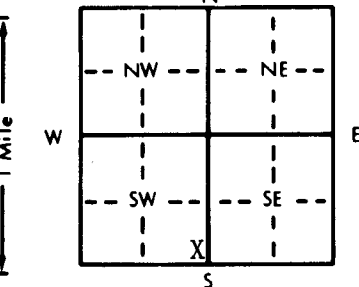


1 LOCATION OF WATER WELL: County: Cowley	Fraction SE 1/4 SE 1/4 SW 1/4	Section Number 36	Township Number T 34 S	Range Number R 3 E
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Distance and direction from nearest town or city street address of well if located within city?
Approx. 250' South of Southeastern ~~Ark City~~ point of Sandpit (See Map) **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 # **3** Application Number:

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



4 DEPTH OF COMPLETED WELL: **29.9** ft. ELEVATION: **1066.1 (pad) - 1067.1 (t.i.c.)***

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL . . . **6.5** . . . ft. below land surface measured on **mo/day/yr 7-1-82**
 Pump test data: Well water was . . . **5.9** . . . ft. after **1.2** . . . hours pumping **50+** . . . gpm
 Est. Yield gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter . . . **5** . . . in. to **4.4** . . . 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:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded
		7 Fiberglass		Threaded

Blank casing diameter **5** . . . in. to **29** . . . 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:

1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	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 . . . **29.9** . . . ft. to . . . **9.9** . . . ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From . . . **29.9** . . . ft. to . . . **3** . . . ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite ~~4 Other~~ Pellet Form
 Grout Intervals: From . . . **3** . . . ft. to . . . **0** . . . 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	off site

Direction from well? **Refer to Map of Milliken Refinery Site** How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	4.5	Dark Brown Silty/Sandy Clay			Note: Test hole caved back to 5.0'. Pad was installed around well
4.5	16.0	Light Brown/ Tan Silty Sand			
16.0	35.0	Arkosic Medium - Coarse Sand & Gravel Gravel			
35.0	46.0	Arkosic Gravel			
46.0	51.0	Reddish - Brown Weathered Shale Hard Drilling (Hollenberg)			
					*Top Inside Casing

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) **6-18-82** 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
T
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SEC.
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SW