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

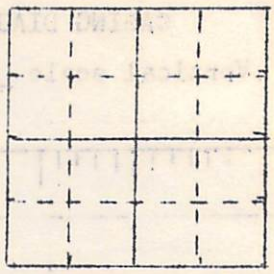
W0905

RECORD OF WELL

Location:

Town: Grimes (N E) (S W); County Polk E.

sec. ___ T. ___ N., R. 25 W. ___ Twp.



N part of Grimes
S. side of Highway 7

Well name and number Grimes Town Well

Owner _____ Address _____

Tenant _____ Address _____

Contractor Geo. Proctor Address Grimes

Drillers _____

Drilling dates _____

Well data:

Elevations: Drilling curb _____ feet; Land surface 963 feet

Determined by _____

Topographic position _____

Total depth: Reported 50 (?) feet, Measured _____ feet

Drilling method _____

Hole and casing data _____
(Give amount, size, kind, and depth of all casing; type and position of seals and packers; cementing; how finished--perforated pipe, screen, gravel pack, open hole, etc.)

Original depth to water _____ ft. above/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 sampled				
Sampled by				
Total solids				
Insoluble matter				
Alkalinity (Meo)				
Alkalinity (Phn)				
pH				
Fe_2O_3+ Mn_2O_3+Al_2O_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 - 50' No. spls. 7 No. dupls. & cond. 7 poor

Spls. prepared by Yoho Washed range _____ by _____

Driller's log and cond. Fair

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

Microscopic study 0 - 50' strip log 11/30/47 J. Rindsig

Gen. log _____ Correl. by _____

Date Received ?

Name of Well Town Well Well No. W-0905

Town Grimes County Polk

Location _____ Sec. ____ T, ____ N, R. ____ E W _____ Twp.

Contractor and Address George Proctor, Grimes.

Driller _____

Date Drilled _____ Curb Elevation _____

No. of Samples 7 No. of Duplicates 7 Condition Poor.

Log: Yes ~~No~~ Condition of Log: Well Record Missing; Log Fair

Sample Range: Top-32½, 40-50, one spls with depth not given, but probably depth range 32½-40

Remarks: Block 3 lots 1 & 2; Black estate property; W. portion of Grimes on S. side of Highway #7

Boxed by: Yoho, Dec 9, 1938.

Block 3 lots 1 & 2
Black estate property
W. portion of Grimes
on S. side of Highway 7

WELL RECORD

Well is located ..... *miles in a* ..... *direction*

from ..... *in* ....., *in the*
(Post office) (State)

..... ¼ ..... ¼ *sec.* ..... *T.* ..... *R.* .....

Owner .....

Address .....

Contractor .....

Address .....

Well begun ....., *193* ; *completed* ....., *193*

Rig used—cable, rotary, jet, or .....

Maker .....

Diameter of well at mouth .....; *at bottom* .....
(Inches) (Inches)

Depth of well .....; *Length and size of casing* .....
(Feet)

.....

Water at ..... *ft.*
(Depths in feet)

Main supply at ..... *ft.*

Water head ..... *ft.*

Is well pumped? .....; *Yield* .....
(Gallons per minute)

.....

.....

.....

W-0905

Recorded by .....

Address .....

Sample No.	DEPTH		THICKNESS
	From	To	
1	Top	3"	3"
2	1st Clay.	10"	7
3	10	30	20
4	30	33½	3½
5	40	45	
6	45	50	

Black drift carry from 45 to 50 ft. gravel at 50 ft.

W-0905

DESCRIPTION OF BEDS

KIND OF ROCK, COLOR, HARD OR SOFT WATER, ETC.

Blk Loft soil.
1st Yellow Clay.
2nd. clay. Solid impervious
Drift clay bearing Shale Stain
Drift Blue Clay.
Black drift containing wood fragments
Struck gravel.