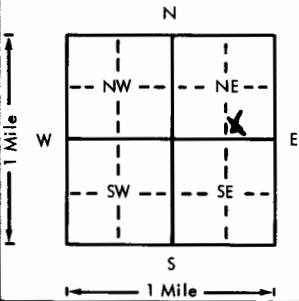


USE TYPEWRITER OR BALL
POINT PEN-PRESS FIRMLY,
PRINT CLEARLY.

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 SW 1/4 SE 1/4 NE 1/4	Section number 6	Township number T 28 S R 31 E	Range number 31
2. Distance and direction from nearest town or city: Approximately 7 miles NW of Copeland, Kansas Street address of well location if in city:			3. Owner of well: Emil Nightengale R.R. or street: City, state, zip code: Sublette, Kansas 67877		
4. Locate with "X" in section below: Sketch map: 			6. Bore hole dia. 26 in. Completion date 12/6/77 Well depth 576 ft.		
5. Type and color of material See Attachment			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 checked="" 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 42.05 lbs./ft. Dia. 16 in. to 576 ft. depth Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. 250		
			10. Screen: Manufacturer's name Doerr Type Louvered Dia. 16 " Slot/gauze .125 Length 126 ' Set between 300 ft. and 405 ft. 419 ft. and 440 ft. Gravel pack? Yes Size range of material #1 Coarse		
			11. Static water level: <input type="checkbox"/> mo./day/yr. 198 ft. below land surface Date 12/8/77		
			12. Pumping level below land surfaces: 246 ft. after <input type="checkbox"/> hrs. pumping 1632 g.p.m. <input type="checkbox"/> ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. Estimated maximum yield 1,700 g.p.m.		
			13. Water sample submitted: <input type="checkbox"/> mo./day/yr. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <input type="checkbox"/>		
			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 12/14/77 Authorized representative		

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

Form WWC-5

DRILLERS TEST LOG

CUSTOMERS NAME Emil Nightengale DATE 8/23/77
STREET ADDRESS _____ TEST # 1 E. LOG Yes
CITY & STATE Sublette, Kansas DRILLER Martinez
COUNTY Haskell QUARTER NE SECTION 6 TOWNSHIP 28 RANGE 31
LOCATION 1340' West of the SE corner of the 1/4.

				WELL LOCATION	
%	FOOTAGE			DESCRIPTION OF STRATA	Static Water Level
	From	Pay	To		Proposed Well Depth
	0		2	Top Soil	
	2		101	Brown clay	
	101		141	Sand fine to med coarse, small to large gravel. Drilled rough.	
	141		148	Brown clay.	
60	148	15	200	Sand fine to med coarse, small to med gravel. Loose - used water.	
70	200	34	234	Sand fine to med coarse, small to med with a few large size gravel. Loose - used water.	
	234		240	Brown clay.	
60	240	11	251	Sand fine to med coarse, small to med gravel. Loose - used water.	
	251		261	Brown clay.	
60	261	30	291	Sand fine to med coarse, small gravel. Loose - used water. A few cemented sts.	
	291		304	Brown clay.	
70	304	97	401	Sand fine to med coarse, small to med gravel. Loose - used water. A few cemented sts.	
	401		420	Brown clay.	
60	420	20	440	Sand fine to med coarse, small gravel. Loose - used water.	
	440		551	Brown clay with a few limerock sts. Very few fine sand sts.	
70	551	20	571	Sand fine to med coarse, small brown gravel. Loose - used water. A few brown rock sts.	
	571		580	Soapstone with weather shale sts.	
	227				
				TOTAL DEPTH OF WELL 574'	
				Set up on the West	
				Pit on the North	
				Used 5 Quik GEL	

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