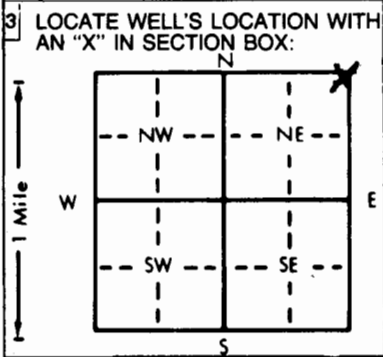


MW-3

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 & 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: 22.0 ft. ELEVATION: \_\_\_\_\_  
 Depth(s) Groundwater Encountered: 9.32 ft. dry ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL: 9.32 ft. below land surface measured on mo/day/yr: 2/21/09  
 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 \_\_\_\_\_ 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 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 \_\_\_\_\_  
 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 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 12.0 ft. to 22.0 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 10.0 ft. to 22.0 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 3.0 ft. to 10.0 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 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? East How many feet? 30

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
<del>0</del> 0	<del>10.0</del> 21.0	CLAY: Light gray			
4.0	22.0	SHALE: Dark gray-olive			

Note: Casing height and grout intervals do not meet Kansas guidelines.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was 0 (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 2/18/09 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 496 This Water Well Record was completed on (mo/day/yr) 3/16/09 under the business name of Groundwater Technology, Inc. by (signature) David James