

1 LOCATION OF WATER WELL: County: Cowley Fraction: C-N/2 1/4 SE 1/4 SW 1/4 Section Number: 32 Township Number: T 34 S Range Number: R 4 EW

Distance and direction from nearest town or city street address of well if located within city? RW-50

2 WATER WELL OWNER: Total Petroleum
 RR#, St. Address, Box #: 1400 S. M Street
 City, State, ZIP Code: Arkansas City, KS
 Board of Agriculture, Division of Water Resources
 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

N

NW	NE
SW	SE

S

4 DEPTH OF COMPLETED WELL: 50.5 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.

WELL'S STATIC WATER LEVEL: 24' 1" ft. below land surface measured on mo/day/yr 9/13/95

Pump test data: Well water was 26' 2.5" ft. after 6 hours pumping 60 gpm

Est. Yield _____ gpm Well water was _____ ft. after _____ hours pumping _____ gpm

Bore Hole Diameter: 18 in. to 50.5 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 Monitoring well

Was a chemical/bacteriological sample submitted to Department? Yes _____ No _____ 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: 8 in. to 20 ft., Dia: 8 in. to 29-34 ft., Dia: 8 in. to 46.5-50.5 ft.

Casing height above land surface: 24 in., weight: 28.55 lbs./ft. Wall thickness or gauge No. Sch 40

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 <u>20</u> ft. to <u>34</u> ft.	From <u>29</u> ft. to <u>46.5</u> ft.
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GRAVEL PACK INTERVALS:

From <u>17</u> ft. to <u>50.5</u> ft.	From _____ ft. to _____ ft.
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6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From 0 ft. to 15 ft. From 15 ft. to 17 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	

Direction from well? Within refining

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
<u>0</u>	<u>15</u>	<u>Silty clay</u>			
<u>15</u>	<u>51</u>	<u>Sand</u>			
<u>51</u>	<u>52</u>	<u>Shale</u>			

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) 9/18/95 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 581. This Water Well Record was completed on (mo/day/yr) 9/20/95 under the business name of Layne, Inc by (signature) Steven R. Mitchell

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, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R EW SEC. 1/4 1/4 1/4