**WELL SCHEDULE**

**MASTER CARD**

- **Record by:** E. J. Harvey
- **Source of data:** M. Jones
- **Date:** 8-5-57
- **Water body:** Swan Lake
- **County:** Washington
- **Lat-Long Accuracy:** 15 degrees 15 min sec 15
- **Well number:** M010 G18 B0716 N06 W
- **Local use:** 
- **Owner:** J. T. Manning
- **Address:** East 11
- **Ownership:** County, Fed Govt., City, Corp or Co., Private, State Agency, Water Dist (P)
- **Use of water:** Raw crops (W)
- **Data available:** Field aquifer char (Q)
- **Log data:** Driller's log (D)

**WELL-DESCRIPTION CARD**

- **Depth well:** 107 ft
- **Depth casing:** 77 ft
- **Distance:** 7.7
- **Casing:** 20
- **Finishing:** 7
- **Method:** Air bored
- **Date drilled:** July 54
- **Driller:** Hollandale
- **Lift type:** Air, bucket, cent. jet (cent.)
- **Power:** Diesel, elec, gas, gasoline, hand, gas, wind, H.P.
- **Water level:** 15.5 ft above LSD
- **Data level:** July 1954
- **Drawdown:** 7.54 ft
- **Yield:** 600 gpm
- **Sp. Conduct:** K x 10^6
- **Temp:** °F

**QUALITY OF WATER DATA**

- **Iron:** ppm
- **Sulfate:** ppm
- **Chloride:** ppm
- **Hard.:** ppm
- **Date:**
- **Sampling:**
- **Taste, color, etc.:**
DROGEOLOGIC CARD

Physiographic Province: Coastal Plain
Bozeman Basin: 15H

Subbasin:

Site:

of: depression, stream channel, dunes, flat, hilltop, sink, swamp

3. Offshore, pediment, hillside, terrace, undulating, valley, flat

PER:

Quaternary Pleistocene

Miocene

PER:

Sedimentary alluvium

9 A.

Origin:

Fluvial

Aquifer

Thickness:

77 ft

Length of well open to:

30 ft

Depth to top of:

30 ft

system

Series

Aquifer, formation, group

41

23

aquifer, formation, group

44

aquifer, formation, group

43

Length of well open to:

77 - 107 ft

h to oxidized rock:

Source of data:

80

h to aquifer:

Source of data:

80

Total:

Infiltration:

70 - 71

Coefficient:

Storage:

74

74

Back Turbine 6" discharge
3 stage 8" bowls 50 ft setting 10 ft tailpipe

30' Buckshot

107' Sand & gravel (30-40 fine sand)

107' Hard shale in bottom

0.6 mi SE Arcola

GPO 857-700