



**IOWA DEPARTMENT OF NATURAL RESOURCES**  
**WATER SUPPLY ENGINEERING SECTION**  
**CONSTRUCTION PERMIT APPLICATION**  
 SCHEDULE-5a, Well Construction

Date Prepared  _____	Project Name/Description
Date Revised  _____	

1. Well Number: \_\_\_\_\_

2. Casing Pipe and Well Screen Materials:

Casing Material (Designate Alternates)	ASTM or API Standard	Weight/ft. (lbs)	Thickness (inches)	Outside Diameter (inches)	Length (feet)

Screen Material (Designate Alternates)	Type of Screen	Size Screen Opening	Total Screen Open Area (sq. inches)	Outside Diameter (inches)	Length (feet)

3. For the following, list the page of the plans or specifications where the description can be found.

Construction Details	Plan or Spec. Page No.
Protection of Well During Construction	
Casing Welds	
Casing Centralizers and Spacers	
Gravel Pack	
Radial Collectors	
Packers	
Grouting	
Plumbness & Alignment Test (Wells over 100')	
Well Development	
Yield Drawdown Tests	
Observation Wells	
Water Quality Analysis	
Disinfection	
Abandonment of Well	
Geological Samples (chip samples)	
Well Construction Log	

4. Method of drilling, if specified: \_\_\_\_\_

Note 1: Geological samples (chip samples) must be sent to the Iowa Geological Survey.

Note 2: Well construction log and pumping test results must be sent to the Iowa DNR, Water Supply Engineering. Water Quality analytical results will be sent directly by the certified laboratory to Iowa DNR, Water Supply Operations.