

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 EW

Distance and direction from nearest town or city street address of well if located within city?
 Southeast corner of Arkansas City - Well #46

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. ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL: 13.43 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 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
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 10.0 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. 40 Schedule

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	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 25.0 ft. to 10.0 ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 25.0 ft. to 8.0 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)
			13 Insecticide storage	Refinery

Direction from well? All How many feet? 0.0

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0	1.5	Gray Brown Clayey Sand	04		
1.5	3.0	Dark Gray Brown Clayey Silt, Trace Fine Sand	03		
3.0	6.0	Gray Fine Sand	07		
6.0	8.0	Gray Clayey Silt, Trace Fine Sand	03		
8.0	10.5	Gray Clayey Silty Fine Sand	06		
10.5	15.0	Gray Fine Sand with Gaseous Odor	07		
15.0	17.0	Gray Medium to Coarse Sand	08		
17.0	18.0	Gray Medium to Coarse Sand, Trace Gravel	08		
18.0	19.5	Gray Medium to Coarse Sand, Trace Gravel with 2" Clay Seam at 18.0'	08		
19.5	23.0	Gray Coarse Sand & Gravel	17		
23.0	24.0	Gray Fine to Medium Sand	07		
24.0	25.0	Gray Medium to Coarse Sand with 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) 1/20/83 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.

OFFICE USE ONLY

T

34

R

4

EW

SEC.

32

SW 1/4

NE 1/4

SW 1/4