ei gera		WATE	R WELL RECORD		2a-1212	
*	ATER WELL:	Fraction (S	SW SE SE)	Section Numb	er Township Number	Range Number
unty: goliv	Saline	S 14			т 15 s	R3 W EW
		-	address of well if locate	-	. •	
3 miles	west and	4 miles s	south of Sal	ina		
	OWNER: City					
	Box # : P.O B		METT D		Board of Agricultur	re, Division of Water Resource
	e :Salin		102-0736 S	SW-88-11	Application Number	
				8 455		9r: ,
AN "X" IN SECT	ION BOX:					t. 3
	N -	Depth(s) Ground	water Encountered 1		. <b>2</b> τ	τ. 3π. . 11/7/88
1 1	1 1 1					<sub>//yr</sub> 11/.7/.88
NW -	NE					pumping 225 gpr
1 1		Est. Yield	gpm: Well water	r wasft	after hours	pumping gpr
w	E					.in. to . 91f
·"   !	1 ! 11	WELL WATER			8 Air conditioning	
sw _	- SE I	1 Domestic	3 Feedlot	6 Oil field water supply	9 Dewatering	12 Other (Specify below)
1-3,11-		2 Irrigation			10 Observation well	
i	<b>         </b>	Was a chemical/	bacteriological sample s	submitted to Department?	Yes; If y	yes, mo/day/yr sample was su
	S	mitted			Vater Well Disinfected? Yes	
TYPE OF BLANK	CASING USED:		5 Wrought iron	8 Concrete tile	CASING JOINTS: G	lued Clamped
1 Steel	3 RMP (SI	R)	6 Asbestos-Cement			/elded
2 PVC	4 ABS	7. 4	7 Fiberglass		Th	hreaded. x.
nk casing diamet	ter 2	.in. to 7.8 .	ft Dia	in. to	ft. Dia	in. to
ing height above	e land surface1	8	.in weight		s /ft Wall thickness or gauge	No. SDR 26
	OR PERFORATION		,	7 PVC	10 Asbestos-ce	
1 Steel	3 Stainless		5 Fiberglass			;ify)
2 Brass	4 Galvaniz		6 Concrete tile	9 ABS	8	
	ORATION OPENIN				12 None used 8 Saw cut	• •
					O SAW CUI	11 None (open hole)
1 Continuous						· · · · · · · · · · · · · · · · · · ·
1 Continuous s	slot 3 M	ill slot 0.040	) <sup>11</sup> 6 Wire	wrapped	9 Drilled holes	
2 Louvered sh REEN-PERFORA	slot 3 M	ill slot 0.040  by punched  From	78 ft. to	wrapped           cut         ft., F           88         ft., F           ft., F         ft., F	9 Drilled holes 10 Other (specify)	ft. to
2 Louvered sh REEN-PERFORA GRAVEL F	siot 3 M outter 4 Ko ATED INTERVALS: PACK INTERVALS:	ill slot 0.040  by punched  From	7 Torch 7 ft. to 7.5 ft. to 7.5 ft. to	wrapped           cut         ft., F           88         ft., F           88         ft., F           ft., F	9 Drilled holes 10 Other (specify)	ft. to
2 Louvered share REEN-PERFORA  GRAVEL F  GROUT MATERIA  Dut Intervals: Fo	slot 3 M futter 4 Ko ATED INTERVALS: PACK INTERVALS: AL: 1 Neat or	ill slot 0.040  by punched  From	7 Torch 78	### A section of the content of the	9 Drilled holes 10 Other (specify)  rom f  rom f  rom f  4 Other f  ft., From	ft. to
2 Louvered sh REEN-PERFORA GRAVEL F GROUT MATERIA out Intervals: Fo at is the nearest	slot 3 M outter 4 Ke ATED INTERVALS: PACK INTERVALS: AL: 1 Neat of rorm73	ill slot 0.040  ey punched  From	7 Torch 7 Torch 78	######################################	9 Drilled holes 10 Other (specify)  rom f  rom f  rom f  4 Other ft., From  estock pens 14	ft. to
2 Louvered sh REEN-PERFORA GRAVEL F GROUT MATERIA But Intervals: Footist the nearest 1 Septic tank	slot 3 M outter 4 Kr ATED INTERVALS: PACK INTERVALS: AL: 1 Neat of rom73	ill slot 0.040 ey punched From	7 Torch 7 Torc	######################################	9 Drilled holes 10 Other (specify)  rom f  rom f  rom f  4 Other ft., From estock pens 14	ft. to
2 Louvered sh REEN-PERFORA GRAVEL F GROUT MATERIA But Intervals: For at is the nearest 1 Septic tank 2 Sewer lines	slot 3 M outter 4 K outter 4 K outter 1 K outter 1 Neat of orom 73 source of possible 4 Laters 5 Cess	ill slot 0.040 ey punched From	7 Torch 7 Torc	######################################	9 Drilled holes 10 Other (specify)  rom f  rom f  rom f  4 Other ft., From estock pens 14 el storage 15 tilizer storage 16	ft. to
2 Louvered shape and the REEN-PERFORA GRAVEL F GROUT MATERIA ut Intervals: For the state is the nearest 1 Septic tank 2 Sewer lines 3 Watertight se	slot 3 M rutter 4 K ATED INTERVALS: PACK INTERVALS:  AL: 1 Neat c rom. 73.  source of possible 4 Later 5 Cess ewer lines 6 Seep	ill slot 0.040 ey punched From	7 Torch 7 Torc	### A Property of Control of Cont	9 Drilled holes 10 Other (specify)  rom f  rom f  rom f  4 Other ft., From estock pens 14 el storage 15 tilizer storage 16 ecticide storage	ft. to
2 Louvered shape and a section from well?	slot 3 M rutter 4 K ATED INTERVALS: PACK INTERVALS:  AL: 1 Neat c rom. 73.  source of possible 4 Later 5 Cess ewer lines 6 Seep	ill slot 0.040 ey punched From	7 Torch 7 Torc	### A STATE OF THE PROPERTY OF	9 Drilled holes 10 Other (specify)  rom	ft. to
2 Louvered she REEN-PERFORA  GRAVEL F GROUT MATERIA  ut Intervals: For the section from well?  ROM TO	slot 3 M rutter 4 K ATED INTERVALS: PACK INTERVALS:  AL: 1 Neat c rom. 73 source of possible 4 Later 5 Cess ewer lines 6 Seep Adjacent	ill slot 0.040 ey punched From	7 Torch 7 Torc	### A Property of Control of Cont	9 Drilled holes 10 Other (specify)  rom	ft. to
2 Louvered share REEN-PERFORA GRAVEL F GROUT MATERIA LI Intervals: For the is the nearest 1 Septic tank 2 Sewer lines 3 Watertight section from well? ON TO 0 68	slot 3 M outter 4 Ke ATED INTERVALS: PACK INTERVALS: AL: 1 Neat of rom. 73	ill slot 0.040  ay punched  From	7 Torch 7 Torc	### A STATE OF THE PROPERTY OF	9 Drilled holes 10 Other (specify)  rom	ft. to
GRAVEL F GROUT MATERIA It Intervals: For the section from well? OM TO 0 68 68 71	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rorn 73	ill slot 0.040  ay punched  From	7 Torch 7 Pit privy 8 Sewage lago 9 Feedyard 8 W. LOG	### A STATE OF THE PROPERTY OF	9 Drilled holes 10 Other (specify)  rom	ft. to
2 Louvered shape and the second secon	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom73	ill slot 0.040  ay punched  From	7 Torch 7 Pit privy 8 Sewage lago 9 Feedyard 8 W. LOG	### A STATE OF THE PROPERTY OF	9 Drilled holes 10 Other (specify)  rom	ft. to
2 Louvered she REEN-PERFORA GRAVEL F GROUT MATERIA ut Intervals: From the second from well? O 68 68 71	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rorn 73	ill slot 0.040  ay punched  From	7 Torch 7 Pit privy 8 Sewage lago 9 Feedyard 8 W. LOG	### A STATE OF THE PROPERTY OF	9 Drilled holes 10 Other (specify)  rom	ft. to
GRAVEL F GROUT MATERIA  It intervals: Fo  It is the nearest Sewer lines Watertight section from well?  IOM TO	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom73	ill slot 0.040  ay punched  From	7 Torch 7 Pit privy 8 Sewage lago 9 Feedyard 8 W. LOG	### A STATE OF THE PROPERTY OF	9 Drilled holes 10 Other (specify)  rom	ft. to
GRAVEL F GROUT MATERIA It Intervals: For the septic tank 2 Sewer lines 3 Watertight section from well? ON TO CO 68 71 71 78	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom73	ill slot 0.040  ay punched  From	7 Torch 7 Torc	### A STATE OF THE PROPERTY OF	9 Drilled holes 10 Other (specify)  rom	ft. to
GRAVEL F GRAVEL F GRAVEL F GROUT MATERIA It intervals: For the nearest 1 Septic tank 2 Sewer lines 3 Watertight section from well? OM TO 0 68 71 71 78	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom73	ill slot 0.040  ay punched  From	7 Torch 7 Torc	### A STATE OF THE PROPERTY OF	9 Drilled holes 10 Other (specify)  rom	ft. to
GRAVEL F GRAVEL F GRAVEL F GROUT MATERIA It Intervals: For the nearest 1 Septic tank 2 Sewer lines 3 Watertight section from well? OM TO 0 68 71 71 78	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom73	ill slot 0.040  ay punched  From	7 Torch 7 Torc	### A Proposition of the proposi	9 Drilled holes 10 Other (specify)  rom	ft. to
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GRAVEL F GROUT MATERIA  It intervals: Fo  It is the nearest Sewer lines Watertight section from well?  IOM TO	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom73	ill slot 0.040  ay punched  From	7 Torch 7 Torc	### A Proposition of the proposi	9 Drilled holes 10 Other (specify)  rom	ft. to
GRAVEL F GROUT MATERIA  It intervals: Fo  It is the nearest Sewer lines Watertight section from well?  IOM TO	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom73	ill slot 0.040  ay punched  From	7 Torch 7 Torc	### A Proposition of the proposi	9 Drilled holes 10 Other (specify)  rom	ft. to
2 Louvered shape and the second secon	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom73	ill slot 0.040  ay punched  From	7 Torch 7 Torc	### A Proposition of the proposi	9 Drilled holes 10 Other (specify)  rom	ft. to
2 Louvered shape and the second secon	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom73	ill slot 0.040  ay punched  From	7 Torch 7 Torc	### A Proposition of the proposi	9 Drilled holes 10 Other (specify)  rom	ft. to
2 Louvered shape and the second secon	slot 3 M outter 4 Ke ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom73	ill slot 0.040  ay punched  From	7 Torch 7 Torc	### A Proposition of the proposi	9 Drilled holes 10 Other (specify)  rom	ft. to
2 Louvered shape and the second secon	slot 3 M outter 4 K outter 4 K outter 4 K outter 1 K outter 72  AL: 1 Neat of rom. 73  source of possible 4 Laters 5 Cess ower lines 6 Seep Adjacent  Clay Sand Clay Shale	ill slot 0.040  ay punched From	7 Torch 7 Torc	Second   S	9 Drilled holes 10 Other (specify)	ft. to
GRAVEL F GRA	slot 3 M Jutter 4 K ATED INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom. 73  source of possible 4 Laters 5 Cess ewer lines 6 Seep Adjacent  Clay Sand Clay Shale	ill slot 0.040  ay punched From	7 Torch 7 Torc	Second   S	9 Drilled holes 10 Other (specify)	ft. to
GRAVEL F GROUT MATERIA It Intervals: For the is the nearest 1 Septic tank 2 Sewer lines 3 Watertight section from well?  OM TO 68 71 78 78 91  CONTRACTOR'S Dieted on (mo/da	slot 3 M Jutter 4 K ATED INTERVALS:  PACK INTERVALS:  PACK INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom. 73  source of possible 4 Laters 5 Cess ewer lines 6 Seep Adjacent  Clay Sand Clay Shale  GOR LANDOWNER  av/year) 11/7	ill slot 0.040  ay punched  From	7 Torch 7 Torc	Second   S	9 Drilled holes 10 Other (specify)  rom from from from ft., From estock pens 14 el storage 15 tillizer storage 16 ecticide storage LITHOL	ift. to
GRAVEL F GRA	slot 3 M Jutter 4 K ATED INTERVALS:  PACK INTERVALS:  PACK INTERVALS:  PACK INTERVALS:  AL: 1 Neat of rom. 73  source of possible 4 Laters 5 Cess ewer lines 6 Seep Adjacent  Clay Sand Clay Shale  GOR LANDOWNER  av/year) 11/7	ill slot 0.040  sy punched From From From Sement ft. to	7 Torch 7 Torc	wrapped cut	9 Drilled holes 10 Other (specify)	ift. to

records.

Salina Solid Waste observation wells drilled in 1988 in Sec. 7, T.15S., R.3W., Saline County, Kansas Depths in feet below land surface.

NOV 2 8 1988

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No. 88-11, SW SE SE Sec. 7, 564 ft. east of No. 88-10. 150 ft. west of
              southeast corner of city security fence. Observation well DIVISION OF
                                                                         -MIVIEONMEN
      Colluvium and alluvium:
              Clay, silty, dark and light gray
0
              Clay, silty, light brown
5
      32
32
      68
              Clay, light gray and light brown
      71
              Sand, fine to medium and gravel, fine to medium, silty
68
              Low permeability
71
      78
              Clay, light brown
              Sand, fine to medium and gravel, fine to medium, Fairly low
78
      88
              permeability
      Permian:
88
      91
              Shale, silty, red
      2-inch SDR 26 PVC cased to 88 ft. Lower 10 ft 0.040" slot screen.
      Gravel pack 20-73 and 75-88. Bentonite pellets 73 to 75.
      Holeplug 0-20.
              Static water level 24.93 ft. below top of casing 1.5 ft. above
      land surface 11/07/88.
No. 88-12. SW SE∕SW Sec. 7. 85 ft. east and 65 ft. north of center of creek
              bridge on south line of SW quarter. Observation well
      Allu√ium:
      6
0
              Clay, silty, dark and light gray-brown and gray
6
      25.5
              Clay, silty, light brown
      27
              Sand, fine to medium and gravel, fine to medium
⁄27
      33
              Clay, light brown and light gray
33
              Sand, fine to medium and gravel, medium to fine
      36
      55
              Clay, 1/ight gray and light brown, sporadic gravel
36
              Sand, fine to medium and gravel, medium to fine.
      Permian:
56
              Shal/e, gray-green
      2-inch SDF/ 26 PVC cased to 37 ft., Lower 5 ft. 0.040" slot screen.
      37-62, Holeplug bentonite., 30-37 gravel-pack, 28-30 bentonite pellets
      20-28 gr/avel, 0-20 Hole Flug bentonite.
              Static water level, 15.88 ft. below top casing 1.6 ft. above land
      surfacé 11/08/88
No. 88-13,/SE SE SW Sec. 7, 35 ft. east of No. 88-12. Observation well.
0
              Clay, silty, gray and dark gray
      6
      17
              Clay, silty, light brown
6
      18/
17
              Sand, fine to medium, gravel, ; medium to fine and
              silt, brown
              Clay, fine sandy, light gray and yellow
      28
18
              Sand, fine to medium and gravel, fine to medium
28
      28.5
              Clav, light brown and light gray
28.5
      37
37
      39
              Sand, fine to medium and gravel, fine
39
              Clay, light brown and yellow-gray
      66.5
              Sand, fine to medium and gravel, medium to fine
      68.5
66.5
      Permian:
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68.5 72

Shale, red-brown