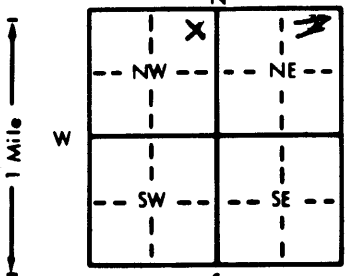


1 LOCATION OF WATER WELL: County: Saline Fraction: NE 1/4 NE 1/4 NW 1/4 Section Number: 16 Township Number: T 14 S Range Number: R 2W **EW**

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

2 WATER WELL OWNER: Exline Inc. Obsv. well No. C-1  
 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: 45 ft. ELEVATION: 1217.52 LS  
 Depth(s) Groundwater Encountered: 1. 39 ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL: 18.52 ft. below land surface measured on mo/day/yr 11/19/87  
 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 \_\_\_\_\_ ft., and \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below)  
 Was a chemical/bacteriological sample submitted to Department? Yes \_\_\_\_\_ No X If yes, mo/day/yr sample was submitted \_\_\_\_\_  
 Water Well Disinfected? Yes \_\_\_\_\_ No X

5 TYPE OF BLANK CASING USED:  
 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued \_\_\_\_\_ Clamped \_\_\_\_\_ Welded \_\_\_\_\_ Threaded \_\_\_\_\_  
 Blank casing diameter: 2 in. to 40 ft. Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft. Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface: 24 in., weight SDR: 26 lbs./ft. Wall thickness or gauge No. \_\_\_\_\_  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)  
 SCREEN-PERFORATED INTERVALS: From 40 ft. to 45 ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 20 ft. to 45 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 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)

Direction from well? \_\_\_\_\_ How many feet? \_\_\_\_\_

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	39	Clay and silt			
39	44	Sand and gravel			
44	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) 11/16/87 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) 12/7/87 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

Logs of holes drilled for Exline, Inc. November and December, 1987

C-1. 174.5 ft. E-SE of B-9. Drilled 11/16/87

Sanborn and Meade Formations:

0 7 Silt, clayey, brown. Rock rubble at top  
7 22 Silt, soft, sandy, light brown  
22 39 Clay, soft, sandy, light brown  
39 44 Gravel, medium to fine and sand, silty

Wellington Formation:

44 50 Shale, soft, gray-green

Sample pumped from screen set 40 to 45 ft.

Static water level 11/19/87 - 20.52 ft. below top of casing 2 ft. above land surface.

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DIVISION OF ENVIRONMENT

C-2. 252.6 ft. E-NE of B-8. Drilled 11/16/87

Sanborn and Meade Formations:

0 5 Clay, silty, sandy, brown  
5 10 Clay, silty, light brown and light gray  
10 20 Clay, silty, light brown and light gray; contains sand, fine, increasing downward and sporadic gravel, fine  
20 36 Clay, silty, soft, light gray and light brown, some nodular caliche and thin volcanic ash at 23 ft.  
36 52 Gravel, fine to coarse and sand, some clay, brown  
52 53 Clay, light gray  
53 54 Gravel, fine to coarse and sand

Wellington Formation:

54 60 Shale, blue-gray

Sample pumped from screen set 50 to 55 ft.

Static water level 11/19/87 - 21.78 ft. below top casing 2 ft. above LS

C-3. 114 ft. S-SW of C-1. Drilled 11/17/87

Fill:

0 4 Loam, dark gray, interbedded with clay, silty, brown

Sanborn and Meade Formations:

4 8 Clay, silty, sandy, soft, light brown  
8 16 Clay, silty, light greenish-gray  
16 22 Clay, silty, light greenish-gray and light brown mottled orange  
22 23 Volcanic ash, white  
23 38 Clay, partly silty and sandy, soft  
38 46 Gravel, coarse to fine and sand, silty

Wellington Formation:

46 48 Shale, clayey, gray-green and white

48 50 Shale, fairly soft, dark blue-gray

Sample pumped from screen set 42 to 47 ft.

Static water level 11/19/87, 19.78 ft. below top casing 2 ft. above LS

C-4. 300 ft. N. of C-2. Drilled 11/18/87

Sanborn and Meade Formations:

0 5 Clay, silty, light brown. Some rock rubble at top  
5 15 Silt, clayey, sandy, light brown  
15 16 Gravel, coarse to fine and sand, silty  
16 22 Clay, light greenish-gray mottled brown and orange  
22 29 Silt, sandy, brown  
29 48 Gravel, fine to medium and sand, some clay, brown

Wellington Formation:

48 49 Shale, soft, light gray

49 50 Shale, fairly firm, dark blue-gray

Sample pumped from screen set 44 to 49 ft.

Static water level 11/19/87, 26.99 ft. below top casing 2 ft. above LS