

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Seward	NW 1/4 NW 1/4 NW 1/4	4	T 34 S	R 34 EW

Distance and direction from nearest town or city street address of well if located within city? **From Liberal go Northwest to Widea Wake Road and Tucker Road go 3 3/4 mi North and East into location.**

2 WATER WELL OWNER: **Hallie Nix c/o Loren Nix** **Santa Fe Minerals**
 RR#, St. Address, Box #: **Route #1** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: **Liberal, Kansas 67901** Application Number: **T 87-236**

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

4 DEPTH OF COMPLETED WELL: **280** ft. ELEVATION:
 Depth(s) Groundwater Encountered 1. **160** ft. 2. ft. 3. ft.
 WELL'S STATIC WATER LEVEL **120** ft. below land surface measured on mo/day/yr **7/1/87**.
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield **100** gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter **9** in. to **280** ft., and in. to ft.
 WELL WATER TO BE USED AS:
 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 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: Glued Clamped
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
 7 Fiberglass Threaded
 Blank casing diameter **5 1/2** in. to **180** ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface **28** in., weight **2.85** lbs./ft. Wall thickness or gauge No. **265**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify)
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 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 **180** ft. to **280** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **26** ft. to **100** ft., From **120** ft. to **280** ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other Grout Hole plug
 Grout Intervals: From **6** ft. to **20** ft., From **100** ft. to **120** ft., cement 20 ft. to **26** 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 16 Other (specify below)
 13 Insecticide storage
 Direction from well? **Southwest of water well** How many feet? **495'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	28	sandy clay			
28	35	clay			
35	66	fine sand & med. sand			
66	108	70% med. to lg. sand & 30% gravel			
108	136	clay			
136	187	sandy clay			
187	226	med. to large sand			
226	280	20% clay, 40% fine sand & 40% med. sand			

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) **July 1, 1987** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **118**. This Water Well Record was completed on (mo/day/yr) **July 8, 1987** under the business name of **Carlile Water Well Service, Inc.** by (signature) *[Signature]*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

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