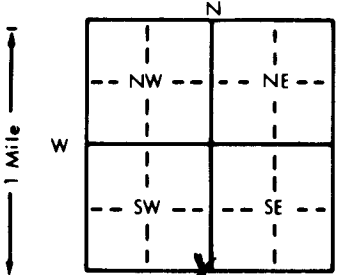


1 LOCATION OF WATER WELL: Fraction Along S. line Section Number 10 Township Number T 7 S Range Number R 15 EW
 County: Osborne SE 1/4 SE 1/4 SW 1/4

Distance and direction from nearest town or city street address of well if located within city?
2 miles South and approx 3 miles west of Alton Ks.

2 WATER WELL OWNER: Penco Engineering Test hole to find shale depth
 RR#, St. Address, Box #: P.O. Box 392
 City, State, ZIP Code: Plainville, Ks. 67463
 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: 999 NA ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. NA ft. 2. NA ft. 3. NA ft.
 WELL'S STATIC WATER LEVEL: NA ft. below land surface measured on mo/day/yr
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield: NA gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 6 in. to 30 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 Monitoring well lithologic hole
 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 NONE Threaded _____
 Blank casing diameter: 999 in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface: 0 in., weight _____ lbs./ft. Wall thickness or gauge No. _____
 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) NA
 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 999 10 Other (specify) NA
 SCREEN-PERFORATED INTERVALS: From 999 ft. to _____ ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 30 ft. to 10 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 10 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 nothing observed
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Road Material	30	10	GMA Gravel pack
3	10	v. f. grained sch.	10	0	Medium bentonite chip
10	15	Sch. w. intermitten lms. gravel			
15	18	med gr. well sorted Sch.			
18	21	Sch. imbedded into a saturated			
		weather gray blue shale			
21	25	weathered shale			
25	30	hard fissile blue gray shale			

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) 6-20-96 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 608 This Water Well Record was completed on (mo/day/yr) 8-2-96 under the business name of Yellow Jacket Drilling by (signature) Zin Woodell, geologist

OFFICE USE ONLY
T
R
EW
SEC
1/4
1/4
1/4