUL 23 1982
 CONSERVATION DIVISION
 Wichita, Kansas

Marilyn E. Fox
 Marilyn E. Fox, Notary Public

Commission Expires:
 November 9, 1969