

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 EW

Distance and direction from nearest town or city street address of well if located within city?
 Southwest corner of Arkansas City - Well #42

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. 15.0 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 14.75 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 26.0 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 Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter 2.0 in. to 11.0 ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface 36.0 in., weight lbs./ft. Wall thickness or gauge No.
 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)
 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 26.0 ft. to 11.0 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 26.0 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 3 Bentonite 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:
 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) 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"	1.0'	Brown Silty Fine Sand	06		
1.0	4.0	Dark Brown Clayey Silt	02		
4.0	6.0	Brown Silt, Trace Clay	02		
6.0	7.5	Light Brown Silty Fine Sand	07		
7.5	9.5	Gray Clayey Silt	02		
9.5	15.0	Gray Fine Sand	07		
15.0	17.0	Brown Fine Sand, Trace Gravel	07		
17.0	18.0	Brown Fine to Coarse Sand	08		
18.0	25.0	Gray Fine to Coarse Sand & Gravel	08		

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

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.

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