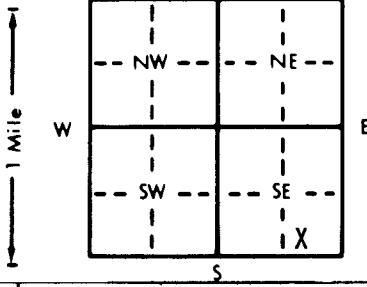


1 LOCATION OF WATER WELL: County: Dickinson Fraction SW 1/4 SE 1/4 SE 1/4 Section Number 19 Township Number T 12 S Range Number R 4 **EAW**

Distance and direction from nearest town or city street address of well if located within city? 3/4 mile North of Chapman, KS 23

2 WATER WELL OWNER: Fina Oil Co. RR#, St. Address, Box #: Box 471245 City, State, ZIP Code: Tulsa, OK 74147 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: 24.0 ft. ELEVATION: 1120.0 ft.



Depth(s) Groundwater Encountered 1. 19.0 ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL 19.0 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 7 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 **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 2 in. to 24.0 ft., Dia in. to ft., Dia in. to ft.  
 Casing height above land surface 6 in., weight 70 lbs./ft. Wall thickness or gauge No.

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 8.5 ft. to 24 ft., From ft. to ft.  
 From ft. to ft., From ft. to ft.  
 GRAVEL PACK INTERVALS: From 6 ft. to 24 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 Volclay  
 Grout Intervals: From 1 ft. to 6 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 **Underground**

Direction from well? How many feet? SE 160'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0	2.0	Clay-silty, sandy, dk brown			
2.0	9.0	Sand-fine to med, silty, brown			
9.0	10.0	Clay-silty			
10.0	11.0	Limestone-weathered, lt brown, tripolitic			
11.0	17.0	Limestone-dense, lt gray, shale partings			
17.0	24.0	Limestone-porous, softer, moist			
	24.0	Limestone-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) 11-30-87 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) 12-28-87 under the business name of Daniels Drilling Co. by (signature)