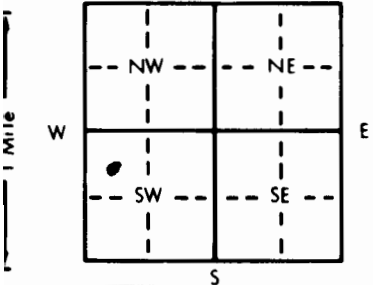


LOCATION OF WATER WELL: County: Butler Fraction: NW 1/4 NW 1/4 SW 1/4 Section Number: 29 Township Number: T 24 S Range Number: R 4 EW

Distance and direction from nearest town or city street address of well if located within city?

WATER WELL OWNER: Total Petroleum
 RR#, St. Address, Box #: P.O. Box 857
 City, State, ZIP Code: Ark City, KS 67005
 Board of Agriculture, Division of Water Resources
 Application Number:

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: DEPTH OF COMPLETED WELL: 31 ft. ELEVATION: 1332.4
 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 8-1-90
 Pump test data: Well water was . ft. after . hours pumping . gpm
 Est. Yield . 5 gpm: Well water was . ft. after . hours pumping . gpm
 Bore Hole Diameter: 7 7/8 in. to 31 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



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 15.72 ft., Dia. . in. to . ft., Dia. . in. to . ft.
 Casing height above land surface: 1.44 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 15.72 ft. to 30.3 ft., From . ft. to . ft.
 From . ft. to . ft., From . ft. to . ft.
 GRAVEL PACK INTERVALS: From 14.25 ft. to 31 ft., From . ft. to . ft.
 From . ft. to . ft., From . ft. to . ft.

GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From 0 ft. to 12 ft., From 12 ft. to 14.25 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? How many feet? 100

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Topsoil - Brown			
1	2.5	Clay - Red			
2.5	5.0	Clay - Light Red			#61C
5.0	7.5	Clay - Brown			
7.5	13	Clay - Red			
13	15	Limestone - Yellow			
15	19	Shale - Tan			
19	22.5	Shale - Tan			
22.5	24	Shale - Gray			
24	26	Shale - Green			
26	29	Shale - Green - Maroon			
29	31	Shale - Red			

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) 8-1-90 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