











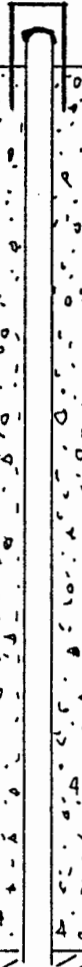
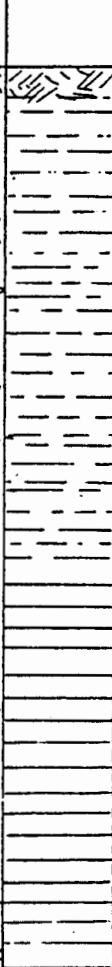


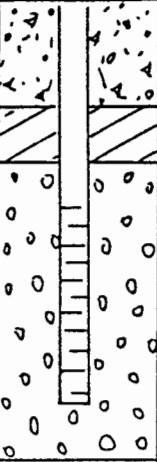
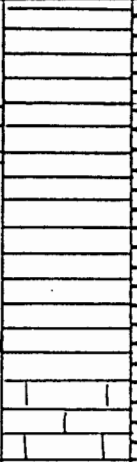
TEST HOLE NUMBER 7BJob Potwin Terminal, Kansas Location West of Terminal on Al Streak's LandDate 2/24/86 Logged By C. BartlettDrilling Company Jim Winnek, Inc. Driller Bob Masten Rig Air RotaryHole Size 4-3/4" Pilot, 7-7/8" Casing Details 4" threaded flush jointPVC (Triloc) 10 ft 20 slot screen 55 ft blankG. L. Elev. 1328.01 M. P. 2.5 Elev. M. P. 1330.51

LEGEND: 8-12 gravel pack

Topsoil		Sand		Limestone	
Clay		Bentonite		Native Fill	
Shale		Cement Grout		PVC Casing	
Silt		Gravel Pack		PVC Screen	

Casing	Log	Description	Remarks
		0 Topsoil, brown Clay, red	
	5		
	10	Clay, silty, red	
	15		
	20	Clay, black	
	25	Shale, green, hard, moisture	Odor - HNU 20 ppm
	30		
	35		
	40	Shale, red	

Test Hole Number 7B

Casing	Log	Description	Remarks
		<div>45 Shale, red</div> <div>50 Shale, yellow, green</div> <div>55 Shale, gray</div> <div>60 Limestone, gray with calcite veins and fractures, some brown chert, water</div>	