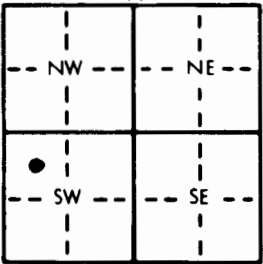


1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 SW 1/4 Section Number 29 Township Number T 24 S Range Number R 4 EW  
 County: Butler  
 Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: Total Petroleum  
 RR#, St. Address, Box #: 70 BOX 857  
 City, State, ZIP Code: Ark City, KS 67005  
 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: 38.5 ft. ELEVATION: 1338.9  
 Depth(s) Groundwater Encountered 1. 15 ft. 2. ft. 3. ft.  
 WELL'S STATIC WATER LEVEL 15 ft. below land surface measured on mo/day/yr 8-2-90  
 Pump test data: Well water was ft. after hours pumping gpm  
 Est. Yield .75 gpm Well water was ft. after hours pumping gpm  
 Bore Hole Diameter 8 in. to 38.5 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 Monitoring well  
 Was a chemical/bacteriological sample submitted to Department? 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  
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded  
 7 Fiberglass Threaded  
 Blank casing diameter 4 in. to 38.5 ft., Dia. in. to ft., Dia. in. to ft.  
 Casing height above land surface 3.38 in., weight Sched 40 PVC lbs./ft. Wall thickness or gauge No.  
 TYPE OF SCREEN OR PERFORATION MATERIAL: 7 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: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes  
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)  
 SCREEN-PERFORATED INTERVALS: From 15.31 ft. to 34.78 ft., From ft. to ft.  
 From ft. to ft., From ft. to ft.  
 GRAVEL PACK INTERVALS: From 14.33 ft. to 38.5 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 6 ft. to 10.5 ft., From 10.5 ft. to 14.33 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? How many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	Clay, Red			
5	6.5	Clay, Red Brown			
6.5	11.5	Limestone, Gray			
11.5	14	Shale, Tan			
14	16.5	Shale, Tan-yellow			
16.5	17.5	Shale, Tan-yellow			
17.5	21.5	Shale Blue			
21.5	23	Shale-Green			
23	25	Shale-Orangeish			
25	29	Shale-Green			
29	31.5	Limestone/Shale-Grey-Green			
31.5	34	Limestone/Shale-Blue-Green			
34	37.5	Shale-Green			
37.5	38.5	Shale-Red			

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) 8-2-90 and this record is true to the best of my knowledge and belief. Kansas  
 Water Well Contractor's License No. 334 This Water Well Record was completed on (mo/day/yr) 8-2-90  
 under the business name of Ewbank Inc. by (signature) Danny Ewbank