

1 LOCATION OF WATER WELL: County: <b>Shawnee</b>	Fraction <b>NE 1/4 NE 1/4 NE 1/4</b>	Section Number <b>9</b>	Township Number <b>T 12 S</b>	Range Number <b>R 15 E</b>
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Distance and direction from nearest town or city street address of well if located within city?  
**21st & Fairlawn Topeka, Kansas**

2 WATER WELL OWNER: **Amoco Oil Company**  
 RR#, St. Address, Box #: **8700 Indian Creek Parkway** Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: **Overland Park, Kansas 66210** Application Number:

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

4 DEPTH OF COMPLETED WELL: **32.5** ft. ELEVATION: **968.45**

Depth(s) Groundwater Encountered 1. **17.84** ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.

WELL'S STATIC WATER LEVEL: **19.30** ft. below land surface measured on mo/day/yr **7/17/90**

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: **6** in. to **32.5** 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		10 <u>Monitoring well</u>

12 Other (Specify below) \_\_\_\_\_

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:

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

Blank casing diameter: **2** in. to **6.0** ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia \_\_\_\_\_ in. to \_\_\_\_\_ ft.

Casing height above land surface: **-.24** ft. ~~XX~~ weight \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. **SCH. 40**

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	7 PVC	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	8 RMP (SR)	11 Other (specify) _____
			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 **6** ft. to **32.5** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

GRAVEL PACK INTERVALS: From **5** ft. to **32.5** ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other \_\_\_\_\_

Grout Intervals: From **0** ft. to **3** ft., From **3** ft. to **5** 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	

Direction from well? **E** How many feet? **140**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	0.6	Asphalt 4" Gravel 2"			sand), dry with trace muscovite
0.6	7.0	Fill, with silty lean clay, firm, dry, trace gravel, fill becoming olive gray, blocky at 2.5 ft. rubble fill becoming abundant at 3.5 ft., trace of brick at 5.5 ft.	17.1	17.3	Shale lens
			22.1	22.2	Shale lens
			23.5	27.3	Sandstone becoming saturated
			27.3	27.8	Shale lens, sandstone becoming gray, very competent at 31.5 ft.
7.0	10.0	Lean Clay, very silty, olive gray firm, dry, blocky with trace fine sand	33.0		Shale lens gray, laminated at 32.0 to 32.3 ft. Bottom of boring
10.0	12.5	Sandstone, highly weathered, olive brown, (very fine to fine grained, angular to subangular sand, 25% silt, 20% clay);			
12.5	22.1	sandstone, competent, reddish brown (fine grained, angular to subangular			

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) **7/10/90** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **416** This Water Well Record was completed on (mo/day/yr) **8-22-90** under the business name of **Terracon** by (signature) *W. J. Semley*