

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY
 WATER RESOURCES BRANCH

380331097395402

RECORD OF WELL P-32a

	SEC. 8		

Locate well on plat of section.

1. Location: State Kansas County Harvey
 Nearest P. O. Burrtton Direction from P. O. N.
 Distance from P. O. 2 miles; SE. SE 1/4 sec. 8, 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? downward slope to the west
4. Elevation of top of well: 1472.92 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: 95.0 ft.; year in which well was finished 1939
 Does well enter rock? yes; if so, at what depth? 95.0 ft.; kind of rock shale
7. Diameter: At top 3.0 inches; at bottom 3.0 inches. Layne-Western special cylinder 1-1/4" x 2.0'
8. Principal water bed: sand & gravel
(Gravel, sand, clay, or rock. If rock, state kind)
 Depth to principal water bed 80.0 ft.; thickness of bed 5.0 ft.
 If other water supplies were found, give depth to each 25.0' to 35.0'
9. Casings: Kind Galv. Iron; size 1-1/4; length 39.0 ft.; between depths of 0.0 and 39.0 ft.
Layne-Western
 Kind Galv. Iron Cyl.; size 1-1/4; length 2.0 ft.; between depths of 39.0 and 41.0 ft.
 Kind Galv. Iron; size 1-1/4; length 41.0 ft.; between depths of 41.0 and 82.0 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 44.64 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 65.0 °F.

Name of person filling blank G. H. von HeinDate June 21, 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—		
Gray-brown sandy loam	0.0	2.0	2.0	soil
Red-brown clay, silt & sand	2.0	7.0	5.0	c 5; s 60; fs 35
Red-brown sand	7.0	18.0	9.0	s 30; fs 40; ms 30
Brown-yellow clay & silt	18.0	22.0	4.0	c 10; s 80; fs 10
with red-brown clay				
Brown-yellow sand, interlayered	22.0	25.0	3.0	c 5; s 10; fs 30; ms 55
Gray sand & gravel	25.0	35.0	10.0	mg 5; cg 10 fs 5; ms 20; cs 30; fg 30
Blue-gray clay & silt, compacted	35.0	52.0	17.0	c 15; s 85
do do tightly compacted	52.0	80.0	28.0	c 25; s 75
Gray sand & gravel	80.0	85.0	5.0	mg 15; cg 30 fs 5; ms 10; cs 20; fg 20
Green-blue clay & silt tightly compacted	85.0	88.0	3.0	c 25; s 75
Green-blue shale	88.0	95.0	7.0	100
<i>Error - Redrilled much deeper</i>				