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33-11-22W

June 18, 1981

State Geological Survey
WICHITA BRANCH

CONTRACTOR'S WELL LOG

OPERATOR: Foxfire Exploration and Rupe Oil Company, Inc.
CONTRACTOR: KANDRILCO, Ltd.
WELL NAME: #4 Flagler
LOCATION: C N2 NE NW Sec. 33-T11S-R22W Trego County
API NO.: 15-195-20, 819
COMMENCED: June 5, 1981
COMPLETED: June 13, 1981

Drilled 340' of 12 1/4" hole. Set 316' of new 8 5/8" 20# casing with 210 sacks of common cement, 2% gel - 3% CaCl. Cement did circulate to surface. Plug was down at 6:00 a.m., June 6, 1981.

FORMATION	TOP'	BOTTOM'
Sand, shale and clay	0	340
Shale and Shale	340	860
Shale	860	1333
Sand and Shale	1333	1823
Anhydrite	1823	1867
Shale	1867	2352
Shale and Lime	2352	2855
Shale	2855	3515
Shale and Lime	3515	3630
Lime	3630	3897
Lime and Shale	3897	4075

RTD 4075'. Drilled 7 7/8" hole from 340' to 4075'. Set 4073.75' (108 jts.) of new 4 1/2" 10.5# production casing with 200 sacks common cement. Cl.A, 2% gel. Plug was down to 4064' at 10:45 a.m., June 13, 1981.

STATE OF KANSAS, COUNTY OF SEDGWICK, SS:

I, C. K. Morrison, President, KANDRILCO, Ltd., do hereby state that the above is a true and correct copy of the Driller's Log for the #4 Flagler, located in Trego County, Kansas.

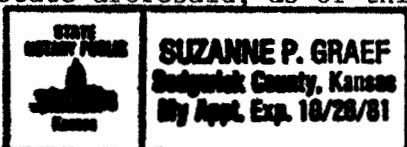
RECEIVED
STATE CORPORATION COMMISSION KANDRILCO, Ltd.

JUN 19 1981

CONSERVATION DIVISION
Wichita, Kansas

C. K. Morrison
C. K. Morrison, President

Subscribed and sworn to before me, a Notary Public, in and for the County and State aforesaid, as of this 18th day of June, 1981.



Suzanne P. Graef
Suzanne P. Graef - Notary Public

My Commission expires: October 26, 1981