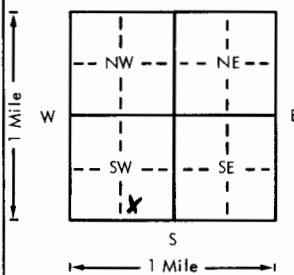


USE TYPEWRITER OR BALL  
POINT PEN-PRESS FIRMLY,  
PRINT CLEARLY.

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 Gray	Fraction SW 1/4 SE 1/4 SW 1/4	Section number 25	Township number T 24	Range number S R 29	E N		
2. Distance and direction from nearest town or city: 7 N & 3/4 W of Ingalls	3. Owner of well: Loewen Farms R.R. or street: c/o Rudy Loewen City, state, zip code: Ingalls, KS 67853							
4. Locate with "X" in section below:  	Sketch map:							
5. Type and color of material See attachment	From	To	6. Bore hole dia. 26 in. Completion date 3-10-77 Well depth 273 ft.					
			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 Steel Height: Above or below Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface 12 in. RMP <input type="checkbox"/> PVC <input type="checkbox"/> Weight 31 lbs./ft. Dia. 16 in. to 273 ft. depth, Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth, gage No. 188					
			10. Screen: Manufacturer's name Brown Type Louvered Dia. 16" Slot/gauze .125 Length 66 Set between 251-271 ft. and 215-241 ft. 185-205 ft. and <input type="checkbox"/> ft. Gravel pack? Yes Size range of material 1/4 x 1/8					
			11. Static water level: 144 ft. below land surface Date 3-11-77					
			12. Pumping level below land surfaces: 245 ft. after <input type="checkbox"/> hrs. pumping 677 g.p.m. <input type="checkbox"/> ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. Estimated maximum yield <input type="checkbox"/> g.p.m.					
			13. Water sample submitted: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <input type="checkbox"/>					
			14. Well head completion: Pitless adapter 12 Inches above grade					
			15. Well grouted? Yes With: <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From 0 ft. to 10 ft.					
			16. Nearest source of possible contamination: ft. <input type="checkbox"/> Direction <input type="checkbox"/> Type observed Well disinfected upon completion? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
			17. Pump: <input checked="" type="checkbox"/> Not installed Manufacturer's name <input type="checkbox"/> Model number <input type="checkbox"/> HP <input type="checkbox"/> Volts <input type="checkbox"/> Length of drop pipe <input type="checkbox"/> ft. capacity <input type="checkbox"/> g.p.m. Type: <input type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other					
(Use a second sheet if needed)			18. Elevation: Flat 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. Henkle Drilg. & Supply 145 Business name <input type="checkbox"/> Address <input type="checkbox"/> Box 639 Garden City, KS Signed <input type="checkbox"/> Date 3-17-77 Authorized representative <input type="checkbox"/>					

THE JOURNAL OF CLIMATE

CUSTOMERS NAME Loewen Farms #2 DATE 2-7-77  
STREET ADDRESS  TEST # 8 E. LOG 280'  
CITY & STATE Ingalls, KS DRILLER Rector  
COUNTY Gray QUARTER SW SECTION 25 TOWNSHIP 24 RANGE 29  
LOCATION 25' SE of well or Test #1

%	FOOTAGE			DESCRIPTION OF STRATA	WELL LOCATION	
	From	Pay	To		Static Water Level	Proposed Well Depth
	0		3	Top soil		
	3		40	Brown clay		
	40		63	Caliche and lime rock, hard, used pull down		
	63		100	Sand and gravel, cemented in places, very small clay sts., used lots of water		
	100		117	Brown clay and caliche		
35	117	25	150	Sand fine med. coarse, small gravel		
	150		160	Brown clay and sand		
50	160	20	180	Sand fine med. coarse, med. small and very few tiny white rock and small clay sts., used lots of water		
65	180	10	190	Sand fine med. coarse, small gravel and small white rock, loose, used lots of water		
	190		197	Brown clay		
55	197	43	240	Sand fine med. coarse, med. small gravel, med. small white rock and very fine clay sts., used water		
70	240	11	251	Sand fine med. coarse, small brown gravel and small white rock, loose, used lots of water (good)		
	251		265	Brown clay and small sand sts.		
45	265	6	271	Sand fine med. coarse, small white and tan rock, used lots of water		
	271		279	Yellow clay and soapstone		
	279		280	Shale		
	115			TOTAL DEPTH OF WELL 273 FT.		
				Set up north		
				Pit on east		

GARDEN CITY, KS  
Phone 276-3278

TEST HOLES \* \*

## TECHNIQUES

BENKIN DRILLING & SUPPLY CO., INC.

## IRRIGATION HEADQUARTERS

SUBLETTE, KS

Phone 675-4311

TEST HOLES \* \* \* \* \* IRRIGATION & INDUSTRIAL WELLS \* \* \* \* STOCK WELLS