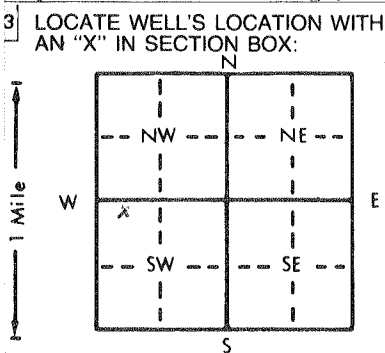


1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 SW 1/4 Section Number 3 Township Number T 14 S Range Number R 18 E
 County: ELLIS

Distance and direction from nearest town or city street address of well if located within city?
1102 E. 8TH. ST. HAYS, KS

2 WATER WELL OWNER: HALLIBURTON ENERGY SERVICES MW-33
 RR#, St. Address, Box #: P.O. BOX 1431 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: DUNCAN, OK 73536 Application Number:



4 DEPTH OF COMPLETED WELL: 30 ft. ELEVATION: (1892.2)
 Depth(s) Groundwater Encountered 1. 18 ft. 2. 18.33 ft. 3. 18.33 ft.
 WELL'S STATIC WATER LEVEL 18.33 ft. below land surface measured on mo/day/yr 3/27/96
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 8 in. to 30 ft., and _____ in. to _____ 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
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No (No); If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No (No)

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded _____
2 PVC 4 ABS 7 Fiberglass Threaded
 Blank casing diameter 2 in. to 9 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 4.8 in., weight _____ lbs./ft. Wall thickness or gauge No. 3CH 40
 TYPE OF SCREEN OR PERFORATION MATERIAL: 2 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) _____
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 9 ft. to 29 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 9 ft. to 29 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 0 ft. to 9 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)
3 FORMER XYLENE AST
 Direction from well? EAST How many feet? 75

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1/2'	ASPHALT			
1/2'	1'	BLACK TOPSOIL			
1'	15 1/2'	MEDIUM BROWN STIFF SILTY CLAY			
15'	16'	SOFT CLAYEY SILT			
16'	18 1/2'	TAN MEDIUM SAND			
18.5'	20'	TAN COARSE SAND			

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) 3/26/96 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 534 This Water Well Record was completed on (mo/day/yr) 10/14/99 under the business name of PSI by (signature) [Signature]