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

WATER WELL RECORD
KSA 82a-1201-1215

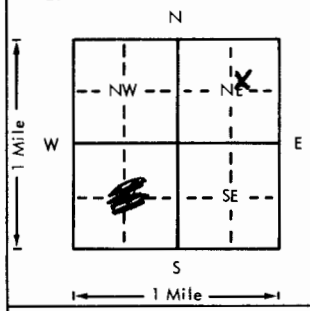
Kansas Department of Health and Environment-Division of Environment
(Water well Contractors)
Topeka, Kansas 66620

1. Location of well: County: Ottawa | Fraction: SW 1/4 NE 1/4 NE 1/4 | Section number: 21 | Township number: T 11 S | Range number: R 3 E (W)

2. Distance and direction from nearest town or city: 1-S 1-E ¼-N of Lindsey, Ks.
Street address of well location if in city:

3. Owner of well: John Twaddell
R.R. or street: Rt 2
City, state, zip code: Minneapolis, Ks. 67467

4. Locate with "X" in section below:




Sketch map:

6. Bore hole dia. 24 in. Completion date
Well depth 109 ft. 8-14-78

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

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

9. Casing: Material ~~monsite~~ Height: Above or ~~below~~
Threaded ___ Welded ___ Surface 18 in.
RMP ___ PVC ___ Weight ___ lbs./ft.
Dia. 16 in. to 109 ft. depth Wall Thickness: inches or
Dia. ___ in. to ___ ft. depth gage No. 9

10. Screen: Manufacturer's name Johnson
Type ___ Dia. 16" MHC
Slot/~~gauge~~ .060 Length 52
Set between 57 ft. and 109 ft.
___ ft. and ___ ft.
Gravel pack? X Size range of material ½ 3/4 7/8

11. Static water level: mo./day/yr.
~~22~~ ft. below land surface Date 5-10-77

12. Pumping level below land surfaces:
62 ft. after 2 hrs. pumping 400 g.p.m.
___ ft. after ___ hrs. pumping ___ g.p.m.
Estimated maximum yield 600 g.p.m.

13. Water sample submitted: mo./day/yr.
X Yes ___ No Date 5-10-77

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

15. Well grouted? X
With: X Neat cement ___ Bentonite ___ Concrete
Depth: From 0 ft. to 10 ft.

16. Nearest source of possible contamination:
ft. ¼ mi Direction west Type Irrg. well
Well disinfected upon completion? ___ Yes ___ No

17. Pump: Not installed
Manufacturer's name W.F.R.
Model number 4-10CMC HP 40 Volts ___
Length of drop pipe 80 ft. capacity 600 g.p.m.
Type:
___ Submersible X Turbine
___ Jet ___ Reciprocating
___ Centrifugal ___ Other

| 5. Type and color of material | From | To |
|---|---|---|
| ~~Top Soil~~ | ~~0~~ | ~~2~~ |
| ~~Clay~~ | ~~2~~ | ~~25~~ |
| ~~Sand & gravel~~ | ~~25~~ | ~~48~~ |
| ~~Iron sand rock~~ | ~~48~~ | ~~100~~ |
| ~~Steel clay~~ | ~~100~~ | ~~110~~ |
| ~~Shale~~ | ~~110~~ | ~~120~~ |
| Top soil | 0 | 3 |
| Brown clay | 3 | 24 |
| Rusty brown clay | 24 | 28 |
| Good sand & gravel | 28 | 49 |
| Iron pyrite | 49 | 50 |
| Good clean sand rock | 50 | 110 |
| Iron pyrite | 110 | |
| (Use a second sheet if needed) | | |

18. Elevation:

Topography:
___ Hill
X Slope
X 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.
Rosencrantz-Bemis 134
Business name License No.
Address Great Bend Ks 67530
Signed Sandy Kilgore Date 10-6-77
Authorized representative

T 11 R 3 E Sec 21 SW ¼ NE ¼ NE ¼

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

Form WWC-5

M1-1023