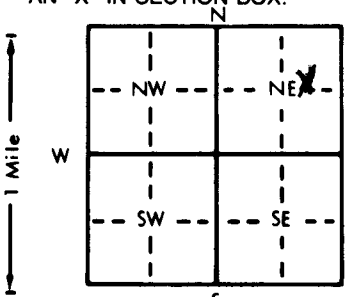


1 LOCATION OF WATER WELL: Fraction **SW 1/4 NE 1/4 NE 1/4** Section Number **5** Township Number **T 32 S** Range Number **R 34** **(EW)**  
 County: **Seward**  
 Distance and direction from nearest town or city street address of well if located within city? **From Juc. of 83 & 51 Hwy go 7 mi. West 9 mi North 3/4 mi East 1/4 mi South into location.**

2 WATER WELL OWNER: **Ben Jerman** **Santa Fe Minerals**  
 RR#, St. Address, Box #: **Route #2 Box 81** Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: **Liberal, Kansas 67901** Application Number: **T 87-216**


3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: **320** ft. ELEVATION: .....  
 Depth(s) Groundwater Encountered 1. **205** ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL **115** ft. below land surface measured on mo/day/yr **6/12/87**  
 Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield **90** gpm: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Bore Hole Diameter **9** in. to **320** 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ..... Clamped .....  
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded .....  
 2 PVC 4 ABS 7 Fiberglass ..... Threaded.....  
 Blank casing diameter **5 1/2** in. to **200** 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: 7 PVC 10 Asbestos-cement  
 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)  
 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 **200** ft. to **320** ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From **140** ft. to **320** ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other .....  
 Grout intervals: From **0** ft. to **10** ft., From ..... ft. to ..... ft., From ..... ft. to ..... 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? **200'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	8	clay & caliche			
8	56	med. to large sand & gravel			
56	91	gravel			
91	103	clay			
103	146	med. to large sand			
146	153	clay			
153	182	med. to large sand			
182	272	med. to large sand			
272	303	50% white clay & 50% med. to large sand			
303	320	sandy clay			

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) **June 12, 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) **June 16, 1987** under the business name of **Carlile Water Well Service, Inc.** by (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.