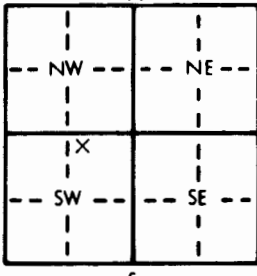
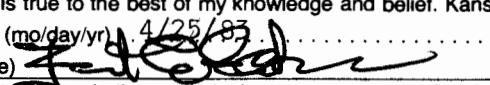


#48

WATER WELL RECORD

Form WWC-5

KSA 82a-1212

| | | | | | |
|---|------|--|----------------|-----------------|----------------|
| 1 LOCATION OF WATER WELL: | | Fraction | Section Number | Township Number | Range Number |
| County: Cowley | | NW 1/4 NE 1/4 SW 1/4 | 32 | T 34 S | R 4 SW |
| Distance and direction from nearest town or city street address of well if located within city? Southeast corner of Arkansas City - Well #48 | | | | | |
| 2 WATER WELL OWNER: Total Petroleum Company | | | | | |
| RR#, St. Address, Box #: P. O. Box 857 | | | | | |
| City, State, ZIP Code: Arkansas City, Kansas 67005 | | | | | |
| Board of Agriculture, Division of Water Resources Application Number: | | | | | |
| 3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: | | 4 DEPTH OF COMPLETED WELL: 18.0 ft. ELEVATION: n/a | | | |
|  | | Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL: 14.0 ft. below land surface measured on mo/day/yr 3/1/83 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: 6.0 in. to 18.0 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 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 Blank casing diameter 2.0 in. to 10.0 ft. Dia. in. to ft. Dia. in. to ft. Casing height above land surface 36.0 in., weight lbs./ft. Wall thickness or gauge No. 40. Schedule 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) 7 Torch cut SCREEN-PERFORATED INTERVALS: From 18.0 ft. to 10.0 ft. From ft. to ft. GRAVEL PACK INTERVALS: From ft. to 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 5.0 ft. to 0.0 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 Refinery Direction from well? All How many feet? 0.0 | | | | | |
| FROM | TO | LITHOLOGIC LOG | FROM | TO | LITHOLOGIC LOG |
| 0.0 | 3.0" | Vegetation | | | |
| 3.0" | 1.5' | Brown Silty Fine Sand | 07 | | |
| 1.5 | 3.0 | Dark Brown Fine Sand, Trace Clay | 07 | | |
| 3.0 | 5.0 | Gray Fine Sand with Gaseous Odor | 07 | | |
| 5.0 | 9.0 | Gray Clayey Fine Sand | 07 | | |
| 9.0 | 15.0 | Light Gray Fine Sand | 07 | | |
| 15.0 | 18.0 | Gray Fine To Medium Sand with Gravel | 08 + 17 | | |
| 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) 1/21/83 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 416A This Water Well Record was completed on (mo/day/yr) 4/25/83 under the business name of Terracon Consultants, Inc. by (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. | | | | | |