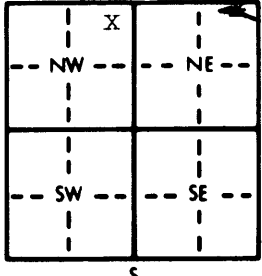


1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 NW 1/4 Section Number 16 Township Number T 14 S Range Number R 2W EW
 County: Saline

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 No. C-4
 RR#, St. Address, Box #: P O Box 1487 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Salina, Ks. 67401-1487 Application Number:

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


4 DEPTH OF COMPLETED WELL... 49 ft. ELEVATION: 1222.01 IS
 Depth(s) Groundwater Encountered 1... 29 ft. 2... ft. 3... ft.
 WELL'S STATIC WATER LEVEL 24.99 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: 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 submitted
 Water Well Disinfected? Yes No X

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ... Clamped ...
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded ...
 2 PVC 4 ABS 7 Fiberglass Threaded...
 Blank casing diameter ... 2 in. to ... 44 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: 7 PVC 10 Asbestos-cement
 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: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 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 ... 44 ft. to ... 49 ft., From ... ft. to ... ft.
 GRAVEL PACK INTERVALS: From ... 20 ft. to ... 49 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	15	Clay and silt			
15	16	Gravel and sand			
16	29	Clay and silt			
29	48	Gravel and sand			
48	50	Shale			
		See detailed log			

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) ... 11/18/87 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
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SEC.
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1/4

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

C-1. 134.5 ft. E-SE of B-9. Drilled 11/16/87

Sanborn and Meade Formations:

0 7 Silt, clayey, brown. Rock rubble at top
7 32 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.

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

RECEIVED

DEC 10 1987

DIVISION OF
ENVIRONMENT