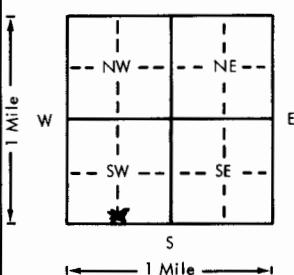


USE TYPEWRITER OR BALL  
POINT PEN-PRESS FIRMLY,  
PRINT CLEARLY.

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	Fraction	Section number	Township number	Range number
	Gray	$S\frac{1}{4} S\frac{1}{2} NW SW 1/4$	15	T 27	S R 30 E
2. Distance and direction from nearest town or city: 10 $\frac{1}{2}$ N. & 2 $\frac{1}{4}$ E. of Copeland Street address of well location if in city:	3. Owner of well: R.R. or street: City, state, zip code:		Lawrence Withers Copeland, KS 67837		
4. Locate with "X" in section below: 	Sketch map:		6. Bore hole dia. 26 in. Completion date 3-11-77 Well depth 283 ft.		
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 <input checked="" type="checkbox"/> 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 283 ft. depth Wall Thickness: inches or Dia. in. to ft. depth gage No. 188		
			10. Screen: Manufacturer's name <input checked="" type="checkbox"/> Brown Type Louvered Dia. 16" Slot/gauze .125 Length 96 Set between 180 ft. and 260 ft. 154 ft. and 170 ft. Gravel pack? <input checked="" type="checkbox"/> Yes Size range of material $\frac{1}{4} \times 1/8$		
			11. Static water level: mo./day/yr. 95 ft. below land surface Date 3-15-77		
			12. Pumping level below land surfaces: 118 ft. after hrs. pumping 1451 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 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: ft. Direction Type Well disinfected upon completion? 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. 145 Henkle Drilg. & Supply Co. Business name <input type="checkbox"/> License No. Address BOX 639 Garden City, KS Signed <i>E.R. Bothwell</i> Date 4-7-77 Authorized representative		

DRILLERS TEST LOG

CUSTOMERS NAME Lawrence Withers DATE 9-20-75  
STREET ADDRESS \_\_\_\_\_ TEST # 1 E-Log 300'  
CITY & STATE Copeland, KS DRILLER Rector  
COUNTY Gray QUARTER SW SECTION 15 TOWNSHIP 27 RANGE 30

LOCATION 1320' east of SW corner of the  $\frac{1}{4}$ .

## WELL LOCATION

%	Drilled Footage			Description of Strata	Static Water Level
	From	Pay	To		Proposed Well Depth
	0		7	Top soil	
	7		47	Sand fine to med & very fine clay st	
80	52	84	154	Sand fine to med coarse, med to small & large gravel, loose, used lots of water, mud heavy.	
	154		180	Brown sandy clay & sand	
	180		220	Brown chalky clay, sand sts & few ledges	
35	220	40	260	Brown sandy clay & sand fine to med, fairly loose, used little water.	
80	260	20	280	Sand fine to med coarse, small dark brown gravel & small white rock (loose) & ragged, used lots of water (mud heavy)	
	280		290	Soapstone & yellow clay	
	290		300	Shale	

**TOTAL DEPTH OF WELL, 283'**

Set up face east, pit on south  
Pump Discharge face south

Costa Rica: *Neuroleucus* *decolor*  
60 pp.