

**TEST WELL REPORT**

City and State      Hawarden, Iowa

Date                      2-17-77

Contract      City of Hawarden

Driller      Jim Rentschler

Test No.              77-3

Helpers      Dennis Kimpton

Static Water Level      18'

**Test Log**

0 - 5      Brown Clay  
 5 - 20      Coarse Sand and Fine Sand and Gravel  
 20 - 25      Coarse Sand  
 25 - 33      Coarse Gravel and Boulders  
 33 - 40      Black Shale

Size Mud Pit—Length      15'      , Width      5'      , Depth      2'

**WATER BEARING FORMATION DATA**

Depth	Mud Viscosity	Inches Mud Taken from Pit	Drilling Time
5 to 20	35 sec.	8"	
20 to 25	"	6"	
25 to 33	37 sec.	8"	
to			
to			
to			
to			

**LOCATION:**      SW area of town in city park, lot 13, block 2, between A & B street  
 (220' N of 7th Street, 20; west of alley).

**REMARKS:**      Might make 250 GPM