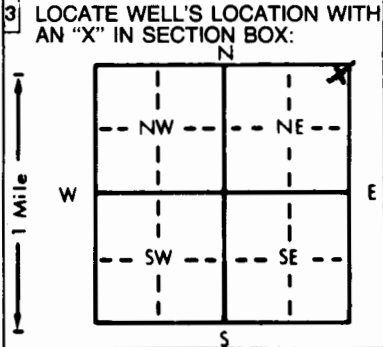


MW-5

1 LOCATION OF WATER WELL: County: Harvey Fraction: NE 1/4 NE 1/4 NE 1/4 Section Number: 20 Township Number: T 23 S Range Number: R 1 E/W

Distance and direction from nearest town or city street address of well if located within city?
1st Street and Kansas Street

2 WATER WELL OWNER: Fina Oil and Chemical, Co.
 RR#, St. Address, Box # :
 City, State, ZIP Code :
 Board of Agriculture, Division of Water Resources
 Application Number:



4 DEPTH OF COMPLETED WELL: 19.0 ft. ELEVATION:
 Depth(s) Groundwater Encountered: 1. Dry ft. 2. . ft. 3. . ft.
 WELL'S STATIC WATER LEVEL: 0.77 ft. below land surface measured on mo/day/yr 2/25/89
 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: 7.25 in. to 19.0 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 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 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 .
2 PVC 4 ABS 7 Fiberglass . Threaded X
 Blank casing diameter: 3.54 in. to 9.0 ft., Dia . in. to . ft., Dia . in. to . ft.
 Casing height above land surface: 20 in., weight 2.0 lbs./ft. Wall thickness or gauge No. 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 9.0 ft. to 19.0 ft., From . ft. to . ft.
 From . ft. to . ft., From . ft. to . ft.
 GRAVEL PACK INTERVALS: From 6.0 ft. to 19.0 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 4.0 ft. to 7.0 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 (former) 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage 70
 Direction from well? West How many feet? 70

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
<u>0</u>	<u>18.0</u>	<u>CLAY: Brown to Gray-green</u>			
<u>18.0</u>	<u>19.0</u>	<u>SHALE: Dark gray-olive</u>			

Note: Casing height and grout interval do not meet Kansas guidelines

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) 2/21/89 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 4916 This Water Well Record was completed on (mo/day/yr) 3/16/89 under the business name of Groundwater Technology, Inc. by (signature) David Carus