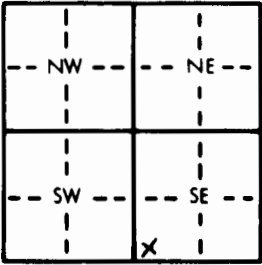


1 LOCATION OF WATER WELL: Fraction ~~SW 1/4~~ Section Number 11 Township Number T 12 S Range Number R 15 E
 County: Shawnee

Distance and direction from nearest town or city street address of well if located within city?
3072 West 29th street Topeka, Kansas

2 WATER WELL OWNER: Total Petroleum
 RR#, St. Address, Box #: 1019 Burlington
 City, State, ZIP Code: North Kansas City, Mo 64113
 Board of Agriculture, Division of Water Resources
 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 24.5 ft. ELEVATION: 98.5
 Depth(s) Groundwater Encountered 1. None ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL dry ft. below land surface measured on mo/day/yr
 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: 4 1/2 in. to 26.3 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 0 Observation 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

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 14.1 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface -1 in., weight lbs./ft. Wall thickness or gauge No. schedule 40
 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 11 Other (specify)
 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 24.1 ft. to 14.1 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 24.5 ft. to 11.0 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL Y 1 Neat cement 2 Cement grout 3 Bentonite 4 Other concrete
 Grout Intervals: From 2.5 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
 Direction from well? SW How many feet? 120 ±

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	5.0	fill: brown silty clay - trace	yellow gravel		dk brown silty clay
5.0	15.0	brown silty clay moist			
15.0	21.0	lt. yellow brown to olive brown			shaley clay - moist
21.0	26.3	lt grey shale - slightly moist			
	26.3	Auger Refusal to soil bit			

* Grouting interval waived due to monitoring requirements
 Conversation w/ Mr. Armour 5-20-88
 DT

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) 5/2/88 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 438 This Water Well Record was completed on (mo/day/yr) 5/10/88
 under the business name of Kansas City Testing Lab by (signature) Richard C Leeds

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, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY

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EW

SEC

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