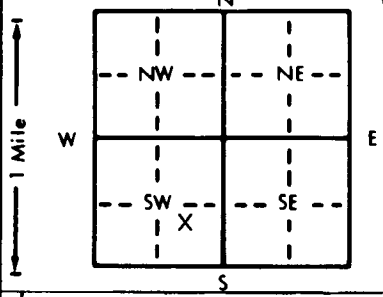


1 LOCATION OF WATER WELL: Fraction SW 1/4 SW 1/4 SW 1/4 Section Number 4 Township Number T 11 S Range Number R 24

Distance and direction from nearest town or city street address of well if located within city?  
7611 State Ave. Kansas City, KS

2 WATER WELL OWNER: Total Petroleum, Inc.  
RR#, St. Address, Box #: 999 18th Street Suite 2201 Board of Agriculture, Division of Water Resources  
City, State, ZIP Code: Denver, Colorado 80202 Application Number: n/a

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



4 DEPTH OF COMPLETED WELL... 44.75 ft. ELEVATION: ...  
Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.  
WELL'S STATIC WATER LEVEL ... 23.80 ft. below land surface measured on mo/day/yr 12/6/91  
Pump test data: Well water was .... ft. after .... hours pumping .... gpm  
Est. Yield ... n/a gpm: Well water was .... ft. after .... hours pumping .... gpm  
Bore Hole Diameter .7,75 in. to .45,25 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 Monitoring well  
Was a chemical/bacteriological sample submitted to Department? Yes.....No..X.....; If yes, mo/day/yr sample was submitted  
Water Well Disinfected? Yes No X

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ..... Clamped .....  
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded .....  
2 PVC 4 ABS 7 Fiberglass ..... Threaded .....  
Blank casing diameter 2.0 in. to .... ft., Dia ..... in. to .... ft., Dia ..... in. to .... ft.  
Casing height XXX and surface XXX 6" in., weight n/a lbs./ft. Wall thickness or gauge No. 40 gauge  
TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 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 3 Mill slot .010 6 Wire wrapped 9 Drilled holes  
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) .....  
SCREEN-PERFORATED INTERVALS: From 30.15 ft. to 44.55 ft., From ..... ft. to ..... ft.  
GRAVEL PACK INTERVALS: From 26.50 ft. to 45.25 ft., From ..... ft. to ..... ft.  
Bentonite interval From 24.00 ft. to 26.50 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 24.00 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
What is the nearest source of possible contamination: n/a 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 16 Other (specify below)  
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage

Direction from well? How many feet?

| FROM | TO   | LITHOLOGIC LOG                                                                              | FROM | TO | PLUGGING INTERVALS |
|------|------|---------------------------------------------------------------------------------------------|------|----|--------------------|
| 0.0  | 4"   | Asphalt                                                                                     |      |    |                    |
| 4"   | 5.0' | Silty clay, gray, very stiff, low plasticity, sl. moist, w/some gravel and fractures (fill) |      |    |                    |
| 5.0  | 6.0  | Gravelly clay, brown, v. stiff, low plasticity, dry (fill)                                  |      |    |                    |
| 6.0  | 10.0 | Silty clay, brown, sl. stiff, low plasticity, dry (fill)                                    |      |    |                    |
| 10.0 | 19.0 | SAA - Light gray with fractures (fill)                                                      |      |    |                    |
| 19.0 | 25.0 | Silty clay brown, stiff, low plasticity, sl. moist, w/vertical fractures (fill)             |      |    |                    |
| 25.0 | 27.0 | Silty clay, brown, stiff, low plasticity, w/some gravel (till)                              |      |    |                    |
| 27.0 | 32.0 | Till - SAA with some root vesicles                                                          |      |    |                    |
| 32.0 | 37.5 | SAA - moist                                                                                 |      |    |                    |
| 37.5 | 40.0 | SAA - wet                                                                                   |      |    |                    |
| 40.0 | 48.0 | SAA - wet                                                                                   |      |    |                    |

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) 12/6/91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 468 This Water Well Record was completed on (mo/day/yr) 12/10/91 under the business name of J & R Drilling Services, Inc. by (signature) Ray Coors