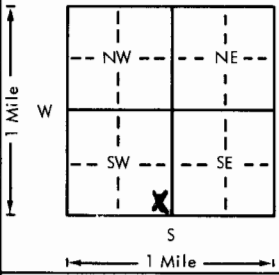


USE TYPEWRITER OR BALL
POINT PEN-PRESS FIRMLY,
PRINT CLEARLY.

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 Haskell	Fraction SE 1/4 SE 1/4 SW 1/4	Section number 29	Township number T 30 S	Range number R 33 E
2. Distance and direction from nearest town or city: 1 3/4 mi S., 1 1/2 mi E. from Satanta, Kansas Street address of well location if in city:			3. Owner of well: Ron and Shirley Lucas R.R. or street: City, state, zip code: Satanta, Kansas 67870			
4. Locate with "X" in section below:		Sketch map:		6. Bore hole dia. 26 in. Completion date 7/19/77 Well depth 603 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		
5. Type and color of material		From		To		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 603 ft. depth Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. 219
See attachment						10. Screen: Manufacturer's name Doerr Type louvered Dia. 16 " Slot gauge 1/8 Length 126 ' Set between 350 ft. and 371 ft. 391'-412' ft. and 519'-603' ft. Gravel pack? Yes Size range of material #1 coarse
						11. Static water level: <input type="checkbox"/> mo./day/yr. 235 ft. below land surface Date 7/28/77
						12. Pumping level below land surfaces: 272 ft. after <input type="checkbox"/> hrs. pumping 1800 g.p.m. <input type="checkbox"/> ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. Estimated maximum yield 1800 g.p.m.
						13. Water sample submitted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date <input type="checkbox"/> mo./day/yr.
						14. Well head completion: <input type="checkbox"/> 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: None ft. <input type="checkbox"/> Direction <input type="checkbox"/> Type Observed Well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
						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: x 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 Drilling & Sply 145 Business name License No. Address Box 639, Garden City, KS Signed Bruce J. Richmond Date 7/28/77 Authorized representative		

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

Form WWC-5

DRILLERS TEST LOG

CUSTOMERS NAME Ronald Lucas DATE 5/9/77
STREET ADDRESS _____ TEST # 1 E. LOG Yes
CITY & STATE Satanta, Ks. DRILLER Martinez
COUNTY Haskell QUARTER SW SECTION 29 TOWNSHIP 30 RANGE 33
LOCATION 350 ft. NW of the SE corner of the SW $\frac{1}{4}$

WELL LOCATION

%	FOOTAGE From Pay To			DESCRIPTION OF STRATA	Static Water Level _____ Proposed Well Depth _____
	0		2	Top Soil	
	2		20	Brown Clay. few lime rock st.	
	20		41	Brown Sandy Clay. Fine sand st. Few lime rock.	
	41		86	Sand fine to med. coarse. Few clay st.	
	86		100	Brown Sandy Clay.	
	100		121	Brown Clay. Few lime rock st.	
70	121	40	285	Sand fine to med. coarse. Small to med. gravel. Very few clay st. Loose. Used water.	
	285		300	Brown clay - sticky.	
	300		321	Blue clay - sticky.	
	321		338	Blue and brown clay mixed - sticky. Very few sand st.	
60	338	22	360	Sand fine to med. coarse. Small gravel. Loose. Used water.	
70	360	49	409	Sand fine to med. coarse. Small to med. gravel. Loose. Used water.	
	409		420	Brown clay, few lime rock st.	
	420		475	Brown clay and lime rock.	
Fair	475	27	502	Yellow clay, brown rock st and sandstone st. Used water. Drilled loose.	
	502		520	Weather Shale and soapstone.	
Good	520	20	540	Dakota Sandstone. Drilled loose in places. Used water. Few shale st.	
Good	540	38	578	Dakota Sandstone. Drilled loose in places. Used water.	
Good	578	22	600	" " . Loose. Used lots of water. (Loss circulation.)	
	600		620	Redbed, hard.	
		218			
				Total Depth of Well 603 ft.	
				Set up facing North	
				Dig pit on the East	

GARDEN CITY, KS

Phone 276-3278

HENKLE DRILLING & SUPPLY CO., INC.

IRRIGATION HEADQUARTERS

SUBLETTE, KS

Phone 675-4311

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