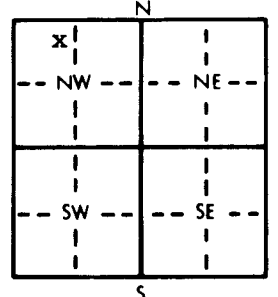


1 LOCATION OF WATER WELL: Fraction Section Number Township Number Range Number  
 County: **Cowley** NE 1/4 NW 1/4 NW 1/4 36 T 34 S R 3 **EXX**

Distance and direction from nearest town or city street address of well if located within city?  
**.9 mile west of 166/77 Hiway Junction, Ark City**

2 WATER WELL OWNER: **Kansas Department of Health and Environment**  
 RR#, St. Address, Box #: **Forbes Field** Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: **Topeka, Kansas 66620** Well #1 Application Number:

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


4 DEPTH OF COMPLETED WELL: **30.9** ft. ELEVATION: **1071.0 (pad) - 1072.2(t.i.c.)\***  
 Depth(s) Groundwater Encountered 1. **7.5** ft. 2. **?** ft. 3. **?** ft.  
 WELL'S STATIC WATER LEVEL **7.5** ft. below land surface measured on mo/day/yr **7-1-82**  
 Pump test data: Well water was **7.5** ft. after **1** hours pumping **50** + gpm  
 Est. Yield gpm: Well water was **?** ft. after **?** hours pumping **?** gpm  
 Bore Hole Diameter **5** in. to **35.0** 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 ; If yes, mo/day/yr sample was submitted **7-1-82** Water Well Disinfected? Yes  No

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 **3** in. to **30.9** ft., Dia. **?** in. to **?** ft., Dia. **?** in. to **?** ft.  
 Casing height above land surface **18** 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 **30.9** ft. to **10.9** ft., From **?** ft. to **?** ft.  
 From **?** ft. to **?** ft., From **?** ft. to **?** ft.  
 GRAVEL PACK INTERVALS: From **30.9** ft. to **3.0** ft., From **?** ft. to **?** ft.  
 From **?** ft. to **?** ft., From **?** ft. to **?** ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite ~~XXXXX~~ pellet form  
 Grout Intervals: From **3.0** ft. to **?** ft., From **0** 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)  
**off site background**  
 13 Insecticide storage  
 Direction from well? **Refer to map of Milliken Refinery Site** How many feet? **well**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Dark Brown Clayey Sand			<b>Note:</b> Test hole caved back to 7.8 feet. 2'X2'X4" concrete pad was poured around surface of well.  * Top Inside Casing
2	10	Light Brown Silty Sand (moist)			
10	18	Light Brown Fine-Medium Arkosic Sand			
18	29	No Return			
29	35	Light Brown Medium-Coarse Sand & Gravel			
35	35.5	Weathered limestone (Herington)			

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) **6-15-82** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **249** This Water Well Record was completed on (mo/day/yr) **7/13/82** under the business name of **Hunt Drilling Co./KDHE** by (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  
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R  
SEC.  
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