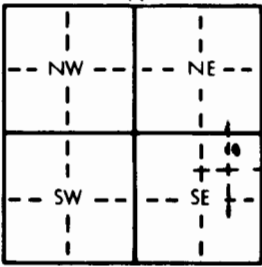


1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 SE 1/4 Section Number 16 Township Number T 14 S Range Number R 25 **(E)W**  
 County: Johnson Distance and direction from nearest town or city street address of well if located within city?

800' north of plant building at 164th & Mission

2 WATER WELL OWNER: Kuhlman Diecasting Plant Board of Agriculture, Division of Water Resources  
 RR#, St. Address, Box #: 164th & Mission Road Application Number:  
 City, State, ZIP Code: Stanley, Kansas

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 29.5' ft. ELEVATION: Ground surf. approx. 886.0' ft.  
 AN "X" IN SECTION BOX: Depth(s) Groundwater Encountered 1. 5.2' ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL 5.5' ft. below land surface measured on mo/day/yr 10/28/83



Pump test data: Well water was ft. after hours pumping gpm  
 Est. Yield gpm: Well water was ft. after hours pumping gpm  
 Bore Hole Diameter 4 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** **Monitoring 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 **X** 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 29.5 ft. Dia in. to ft. Dia in. to ft.  
 Casing height above land surface 30 in., weight lbs./ft. Wall thickness or gauge No. **Class 160**

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 5.5 ft. to 29.5 ft., From ft. to ft.  
 GRAVEL PACK INTERVALS: From 5.5 ft. to 29.5 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout **3 Bentonite** **4 Other bentonite cement grout**  
 Grout Intervals: From ft. to ft., From 4.5 ft. to 5.5 ft., From 0.0 ft. to 4.5 ft.  
 What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well  
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well  
 2 Sewer lines 5 Cess pool **8 Sewage lagoon** 12 Fertilizer storage **16 Other (specify below)**  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage **Storage pond**  
 Direction from well? #8-SSE, #16-W How many feet? #8-270', #16-250'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0	1.0	<b>2</b> Brown silt, moist, soft			pebbles, moist, soft
1.0	5.0	<b>3</b> Light brown tan mottled w/some dark brown clayey silt, moist, medium soft	28.0	29.5	<b>4</b> Gray shale w/some pebbles & sand, moist, soft
5.0	9.5	<b>2</b> Light brown silty, very moist, soft	29.5	30.0	<b>2</b> Gray fissile shale w/limestone nodules, damp, dense
9.5	10.0	<b>3</b> Light brown tan mottled gray & dark gry silt, very moist, soft	30.0	T.D.	
10.0	14.5	<b>2</b> Tan silt, very moist, soft			
14.5	19.5	<b>3</b> Tan to reddish tan mottled w/some gray silt, very moist, soft			
19.5	24.5	<b>7</b> Gray silt w/shale pieces, very moist, very soft			
24.5	25.0	<b>2</b> Gray mottled w/some tan silt w/sand & pebbles, moist, soft			
25.0	28.0	Gry silt w/some gray shale &			

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) 10/28/83 and this record is true to the best of my knowledge and belief. Kansas  
 Water Well Contractor's License No. 102 This Water Well Record was completed on (mo/day/yr) 11/10/83  
 under the business name of Layne-Western Company, Inc. by (signature) *Dianax Alumbaugh*

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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER.

OFFICE USE ONLY

T

14

R

25

DM

SEC.

16

NE 1/4

NE 1/4

NE 1/4

SE 1/4