

**Video Observations:**

- Screen slots observed at approximately 15 feet below top of casing
- Total depth with camera 24.3 feet below top of casing



Well No. WS-14 Installation: Above Ground Completion  
 Project No. Client/Project: Westinghouse Electric Company Site: Hematite Facility  
 Contractor: Unknown Drill Contractor: Unknown  
 Start Date: Unknown End Date: Unknown Elevation (Top of Pad): ft amsl 433.69  
 Coordinates: N 864942.682  
 E 827678.920

1.85'

Depth

**Protective Casing**

Material Type: Aluminum  
 Diameter: 4 inch square  
 Weep Hole? ( Y / N ): Yes  
 Guard Posts ( Y / N ): No

**Surface Pad**

Composition and Size: 12 in. round Concrete

**Surface Casing**

Type: Unknown

**Riser Pipe**

Type: SCH 40 PVC  
 Diameter: 2 inch  
 Total Depth (Ground surface to TOS): 13.1'

**Annular Seal**

Type: Unknown  
 Interval BGS: Unknown

**Bentonite Seal**

Type: Unknown  
 Interval BGS: Unknown

**Primary Filter Pack**

Type: Unknown  
 Amt. Used: Unknown

**Screen**

Type: SCH 40 PVC  
 Diameter: 2 in.  
 Length: 10 ft  
 Slot Size and Type: 0.010 slotted  
 Interval BGS: 13.1' – 23.1'

13.1'

23.1'

Unknown

NOT TO SCALE

Note: All depths inferred from video logging observations

WESTINGHOUSE ELECTRIC COMPANY  
 HEMATITE FACILITY  
 HEMATITE, MISSOURI



# Westinghouse Electric Company Hematite Facility

## Well Inspection Report



<b>Well Number:</b> WS-15	<b>Date Installed:</b> Unknown	<b>Project Number:</b> SAHEM00136
<b>Coordinates (MO State Plane NAD83):</b> <b>    Northing/Easting</b>		<b>Elevation (TOC):</b>
N 865099.807	E 827623.158	432.70
<b>Total Depth</b> <b>(feet BTOC):</b> 26.38	<b>Riser Height</b> <b>(feet above pad):</b> 2.01	<b>Water Level</b> <b>(feet BTOC):</b> 17.14
<b>Well Construction</b> <b>Material:</b> PVC	<b>Well Casing</b> <b>Diameter (inches):</b> 2	<b>Screen Length</b> <b>(feet):</b> 10.0
<b>Hydrostratigraphic</b> <b>Zone:</b> Unconsolidated	<b>Inspected By:</b> R. Tubbs	<b>Date Inspected:</b> 8/18/2004

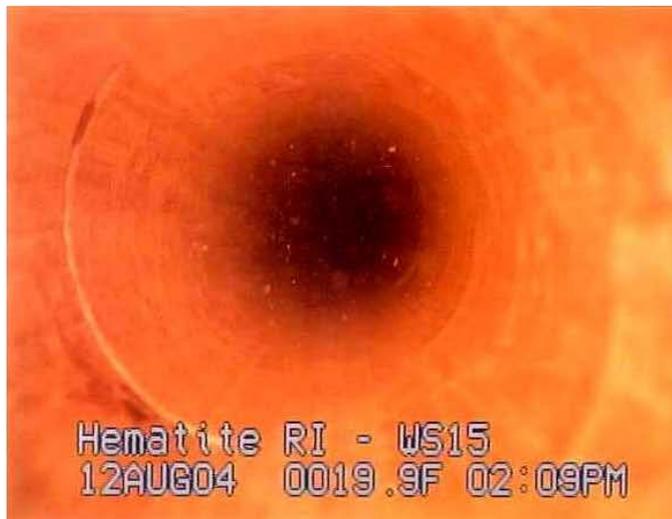
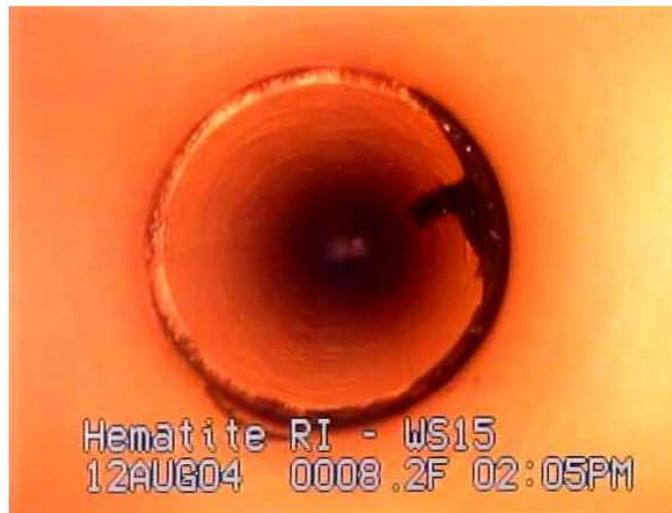
### Visual Observations:

- Well condition noted as good
- Protective outer casing constructed of 4 inch square aluminum
- Well pad construction – 12 inch round concrete
- No guard posts in place
- Water-tight cap in place with dedicated bailer
- Well needs relabeling
- During redevelopment, well produced brown water
- Rehabilitation with mud dispersant recommended to remove additional fines accumulated around filter pack



### Video Observations:

- Screen slots observed at approximately 16 feet below top of casing
- Total depth with camera 26.2 feet
- Glue from slip joint connection was identified at approximately 8.5 feet below top of casing
- Very little sediment present in bottom of well





Well No. WS-15 Installation: Above Ground Completion  
 Project No. Client/Project: Westinghouse Electric Company Site: Hematite Facility  
 Contractor: Unknown Drill Contractor: Unknown  
 Start Date: Unknown End Date: Unknown Elevation (Top of Pad): ft amsl 430.69  
 Coordinates: N 865099.807  
 E 827623.158

2.0'  
  
  
  
  
Depth

**Protective Casing**

Material Type: Aluminum  
 Diameter: 4 inch square  
 Weep Hole? ( Y / N ): Yes  
 Guard Posts ( Y / N ): No

**Surface Pad**

Composition and Size: 12 in. round Concrete

**Surface Casing**

Type: Unknown

**Riser Pipe**

Type: SCH 40 PVC  
 Diameter: 2 inch  
 Total Depth (Ground surface to TOS): 14.2'

**Annular Seal**

Type: Unknown  
 Interval BGS: Unknown

**Bentonite Seal**

Type: Unknown  
 Interval BGS: Unknown

**Primary Filter Pack**

Type: Unknown  
 Amt. Used: Unknown

**Screen**

Type: SCH 40 PVC  
 Diameter: 2 in.  
 Length: 10 ft  
 Slot Size and Type: 0.010 slotted  
 Interval BGS: 14.2' – 24.2'

14.2'

24.2'

Unknown

NOT TO SCALE

Note: All depths inferred from video logging observations

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