

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 RENO	Fraction SW 1/4 SW 1/4 SW 1/4	Section number 35	Township number T 23 S R 6 W	Range number E/W
2. Distance and direction from nearest town or city: 1 MILE			3. Owner of well: City of South Hutchinson R.R. or street: City office City, state, zip code: South Hutchinson, Kans 67501			
4. Locate with "X" in section below:		Sketch map:		6. Bore hole dia. 6 in. Completion date 2-10-76 Well depth 120 ft.		
		7. Cable tool <input checked="" type="checkbox"/> Rotary <input checked="" type="checkbox"/> Driven <input type="checkbox"/> Dug Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Reverse rotary		8. Use: <input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Public supply <input type="checkbox"/> Industry <input 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 Plastic Height: Above or below Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Surface 20 in. RMP <input type="checkbox"/> PVC <input checked="" type="checkbox"/> Weight <input type="checkbox"/> lbs./ft. Dia. 3 in. to <input type="checkbox"/> ft. depth Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. 1200				
5. Type and color of material				From	To	10. Screen: Manufacturer's name
Black soil				0	2	Type <input type="checkbox"/> Dia. <input type="checkbox"/>
Brown clay				2	15	Slot/gauze <input type="checkbox"/> Length <input type="checkbox"/>
Red sand with clay balls				15	25	Set between 180 ft. and 120 ft.
Red med. sand				25	59	Gravel pack? YES Size range of material VR-1/4
Brown clay				59	75	11. Static water level: <input type="checkbox"/> mo./day/yr. 24 ft. below land surface Date 2-10-76
Red med. sand				75	85	12. Pumping level below land surfaces: ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. Estimated maximum yield <input type="checkbox"/> g.p.m.
Red sand				85	88	13. Water sample submitted: <input type="checkbox"/> mo./day/yr. <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date 2-11-76
Brown clay				88	90	14. Well head completion: Pitless adapter <input type="checkbox"/> Inches above grade
Red sand				90	120	15. Well grouted? <input type="checkbox"/> With: <input type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From <input type="checkbox"/> ft. to <input type="checkbox"/> ft.
Elec. Conductivity 550 Micro Mhos/cm						16. Nearest source of possible contamination: ft. <input type="checkbox"/> Direction <input type="checkbox"/> Type <input type="checkbox"/> Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No
Estimated % Sodium 37.3 %						17. Pump: <input 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
Total Hardness 5.8 gr/gl 100.0 ppm						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.
Salt 70.0 ppm						Business name Darling Drilling Co License No. 189 Address 201 W. 4th St. South Hutchinson, KS Signed Donald P. Daily Date 2-12-76 Authorized representative
Chlorides 42.1						
WATER TAKEN AFTER 1 HR. PUMPING WITH AIR LIFT. APPROX. 80 GPM (Use a second sheet if needed)						
18. Elevation:		19. Remarks:		20. Water well contractor's certification:		
Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input checked="" type="checkbox"/> Upland <input type="checkbox"/> Valley		Exploring for a new source of water supply for the City of South Hutchinson. Test #2 drilled $\frac{1}{4}$ mile north. Depth 150 ft. Chlorides-3,250 ppm Test #1 drilled $\frac{1}{2}$ mile north. Depth 107 ft. Chlorides-1,250 ppm				

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

Form WWC-5

ENVIRONMENTAL HEALTH LABORATORY

Results of Special Chemical Analyses

City South Hutchinson Shipper Donald J. Darling, Darling Drilling Co Acct. PWS Lab. No. 76-1181
1211 West 4th, Hutchinson 67501

Date Received 2-16-76

Date Reported FEB 20 1976 Bottle No. Cube
 Copies to: City Clerk, S. Hutchinson
 Darling Drilling Co.
 N. Jack Burris ✓

SOURCE AND REMARKS:

Test well for the city of South Hutchinson

RESULTS EXPRESSED IN MILLIGRAMS PER LITER

Sp Cond			pH ✓ <u>7.5</u>		Boron	
Total Solids			Turbidity		Copper	
T H (CaCO ₃) ✓ <u>116.</u>	<u>2.32</u>		Diss Oxygen		Lead	
Calcium (Ca) ✓ <u>37.</u>	<u>1.85</u>		5 day 20°C BOD		Zinc	
Magnesium (Mg) ✓ <u>5.7</u>	<u>0.47</u>		Chem Oxy Demand		Hex Chromium	
Sodium ✓ <u>111.</u>	<u>4.83</u>		Phosphate (PO ₄)		Cadmium	
Potassium			Ammonia (N)		Silver	
Alk (CaCO ₃) ✓ <u>268.</u>	<u>5.36</u>		Nitrite (N)		Mercury	
Chloride ✓ <u>45.</u>	<u>1.27</u>		Total Org N		Arsenic	
Sulfate ✓ <u>23.</u>	<u>0.48</u>		Detergent (LAS)			
Nitrate (NO ₃) ✓ <u>0.6</u>	<u>0.01</u>		T Susp Solids			
Fluoride ✓ <u>0.2</u>	<u>0.01</u>		F Susp Solids			
Total Iron ✓ <u>0.44</u>			V Susp Solids			
Manganese ✓ <u>0.11</u>			Silica (SiO ₂)			