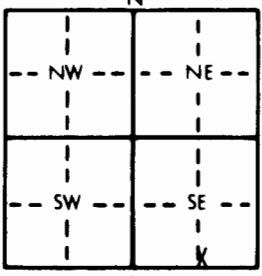


1 LOCATION OF WATER WELL: Fraction SW 1/4 SE 1/4 SE 1/4 Section Number 19 Township Number T 12 S Range Number R 4 **EW**
 County: DICKINSON
 Distance and direction from nearest town or city street address of well if located within city?
 3/4 MI. N. CHAPMAN, KS. 8

2 WATER WELL OWNER: FINA OIL CO.
 RR#, St. Address, Box # : BOX 471245 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : TULSA, OK. Application Number:

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

 4 DEPTH OF COMPLETED WELL: 19.0 ft. ELEVATION: 1120.00' FEET
 Depth(s) Groundwater Encountered 1. 9.3 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL 9.3 ft. below land surface measured on mo/day/yr 11-5-87
 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 1/4 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 Observation well
 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
 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter 2.0 in. to 19.0 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface 6.4 in., weight .70 lbs./ft. Wall thickness or gauge No.
 TYPE OF SCREEN OR PERFORATION MATERIAL: PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 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 9.0 ft. to 19.0 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 7.0 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 Other VOLCLAY
 Grout Intervals: From SURFACE ft. to 5.0 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 6 Other (specify below)
 13 Insecticide storage GAS TANKS
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		GROUT VARIANCE GRANTED BY DARYL PLUMMER ON 10-14-87			
		SEE LOG			
0.0	2.0	Fill			
2.0	2.5	Sand fill			
2.5	5.5	Clay-silty, sandy, black			
5.5	6.5	Clay-silty, yellow-gray			
6.5	7.0	Clay-silty, some gravel, tan			
7.0	7.5	Clay-silty, black			
7.5	14.0	Clay-silty, lt brown, moist			
14.0	17.0	Clay-very silty, brown, saturated			
17.0	19.0	Clay-silty, thin silty clay layers			
19.0	19.0	Clay-BOH			

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) 10-30-87 and this record is true to the best of my knowledge and belief. Kansas
 Water Well Contractor's License No. 415 This Water Well Record was completed on (mo/day/yr) 11-19-87
 under the business name of DANIELS DRILLING CO. by (signature)

OFFICE USE ONLY
T
R
EW
SEC.