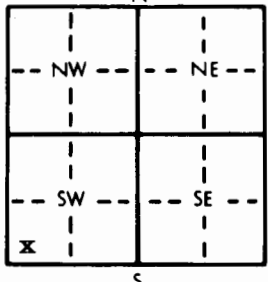


1 LOCATION OF WATER WELL: Fraction **SW 1/4 SW 1/4 SW 1/4** Section Number **20** Township Number **T 11 S** Range Number **R 16** **(EAW)**  
 County: **Shawnee**

Distance and direction from nearest town or city street address of well if located within city?  
**3000 North Topeka Boulevard - Topeka, Kansas**

2 WATER WELL OWNER: **Amoco Oil Company**  
 RR#, St. Address, Box #: **8700 Indian Creek Parkway, Suite 100** 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: **40.0** ft. ELEVATION:  
 Depth(s) Groundwater Encountered 1. **Dry** ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL **36.63** ft. below land surface measured on mo/day/yr **10/24/89**  
 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 **40** 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 Monitoring well  
 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 **X**  
 Blank casing diameter **2** in. to **4.5** ft., Dia in. to ft., Dia in. to ft.  
 Casing height above land surface **-0.32'** in., weight lbs./ft. Wall thickness or gauge No. **SCH 40**

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 11 Other (specify)  
 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 **4.5** ft. to **39.5** ft., From ft. to ft.  
 From ft. to ft., From ft. to ft.  
 GRAVEL PACK INTERVALS: From **3.0** ft. to **40.0** ft., From ft. to ft.  
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other  
 Grout Intervals: From **0.0** ft. to **1.0** ft., From **1.0** ft. to **3.0** 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? **Southeast** How many feet? **60**

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0.0	0.4	Asphalt			
0.4	0.7	Gravel	7.5	15.0	Lean Clay, Dark Reddish Brown, Moist
0.7	2.5	Lean to Fat Clay, Reddish Brown, with Sand	15.0	25.0	Clayey Silt, Reddish Brown, Moist
2.5	3.0	Lean to Fat Clay, Mottled Dark Gray and Gray Moist with Trace of Sand	25.0	32.0	Clayey Silt, Olive Gray, Dry with Trace of Sand
3.0	6.5	Lean to Fat Clay, Brown, Moist	32.0	37.0	Shale, Olive Gray, Highly Weathered with Trace of Sand
6.5	7.5	Lean to Fat Clay, Dark Gray, Moist	37.0	40.0	Shale, Gray, Sandy Fissel

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) **10/12/89** 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) **11/2/89**  
 under the business name of **Terracon Consultants** by (signature) *[Signature]*