WATER WELL RECORD Form WWC-5 KSA 82a-1212 5E11571 PLATTE B-1

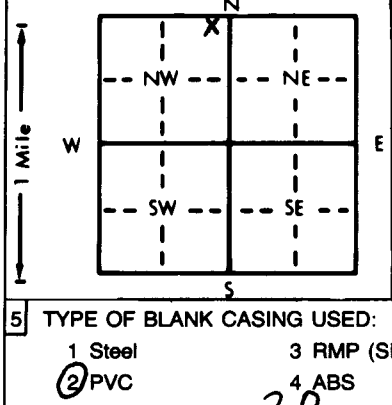
1 LOCATION OF WATER WELL: County: Johnson	Fraction: NE ¼ NE ¼ NW ¼	Section Number: 20	Township Number: T 13 S	Range Number: R 24 (E) W

Distance and direction from nearest town or city street address of well if located within city? approximately 50' southwest from the intersection of 119th & Strangline Road, Olathe, Ks

2 WATER WELL OWNER: Commerce Bancshares, Inc.
RR#, St. Address, Box # : 1000 Walnut P.O. Box 13686
City, State, ZIP Code : Kansas City, MO 64199

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 18.5 ft. ELEVATION: approx. 1055 ft. NGVD
Depth(s) Groundwater Encountered 1. 8' ATD ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 9' ft. below land surface measured on mo/day/yr 5/21/95
Pump test data: Well water was NA ft. after hours pumping gpm
Est. Yield gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 8.0 in. to 18.5 ft., and in. to ft.
WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only (10) Observation well 8 Air conditioning 9 Dewatering 11 Injection well 12 Other (Specify below)
Was a chemical/bacteriological sample submitted to Department? Yes ..... No ✓ ; If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes No ✓

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 Welded Threaded ✓
Blank casing diameter 2.0 in. to 8.5 ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 0.0 in., weight lbs./ft. Wall thickness or gauge No. Sched. 40
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 (3) Mill slot 2 Louvered shutter 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 8.5 ft. to 18.5 ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 6.5 ft. to 18.5 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 1.5 ft. to 6.5 ft., From ft. to 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) NONE KNOWN
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2.8	Soft, wet, brown silty CLAY fill with rubble			
2.8	11.6	stiff, moist dark reddish brown med-high plastic CLAY w/ silt. Becoming dark gray to black @ 4½ ft			
11.6	12.8	Limestone			
12.8	16.0	Shale			
16.0	18.5	Limestone			

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) 5/12/95 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 399 This Water Well Record was completed on (mo/day/yr) 6/7/95 under the business name of WOODWARD-CLYDE CONSULTANTS by (signature) Richard L. Mahab

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 Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.