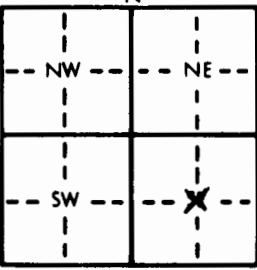


1 LOCATION OF WATER WELL: County: Seward		Fraction 1/4 C-SE 1/4	Section Number 1	Township Number T 32 S	Range Number R 32 E																																																
Distance and direction from nearest town or city street address of well if located within city? From Kismet follow blacktop North' to Hwy 160 then lmi West lmi North lmi West North in to location.																																																					
2 WATER WELL OWNER: Tucker Production RR#, St. Address, Box #: c/o Bob Higgenbottom Box 6 City, State, ZIP Code: Liberal, Kansas 67901 Board of Agriculture, Division of Water Resources Application Number: T 81-489																																																					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;">  </div>		4 DEPTH OF COMPLETED WELL: 300 ft. ELEVATION: Depth(s) Groundwater Encountered 1. 80 ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 220 ft. below land surface measured on mo/day/yr 7/25/81 Pump test data: Well water was ft. after hours pumping gpm Est. Yield 60 gpm: Well water was ft. after hours pumping gpm Bore Hole Diameter 9" in. to 300 ft. and in. to ft. WELL WATER TO BE USED AS: <div style="display: flex; justify-content: space-between;"> <div> 1 Domestic 2 Irrigation </div> <div> 3 Feedlot 4 Industrial </div> <div> 6 Oil field water supply 7 Lawn and garden only </div> <div> 8 Air conditioning 9 Dewatering </div> <div> 11 Injection well 12 Other (Specify below) </div> </div> 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: <div style="display: flex; justify-content: space-between;"> <div> 1 Steel 2 PVC Blank casing diameter 5 in. to 240 ft., Dia. in. to ft., Dia. in. to ft. Casing height above land surface 28 in., weight 2.78 lbs./ft. Wall thickness or gauge No. 256 </div> <div> 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) CASING JOINTS: Glued Clamped Welded Threaded </div> </div> TYPE OF SCREEN OR PERFORATION MATERIAL: <div style="display: flex; justify-content: space-between;"> <div> 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole) </div> </div> SCREEN OR PERFORATION OPENINGS ARE: <div style="display: flex; justify-content: space-between;"> <div> 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 11 None (open hole) </div> </div> SCREEN-PERFORATED INTERVALS: From 240 ft. to 300 ft., From ft. to ft. GRAVEL PACK INTERVALS: From 120 ft. to 300 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: <div style="display: flex; justify-content: space-between;"> <div> 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) </div> </div> Direction from well? Northeast of water well. How many feet? 100																																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>2</td> <td>surface</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>23</td> <td>clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>23</td> <td>74</td> <td>sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>74</td> <td>82</td> <td>medium to large sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>82</td> <td>112</td> <td>sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>112</td> <td>177</td> <td>60% clay & 40% fine sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>117</td> <td>300</td> <td>medium to large sand with clay streaks</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG	0	2	surface				2	23	clay				23	74	sandy clay				74	82	medium to large sand				82	112	sandy clay				112	177	60% clay & 40% fine sand				117	300	medium to large sand with clay streaks			
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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 25, 1981 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) August 10, 1981 under the business name of Carlile Water Well Service, Inc. by (signature) <i>Edward E. Miano</i>																																																					
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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.																																																					