



TEST
DRILLING
SERVICE
COMPANY

DRILLING LOG

6005 N. Lindbergh Blvd.
Hazelwood, Mo. 63042
314-731-2121

LOG OF HOLE NO. #80

PROJECT CITY OF OELWEIN, IOWA

BORING LOCATION 6th Street SW & 3rd Avenue SW

JOB NO. 81-054

SURFACE EL. 1025.5'

DATE: (START) 5-29-81 (FINISH)

RIG: #777

INSPECTOR: D.G.T.

DEPTH		CLASSIFICATION	DATE	TIME	CORE RUN		TOTAL RUN	RECOVERY	
FROM	TO				FROM	TO		TOTAL	%
0.0	17.0	SAND & CLAY, Brown, Damp							
17.0	80.0	LIMESTONE, Brown, Sandy Texture, Highly Oxidized and Fractured, 150 gpm Water Yield							
80.0	160.0	LIMESTONE, Light Gray, Finely Crystalline, Moderate to Weak Oxidation							
160.0	275.0	SHALE, Greenish Gray, Soft with Possible Caveing Zones							
275.0	355.0	LIMESTONE, Gray, Finely to Medium Crystalline, Weak Oxidation							
355.0	425.0	LIMESTONE, Dark Gray, Aphanitic to Fine Grained, Weak Oxidation, Shale in Upper Part, Medium Soft, Smooth Drilling							
425.0	655.0	LIMESTONE, Gray, Finely Crystalline, Weak Oxidation, Hard, Smooth Drilling							

REMARKS: Set 23' of 30"Ø Surface Casing with Pier Rig and Cemented in Place
with 75 Sacks.

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[illegible]

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DEPTH		CLASSIFICATION	DATE	TIME	CORE RUN		TOTAL RUN	RECOVERY	
FROM	TO				FROM	TO		TOTAL	%
655.0	730.0	LIMESTONE with Numerous Shale Beds, Greenish Gray, Weak Oxidation, Medium Hard. Smooth Drilling							
730.0	790.0	SANDSTONE, Very Light Gray to White, Fine Grained, Soft Drilling							
790.0	876.0	DOLOMITE, Light Gray, Finely Crystalline, Abundant Chert and Sand, Trace Green Shale							
876.0	879.0	CLAY & SOLUTION ROCK, Reddish Brown, Abundant Water, Reddish Brown Color							
879.0	1160.0	DOLOMITE with Chert & Sand Lenses, Light Gray to Light Brownish Gray, Medium Crystalline, Abundant Water							
1160.0	1175.0	SANDSTONE, SANDY DOLOMITE & GREEN GRAY SHALE, Medium Crystalline, Weak Oxidation, Abundant Water							

REMARKS: