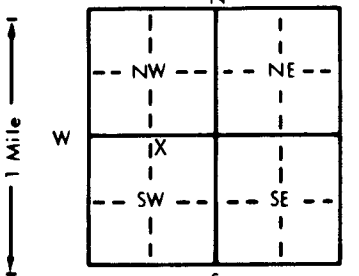


1 LOCATION OF WATER WELL: County: **Cowley** Fraction: **NW 1/4 SE 1/4 SW 1/4** Section Number: **32** Township Number: **T 34 S** Range Number: **R 4 E/W**

Distance and direction from nearest town or city street address of well if located within city?
 Adjacent to Above-Ground Storage Tank #123, Total Refinery, Arkansas City, KS 01938007 RW-2

2 WATER WELL OWNER: **Total Petroleum, Inc.** Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box # : **1400 South M Street** Application Number:
 City, State, ZIP Code : **Arkansas City, KS 67005**

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: **34.5** ft. ELEVATION: **Approx. Surface Elev.: 95.8**
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL **12.1** ft. below land surface measured on **mo/day/yr 03/06/93**
 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: **12.25** in. to **34.5** in. to in. to 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: 1 Steel 2 **PVC** 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued Clamped
 Blank casing diameter in. to **9.5** in. to ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface in., weight lbs./ft. Wall thickness or gauge No.
 TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 **PVC** 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 **Mill slot** 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)
 SCREEN-PERFORATED INTERVALS: From **9.5** ft. to **34.5** ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **8.5** ft. to **34.5** ft., From ft. to ft.

6 GROUT MATERIAL: 1 **Neat cement** 2 Cement grout 3 **Bentonite** 4 Other
 Grout intervals: From ft. to **7.5** ft., From **7.5** ft. to **8.5** ft., From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0.0	9.5	Brown, Silty Fine Sand			
9.5	12.0	Gray, Silty Fine Sand			
12.0	15.5	Gray, Fine to Medium Sand			
15.5	28.5	Gray, Medium to Coarse Sand			
28.5	29.5	Brown Clayey Sand			
29.5	32.5	Gray Coarse Sand			
32.5	34.0	Gray Clayey Sand			
34.0	34.5	Gray Coarse Sand			

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) **05/28/93** 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) **5/28/93** 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, 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 34 R 4 E/W SEC. NW 1/4 SE 1/4 SW 1/4