County:  Johnson  SW 1/4 NW 1/4 SE 1/4 24 T 13 S R  Distance and direction from nearest town or city street address of well if located within city?  WATER WELL OWNERSunflower Army Ammunition Plant  RR#, St. Address, Box # P.O. Box 549 35425 W. 103rd St  City, State, ZIP Code  DeSoto, Ks. 66018  LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  Depth(s) Groundwater Encountered 1. ft. 2. ft. 3.  WELL'S STATIC WATER LEVEL 21.0 ft. below land surface measured on mo/day/yr8-21  Pump test data: Well water was ft. after hours pumping.  Bore Hole Diameter in. to ft., and in. to  WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection  1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (S	of Water Resource
WATER WELL OWNERSunflower Army Ammunition Plant  RR#, St. Address, Box # P.O. Box 549 35425 W. 103rd St  DeSoto, Ks. 66018  LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  Depth(s) Groundwater Encountered 1. ft. 2. ft. 3.  Depth(s) Groundwater Encountered 1. ft. 2. ft. 3.  Pump test data: Well water was ft. after hours pumping.  Est. Yield gpm: Well water was ft. after hours pumping.  Bore Hole Diameter in. to ft., and in. to  WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection 12 Other (St.)  Well WATER TO BE USED AS: 5 Public water supply 9 Dewatering 12 Other (St.)	of Water Resource
R#, St. Address, Box # P.O. Box 549 35425 W. 103rd St  ity, State, ZIP Code pesoto, Ks. 66018  LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  Depth(s) Groundwater Encountered 1. ft. 2. ft. 3.  WELL'S STATIC WATER LEVEL 21.0. ft. below land surface measured on mo/day/yr8-21-9.  Pump test data: Well water was ft. after hours pumping bore Hole Diameter in to ft. and in to well water supply 8 Air conditioning 11 Injection 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (St. 2).	95
Application Number:  LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  WELL'S STATIC WATER LEVEL 21.0 ft. below land surface measured on mo/day/yr8-21-9  Pump test data: Well water was ft. after hours pumping ft. after h	95
Application Number:  LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  WELL'S STATIC WATER LEVEL 21.0 ft. below land surface measured on mo/day/yr8-21-9  Pump test data: Well water was ft. after hours pumping ft. after h	95
DEPTH OF COMPLETED WELL.  Depth(s) Groundwater Encountered 1. ft. 2. ft. 3.  WELL'S STATIC WATER LEVEL 21.0. ft. below land surface measured on mo/day/yr8=21=9  Pump test data: Well water was ft. after hours pumping .  Est. Yield gpm: Well water was ft. after hours pumping .  Bore Hole Diameter in. to ft., and in. to  WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (S	95
Depth(s) Groundwater Encountered 1	95
WELL'S STATIC WATER LEVEL . 21.0	95 gr
Pump test data: Well water was ft. after hours pumping .  Est. Yield gpm: Well water was ft. after hours pumping .  Bore Hole Diameter in. to ft., and in. to WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (S	gp
Est. Yield gpm: Well water was ft. after hours pumping  Bore Hole Diameter in. to ft., and in. to  WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (S	gp
Est. Yield gpm: Well water was ft. after hours pumping  Bore Hole Diameter in. to	gp
Bore Hole Diameter	
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection  1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (S	
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (S	
SE 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (\$	
2 Irrigation 4 Industrial 7 Laws and marks anti- Manitoring well	Specify below)
2 Irrigation 4 Industrial 7 Lawn and garden only 6 Monitoring well	
Was a chemical/bacteriological sample submitted to Department? Yes	/yr sample was s
S mitted Water Well Disinfected? Yes	No X
TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued	
An	
nk casing diameter	
sing height above land surfacein., weightlbs./ft. Wall thickness or gauge No	
PE OF SCREEN OR PERFORATION MATERIAL: TPVC 10 Asbestos-cement 10 Asbes	
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)	,
	ne (open hole)
1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes	(opon nois)
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)	
REEN-PERFORATED INTERVALS: From 50	
From	
GRAVEL PACK INTERVALS: From. 4.0 ft. to 35.0 ft., From ft. to	
From ft. to ft., From ft. to	
GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite Other microfine cement	
out Intervals: From 3.0 ft. to 35.0 ft., From ft. to ft., From ft. to	
at is the nearest source of possible contamination:  10 Livestock pens  14 Abandone	
1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gr	
2.4	
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage Cother (spe	scily below)
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill	
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill ection from well? West How many feet? 50	
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill ection from well? West How many feet? 50	LS
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill ection from well? West How many feet? 50	iLS
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill  ection from well? West How many feet? 50  ROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVA	ILS
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill How many feet? 50 ROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVA	
3 Watertight sewer lines 6 Seepage pit 9 Feedyard  13 Insecticide storage Landfill  How many feet? 50  PLUGGING INTERVA  0.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage	ed
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill  ection from well? West How many feet? 50  ROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVA  0.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage  pressure grouting with ADDIMENT-MICROCEM microfine cement. A packer was place	ed ced
3 Watertight sewer lines 6 Seepage pit 9 Feedyard  13 Insecticide storage Landfill  How many feet? 50  ROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVA  0.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage pressure grouting with ADDIMENT-MICROCEM microfine cement. A packer was place approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up	ed ced to 50
3 Watertight sewer lines 6 Seepage pit 9 Feedyard  13 Insecticide storage Landfill  How many feet? 50  PLUGGING INTERVA  0.0 3.0 clay soil-tamped  3.0 35.0 Well abandoned by stage  pressure grouting with ADDIMENT-MICROCEM microfine cement. A packer was place approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up  psi. The packer was then moved up 10' and another 12 to 25 gallons of grout	ed ced to 50 pumped
3 Watertight sewer lines 6 Seepage pit 9 Feedyard  13 Insecticide storage Landfill  How many feet? 50  PLUGGING INTERVA  0.0 3.0 clay soil-tamped  3.0 35.0 Well abandoned by stage  pressure grouting with ADDIMENT-MICROCKM microfine coment. A packer was place  approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up  psi. The packer was then moved up 10' and another 12 to 25 gallons of grout  at up to 50 psi. The procedure was repeated until the entire well annulus as	ed ced to 50 pumped
3 Watertight sewer lines 6 Seepage pit 9 Feedyard  13 Insecticide storage Landfill  How many feet? 50  PLUGGING INTERVA  0.0 3.0 clay soil-tamped  3.0 35.0 Well abandoned by stage  pressure grouting with ADDIMENT-MICROCEM microfine coment. A packer was place  approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up  psi. The packer was then moved up 10' and another 12 to 25 gallons of grout  at up to 50 psi. The procedure was repeated until the entire well annulus ar  casing were filled to the surface with grout. All surface features were remore.	ed ced to 50 pumped nd
3 Watertight sewer lines 6 Seepage pit 9 Feedyard  13 Insecticide storage Landfill  How many feet? 50  PLUGGING INTERVA  0.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage pressure grouting with ADDIMENT-MICROCKM microfine coment. A packer was place approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up psi. The packer was then moved up 10' and another 12 to 25 gallons of grout at up to 50 psi. The procedure was repeated until the entire well annulus ar casing were filled to the surface with well casing was excavated to a depth of 3', the casing cut off, then the	ed ced to 50 pumped nd
3 Watertight sewer lines 6 Seepage pit 9 Feedyard  13 Insecticide storage Landfill  How many feet? 50  PLUGGING INTERVA  0.0 3.0 clay soil-tamped  3.0 35.0 Well abandoned by stage  pressure grouting with ADDIMENT-MICROCEM microfine coment. A packer was place approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up psi. The packer was then moved up 10' and another 12 to 25 gallons of grout at up to 50 psi. The procedure was repeated until the entire well annulus ar casing were filled to the surface with grout. All surface features were remore.	ed ced to 50 pumped nd
3 Watertight sewer lines 6 Seepage pit  9 Feedyard  13 Insecticide storage Landfill  How many feet? 50  14 How many feet? 50  15 PLUGGING INTERVA  16 PLUGGING INTERVA  17 PLUGGING INTERVA  18 Insecticide storage Landfill  18 How many feet? 50  19 FROM TO PLUGGING INTERVA  19 PLUGGING INTERVA  19 PLUGGING INTERVA  19 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  21 PLUGGING INTERVA  22 PLUGGING INTERVA  23 PLUGGING INTERVA  24 PLUGGING INTERVA  25 PLUGGING INTERVA  26 PLUGGING INTERVA  26 PLUGGING INTERVA  27 PLUGGING INTERVA  28 PLUGGING INTERVA  29 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  21 PLUGGING INTERVA  22 PLUGGING INTERVA  23 Insecticide storage Landfill  How many feet? 50  PLUGGING INTERVA  26 PLUGGING INTERVA  27 PLUGGING INTERVA  28 PLUGGING INTERVA  29 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  21 PLUGGING INTERVA  22 PLUGGING INTERVA  23 Insecticide storage Landfill  How many feet? 50  PLUGGING INTERVA  26 PLUGGING INTERVA  27 PLUGGING INTERVA  28 PLUGGING INTERVA  29 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  21 PLUGGING INTERVA  22 PLUGGING INTERVA  23 PLUGGING INTERVA  24 PLUGGING INTERVA  25 PLUGGING INTERVA  26 PLUGGING INTERVA  27 PLUGGING INTERVA  28 PLUGGING INTERVA  29 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  21 PLUGGING INTERVA  21 PLUGGING INTERVA  21 PLUGGING INTERVA  26 PLUGGING INTERVA  27 PLUGGING INTERVA  27 PLUGGING INTERVA  28 PLUGGING INTERVA  28 PLUGGING INTERVA  29 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  21 PLUGGING INTERVA  21 PLUGGING INTERVA  22 PLUGGING INTERVA  23 PLUGGING INTERVA  24 PLUGGING INTERVA  26 PLUGGING INTERVA  27 PLUGGING INTERVA  28 PLUGGING INTERVA  29 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  20 PLUGGING INTERVA  21 PLUGGING INTERVA  21 PLUGGING INTERVA  21 PLUGGING INTERVA  22 PLUGGING INTE	ed ced to 50 pumped nd
3 Waterlight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill How many feet? 50 ROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVA  0.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up psi. The packer was then moved up 10' and another 12 to 25 gallons of grout at up to 50 psi. The procedure was repeated until the entire well annulus ar casing were filled to the surface with the well casing was excavated to a depth of 3', the casing cut off, then the backfilled with clay soil and tamped.  CF: KDHE, Bureau of Water  Calculated grout volume = 43.0 gal	ed ced to 50 pumped nd
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill  action from well? West How many feet? 50  ROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVA  0.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up psi. The packer was then moved up 10' and another 12 to 25 gallons of grout at up to 50 psi. The procedure was repeated until the entire well annulus ar casing were filled to the surface with grout. All surface features were remote the well casing was excavated to a depth of 3', the casing cut off, then the backfilled with clay soil and tamped.  CF: KDHE, Bureau of Water Calculated grout volume = 43.0 gal SFAAP Actual grout take = 60.0 gal	ed ced to 50 pumped nd
3 Waterlight sewer lines 6 Seepage pit 9 Feedyard  13 Insecticide storage Landfill How many feet? 50  ROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVA  0.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up psi. The packer was then moved up 10' and another 12 to 25 gallons of grout at up to 50 psi. The procedure was repeated until the entire well annulus ar casing were filled to the surface with grout. All surface features were remote the well casing was excavated to a depth of 3', the casing cut off, then the backfilled with clay soil and tamped.  CF: KDHE, Bureau of Water  Calculated grout volume = 43.0 gal	ed ced to 50 pumped nd
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3 Watertight sewer lines 6 Seepage pit  9 Feedyard  13 Insecticide storage Landfill  How many feet? 50  PLUGGING INTERVA  0.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up psi. The packer was then moved up 10' and another 12 to 25 gallons of grout at up to 50 psi. The procedure was repeated until the entire well annulus ar casing were filled to the surface with grout. All surface features were remote the well casing was excavated to a depth of 3', the casing cut off, then the backfilled with clay soil and tamped.  CF: KDHE, Bureau of Water  Calculated grout volume = 43.0 gal SFAAP  Actual grout take = 60.0 gal	ed ced to 50 pumped nd
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill How many feet? 50  ROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVA  0.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up psi. The packer was then moved up 10' at up to 50 psi. The procedure was repeated until the entire well annulus ar casing were filled to the surface with grout. All surface features were rem the well casing was excavated to a depth of 3', the casing cut off, then the backfilled with clay soil and tamped.  CF: KDHE, Bureau of Water Calculated grout volume = 43.0 gal USACE-MRK-EP-GG	ed ced to 50 pumped nd oved, hole
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill  How many feet? 50  ROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVA  0.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up psi. The packer was then moved up 10' and another 12 to 25 gallons of grout at up to 50 psi. The procedure was repeated until the entire well annulus at casing were filled to the surface with grout. All surface features were remetthe well casing was excavated to a depth of 3', the casing cut off, then the backfilled with clay soil and tamped.  CF: KDHE, Bureau of Water Calculated grout volume = 43.0 gall USACE-MRK-EP-GG  CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or 3 plugged under my juice and constructed and const	ed  ced  to 50  pumped  nd  oved,  hole
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Landfill 13 How many feet? 50 13 May 10 LITHOLOGIC LOG FROM TO PLUGGING INTERVA  0.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage pressure grouting with ADDIMENT-MICROCEM microfine cement. A packer was place approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up psi. The packer was then moved up 10' and another 12 to 25 gallons of grout at up to 50 psi. The procedure was repeated until the entire well annulus and casing were filled to the surface with grout. All surface features were remet the well casing was excavated to a depth of 3', the casing cut off, then the backfilled with clay soil and tamped.  CF: KDHE, Bureau of Water Calculated grout volume = 43.0 gal SFFAAP Actual grout take = 60.0 gal  CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my puppleted on (mo/day/year) 8-21-95 and this record is true to the best of my knowledge	ed  ced  to 50  pumped  nd  oved,  hole
3 Watertight sewer lines 6 Seepage pit cition from well? West  NOM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVA  O.0 3.0 clay soil-tamped 3.0 35.0 Well abandoned by stage approx. 10' above bottom of the well, 12 to 25 gallons of grout pumped at up psi. The packer was then moved up 10' and another 12 to 25 gallons of grout at up to 50 psi. The procedure was repeated until the entire well annulus ar casing were filled to the surface with grout. All surface features were reme the well casing was excavated to a depth of 3', the casing cut off, then the backfilled with clay soil and tamped.  CF: KDHE, Bureau of Water Calculated grout volume = 43.0 gal SFAAP Actual grout take = 60.0 gal  CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or 3 plugged under my ju	ed  ced  to 50  pumped  nd  oved,  hole