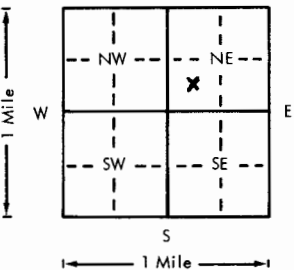


USE TYPEWRITER OR BALL POINT PEN. PRESS FIRMLY. PRINT CLEARLY.

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 Center of 1/4 SW 1/4 NE 1/4	Section number 10	Township number T 25 S	Range number R 29 E		
2. Distance and direction from nearest town or city: 4 3/4 N & 2 1/4 W of Ingalls Street address of well location if in city:			3. Owner of well: George Loewen R.R. or street: Ingalls, KS 67853 City, state, zip code:				
4. Locate with "X" in section below: N  W E S 1 Mile		Sketch map:		6. Bore hole dia. 26 in. Completion date _____ Well depth 320 ft. 3-15-77			
5. Type and color of material See attachment		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 Steel Height Above or below Threaded _____ Welded <input checked="" type="checkbox"/> Surface 12 in. RMP _____ PVC _____ Weight 31 lbs./ft. Dia. 6 in. 320 ft. depth Wall Thickness: inches or Dia. _____ in. to _____ ft. depth Gauge No. 188	
						10. Screen: Manufacturer's name Brown Type Louvered Dia. 16" Slot/gauze 1/8" Length 130' Set between 320-300 ft. and 280-205 ft. 195-160 ft. and _____ ft. Gravel pack? <input checked="" type="checkbox"/> Yes Size range of material 1/4 x 1/8	
						11. Static water level: 135 ft. below land surface Date 3-17-77 mo./day/yr.	
						12. Pumping level below land surfaces: 230 ft. after _____ hrs. pumping 1213 g.p.m. _____ ft. after _____ hrs. pumping _____ g.p.m. Estimated maximum yield _____ g.p.m.	
						13. Water sample submitted: _____ mo./day/yr. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date _____	
						14. Well head completion: <input type="checkbox"/> Pitless adapter 12 Inches above grade	
						15. Well grouted? <input checked="" type="checkbox"/> 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: None observed ft. _____ Direction _____ Type _____ Well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
17. Pump: <input checked="" type="checkbox"/> Not installed Manufacturer's name _____ Model number _____ HP _____ Volts _____ Length of drop pipe _____ ft. capacity _____ 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. Hienkle Drlg. & Supply 145 Business name License No. _____ Address Box 639 Garden City, KS Signe E. L. Pothol Date 4-7-77 Authorized representative				

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

Form WWC-5

DRILLERS TEST LOG

CUSTOMERS NAME George Loewen DATE 12-27-76
 STREET ADDRESS _____ TEST # 4 E. LOG 320'
 CITY & STATE Ingalls, KS DRILLER Rector
 COUNTY Gray QUARTER NE SECTION 10 TOWNSHIP 25 RANGE 29

LOCATION 390' SE of Test #3

% DRILLED	FOOTAGE		Description of Strata	WELL LOCATION	
	From	To		Static Water Level	Proposed Well Depth
	0	2	Top soil		
	2	40	Brown sandy clay and small sand sts.		
	40	53	Sand fine to med.		
	53	60	Brown clay and fine sand		
	60	65	Sand		
	65	85	Caliche, clay and cemented sand		
	85	95	Sand and gravel, lost circulation at 80'--mixed 4 bags of Quik-Gel		
	95	100	Clay and caliche		
	100	110	Sand and gravel (firm)		
	110	120	Brown clay, sand and caliche		
25	120	4	124	Sand fine to med.	
	124		130	Brown clay	
55	130	33	163	Sand fine med. coarse, small gravel, fairly loose, used water	
	163		170	Brown clay, caliche and gyp rock	
30	170	10	180	Cemented sand, fine med. coarse, caliche and brown clay, drilled firm	
55	180	20	200	Cemented sand fine med. coarse, clay and gyp rock, used water	
35	200	3	203	Sand fine med. coarse	
	203		217	Brown clay, caliche and sand	
60	217	8	225	Sand fine med. coarse, small gravel and small white and tan rock, loose, used water	
	225		237	Brown clay	
	237		245	Brown sandy clay	
50	245	15	260	Sand fine med. coarse, med. small gravel	
	260		265	Brown clay	
40	265	15	280	Sand fine med. coarse, few med. small gravel and clay sts.	
65	280	20	300	Sand fine med. coarse, small brown gravel and white and tan rock, loose, used lots of water	
40	300	6	306	Brown clay and sts. of broken white rock	
60	306	10	316	Sand fine med. coarse, white and tan rock, used lots of water	
	316		319	Brown sandy clay	
	319		320	Shale	TOTAL DEPTH OF WELL 320 FT.
		144			Set up east; pit on south

GARDEN CITY, KS HENKLE DRILLING & SUPPLY CO., INC. SUBLETTE KS
 PHONE 276-3278 PHONE 675-4311

TEST HOLES * * * * * IRRIGATION AND INDUSTRIAL WELLS * * * * * STOCK WELLS