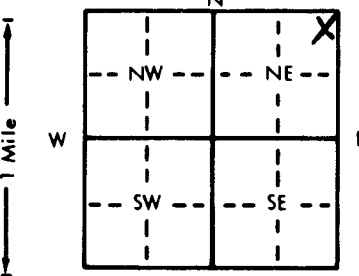


1 LOCATION OF WATER WELL: County: **Kiowa** Fraction: **NE 1/4 NE 1/4 NE 1/4** Section Number: **1** Township Number: **T 29 S** Range Number: **R 16 E 10**

Distance and direction from nearest town or city street address of well if located within city?
SE 4S OF HAVILAND, KS

2 WATER WELL OWNER: **Freeman Drilling**
 RR#, St. Address, Box # : **Pratt, Kansas 67124**
 City, State, ZIP Code :
 Board of Agriculture, Division of Water Resources
 Application Number: **782-456**

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


4 DEPTH OF COMPLETED WELL: **150** ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. **96** ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: **96** ft. below land surface measured on mo/day/yr **7-31-82**
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield: **100** gpm; Well water was ft. after hours pumping gpm
 Bore Hole Diameter: **10** in. to **150** 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 **X** No

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued **X** Clamped
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter **5** in. to **130** ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface: **12** in., weight lbs./ft. Wall thickness or gauge No. **.214**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify)
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped **8** Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify)
 SCREEN-PERFORATED INTERVALS: From **130** ft. to **150** ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **10** ft. to **150** ft., From ft. to ft.

6 GROUT MATERIAL: **1** Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From **0** ft. to **10** ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 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 **NONE**
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Top soil			
2	15	Clay, dark brown and brown			
15	35	Sand, fine to coarse to fine gravel			
35	75	Clay, tan and gray with white caliche streaks			
75	105	Sand, fine to coarse to fine to med gravel			
105	150	Sand, fine to coarse to med to coarse to very coarse gravel			

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) **31 July 82** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **325** This Water Well Record was completed on (mo/day/yr) **25 Oct 82** under the business name of **Central Well & Pump Inc.** 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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T 29 R 16 SEC. 17E 1/4