

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                                                                                                                                  |                |                 |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|-------------------------|
| 1 LOCATION OF WATER WELL:                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    | Fraction                                                                                                                         | Section Number | Township Number | Range Number            |
| County: <u>WYANDOTTE</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    | <u>NE 1/4 NW 1/4 NW 1/4</u>                                                                                                      | <u>9</u>       | T <u>11</u> S   | R <u>24</u> <u>EW</u>   |
| Distance and direction from nearest town or city street address of well if located within city?<br><u>7667 State Avenue Kansas City, KS</u>                                                                                                                                                                                                                                                                                                                                              |    |                                                                                                                                  |                |                 |                         |
| 2 WATER WELL OWNER: <u>Total Petroleum, Inc.</u>                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                                                                                                                  |                |                 |                         |
| RR#, St. Address, Box #: <u>5590 HAVANA Street</u>                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                  |                |                 |                         |
| City, State, ZIP Code: <u>Denver CO 80239</u>                                                                                                                                                                                                                                                                                                                                                                                                                                            |    |                                                                                                                                  |                |                 |                         |
| Board of Agriculture, Division of Water Resources<br>Application Number:                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                                                                                                                                  |                |                 |                         |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:                                                                                                                                                                                                                                                                                                                                                                                                                                     |    | 4 DEPTH OF COMPLETED WELL: <u>31</u> ft. ELEVATION:                                                                              |                |                 |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | Depth(s) Groundwater Encountered <u>1</u> <u>30</u> ft. 2. ft. 3. ft.                                                            |                |                 |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | WELL'S STATIC WATER LEVEL <u>80</u> ft. below land surface measured on mo/day/yr <u>6/28/97</u>                                  |                |                 |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | 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 <u>8</u> in. to 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 <u>10</u> Monitoring well <u>MW-11</u>                                          |                |                 |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | Was a chemical/bacteriological sample submitted to Department? Yes <u>X</u> No <u>X</u> ; If yes, mo/day/yr sample was submitted |                |                 |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    | Water Well Disinfected? Yes No <u>X</u>                                                                                          |                |                 |                         |
| 5 TYPE OF BLANK CASING USED:                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                                                                                                                                  |                |                 |                         |
| 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped                                                                                                                                                                                                                                                                                                                                                                                                           |    |                                                                                                                                  |                |                 |                         |
| <u>3</u> PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded                                                                                                                                                                                                                                                                                                                                                                                                                      |    |                                                                                                                                  |                |                 |                         |
| 7 Fiberglass threaded <u>Flush</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                  |                |                 |                         |
| Blank casing diameter <u>2</u> in. to <u>15</u> ft. Dia. in. to ft. Dia. in. to ft.                                                                                                                                                                                                                                                                                                                                                                                                      |    |                                                                                                                                  |                |                 |                         |
| Casing height above land surface <u>Flush</u> in. weight <u>0.703</u> lbs./ft. Wall thickness or gauge No. <u>sch 40</u>                                                                                                                                                                                                                                                                                                                                                                 |    |                                                                                                                                  |                |                 |                         |
| 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>15</u> ft. to <u>30</u> ft. From ft. to ft.                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                                                                                                                  |                |                 |                         |
| From ft. to ft. From ft. to ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                                                                                                                                  |                |                 |                         |
| GRAVEL PACK INTERVALS: From <u>12</u> ft. to <u>31</u> ft. From ft. to ft.                                                                                                                                                                                                                                                                                                                                                                                                               |    |                                                                                                                                  |                |                 |                         |
| From ft. to ft. From ft. to ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                                                                                                                                  |                |                 |                         |
| 6 GROUT MATERIAL:                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |    |                                                                                                                                  |                |                 |                         |
| 1 Neat cement 2 Cement grout <u>3</u> Bentonite 4 Other                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                                                                                                                                  |                |                 |                         |
| Grout Intervals: From <u>0.5</u> ft. to <u>17</u> 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 <u>11</u> 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? <u>North</u> How many feet? <u>50'</u>                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                                                                                                                                  |                |                 |                         |
| FROM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TO | LITHOLOGIC LOG                                                                                                                   | FROM           | TO              | PLUGGING INTERVALS      |
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 13 | Shaly clay (C)                                                                                                                   |                |                 | Concrete Flushmount     |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 18 | Clayey silt (C)                                                                                                                  |                |                 | well head per agreement |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 28 | Silty clay (C)                                                                                                                   |                |                 | w/ Don Taylor w/ KDHE   |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 31 | Bedrock (L)                                                                                                                      |                |                 |                         |
| 7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>1</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>6/24/97</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>531</u> This Water Well Record was completed on (mo/day/yr) <u>6/24/97</u> under the business name of <u>Geotechnical Services, Inc</u> by (signature) <u>[Signature]</u> |    |                                                                                                                                  |                |                 |                         |