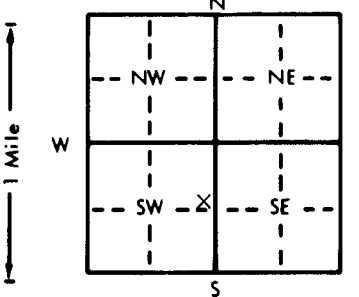


1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: Cowley		SE 1/4 NE 1/4 SW 1/4	32	T 34 S	R 4 <b>EW</b>
Distance and direction from nearest town or city street address of well if located within city? Southeast corner of Arkansas City, Kansas - Well #39					
2 WATER WELL OWNER: Total Petroleum Company					
RR#, St. Address, Box # : P. O. Box 857 Board of Agriculture, Division of Water Resources					
City, State, ZIP Code : Arkansas City, Kansas 67005 Application Number:					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 25.0 ft. ELEVATION: n/a			
		Depth(s) Groundwater Encountered 1. 14.0 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 12.0 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 6.0 in. to 25.0 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 <b>10 Observation well</b> Was a chemical/bacteriological sample submitted to Department? Yes No <b>X</b> ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes <b>X</b> No			
5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued <b>X</b> Clamped 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded <b>2 PVC</b> 4 ABS 7 Fiberglass Threaded Blank casing diameter 2.0 in. to 10.0 ft. Dia. in. to ft. Dia. in. to ft. Casing height above land surface 34.0 in. weight lbs./ft. Wall thickness or gauge No. 40. Schedule TYPE OF SCREEN OR PERFORATION MATERIAL: <b>7 PVC</b> 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 <b>3 Mill slot</b> 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) SCREEN-PERFORATED INTERVALS: From 25.0 ft. to 10.0 ft. From ft. to ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 25.0 ft. to 8.0 ft. From ft. to ft. From ft. to ft. From ft. to ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout <b>3 Bentonite</b> 4 Other Grout intervals: From 8.0 ft. to 0.0 ft. From ft. to ft. From ft. to ft. What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage <b>16 Other</b> (specify below) 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Refinery Direction from well? All How many feet? 0.0					
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0	2.0"	Vegetation			
2.0"	3.5'	Dark Brown Clayey Silt	02		
3.5	5.0	Gray Brown Clayey Silt	02		
5.0	9.5	Gray Fine Sand, Trace Gravel	07		
9.5	12.5	Gray Fine to Coarse Sand	08		
12.5	14.0	Gray Fine to Coarse Sand, Oil Saturated	08		
14.0	15.0	Brown Fine to Coarse Sand	08		
15.0	17.0	Gray Brown Fine to Coarse Sand	68		
17.0	23.0	Gray Brown Fine Silty Sand with Gravel	07		
23.0	25.0	Gray Fine Sand	07		
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <b>(1) constructed</b> (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.					