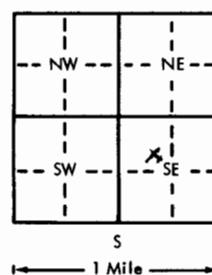


USE TYPEWRITER OR BALL
POINT PEN-PRESS FIRMLY,
PRINT CLEARLY.

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 SE 1/4	NW 1/4	SE 1/4	Section number 17	Township number 29	Range number 30	E/W
2. Distance and direction from nearest town or city: 1 1/2 S. of Copeland	Street address of well location if in city:				3. Owner of well: Harold Nichols R.R. or street: Copeland, KS 67837			
4. Locate with "X" in section below: 					Sketch map: Well drilled 7-12-76			
					6. Bore hole dia. 26 in. Completion date 7-13-76 Well depth 424 ft.			
					7. 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. 424 ft. depth Wall Thickness: inches or Dia. in. to ft. depth gage No. 188			
					10. Screen: Manufacturer's name Brown Type Louvered Dia. 16" Slot/gauze 1/8" Length 150' Set between 420 ft. and 270 ft. ft. and ft. Gravel pack? YES Size range of material 1/4 x 1/8			
					11. Static water level: mo./day/yr. 165 ft. below land surface Date 7 13-76			
					12. Pumping level below land surfaces: 181 ft. after hrs. pumping 1388 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: Pitless adapter 12 inches above grade			
					15. Well grouted? Yes With: 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. Henkle Drilg. & Supply 145 Business name <input type="checkbox"/> License No. Address Box 639 Garden City Signed <i>Edna B. B. 7-22-76</i> Authorized representative			

DRILLERS TEST LOG

CUSTOMERS NAME Harold Nichols DATE 6-9-76
 STREET ADDRESS TEST # 2
 CITY & STATE Copeland, KS DRILLER Martinez
 COUNTY Gray QUARTER SE SECTION 17 TOWNSHIP 29 RANGE 30

LOCATION 600 ft. south of Test #1 and 100 ft. west

WELL LOCATION

%	DRILLED	FOOTAGE		Description of Strata	Static Water Level	Proposed Well Depth
		From	Pay	To		
		0		3	Top soil	
		3		44	Brown clay, caliche	
		44		56	Brown sandy clay and fine sand st.	
		56		101	Sand fine to med., small gravel with few clay st.	
		101		122	Sand fine to med., small, coarse gravel	
		122		134	Sand fine to med., small to large gravel	
		134		139	Brown sandy clay	
		139		146	Sand fine to med.	
		146		152	Brown clay	
		152		161	Sand fine to med. coarse, small to med. gravel, used water	
		161		165	Brown sandy clay with sand st.	
40	165	15		180	Sand fine to med. coarse, small to med. gravel, few large gravel and few clay streaks (loose) used water	
55	180	12		192	Sand fine to med. coarse, small gravel, few med. gravel	
	192			198	Clay	
30	198	5		203	Sand fine to med. coarse, small gravel with few clay st	
	203			215	Black clay, mixed clay, few black gravel	
30	215	6		221	Sand fine to med. coarse, small gravel with few white rock st. and clay	
20	221	5		226	Sand fine to med. coarse, cemented, few lime rock st., hard, used pull down	
70	226	54		280	Sand fine to med. coarse, small to med. gravel, loose, used lots of water	
60	280	5		285	Sand fine to med. coarse, few small gravel, loose, used little water	
	285			301	Blue clay, very fine sand	
60	301	19		320	Sand fine to med. coarse and small gravel, drills tight in places, used lots of water, very few clay st.	
75	320	35		355	Sand fine to med. coarse, -small gravel, loose, used water	
45	355	6		361	Sand fine to med., tight	
	361			376	Brown sandy clay and sand	
50	376	5		381	Sand fine to med. coarse, small gravel, loose, used water	
25	381	40		421	Sand fine to med., small gravel and sandy clay, 65% clay	
	421			432	Tan broken rock, few white rock and sand & clay (cont.)	

ARDEN CITY, KANSAS
PHONE 276-3278

HENKLE DRILLING & SUPPLY CO., INC.
IRRIGATION HEADQUARTERS

SUBLETTE, KANSAS
PHONE 675-4311

CUSTOMERS NAME Harold Nichols DATE 6-9-76
 STREET ADDRESS TEST # 2
 CITY & STATE Copeland, KS DRILLER Martinez
 COUNTY Gray QUARTER SE SECTION 17 TOWNSHIP 29 RANGE 30

LOCATION

(continued)

%	DRILLED FOOTAGE			Static Water Level	
	From	Pay	To	Description of Strata	Proposed Well Depth
432		440		Brown sandy clay, fine sand, limestone ledges	
440		460		Brown and yellow clay, fine sand st.	
460		489		Mixed clay, soapstone, fine sand, few broken rock	
489		500		Brown soapstone and shale st.	
	207				

TOTAL DEPTH OF WELL 424 FT.

Set up facing north
 Dig pit on the east