USE TYPEWRITER OR BALL POINT PEN-PRESS FIRMLY, PRINT CLEARLY.

WATER WELL RECORD
KSA 82a-1201-1215

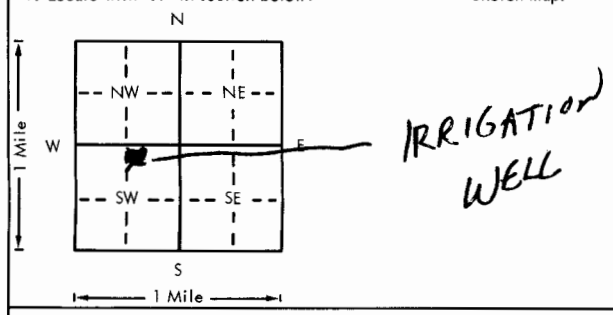
Kansas Department of Health and Environment-Division of Environment
(Water well Contractors)
Topeka, Kansas 66620

1. Location of well:	County	Fraction	Section number	Township number	Range number
	HARVEY	NW 1/4 NE 1/4 SW 1/4	14	T 24 S	R 2 W

X Distance and direction from nearest town or city: 2½ mi South
Street address of well location if in city: OF HALSTEAD, KS.

3. Owner of well: JOHN STUTZMAN
R.R. or street: R.R. #2
City, state, zip code: HALSTEAD, KS. 67056

4. Locate with "X" in section below: Sketch map:



6. Bore hole dia. 30 in. Completion date
Well depth 138 ft. 4-30-79

7. ___ Cable tool ___ Rotary ___ Driven ___ Dug
___ Hollow rod ___ Jetted ___ Bored X Reverse rotary

8. Use: ___ Domestic ___ Public supply ___ Industry
X Irrigation ___ Air conditioning ___ Stock
___ Lawn ___ Oil field water ___ Other

9. Casing: Material ~~SM~~ Height Above or below
Threaded ___ Welded ___ Surface 12 in.
RMP ___ PVC X Weight ___ lbs./ft.
Dia 16 in. to 99 ft. depth Wall Thickness: inches or
Dia. ___ in. to ___ ft. depth gage No. .5 IN.

5. Type and color of material	From	To
Top Soil	0	3
Brown Sandy Clay	3	12
Very Fine Sand	12	20
Fine and Medium Sand	20	25
Medium Course Sand	25	37
Medium Gray Sand	37	55
Gray Clay	55	62
Medium Gray Sand	62	75
Fine Sand & Clay	75	91
Fine Sand	91	112
Green Clay	112	118
Medium Equas Sands	118	138
Blue Shale	138	139
(Use a second sheet if needed)		

10. Screen: Manufacturer's name JET STREAM PLASTICS
Type PVC Dia. 16"
Slot/gauze 16 Length 40 ft
Set between 99 ft. and 139 ft.
___ ft. and ___ ft.
Gravel pack? YES Size range of material 1/4 in

11. Static water level: mo./day/yr.
32 ft. below land surface Date 4-20-79

12. Pumping level below land surfaces:
___ ft. after ___ hrs. pumping ___ g.p.m.
___ ft. after ___ hrs. pumping ___ g.p.m.
Estimated maximum yield 1400 g.p.m.

13. Water sample submitted: mo./day/yr.
X Yes ___ No Date X 4-30-79

14. Well head completion:
___ Pitless adapter 12 Inches above grade

15. Well grouted? YES PUDDLE CLAY
With: ___ Neat cement ___ Bentonite ___ Concrete
Depth: From 0 ft. to 15 ft.

16. Nearest source of possible contamination:
ft. NONE Direction WITHIN 1 mile Type
Well disinfected upon completion? ___ Yes X No

17. Pump: ___ Not installed
Manufacturer's name WESTERN LAND ROLLER
Model number 8M HP 40 Volts
Length of drop pipe 100 ft. capacity 1200 g.p.m.
Type:
___ Submersible X Turbine
___ Jet ___ Reciprocating
___ Centrifugal ___ Other

18. Elevation:

Topography:
___ Hill
X Slope
___ Upland
___ Valley

19. Remarks:

20. Water well contractor's certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
PETERSON IRRIGATION 138
Business name License No.
Address BOX 150 LINDSBORG, KS
Signed Mike Peterson Date 5-11-79
Authorized representative

Forward the white, blue and pink copies to the Department of Health and Environment

Form WWC-5

24 T 2 R 2 (W) E 14 Sec NW 1/4 NE 1/4 SW 1/4

REPORT OF INORGANIC WATER ANALYSIS

STATE OF KANSAS
DEPARTMENT OF HEALTH & ENVIRONMENT
OFFICE OF LABORATORIES AND RESEARCH
FORBES BLDG. 740, TOPEKA, KANSAS 66620

Address inquiries to:
Division of Environment
Mail samples to:
Environmental Laboratories

Lab. No. 1615

Acct. ~~Oil Field~~

Copies To:
W. N. Peterson
Oil Field ✓
South Central Dist.
Mr. John Stutsman
Groundwater Management Dist. #2,
c/o Thomas C. Bell,
Manager, 243 Main,
Halstead, Ks. 67056

RECEIVED
MAR 29 1979
DIVISION OF ENVIRONMENT
OF & EG SEC.

Wallace N. Peterson
Peterson Irrigation, Inc.
331 Harrison, Lindsborg, Ks.

LOCALITY Harvey County — COLLECTED BY

DATE COLLECTED 3/5/79 — DATE REC'D 3/9/79 — DATE REPORTED MAR 29 1979

Remarks:	Lab. No. 1615 Source: Mr. J. Stutsman Route 2, Halstead, Ks. NE¼, NW¼SW¼, Sec. 14 T24S, R2W, 150', Test Well — Irrigation.	Lab. No. ____ Source:	Lab. No. ____ Source:
Results expressed in Milligrams Per Liter			
pH			
Total Hardness (as $CaCO_3$) ✓	88.		
Calcium (Ca^{++}) ✓	27.		
Magnesium (Mg^{++}) ✓	5.0		
Sodium (Na^{+}) ✓	16.		
Total Alkalinity (as $CaCO_3$) ✓	86.		
Chloride (Cl) ✓	6.		
Sulfate (SO_4) ✓	28.		
Nitrate (as N) ✓	0.0		
Fluoride (F)			
Iron			
Manganese			

FD W.

CD