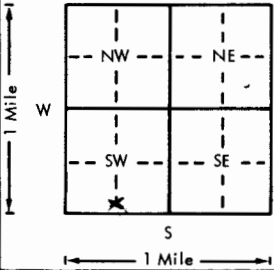


USE TYPEWRITER OR BALL
POINT PEN-PRESS FIRMLY,
PRINT CLEARLY.

WATER WELL RECORD
KSA 82a-1201-1215

Kansas Department of Health and
Environment-Division of Environment
(Water well Contractors)
Topeka, Kansas 66620

1. Location of well:	County <u>Gray</u>	Fraction <u>1/4 S 2 1/4 SW 1/4</u>	Section number <u>25</u>	Township number <u>T 24 S</u>	Range number <u>R 29 E</u> W	
2. Distance and direction from nearest town or city: <u>6 3/4 N & 3/4 W of Ingalls</u> Street address of well location if in city:			3. Owner of well: <u>Rudy Loewen</u> R.R. or street: City, state, zip code: <u>Ingalls, KS 67853</u>			
4. Locate with "X" in section below: <div style="text-align: center;">N</div>  <div style="text-align: center;">S</div>		Sketch map:		6. Bore hole dia. <u>26</u> in. Completion date <u>12-18-76</u> Well depth <u>273</u> ft.		
5. Type and color of material		From		To		7. <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input checked="" type="checkbox"/> Reverse rotary
						8. Use: <input type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input type="checkbox"/> Industry <input checked="" type="checkbox"/> Irrigation <input type="checkbox"/> Air conditioning <input type="checkbox"/> Stock <input type="checkbox"/> Lawn <input type="checkbox"/> Oil field water <input type="checkbox"/> Other
						9. Casing: Material <u>Steel</u> Height <u>Above</u> or below Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Surface <u>12</u> in. RMP <input type="checkbox"/> PVC <input type="checkbox"/> Weight <u>31</u> lbs./ft. Dia. <u>16</u> in. to <u>273</u> ft. depth Wall Thickness: inches or Dia. <u>16</u> in. to <u>273</u> ft. depth gage No. <u>188</u>
						10. Screen: Manufacturer's name <u>Brown</u> Type <u>Louvered</u> Dia. <u>16"</u> Slot/gauze <u>125</u> Length <u>65'</u> Set between <u>270-250</u> ft. and <u>240-230</u> ft. <u>220-185</u> ft. and <u>185</u> ft. Gravel pack? <u>Yes</u> Size range of material <u>1/4 x 1/8</u>
						11. Static water level: <u>157</u> ft. below land surface Date <u>12-18-76</u> mo./day/yr.
(Use a second sheet if needed)						12. Pumping level below land surfaces: <u>260</u> ft. after <u> </u> hrs. pumping <u>733</u> g.p.m. <u> </u> ft. after <u> </u> hrs. pumping <u> </u> g.p.m. Estimated maximum yield <u> </u> g.p.m.
						13. Water sample submitted: <u> </u> mo./day/yr. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date <u> </u>
						14. Well head completion: <u> </u> Pitless adapter <u>12</u> inches above grade
						15. Well grouted? <u>Yes</u> With: <u> </u> Neat cement <input checked="" type="checkbox"/> Bentonite <u> </u> Concrete Depth: From <u>0</u> ft. to <u>0</u> ft.
						16. Nearest source of possible contamination: <u>None</u> ft. <u> </u> Direction <u> </u> Type <u>observed</u> Well disinfected upon completion? <u> </u> Yes <input checked="" type="checkbox"/> No
(Use a second sheet if needed)						17. Pump: <input checked="" type="checkbox"/> Not installed Manufacturer's name <u> </u> Model number <u> </u> HP <u> </u> Volts <u> </u> Length of drop pipe <u> </u> ft. capacity <u> </u> g.p.m. Type: <u> </u> Submersible <u> </u> Turbine <u> </u> Jet <u> </u> Reciprocating <u> </u> Centrifugal <u> </u> Other
						20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <u>Henkle Drlg. & Supply 145</u> Business name <u> </u> License No. <u> </u> Address <u>Box 639 Garden City, KS</u> Signed <u>E. L. Bothwell</u> Date <u>1-17-77</u> Authorized representative
						18. Elevation: <u>Flat</u> Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input type="checkbox"/> Upland <input type="checkbox"/> Valley
						19. Remarks:
						20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. <u>Henkle Drlg. & Supply 145</u> Business name <u> </u> License No. <u> </u> Address <u>Box 639 Garden City, KS</u> Signed <u>E. L. Bothwell</u> Date <u>1-17-77</u> Authorized representative

Forward the white, blue and pink copies to the Department of Health and Environment

Form WWC-5

DRILLERS TEST LOG

CUSTOMERS NAME Rudy Loewen DATE 11-19-76
STREET ADDRESS _____ TEST # 1 E. Log
CITY & STATE Ingalls, KS DRILLER Lee
COUNTY Gray QUARTER SW SECTION 25 TOWNSHIP 24 RANGE 29
LOCATION Center of 1/4 on south side & 100' north

				WELL LOCATION	
				Static Water Level	
%	DRILLED	FOOTAGE		Description of Strata	Proposed Well Depth
	From	Pay	To		
	0		3	Top soil	
	3		30	Brown clay	
	30		67	Brown clay, caliche, few lime rock, ledges	
	67		82	Sand fine med. coarse, small gravel, cemented ledges, used water	
	82		91	Brown clay, hard ledges, used pull down, lost circulation at 85'. Mixed 2 sacks mud & 1/2 sack bran-- still used water.	
	91		100	Sand fine med. and clay st.	
	100		117	Brown clay, few ledges, few sand st.	
	117		122	Sand fine med. coarse, few small gravel, clay st.	
	122		135	Brown clay and sand st.	
20	135	10	145	Sand fine med., few clay st.	
	145		160	Brown clay, some white clay	
35	160	10	170	Sand fine to med., very few clay st.	
	170		174	Brown clay and broken rock	
45	174	6	180	Sand fine med., few coarse, few tiny white rock	
70	180	9	189	Sand fine med. coarse, small gravel, white rock, small to med.	
	189		199	Brown clay, few broken rock, sand st.	
50	199	21	220	Sand fine med. coarse, small white rock, very few clay st., loose in places	
	220		223	Brown clay	
40	223	11	234	Sand fine med. coarse, very few tiny white rock, few clay st.	
	234		237	Brown clay	
70	237	15	252	Sand fine med. coarse, small gravel, white and tan rock, loose in places, used water	
	252		266	Brown clay, sand st.	
40	266	5	271	Sand fine med. coarse, clay st.	
	271		279	Soapstone, yellow st., started using lots of water. Mixed 2 sacks of mud, 1/2 sack bran.	
	279		280	Shale	
		87			
				TOTAL DEPTH OF WELL 273 FT.	
				Set up south	
				Dig pit on west	