

ROTARY DRILLERS' LOG

OPERATOR: E. H. Wood, Jr. DRILLING COMMENCED: November 15, 1975
305 Farmers & Bankers Bldg.
Wichita, Kansas 67202

CONTRACTOR: Graves Drilling Co., Inc. DRILLING COMPLETED: November 24, 1975
910 Union Center
Wichita, Kansas 67202

CASING RECORD: Ran 6 Jts 254' of 8 5/8" LOCATION: Ash No. 1
cemented with 225 sacks C NE NE
Section 33-32S-12W
Barber County, Kansas

0 - 254	Red Bed
254 - 295	Shale
295 - 1735	Shale & shell
1735 - 2120	Shale & lime
2120 - 2292	Lime with shale streaks
2292 - 3185	Lime & shale
3185 - 3345	Lime shale & chert sand
3345 - 3515	Shale & lime
3515 - 3895	Lime shale, chert & sand
3895 - 4200	Lime & shale
4200 - 4285	Lime, shale & chert
4285 - 4359	Lime
4359 - 4400	Shale & lime
4400 - 4476	Lime, chert & shale
4476 - 4478	Lime
4478 - 4492	Chert
4492	Rotary Tool Depth



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

GRAVES DRILLING CO., INC.