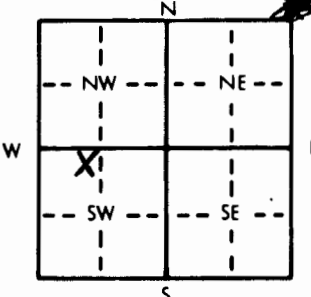


(COPY)

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)**
 County: Cowley
 Distance and direction from nearest town or city street address of well if located within city:

Southeast Section of City Well #12

2 WATER WELL OWNER: Total Petroleum, Inc. Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box #: P.O. Box 857 Application Number:
 City, State, ZIP Code: Arkansas City, Kansas 67005

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

 4 DEPTH OF COMPLETED WELL: 27.9 ft. ELEVATION: 1038.2 ft.
 Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 19.2 ft. below land surface measured on 6-25-81
 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 32.0 ft., and in. to ft.
 WELL WATER TO BE USED AS:
 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) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued **X** Clamped
(2) PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter: 2 in. to 27.9 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface: 35 in., weight lbs./ft. Wall thickness or gauge No. sch. 40
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass **(7)** PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
 9 ABS 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 15.3 ft. to 19.9 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 15.3 ft. to 27.9 ft., From ft. to ft.
 From ft. to 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 **(11)** Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below)
 Direction from well: North east How many feet? 60

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0.0'	0.5'	Gravel			
0.5'	6.5'	Dark Brown Silty Clay			
6.5'	11.0'	Dark Gray Clayey Silt			
11.0'	20.0'	Light Brown Sandy Silt			
20.0'	23.0'	Gray Silty Sand			
23.0'	32.0'	Dark Gray Silty 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) 6-25-81 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 116 This Water Well Record was completed on (mo/day/yr) 7-17-81 under the business name of Terncon 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 DW SEC. 32 NE 1/4 NW 1/4 SW 1/4