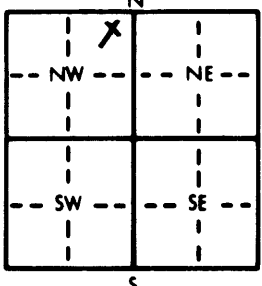


1 LOCATION OF WATER WELL: County: Saline Fraction: NE $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section Number: 16 Township Number: T 14 S Range Number: R 2W **(EW)**

Distance and direction from nearest town or city street address of well if located within city?
One mile east of Salina

2 WATER WELL OWNER: Exline Inc. Obsv Well C-7
 RR#, St. Address, Box #: P O Box 1487 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Salina, KS 67402-1487 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:


4 DEPTH OF COMPLETED WELL: 49 ft. ELEVATION: 1223.00 L.S.
 Depth(s) Groundwater Encountered 1. 27 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 26.32 ft. below land surface measured on mo/day/yr 11/25/87
 Pump test data: Well water was ND ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 6 in. to 50 ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was sub-
 mitted _____ Water Well Disinfected? Yes _____ No X

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded _____
 2 PVC 4 ABS 7 Fiberglass _____ Threaded X
 Blank casing diameter 2 in. to 4.4 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 24 in., weight _____ lbs./ft. Wall thickness or gauge No. SDR 26
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 4.4 ft. to 49 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 49 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From 0 ft. to 20 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination: ND
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage _____
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	27	Clay and silt			
27	49	Gravel and sand			
49	50	Shale			
See detailed log attached					

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 11/23/87 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 126 This Water Well Record was completed on (mo/day/yr) 12/8/87 under the business name of Hydraulic Drilling Co by (signature) [Signature]

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
T
R
EW
SEC.
1/4
1/4
1/4

C-5. 240 ft. S-SE of C-3. Drilled 11/18/87

Fill:

0 3 Clay, silty, dark gray and light brown
Sanborn and Meade Formations:
3 15 Clay, silty, light greenish-gray and light brown
15 24 Silt, sandy, brown, soft
24 30 Gravel, coarse to fine, sand and silt, brown
30 35 Clay, light gray and light brown, sandy
35 52 Gravel, coarse to fine sand, little clay, silty, brown
Wellington Formation:
52 55 Shale, white, grades downward to blue-gray
Sample pumped with screen set 47 to 52 ft.
Static water level 11/19/87, 16.42 ft. below top casing 2 ft. above LS

C-6. 183 ft. N-NW of C-4. Drilled 11/23/87

Fill:

0 4 Clay and rock rubble
Sanborn and Meade Formations:
4 33 Clay, silty, light brown and yellow-brown. Sandy 14 to 18 with
some gravel rubble at 18 ft.
33 35 Gravel, fine to medium and sand
35 48 Gravel, fine to coarse and sand
Wellington Formation:
48 51 Shale, clayey, light greenish-gray
51 53 Shale, fairly soft, dark blue-gray
Sample pumped with screen 44 to 49 ft.
Static water level 11/25/87, 28.29 ft. below top casing 2 ft. above LS

C-7. 126 ft. NE of C-4. Drilled 11/23/87

Fill:

0 2 Silt, sand and rubble
Sanborn and Meade Formations:
2 14 Clay, silty, light brown
14 19 Silt, soft, sandy, light brown
19 27 Clay, alternating firm and soft, sandy, light gray
27 49 Gravel, coarse to fine and sand, some silt, brown
Wellington Formation:
49 50 Shale, yellow and light gray, grades downward to firm, dark gray
Sample pumped with screen at 44 to 49 ft.
Static water level 11/25/87, 28.32 ft. below top casing 2 ft. above LS

C-8. 216 ft. NE of C-2. Drilled 11/24/87

Sanborn and Meade Formations:

0 14 Clay, light brown and light gray. Much rock rubble at top
14 25 Silt, soft, light brown; contains sand fine and some gravel
21 to 25
25 37 Gravel, fine to coarse and sand
Wellington Formation:
37 40 Shale, clayey, soft, light gray
40 47 Shale, dark gray and white, fairly soft
Sample pumped with screen 33 to 38 ft.
Static water level 11/25/87, 24.67 ft. below top casing 2 ft. above LS