

WATER WELL RECORD

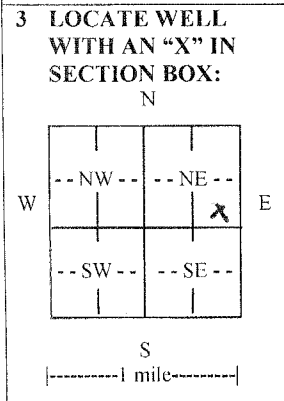
Form WWC-5

Division of Water Resources App. No.

20140208

1 LOCATION OF WATER WELL: Fraction C 1/4 S2 1/4 SE 1/4 NE 1/4 Section Number 4 Township No. T 21 S Range Number R 18 E W
County: Pawnee
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here []
5 North, 3/4 East of Sanford

2 WATER WELL OWNER: Ritchie Exploration
RR#, Street Address, Box #: P. O. Box 783188
City, State, ZIP Code : Wichita, KS 67278
Global Positioning System (GPS) information:
Latitude: (in decimal degrees)
Longitude: (in decimal degrees)
Elevation:
Datum: [] WGS 84, [] NAD 83, [] NAD 27
Collection Method:
[] GPS unit (Make/Model:)
[] Digital Map/Photo, [] Topographic Map, [] Land Survey
Est. Accuracy: [] <3 m, [] 3-5 m, [] 5-15 m, [] >15 m



4 DEPTH OF COMPLETED WELL 260 ft.
Depth(s) Groundwater Encountered (1) ft. (2) ft. (3) ft.
WELL'S STATIC WATER LEVEL N/A ft. below land surface measured on mo/day/yr. 3-17-14
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 10 in. to 260 ft., and in. to ft.
WELL WATER TO BE USED AS: [] Public water supply [] Geothermal [] Injection well
[] Domestic [] Feedlot [x] Oil field water supply [] Dewatering [] Other (Specify below)
[] Irrigation [] Industrial [] Domestic-lawn & garden [] Monitoring well
Was a chemical/bacteriological sample submitted to Department? [] Yes [x] No
If yes, mo/day/yr sample was submitted.
Water well disinfected? [x] Yes [] No

5 TYPE OF CASING USED: [] Steel [] PVC [] Other
CASING JOINTS: [x] Glued [] Clamped [] Welded [] Threaded
Casing diameter in. to ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface in., Weight lbs./ft., Wall thickness or gauge No.
TYPE OF SCREEN OR PERFORATION MATERIAL:
[] Steel [] Stainless Steel [] PVC [] Other (Specify)
[] Brass [] Galvanized Steel [] None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
[] Continuous slot [] Mill slot [] Gauze wrapped [] Torch cut [] Drilled holes [] None (open hole)
[] Louvered shutter [] Key punched [] Wire wrapped [] Saw cut [] Other (specify)
SCREEN-PERFORATED INTERVALS: From ft. to ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: [] Neat cement [] Cement grout [x] Bentonite [] Other
Grout Intervals: From ft. to ft., From 260 ft. to 0 ft., From ft. to ft.
What is the nearest source of possible contamination:
[] Septic tank [] Lateral lines [] Pit privy [] Livestock pens [] Insecticide storage [x] Other (specify below)
[] Sewer lines [] Cesspool [] Sewage lagoon [] Fuel storage [] Abandoned water well
[] Watertight sewer lines [] Seepage pit [] Feedyard [] Fertilizer storage [] Oil well/gas well None
Direction from well Distance from well

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include soil types like Top soil, Tan clay, Gray shale, Fire clay, Sandstone, etc.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [] constructed, [] reconstructed, or [x] plugged under my jurisdiction and was completed on (mo/day/year) 3-17-14 and this record is true to the best of my knowledge and belief.
Kansas Water Well Contractor's License No. 134 This Water Well Record was completed on (mo/day/year) 3-22-14 under the business name of Rosencrantz- Bemis Ent Inc by (signature) Sara Ales

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. I include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.