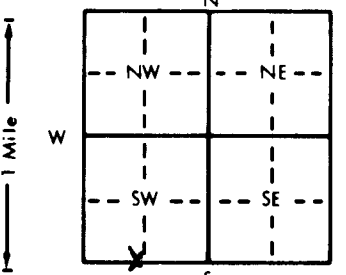


1 LOCATION OF WATER WELL: Fraction Along S. line Section Number 36 Township Number T 7 S Range Number R 12 E/W
 County: Osborne SE 1/4 SW 1/4 SW 1/4

Distance and direction from nearest town or city street address of well if located within city?
4 miles East, 3 miles South, and 1/4 mile east of Osborne

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 Kansas 67663 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: NA 999 ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. NA 999 ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL: NA 999 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 40 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 8 1/2 in. to ft., Dia. in. to ft., Dia. in. to ft.
 Casing height above land surface 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 10 Other (specify) NA
 SCREEN-PERFORATED INTERVALS: From 999 ft. to 999 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 40 ft. to 20 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 20 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)
Nothing observed
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	loess	40	20	GMA Gravel Pack
5	12	Drk gr. soil / slightly clay	20	0	Medium bentonite chip
12	14	Clay gr. gray / unsaturated			
14	15	Clay brn - tan			
15	19	lms unconsolidated			
19	20	gravel & sd iron stained			
20	23	lms water polished, rd, smooth			
23	27	lms, sd, rd, smooth			
27	32	sd, unconsolid, med gr, well sorted			
32	34	lms, unconsolidated finer gravel			
34	36	Drk gr. weathered shale			
36	40	Hard 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) 6-19-96 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) 8-7-96 under the business name of Yellow Jacket Drilling by (signature) Eric J. Waddell, geologist

OFFICE USE ONLY
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