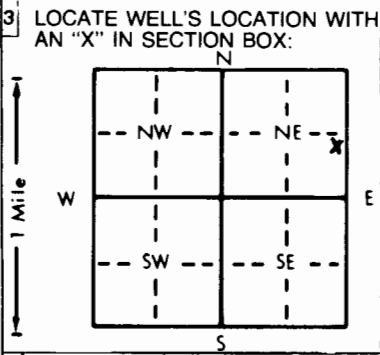


1 LOCATION OF WATER WELL: Fraction NE 1/4 SE 1/4 NE 1/4 Section Number 28 Township Number T 13 S Range Number R 18 EW
 County: ELLIS

Distance and direction from nearest town or city street address of well if located within city?
AMOCO #9667 I-70 + US 183 HAYS KS

2 WATER WELL OWNER: LAW ENVIRONMENTAL MW-9
 RR#, St. Address, Box #: 10220 N. EXECUTIVE HILLS SUITE 400 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: KANSAS CITY MO 64153 Application Number:



4 DEPTH OF COMPLETED WELL: 48 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 20.5 ft. 2. 44.5 ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL 23.6 ft. below land surface measured on mo/day/yr 7-6-90
 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: 10 in. to 44 ft., and 3 7/8 in. to 48.5 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 VERTICIE EXTENT
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No ; If yes, mo/day/yr sample was submitted
 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 _____ Clamped _____
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded TITAN
 Blank casing diameter 4 in. to 44 ft., Dia 2 in. to 48 ft., Dia _____ in. to _____ ft.
 Casing height above land surface 0 in., weight _____ lbs./ft. Wall thickness or gauge No. 40
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 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:
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 45 ft. to 48 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 44 ft. to 48 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout Bentonite 4 Other
 Grout Intervals: From 1.5 ft. to 44 ft., From 1.5 ft. to 43 ft., From 43 ft. to 44 ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below)
 Direction from well? NE How many feet? 30

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<u>0</u>	<u>8</u>	<u>DRK BROWNISH GREY silty CLAY</u>	<u>0</u>	<u>1.5</u>	
		<u>W COARSE SAND TO FINE SAND</u>	<u>1.5</u>	<u>44</u>	<u>BENT. GR. 4" CASING SEAL</u>
<u>8</u>	<u>10</u>	<u>BRN silty CLAYEY COARSE SAND</u>	<u>1.5</u>	<u>43</u>	<u>BENT. GR 2" CASING INSIDE 4"</u>
<u>10</u>	<u>14</u>	<u>DRK BRN TO GREY SANDY silty CLAY</u>	<u>43</u>	<u>44</u>	<u>BENT CHIPS</u>
		<u>CaCO3 PEBBLES DRY - MOIST</u>			
<u>14</u>	<u>20</u>	<u>GREENISH GREY/DRK GREY MOTTLED</u>			
		<u>Silty CLAY MOIST</u>			
<u>20</u>	<u>30</u>	<u>TANNISH BRN silty CLAY, SAT.</u>			
		<u>SMALL SAND (FINE) STREAMERS</u>			
<u>30</u>	<u>36</u>	<u>TAN-BRN SANDY SILT, SAT</u>			
<u>36</u>	<u>40</u>	<u>BLACK FISSILE SHALE DRY</u>			
<u>40</u>	<u>44.5</u>	<u>DRANGISH BRN MOTTLED SHALE</u>			
		<u>FISSILE DCY</u>			
<u>44.5</u>	<u>48</u>	<u>L.S. WET</u>			

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) 7-4-90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 530 This Water Well Record was completed on (mo/day/yr) 7-25-90 under the business name of SHAMROCK ENV. DRILL. INC by (signature) Clay G. Nye