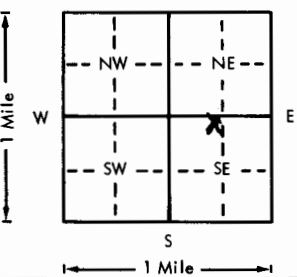


USE TYPEWRITER OR BALL  
POINT PEN-PRESS FIRMLY,  
PRINT CLEARLY.

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 <b>Haskell</b>	Fraction <b>NE 1/4 NW 1/4 SE 1/4</b>	Section number <b>10</b>	Township number <b>T 28 S R 31 E</b>	Range number <b>31</b>
2. Distance and direction from nearest town or city: <b>Approximately 5 1/2 miles NW of Copeland, Kansas.</b> Street address of well location if in city:				3. Owner of well: <b>Western Ranches</b> R.R. or street: <b>C/O Lawrence Withers</b> City, state, zip code: <b>Copeland, Kansas 67837</b>		
4. Locate with "X" in section below:		Sketch map:		6. Bore hole dia. <b>26</b> in. Completion date <b>12/1/78</b> Well depth <b>656</b> 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 checked="" type="checkbox"/> Bored <input checked="" type="checkbox"/> Reverse rotary		
5. Type and color of material		From	To	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		
<b>See Attachment</b>				9. Casing: Material <b>Steel</b> Height <b>Above</b> or below Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface <b>12</b> in. RMP <input type="checkbox"/> PVC <input type="checkbox"/> Weight <b>42.05</b> lbs./ft. Dia. <b>16</b> in. to <b>656</b> ft. depth Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. <b>.250</b>		
				10. Screen: Manufacturer's name <b>Johnson Screen</b> Type <b>Continuous</b> Dia. <b>16"</b> Slot/gauze <b>100</b> Length <b>130'</b> Set between <b>290</b> ft. and <b>310</b> ft. <b>405'-475'</b> ft. and <b>610'-650'</b> ft. Gravel pack? <b>Yes</b> Size range of material <b>#1 Coarse</b>		
				11. Static water level: <input type="checkbox"/> mo./day/yr. <b>232</b> ft. below land surface Date <b>12/5/78</b>		
				12. Pumping level below land surfaces: <b>251</b> ft. after <input type="checkbox"/> hrs. pumping <b>1466</b> g.p.m. <input type="checkbox"/> ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. Estimated maximum yield <b>1,500</b> g.p.m.		
				13. Water sample submitted: <input type="checkbox"/> mo./day/yr. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date <input type="checkbox"/>		
				14. Well head completion: <input type="checkbox"/> Pitless adapter <b>12</b> Inches above grade		
				15. Well grouted? <b>Yes</b> With: <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From <b>0</b> ft. to <b>10</b> ft.		
				16. Nearest source of possible contamination: <b>None</b> ft. <input type="checkbox"/> Direction <input type="checkbox"/> Type <b>Observed</b> 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: <b>x Flat</b> 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. <b>Henk De Drilling &amp; Sply 145</b> Business name License No. Address <b>Box 639, Garden City, KS</b> Signed <b>Bruce Richmond</b> Date <b>12/6/78</b> Authorized representative		

# DRILLERS TEST LOG

CUSTOMERS NAME Western Ranches DATE 11/29/78  
 STREET ADDRESS C/O Lawrence Withers TEST # 3 E. LOG Yes  
 CITY & STATE Copeland, Kansas DRILLER Rector  
 COUNTY Haskell QUARTER SE SECTION 10 TOWNSHIP 28 RANGE 31  
 LOCATION 1.320' East of the NW corner of the 1/4.

%	FOOTAGE		DESCRIPTION OF STRATA	NEW WELL LOCATION	
	From	Pay To		Static Water Level	Proposed Well Depth
	0	5	Top Soil		
	5	47	Brown clay		
	47	115	Brown sandy clay and fine sand.		
	115	187	Sand and gravel with small clay sts and cemented ledges.		
	187	200	Brown clay and coarse sand sts.		
55	200	40 260	Sand fine to med coarse, small gravel and very fine clay sts also cemented in spots.		
	260	277	Brown clay, sand sts with small ledges.		
70	277	32 309	Sand fine to med coarse, small gravel, very fine clay sts and cemented ledges. Used water.		
	309	320	Brown clay, fine sand and caliche.		
	320	340	Brown and blue clay.		
	340	377	Blue clay		
40	377	10 387	Sand fine to med coarse - colored blue. Used water.		
	387	395	Brown clay and limerock.		
75	395	27 422	Sand med coarse with small to med gravel. Drilled ragged and loose. Used water - Very Good!		
	422	425	Brown clay sts.		
75	425	25 450	Sand med coarse with small to med gravel. Drilled ragged and loose. Used alot of water. Very Good!		
70	450	20 470	Sand fine to med coarse, small gravel with clay and limerock.		
	470	472	Limestone - drilled hard.		
	472	580	Brown clay, limerock and sand sts. Clay is real sticky.		
	580	591	Brown clay, limerock and fine sand.		
65	591	5 596	Sand fine to med coarse, small brown gravel and small brown and tan rock.		
	596	600	Brown clay and limerock.		
60	600	15 615	Sand fine to med coarse, small brown gravel, brown and tan rock, brown clay and limerock mixed.		
80	615	38 653	Brown sand and gravel, brown and tan rock. Used alot of water - Very Good!		
	653	658	Soapstone and brown clay.		
	658	660	Blue shale.		
	212				
				TOTAL DEPTH OF WELL 656'	
				Set up facing East	
				Dig pit on the South	

GARDEN CITY, KS HENKLE DRILLING & SUPPLY CO., INC. SUBLETTE, KS  
 Phone 276-3278 IRRIGATION HEADQUARTERS Phone 675-4311  
 TEST HOLES \* \* \* \* \* IRRIGATION & INDUSTRIAL WELLS \* \* \* \* STOCK WELLS