

WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No.

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: <b>Saline</b>	<b>SE</b> $\frac{1}{4}$ <b>SW</b> $\frac{1}{4}$ <b>NW</b> $\frac{1}{4}$	<b>12</b>	T <b>14</b> S	R <b>03</b> <b>W</b>

Distance and direction from nearest town or city street address of well if located within city?

**501 N. Santa Fe Street, Salina**

2 WATER WELL OWNER:	<b>KDHE</b>	Board of Agriculture, Division of Water Resources
RR#, St. Address, Box # :	<b>1000 SW Jackson Ste. 410</b>	Application Number:
City, State, ZIP Code :	<b>Topeka, KS 66612</b>	

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL
	<b>AS-50</b> <b>SVE-30</b> <b>Prod-40</b> ft. ELEVATION: _____ Depth(s) Groundwater Encountered 1 <b>36</b> 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 _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm Bore Hole Diameter <b>5</b> ft. in. to <b>40 (SVE &amp; Prod)</b> ft. and <b>8.5</b> in. in. to <b>40-50 (AS)</b> ft. WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feed lot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden (domestic) 10 Monitoring well Soil Vapor Extraction (SVE) Air Sparge (AS) Product Recovery (Prod)
	Was a chemical/bacteriological sample submitted to Department? Yes _____ No <b>X</b> If yes, mo/day/yr sample was submitted _____ Water Well Disinfected? Yes _____ No <b>X</b>

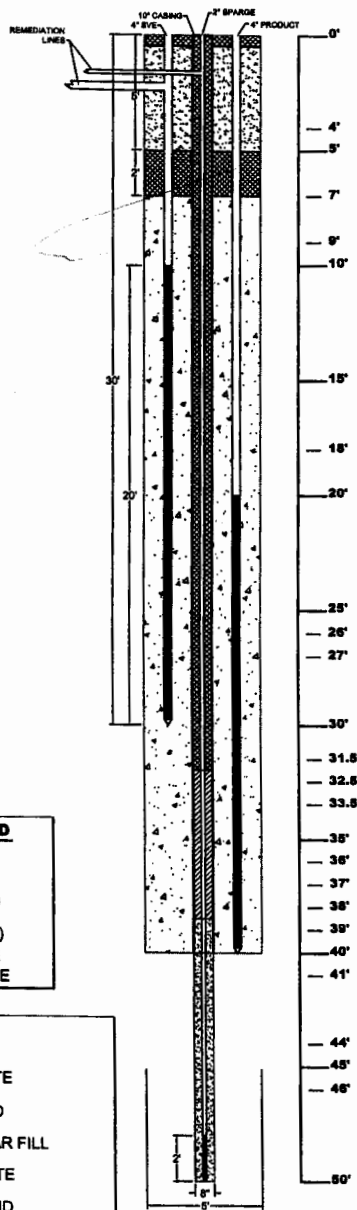
5 TYPE OF BLANK CASING USED:	5 Wrought Iron	8 Concrete tile	CASING JOINTS: Glued _____ Clamped _____
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below) _____
2 <b>PVC</b>	4 ABS	7 Fiberglass	_____
Blank casing diameter <b>2 (AS)</b> in. to <b>48 (AS)</b> ft. Dia	<b>4 (SVE)</b> in. to <b>10 (SVE)</b> ft. Dia	<b>4 (Prod)</b> in. to <b>20 (Prod)</b> ft.	
Casing height above land surface <b>Flushmount</b> in., weight <b>2.0 (SVE &amp; Prod)</b> lbs./ft. Wall thickness or gauge No. <b>Sch. 40</b>			
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 <b>PVC</b>	10 Asbestos-cement	
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
SCREEN OR PERFORATION OPENINGS ARE:	5 Gauzed wrapped	8 Saw cut	11 None (open hole)
1 Continuous slot	3 <b>Mill slot</b>	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify) _____
SCREEN-PERFORATED INTERVALS:	From <b>48 (AS)</b> ft. to <b>50 (AS)</b> ft.	From <b>10 (SVE)</b> ft. to <b>30 (SVE)</b> ft.	
	From <b>20 (Prod)</b> ft. to <b>40 (Prod)</b> ft.	From _____ ft. to _____ ft.	
GRAVEL PACK INTERVALS:	From <b>7</b> ft. to <b>40 (SVE &amp; Prod)</b> ft.		
	From <b>45</b> ft. to <b>50 (AS)</b> ft.		

6 GROUT MATERIAL:	1 <b>Neat cement</b>	2 Cement grout	3 <b>Bentonite</b>	4 Other _____
Grout Intervals	From <b>0 (1)</b> ft. to <b>0.5 (1)</b> ft.	From <b>5 (1)</b> ft. to <b>7 (1)</b> ft.	From <b>AS-0 (1)</b> ft. to <b>AS-38 (1)</b> ft.	From <b>AS-38 (3)</b> ft. to <b>AS-45 (3)</b> ft.
What is the nearest source of possible contamination:	10 Livestock pens	14 Abandoned water well		
1 Septic tank	4 Lateral lines	7 Pit privy	11 Fuel storage	15 Oil well/ Gas well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	12 Fertilizer storage	16 Other (specify below)
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	13 Insecticide storage	

Direction from well?	How many feet?
FROM TO CODE LITHOLOGIC LOG	FROM TO PLUGGING INTERVALS
0 2 CL Backfill/Clay, soft to firm, low to mod plasticity	
2 19 CL Clay, silty, low to mod plasticity, soft to firm	
19 30 CL Clay, silty, firm to stiff, low to high plasticity	
30 39 CL Clay, silty, firm to stiff, med to high plasticity	Note:
39 41.5 SP Sand, fine to v. coarse grain, trace gravel, poorly sorted	A copy of one well log for LBD-1, LBD-2, LBD-3 and LBD-5 is attached.
41.5 50 SP Sand, very fine to medium grain, trace gravel, moderately sorted	

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <b>(1) constructed</b> , (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/yr) <b>11-1-05</b> and this record is true to the best of my knowledge and belief. Kansas
Water Well Contractor's License No. <b>531</b> This Water Well Record was completed on (mo/day/yr) <b>12-1-05</b>
under the business name of <b>Geotechnical Services, Inc.</b> by (signature) _____

INSTRUCTIONS: Please fill in blanks and circle the correct answers. Send three copies to Kansas Department of Health and Environment, Bureau of Water, 1000 S W Jackson St., Ste. 420, Topeka, Kansas 66612-1367. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.



### LITHOLOGY LEGEND

- = BACKFILL
- = CLAY (CL)
- = SAND (SP)
- (A) = AIR SAMPLE
- (S) = SOIL SAMPLE

### WELL LEGEND

- = CONCRETE
- = FILL SAND
- = GRANULAR FILL
- = BENTONITE
- = 12-20 SAND

### PID LITHOLOGY

0 (A)	BACKFILL/ CLAY(CL) - dark brown, soft to firm, low to moderate plasticity, damp
4.8 (A)	CLAY(CL) - light brown, silty, low to moderate plasticity, soft to firm, damp, sandstone/limestone 8"- 36" diameter
11.8 (A) 84 (S)	CLAY(CL) - light brown, very silty, low to moderate plasticity, soft to firm, moist, sandstone/limestone 2"- 8" diameter
3.3 (A)	
20 (A)	CLAY(CL) - light green, silty firm to stiff, moderate to high plasticity, moist
136 (S) 50 (A) 33 (A)	
33 (A)	CLAY(CL) - dark gray, silty, trace medium to coarse grained sand, saturated
50 (A) 150 (A) 30 (A)	SAND(SP) - dark gray, fine to coarse grained, poorly sorted, saturated
	CLAY(CL) - gray, silty, soft to firm, low to moderate plasticity, saturated
	SAND(SP) - gray- brown, very fine to medium grained, moderately sorted, saturated
	CLAY(CL) - gray, silty, soft to firm, low to moderate plasticity, saturated
	SAND(SP) - gray to light brown, very fine to medium grained, moderately sorted, saturated

TOTAL DEPTH 50 FEET

### SVE DETAILS

<b>ELEVATION</b>	<b>RISER</b>
CASING: _____	TYPE: PVC
PAD: _____	SCHEDULE: 40
<b>PROTECTIVE COVER</b>	INSIDE DIA: 4"
TYPE: MANHOLE	LENGTH: 12'
SIZE: 18"	<b>SCREEN</b>
PAD SIZE: NA	TYPE: PVC
<b>WELL SEAL</b>	SCHEDULE: 40
TYPE: CONCRETE	SLOT: 0.010
AMOUNT: NA	INSIDE DIA: 4"
WATER: NA	LENGTH: 20'
<b>WELL PACK</b>	<b>END CAP</b>
TYPE: ROAD GRAVEL	TYPE: SLIP
AMOUNT: NA	LENGTH: NA
WATER: NA	<b>WATER LEVEL OBSERVATIONS</b>
	WHILE DRILLING: 36"
	END OF DRILLING: NA
	DATE DRILLED: 10/20/05
	DRILLER: MO-KAN
	GEOLOGIST: D. ROY
	DRILL METHOD: LARGE DIA. BORING

### AS DETAILS

<b>ELEVATION</b>	<b>RISER</b>
CASING: _____	TYPE: PVC
PAD: _____	SCHEDULE: 40
<b>PROTECTIVE COVER</b>	INSIDE DIA: 4"
TYPE: MANHOLE	LENGTH: 12'
SIZE: 18"	<b>SCREEN</b>
PAD SIZE: NA	TYPE: PVC
<b>WELL SEAL</b>	SCHEDULE: 40
TYPE: CONCRETE/BENTONITE	SLOT: 0.010
AMOUNT: NA	INSIDE DIA: 4"
WATER: NA	LENGTH: 20'
<b>WELL PACK</b>	<b>END CAP</b>
TYPE: ROAD GRAVEL	TYPE: SLIP
AMOUNT: 150 lbs.	LENGTH: NA
WATER: NA	<b>WATER LEVEL OBSERVATIONS</b>
	WHILE DRILLING: 36"
	END OF DRILLING: NA
	DATE DRILLED: 11/14/05
	DRILLER: D. ROY
	GEOLOGIST: D. ROY
	DRILL METHOD: 4.25" MO-KAN STAIN AUGER

### PRODUCT DETAILS

<b>ELEVATION</b>	<b>RISER</b>
CASING: _____	TYPE: PVC
PAD: _____	SCHEDULE: 40
<b>PROTECTIVE COVER</b>	INSIDE DIA: 4"
TYPE: MANHOLE	LENGTH: 12'
SIZE: 18"	<b>SCREEN</b>
PAD SIZE: NA	TYPE: PVC
<b>WELL SEAL</b>	SCHEDULE: 40
TYPE: CONCRETE	SLOT: 0.010
AMOUNT: NA	INSIDE DIA: 4"
WATER: NA	LENGTH: 20'
<b>WELL PACK</b>	<b>END CAP</b>
TYPE: ROAD GRAVEL	TYPE: SLIP
AMOUNT: NA	LENGTH: NA
WATER: NA	<b>WATER LEVEL OBSERVATIONS</b>
	WHILE DRILLING: 36"
	END OF DRILLING: NA
	DATE DRILLED: 10/20/05
	DRILLER: MO-KAN
	GEOLOGIST: D. ROY
	DRILL METHOD: LARGE DIA. BORING