

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

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

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:	KDHE
RR#, St. Address, Box # :	1000 SW Jackson Ste. 410
City, State, ZIP Code :	Topeka, KS 66612
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
	AS-50 SVE-30 Prod-40 ft. ELEVATION: _____ Depth(s) Groundwater Encountered 1 36 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 5 ft. in. to 40 (SVE & Prod) ft. and 8.5 in. to 40-50 (AS) 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 2 Irrigation 4 Industrial 7 Lawn and garden (domestic) 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes _____ No X If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes _____ No X

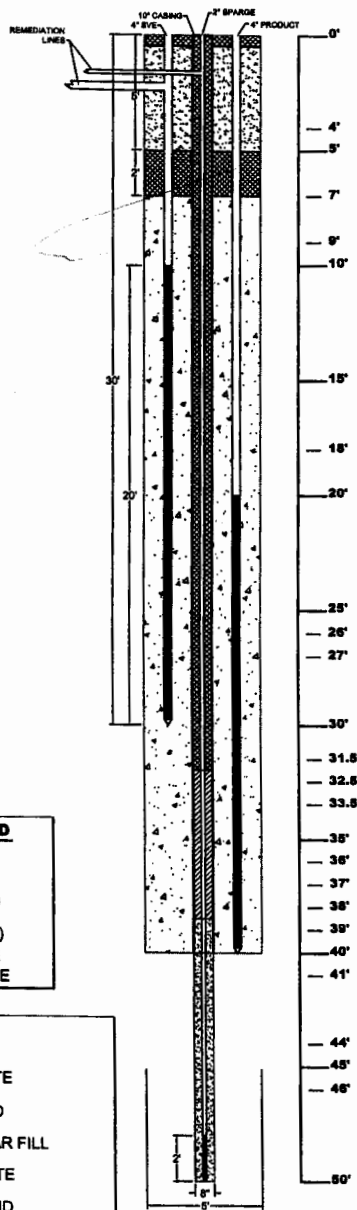
5 TYPE OF BLANK CASING USED:	5 Wrought Iron	8 Concrete tile	CASING JOINTS: Glued _____ Clamped _____
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below) _____
2 PVC	4 ABS	7 Fiberglass	_____
Blank casing diameter 2 (AS) in. to 48 (AS) ft. Dia 4 (SVE) in. to 10 (SVE) ft. Dia 4 (Prod) in. to 20 (Prod) ft.			
Casing height above land surface Flushmount in., weight 2.0(SVE & Prod) lbs./ft. Wall thickness or gauge No. Sch. 40			
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC	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 Mill slot	6 Wire wrapped	9 Drilled holes
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify) _____
SCREEN-PERFORATED INTERVALS:	From 48 (AS) ft. to 50 (AS) ft.	From 10 (SVE) ft. to 30 (SVE) ft.	
	From 20 (Prod) ft. to 40 (Prod) ft.	From _____ ft. to _____ ft.	
GRAVEL PACK INTERVALS:	From 7 ft. to 40 (SVE & Prod)		
	From 45 ft. to 50 (AS)		

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

FROM	TO	CODE	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	4	CL	Back Fill, Clay, silty, trace sand, debris			
4	27	CL	Clay, very silty, soft low to moderate plasticity			
27	30	CL	Clay, firm to stiff, low to moderate plasticity			Note:
30	37.5	CL	Clay, firm to stiff, moderate to high plasticity			A copy of one well log for LBD-1, LBD-2, LBD-3 and LBD-5 is attached.
37.5	48	SP	Sand			
48	50	CL	Clay, silty, soft, low plasticity			

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/yr) 11-1-05 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 531 This Water Well Record was completed on (mo/day/yr) 12-1-05 under the business name of Geotechnical Services, Inc. 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
0 (A)	CLAY(CL) - light brown, very silty, low to moderate plasticity, soft to firm, moist, sandstone/limestone 2"- 8" diameter
11.8 (A) 84 (S)	
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
44'	
45'	SAND(SP) - gray- brown, very fine to medium grained, moderately sorted, saturated
46'	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

ELEVATION	RISER
CASING: _____	TYPE: PVC
PAD: _____	SCHEDULE: 40
PROTECTIVE COVER	INSIDE DIA: 4"
TYPE: MANHOLE	LENGTH: 12'
SIZE: 18"	SCREEN
PAD SIZE: NA	TYPE: PVC
WELL SEAL	SCHEDULE: 40
TYPE: CONCRETE	SLOT: 0.010
AMOUNT: NA	INSIDE DIA: 4"
WATER: NA	LENGTH: 20'
WELL PACK	END CAP
TYPE: ROAD GRAVEL	TYPE: SLIP
AMOUNT: NA	LENGTH: NA
WATER: NA	WATER LEVEL OBSERVATIONS
	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

ELEVATION	RISER
CASING: _____	TYPE: PVC
PAD: _____	SCHEDULE: 40
PROTECTIVE COVER	INSIDE DIA: 4"
TYPE: MANHOLE	LENGTH: 12'
SIZE: 18"	SCREEN
PAD SIZE: NA	TYPE: PVC
WELL SEAL	SCHEDULE: 40
TYPE: CONCRETE/BENTONITE	SLOT: 0.010
AMOUNT: NA	INSIDE DIA: 4"
WATER: NA	LENGTH: 20'
WELL PACK	END CAP
TYPE: ROAD GRAVEL	TYPE: SLIP
AMOUNT: 150 lbs.	LENGTH: NA
WATER: NA	WATER LEVEL OBSERVATIONS
	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

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