

IOWA GEOLOGICAL SURVEY  
In Cooperation with U. S. Geological Survey  
RECORD OF WELL

Location:

Town: SOLON (NE) County JOHNSON  
NE NE NW sec. 25 T. 81 N., R. 6 (W) Twp.


Well name and number \_\_\_\_\_

Owner SOLON TOWN WELL (1960) Address SOLON, IOWA

Tenant \_\_\_\_\_ Address \_\_\_\_\_

Contractor HOEG & AMES Address LINCOLN, IOWA

Drillers LEROY AMES

Drilling dates SEPT. 15, 1960 - OCT. 20, 1960

Well data:

Altitudes: Drilling curb \_\_\_\_\_ feet; Land surface 788 feet

Determined by \_\_\_\_\_

Topographic position \_\_\_\_\_

Total depth: Reported 482' feet; Measured 482' feet

Drilling method CABLE TOOLS

Hole and casing data 27' OF 20" CSG. SET @ 25"

176' 9" OF 12" CASING SET @ 174' 9"

CEMENTED WITH 476 SACKS CEMENT

Original depth to water 63.11 ft. <sup>above</sup> / <sub>below</sub> \_\_\_\_\_ Date \_\_\_\_\_

Source of data \_\_\_\_\_

Sources of water: Principal 200-480Others 80-90' (CASA OFF)

## PRODUCTION DATA

Date OCT. 19-20, 1960Static water level 63.11Pumping water level 229Yield (g.p.m.) 392

Measuring point \_\_\_\_\_

Duration of pumping 24 HOURSSpecific capacity 2.37

## LABORATORY DATA

Well No. W12477 Sample range 6-482 No. of samples 94No. of dupls. and cond. 92 Good Washed range 25-482Samples prepared by Cahill - Valentine Date 10/5 - 10/19/60Logged by NORTHUP Date 10/21/60Correlations by \_\_\_\_\_ Date 10/21/60

# Solon # 2

Loc

Elev. 787' old

Driller LeRoy

Deep 481' Sept 15-60 to Oct 17-60

Cable

27" & 20" OD; 19" hole to 176' 9"; 176' 9" & 12" 10; 12" hole to 481'

0-5 blk to yel clay

5-20 yel clay

20-30 rk + little sh

30-80 gy to br lime

80-100 yel rk

~~100-120 gy rk broken~~

120-176' 9" gy lim

176-200 gy lime

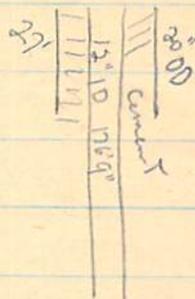
200-300 gy rk + a little sh

300-350 gy rk + mud seams

350-400 lt gy rk

400-479 lt gy rk

479-481 sh



476 basement

481' shale

- MP - 2.12' old

- turbine - direct drive gas engine

- elect line

- tank for discharge - 14 gal/in - alum pipe 100', 4" pipe

- pump @ 250'