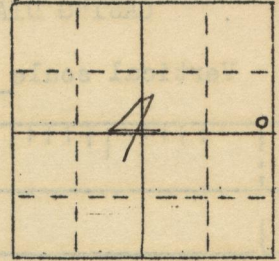


IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

RECORD OF WELL



Location:

Town: Moravia (NE)
(SW): County Appanoose
SE 1/4 SE 1/4 NE 1/4 sec. 4 T 70 N., R. 17 W. Taylor Twp.

Well name and number Moravia Test Well No. 2

Owner Town Moravia Address _____

Tenant _____ Address _____

Contractor Art Buinekool Address Pella Iowa

Drillers Art Buinekool, Tunis Schokel

Drilling dates Nov. 4 - Nov. 5, 1946

Well data:

Elevations: Drilling curb _____ feet; Land surface 994' feet

Elevation made by aneroid from C.M. & St. P. R.R. Station
at Moravia

Determined by D.A. Morris

Topographic position Side of Hill

Total depth: Reported 131' feet, Measured _____ feet

Drilling method Cable Tool

Hole and casing data _____

108' 2" of 5 3/16" casing

Original depth to water _____ ft. above _____ ft. below _____ Date _____

Original elevation of water level _____ ft.; Source of data _____

Sources of water: Principal _____ ; Others _____

Production data: _____ Date _____

Static depth to water _____ Measuring point _____

Pumping level _____ at _____ g.p.m.

Specific capacity _____ g.p.m. per ft. drawdown; Temperature _____ °F.

Pump data: Type pump _____ Column Dia. _____ Length _____

Cylinder or bowls: Dia. _____ Length _____ Suction pipe _____

Power _____ Airline _____

Estimated rate of production: _____ g.p.m. for _____ hrs. a day

Use of water _____

WATER ANALYSES (in parts per million)

Date samples	_____	_____	_____	_____
Sampled by	_____	_____	_____	_____
Total solids	_____	_____	_____	_____
Insoluble matter	_____	_____	_____	_____
Alkalinity (Meo)	_____	_____	_____	_____
Alkalinity (Phm)	_____	_____	_____	_____
pH	_____	_____	_____	_____
Fe ₂ O ₃ + Mn ₂ O ₃ +Al ₂ O ₃	_____	_____	_____	_____
Alkali as sodium	_____	_____	_____	_____
Calcium	_____	_____	_____	_____
Magnesium	_____	_____	_____	_____
Iron (unfiltered)	_____	_____	_____	_____
Manganese	_____	_____	_____	_____
Nitrate	_____	_____	_____	_____
Fluoride	_____	_____	_____	_____
Chloride	_____	_____	_____	_____
Sulfate	_____	_____	_____	_____
Bicarbonate	_____	_____	_____	_____
Hardness (ppm)	_____	_____	_____	_____
Hardness (gpg)	_____	_____	_____	_____

Remarks _____

Laboratory data: _____ Sample storage location _____

Sample range 0-131' No. spls. 28 No. dupls. & cond. 27 F+G

Spls. prepared by J.R. Washed range 120-131' by J.R.

Driller's log and cond. Yes Good

Insoluble residues: Prepared by _____ Studied by _____ Strip log _____

Microscopic study _____ strip log SEH

Gen. log _____ Correl. by _____