

ROTARY DRILLERS' LOG

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

CONTRACTOR: Graves Drilling Co., Inc.
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Wichita, Kansas 67202

CASING RECORD: 5 Jts. 208' of used 8-5/8"
cemented with 225 sacks;
142 Jts. 4470' of new 4-1/2"
cemented with 75 sacks

DRILLING COMMENCED: 20 Sept. 1976

DRILLING COMPLETED: 27 Sept. 1976

LOCATION: Thomas-Forsyth No. 7
C NE SE
Section 29-32S-12W
Barber County, Kansas

0 - 208 Red bed
208 - 1855 Shale
1855 - 2260 Shale & shells
2260 - 3025 Shale
3025 - 3600 Shale & lime
3600 - 3890 Lime & shale
3890 - 4015 Shale & lime
4015 - 4297 Lime & shale
4297 - 4472 Lime
4472 Rotary Total Depth

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

GRAVES DRILLING CO., INC.

By

John Graves

STATE OF KANSAS)

SEDGWICK COUNTY)

SS:

Subscribed and sworn to before me, a Notary Public, this 11th day of October, 1976

Notary Public