

1 LOCATION OF WATER WELL:		Fraction <i>along N line</i>	Section Number	Township Number	Range Number
County: <i>Osborne</i>		<i>NE 1/4 NW 1/4 NW 1/4</i>	<i>1</i>	<i>T 8 S</i>	<i>R 12 EW</i>
Distance and direction from nearest town or city street address of well if located within city? <i>4 miles East, 3 miles South, and 1/4 mile east of Osborne</i>					
2 WATER WELL OWNER: <i>Penco Engineering</i> <i>Test hole to find shale depth</i>					
RR#, St. Address, Box # : <i>P.O. Box 392</i>		Board of Agriculture, Division of Water Resources			
City, State, ZIP Code : <i>Plainville, Kansas 67663</i>		Application Number:			
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <i>NA</i> ft. ELEVATION: <i>NA</i>			
		Depth(s) Groundwater Encountered 1. <i>NA</i> ft. 2. <i>NA</i> ft. 3. <i>NA</i> ft.			
		WELL'S STATIC WATER LEVEL <i>NA</i> ft. below land surface measured on mo/day/yr			
		Pump test data: Well water was <i>NA</i> ft. after <i>NA</i> hours pumping <i>NA</i> gpm			
		Est. Yield <i>NA</i> gpm; Well water was <i>NA</i> ft. after <i>NA</i> hours pumping <i>NA</i> gpm			
		Bore Hole Diameter: <i>6</i> in. to <i>40'</i> ft., and <i>NA</i> in. to <i>NA</i> ft.			
		WELL WATER TO BE USED AS:			
		5 Public water supply 8 Air conditioning 11 Injection well 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 <i>1. the big hole</i>			
		Was a chemical/bacteriological sample submitted to Department? Yes <i>(No)</i> If yes, mo/day/yr sample was submitted			
		Water Well Disinfected <i>(Yes)</i> No			
5 TYPE OF BLANK CASING USED:					
1 Steel		3 RMP (SR)		5 Wrought iron	
2 PVC		4 ABS		6 Asbestos-Cement	
				7 Fiberglass	
				8 Concrete tile	
				9 Other (specify below)	
				CASING JOINTS: Glued Clamped Welded Threaded	
Blank casing diameter <i>NA</i> in. to <i>NA</i> ft., Dia <i>NA</i> in. to <i>NA</i> ft., Dia <i>NA</i> in. to <i>NA</i> ft.					
Casing height above land surface <i>NA</i> in., weight <i>NA</i> lbs./ft. Wall thickness or gauge No. <i>NA</i>					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel		3 Stainless steel		5 Fiberglass	
2 Brass		4 Galvanized steel		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		5 Gauzed wrapped	
2 Louvered shutter		4 Key punched		6 Wire wrapped	
				7 Torch cut	
				8 Saw cut	
				11 None (open hole)	
				9 Drilled holes	
				10 Other (specify)	
SCREEN-PERFORATED INTERVALS: From <i>NA</i> ft. to <i>NA</i> ft., From <i>NA</i> ft. to <i>NA</i> ft., From <i>NA</i> ft. to <i>NA</i> ft.					
GRAVEL PACK INTERVALS: From <i>40</i> ft. to <i>20</i> ft., From <i>NA</i> ft. to <i>NA</i> ft., From <i>NA</i> ft. to <i>NA</i> ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other					
Grout Intervals: From <i>20</i> ft. to <i>0</i> ft., From <i>NA</i> ft. to <i>NA</i> ft., From <i>NA</i> ft. to <i>NA</i> ft.					
What is the nearest source of possible contamination:					
1 Septic tank		4 Lateral lines		7 Pit privy	
2 Sewer lines		5 Cess pool		8 Sewage lagoon	
3 Watertight sewer lines		6 Seepage pit		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)	
				<i>nothing observed</i>	
Direction from well? How many feet?					
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3'	loess top soil	40	20	CMA gravel pack
3	10'	yellow clay	20	0	Medium bentonite chip
10	12'	Lms, Ls, uncons, w/ clay			
12	19'	Iron, stained gravel and sand			
21	23'	sand f. gr. on yellow clay			
23	25'	clay yellow to off white			
25	27'	River gravel			
27	32'	weathered dark gr. shale			
32	34'				
34	40'				
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) <i>6-18-96</i> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <i>608</i> This Water Well Record was completed on (mo/day/yr) <i>8-2-96</i> under the business name of <i>Yellow Jacket Drilling</i> by (signature) <i>E. Ladd, geologist</i>					