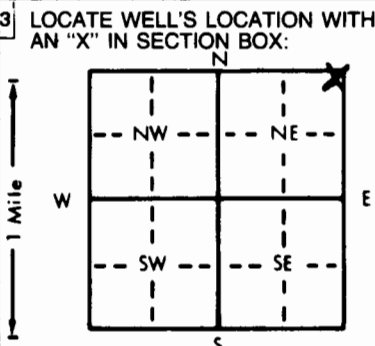


1 LOCATION OF WATER WELL: County: Hartney Fraction: NE 1/4 NE 1/4 NE 1/4 Section Number: 20 Township Number: T 23 S Range Number: R 1 E/W

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 #: Board of Agriculture, Division of Water Resources City, State, ZIP Code: Application Number:



3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 19.0 ft. ELEVATION: Depth(s) Groundwater Encountered: 1.0 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL: 8.91 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 7 Fiberglass Threaded X Blank casing diameter: 4.0 in. to ft., Dia. in. to ft., Dia. in. to ft. Casing height above land surface: 2.0 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 10 Other (specify) 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 9.0 ft. to 19.0 ft., From ft. to ft. GRAVEL PACK INTERVALS: 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 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? West How many feet? 30

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
<u>0</u>	<u>18.0</u>	<u>CLAY: 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. 296 This Water Well Record was completed on (mo/day/yr) 3/16/89 under the business name of Groundwater Technology, Inc. by (signature) Oberlin