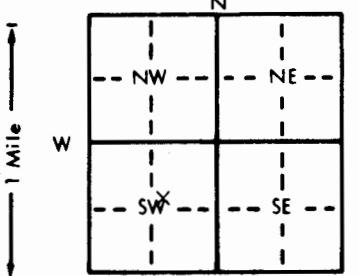


1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: Cowley		SW 1/4 NE 1/4 SW 1/4		32		T 34 S		R 4	
Distance and direction from nearest town or city street address of well if located within city?									
Southeast corner of Arkansas City - Well #44									
2 WATER WELL OWNER: Total Petroleum Company									
RR#, St. Address, Box #: P. O. Box 857									
City, State, ZIP Code: Arkansas City, Kansas 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: 37.0 ft. ELEVATION: n/a				
					Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.				
					WELL'S STATIC WATER LEVEL 14.23 ft. below land surface measured on mo/day/yr 3/1/83				
					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 6.0 in. to 37.0 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 X No				
5 TYPE OF BLANK CASING USED:									
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped									
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded									
7 Fiberglass Threaded									
Blank casing diameter 2.0 in. to 10.0 ft. Dia 2.0 in. Dia 20-34.0 ft. Dia									
Casing height above land surface 36.0 in. weight lbs./ft. Wall thickness or gauge No. 40 Schedule									
TYPE OF SCREEN OR PERFORATION MATERIAL:									
1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement									
2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)									
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 37.0 ft. to 34.0 ft. From 20.0 ft. to 10.0 ft.									
GRAVEL PACK INTERVALS: From 37.0 ft. to 10.0 ft. From ft. to ft.									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other									
Grout Intervals: From 10.0 ft. to 0.0 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 16 Other (specify below)									
13 Insecticide storage Refinery									
Direction from well? All How many feet? 0.0									
FROM TO LITHOLOGIC LOG FROM TO LITHOLOGIC LOG									
0.0 4.0" Vegetation									
4.0" 2.5' Brown Silt, Trace Sand									
2.5 4.0 Dark Brown Clayey Silt									
4.0 5.0 Gray Silt, Trace Clay									
5.0 7.0 Gray Fine to Medium Sand									
7.0 15.0 Gray Fine to Medium Sand, Some Gravel									
15.0 21.0 Gray Fine to Coarse Sand									
21.0 24.0 Gray Fine to Medium Sand with Clay Layers									
24.0 26.0 Gray Medium to Coarse Sand									
26.0 29.0 Gray Coarse Sand									
29.0 35.5 Gray Medium Sand									
35.5 40.0 Gray Clayey Gravel, Brown Rock									
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) 1/18/83 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 416A This Water Well Record was completed on (mo/day/yr) 4/25/83 under the business name of Terracon Consultants, Inc. by (signature) [Signature]									
INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.									