

(COPY)

1 LOCATION OF WATER WELL: Fraction NE 1/4 NW 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? Southeast Section of City Well #22

2 WATER WELL OWNER: Total Petroleum, Inc. 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: [Diagram showing a 2x2 grid with NW, NE, SW, SE quadrants. An 'X' is marked in the SW quadrant.]

4 DEPTH OF COMPLETED WELL: 26.0 ft. ELEVATION: 1039.5

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

WELL'S STATIC WATER LEVEL: 19.0 ft. below land surface measured on mo/day/yr 6-24-81

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: 6-3/4 in. to 27 in. to in. to in. to

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) 6 Asbestos-Cement 9 Other (specify below) CASING JOINTS: Glued X Clamped Welded Threaded

2 PVC 4 ABS 7 Fiberglass

Blank casing diameter: 2 in. to 19.0 ft., Dia. in. to in. to in. to in. to

Casing height above land surface: 36 in., weight 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 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From 10.0 ft. to 14.0 ft., From 19.0 ft. to 27.0 ft.

GRAVEL PACK INTERVALS: From 10.0 ft. to 27.0 ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From 0.0 ft. to 10.0 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

Direction from well? North How many feet? 35

| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
|-------|-------|---|------|----|----------------|
| 0.0' | 0.5' | Brown Silty Clay (Fill) | | | |
| 0.5' | 1.0' | Gravel | | | |
| 1.0' | 5.0' | Dark Brown Silty Clay (Fill) | | | |
| 5.0' | 10.5' | Gray Silty Clay | | | |
| 10.5' | 11.5' | Light Gray Sandy Silt | | | |
| 11.5' | 14.5' | Brown Silty Fine Sand | | | |
| 14.5' | 20.5' | Gray Silty Clay | | | |
| 20.5' | 25.0' | Light Gray Silty Sand | | | |
| 25.0' | 27.0' | Gray Fine to Medium Silty Sand with Gray Silty Clay Zones | | | |

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) 6-24-81 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 416 This Water Well Record was completed on (mo/day/yr) 7-17-81 under the business name of Tarron Consultants 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 Q DW SEC 32 NE 1/4 NW 1/4 SW 1/4