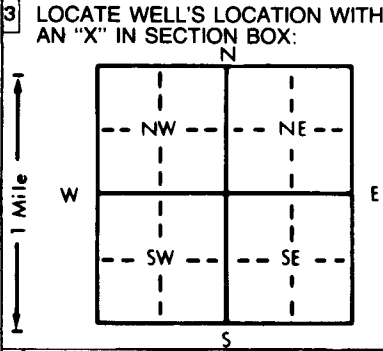


1 LOCATION OF WATER WELL: Fraction SW 1/4 NE 1/4 NE 1/4 Section Number 31 Township Number T 17 S Range Number R 17 EW
 County: Osage

Distance and direction from nearest town or city street address of well if located within city?
4 miles East and 2 North of Melvern Ks.

2 WATER WELL OWNER: Donald Q. Zabel
 RR#, St. Address, Box #: Route 1 Box 407
 City, State, ZIP Code: Melvorn, Kansas 66510-9775
 Board of Agriculture, Division of Water Resources
 Application Number:



4 DEPTH OF COMPLETED WELL: 193 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. 147-192 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: 10.1 ft. below land surface measured on mo/day/yr 10-20-93
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield 25 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter: 8 3/4 in. to 20 ft., and 7 7/8 in. to 193 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 Monitoring well
 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 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter: 5 in. to 173 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface: 24" in., weight lbs./ft. Wall thickness or gauge No. 200#
 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 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 173 ft. to 193 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 26 ft. to 193 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 26 ft. to 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
 Direction from well? West How many feet? 100'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS Log Cont.
0	8	Soil + Clay	76	92	Shale
8	31	Lime	92	103	Sand + Shale, Laminated
31	33	Coal	103	120	Shale
33	35	Shale	120	122	Limey sand
35	37	Lime	122	128	Silty sand; Shale, Laminated
37	40	Shale	128	130	Sand Pebbles, Shale
40	45	Lime	130	137	DARK Shale
45	46	Shale	137	139	Lime
46	49	Limey sand	139	147	Silty sand + Shale
49	54	Sand, Tight, Fine grained	147	192	sand, water
54	56	Lime	192	193	Lime
56	65	Sand, Tight, Fine grained			
65	69	Lime			
69	75	Shale			
75	76	Coal			

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) 10-20-93 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 561 This Water Well Record was completed on (mo/day/yr) 10-22-93 under the business name of Evans Energy Development, Inc. by (signature) Donald Q. Zabel