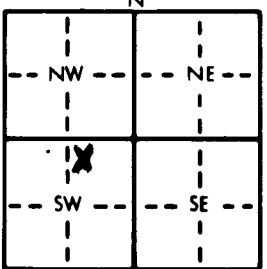


1 LOCATION OF WATER WELL: County: Hamilton Fraction: NW 1/4 NE 1/4 SW 1/4 Section Number: 30 Township Number: T 23 S Range Number: R 40 EW

Distance and direction from nearest town or city street address of well if located within city?
3 N 1/8 E of Syracuse

2 WATER WELL OWNER: American Exploration
RR#, St. Address, Box #: _____
City, State, ZIP Code: Syracuse KS 67878
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: 423 ft. ELEVATION: _____
Depth(s) Groundwater Encountered 1. 283 ft. 2. _____ ft. 3. _____ ft.
WELL'S STATIC WATER LEVEL _____ ft. below land surface measured on mo/day/yr _____
Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
Est. Yield 50 gpm; Well water was _____ ft. after _____ hours pumping _____ gpm
Bore Hole Diameter: 7 7/8 in. to 4 2/3 in. and _____ in. to _____ in. ft.
WELL WATER TO BE USED AS:
 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial
 5 Public water supply 6 Oil field water supply 7 Lawn and garden only
 8 Air conditioning 9 Dewatering 10 Monitoring well
 11 Injection well 12 Other (Specify below) _____
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: Welded Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) _____
Blank casing diameter 5 in. to 3 1/2 in. Dia. _____ in. to _____ in. Dia. _____ in. to _____ in. Dia. _____ in. to _____ in. Dia.
Casing height above land surface _____ in., weight _____ lbs./ft. Wall thickness or gauge No. 200
TYPE OF SCREEN OR PERFORATION MATERIAL:
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
12 None used (open hole) _____
SCREEN OR PERFORATION OPENINGS ARE:
1 Continuous slot 3 Mill slot 5 Gauzed wrapped 6 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 3 1/2 ft. to 4 2/3 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
GRAVEL PACK INTERVALS: From 0 ft. to 20 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Near Cement 2 Cement grout 3 Bentonite 4 Other _____
Grout intervals: From _____ ft. to _____ 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 13 Insecticide storage 16 Other (specify below) Salt Water Injection Well
Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		<u>49' - 8 5/8" surface casing (steel)</u>			<u>Cemental from</u>
		<u>0 - to 49'</u>			
<u>0</u>	<u>23</u>	<u>Clay</u>			
<u>23</u>	<u>35</u>	<u>Fine to coarse gravel</u>			
<u>35</u>	<u>39</u>	<u>Clay</u>			
<u>39</u>	<u>43</u>	<u>gravel</u>			
<u>43</u>	<u>46</u>	<u>Hard clay to shale</u>			
<u>46</u>	<u>283</u>	<u>Blue shale</u>			
<u>283</u>	<u>363</u>	<u>Dakota sand w/ shale strips</u>			
<u>363</u>	<u>383</u>	<u>Sandstone</u>			
<u>383</u>	<u>387</u>	<u>Shale</u>			
<u>387</u>	<u>419</u>	<u>Sandstone</u>			
<u>419</u>	<u>423</u>	<u>shale</u>			

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) 1-10-90 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 700 This Water Well Record was completed on (mo/day/yr) 2-10-90 under the business name of Tuller Shultz by (signature) Alan J. [Signature]