36-31-12W

State Geological Survey
WICHITA BRANCH

ROTARY DRILLERS' LOG

OPERATOR: Falcon Exploration, Inc.
1531 Vickers-KSB&T Bldg.
Wichita, Kansas 67202

DRILLING COMMENCED: September 29, 1981

CONTRACTOR: Graves Drilling Co., Inc.
910 Union Center
Wichita, Kansas 67202

DRILLING COMPLETED: October 6, 1981

CASING RECORD: 5 Jts. 204' of new 8-5/8" cemented with 200 sacks.

115 Jts. 4448' of new 4½" cemented with 125 sacks.

LOCATION: Hoagland No. 1
NE NW NE
Section 36-31S-12W
Barber County, Kansas

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0 -	40	Red bed & sand
40 -	930	Red bed
930 -	1733	Red rock & shale
1733 -	1946	Shale
1946 -	3625	Shale & lime
3625 -	3710	Sand & shale
3710 -	4450	Shale & lime
	4450	Rotary Total Depth

I hereby certify the foregoing statements to be true and correct to the best of my knowledge.

Copy sent to:
State Corporation Commission
Kansas Geological Society
Kansas Geological Survey

GRAVES DRILLING CO., INC.

By _____
Secretary-Treasurer

STATE OF KANSAS)
) ss.
SEDGWICK COUNTY)

Subscribed and sworn to before me, a Notary Public, this 21st day of October, 1981.

_____
Rebecca L. Matthews Notary Public

My commission expires: May 17, 1983