

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

P-29a

RECORD OF WELL

380002097401702

	SEC. 32		

Locate well on plat of section.

1. Location: State Kansas County Harvey
Nearest P. O. Burton Direction from P. O. S
Distance from P. O. 1.5 miles; SW. SE $\frac{1}{4}$ sec. 32, T. 23S, R. 3W
If in city, give street and number _____

2. Owner: City of Wichita Address Wichita, Kansas
Driller: Layne-Western Co. Address Kansas City, Mo.

3. Situation: Is well on upland, in valley, or on hillside? Plain

4. Elevation of top of well: 1444.71 ^{Erd.} ft. above the level of sea
(Above or below) (Sea, depot, lake, or stream)

5. Type of well: bored; kind of drilling rig used rotary
(Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

6. Depth of well: 138.0 ft.; year in which well was finished 1939

Does well enter rock? yes; if so, at what depth? 136.0 ft.; kind of rock shale

7. Diameter: At top 3.0 inches; at bottom 3.0 inches.

8. Principal water bed: sand & gravel

Depth to principal water bed 50.0 ft.; thickness of bed 50.0 ft.
(Gravel, sand, clay, or rock. If rock, state kind)

If other water supplies were found, give depth to each 6.0' to 21.0' 28.0' to 35.0'

9. Casings: Kind Galv. Iron; size 1-1/4; length 97.0 ft.; between depths of 0.0 and 97.0 ft.

Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Kind _____; size _____; length _____ ft.; between depths of _____ and _____ ft.

Packers (if any): Depth at which packers were used _____; kind _____

Screen or Strainer: Was well finished with screen? yes; kind of screen Farm well point;

length of screen 3.0 ft.; diameter 1-1/4 inches; size of openings #100, Gauze 40 m.m.

10. Head: Does well at present overflow without pumping? no; did it overflow when new? no;

if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;

original pressure or head _____; if not flowing, give water level in well 6.71 ft. below surface.

11. Pump: Is the well pumped? no; kind of pump _____;

size or capacity of pump _____; kind of power _____

12. Yield: Natural flow at present (if any) none gallons per minute; original flow none gallons per minute;

well has been pumped yes-clear gallons per minute continuously for _____ hours;

quantity of water ordinarily obtained from well none gallons per day.

13. Use: For what purpose is the water used? observation

14. Quality of the water: soft-fresh; is there an analysis? yes
(Hard or soft, fresh or salty, etc.)

15. Cost of well, not including pump: _____ Temperature of water 59.0 ° F.

Name of person filling blank G. H. von Hein

Date June 13, 1939 Address Wichita, Kansas

LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Black-brown sandy loam	0.0	2.0	2.0	soil
Yellow-brown clay, silt & f. sand	2.0	6.0	4.0	c 5; s 70; fs 25
somewhat oxidized Red-brown sand & gravel	6.0	12.0	6.0	mg 10; cg 10 fs 10; ms 15; cs 35; fg 20
Gray sand & gravel	12.0	21.0	9.0	mg 10; cg 30 fs 5; ms 20; cs 15; fg 20
tightly compacted Green-gray clay & silt	21.0	28.0	7.0	c 25; s 65; fs 10
Gray sand	28.0	35.0	7.0	fg 5 s 5; fs 20; ms 40; cs 30; mg 10; cg 25
do	35.0	41.0	6.0	fs 15; ms 20; cs 25; fg 5
tightly compacted Yellow & gray-green clay & silt	41.0	50.0	9.0	c 20; silt 80
Gray-tan sand & gravel	50.0	73.0	23.0	mg 10; cg 10 fs 15; ms 30; cs 15; fg 20
Gray-tan sand	73.0	75.0	2.0	fs 35; ms 60; cs 5
Gray-tan sand & gravel	75.0	100.0	25.0	mg 20; cg 15 fs 5; ms 30; cs 25; fg 5
tightly compacted Yellow-rose clay & silt	100.0	136.0	36.0	c 15; s 80; fs 5
Rose-red clay & silt, do	136.0	137.0	1.0	do
Dark red shale, probably Enid	137.0	138.0	1.0	100
The name of the Enid was changed to Ninnescah in Dec. 1939, JCF				