

1 LOCATION OF WATER WELL: County: Shawnee	Fraction NE 1/4 NE 1/4 NE 1/4	Section Number 9	Township Number T 12 S	Range Number R 15 E/W
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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	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box # : 8700 Indian Creek Parkway	Application Number:
City, State, ZIP Code : Overland Park, Kansas 66210	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL: 27.5 ft. ELEVATION: 969.85
	Depth(s) Groundwater Encountered 1. 19.84 ft. 2. _____ ft. 3. _____ ft.
	WELL'S STATIC WATER LEVEL 16.86 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 28.0 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 <u>Monitoring well</u>
	Was a chemical/bacteriological sample submitted to Department? Yes _____ No <input checked="" type="checkbox"/> If yes, mo/day/yr sample was submitted _____
	Water Well Disinfected? Yes _____ No <input checked="" type="checkbox"/>

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 2 in. to 5 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.			
Casing height above land surface -.35 ft. xxx weight _____ lbs./ft. Wall thickness or gauge No. SCH. 40			
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC	10 Asbestos-cement	
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
			11 Other (specify) _____
			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 ft. to 27.5 ft. From _____ ft. to _____ ft.			
GRAVEL PACK INTERVALS: From 4 ft. to 28 ft. From _____ ft. to _____ ft.			

6 GROUT MATERIAL:	1 Neat cement	2 <u>Cement grout</u>	3 <u>Bentonite</u>	4 Other _____
Grout Intervals: From 0 ft. to 2 ft., From 2 ft. to 4 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 <u>Fuel storage</u>	15 Oil well/Gas well
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer storage	16 Other (specify below)
Direction from well? SW			13 Insecticide storage	
			How many feet? 210	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0.0	0.8	Asphalt 4", Sand 4"			
0.8	4.0	Lean clay, silty, dark gray to brown, firm, dry clay becoming olive gray to red brown mottled, blocky, sand content increasing at 3.5 ft.			
4.0	12.1	Sandstone, competent, reddish brown with trace olive gray, (fine grained, angular to subangular sand, trace muscovite) Shale lens at 14.5 to 14.7 ft. grain size increasing at 18.0 ft.			
12.1	26.0	Shale lens at 23.5 to 23.7 ft.			
26.0	28.0	Shale, sandy gray laminated, very competent, trace muscovite			
28.0		Bottom of boring			

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) <i>[Signature]</i>
