IOWA GEOLOGICAL SURVEY W-1233

In Cooperation with U. S. Geological Survey

RECORD OF WELL

Location:

Town: Audubon (N E / S W):County Audubon

NENESENE sec. T 80 N., R. 34 E. (W) Twp.

Well name and number Dr. L.E. Jensen farm (veterinarian)

Owner _____ Address _____

Tenant _____ Address _____

Contractor Thorpe Well Co. Address _____

Drillers Glenn Roffenberger

Drilling dates Nov. 1939

Well data:

Elevations: Drilling curb _____ feet; Land surface 1444 feet

Determined by GROUP ALTIMETER RUN 8/1965

Topographic position _____

Total depth: Reported 320 feet, Measured _____ feet

Drilling method _____

Hole and casing data 316' of 6" casing set at 313'; 5' of 6" screen with 19' of 5 3/16" pipe on top.

Original depth to water 225 ft. ~~above~~ below _____ Date _____

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

Sources of water: Principal _____; Others _____

CASING DIAGRAM Vertical scale_____	LOG
	62' sdy yel clay
	11 fn. sd
	12 sdy clay
	13 bl. clay
	2 gravel & clay
	27 sdy bl. clay
	3 gravel
	35 gr. clay
	82 sdy. gr clay
	13 sd

County platbook has L. E. Jensen in N½ 7-80-34 W-1233

IOWA GEOLOGICAL SURVEY
Iowa City, Iowa

Well Log Record

Well name and number Dr L. E. Jens Town Audu County Audubon

Owner of well Do Address

Tenant Address

Location sec. , T. N., R. E. W. Twp.

Curb elevation ft. Present depth ft. final depth ft.

Static level: (Depth to water above below curb) ft. Pumping level ft. at g.m.

Contractor Thorpe Well Co Date drilled Nov. 1939

Description*	FEET			Description*	FEET		
	Thick	From	To		Thick	From	To
Sdy yel clay	62						
fine sd		62	73				
sdy clay		73					
bl. clay	13		98				
gravel & clay		98					
sdy bl. clay	87	101					
gravel	3	157					
gr. clay	35	196					
sdy gr. clay	82	225					
sd	13	307					

*Abbreviate descriptions: use one line for each formation

Remarks on water zones and casings 6' 11" of 6" casing set at 313 of 6" screen with 19' of 5 3/16" pipe on Top

Temperature: Air °F., Water °F. at A.M. P.M. 19

Record obtained from Recorded by

Production data: Date _____

Static depth to water 225 Measuring point _____
Pumping level ? at 6 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_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 62:245; 255:295; 2070 No. spls. 50 No. dupls. & cond. 45 Poor
Spls. prepared by Oaklesbay Washed range _____ by _____
Driller's log and cond. _____
Insoluble residues: Prepared by _____ Studied by _____ Strip log _____
Microscopic study _____ strip log 5-21
Gen. log _____ Correl. by _____