

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>NW 1/4 SW 1/4 NW 1/4</b>	Section number <b>31</b>	Township number T <b>27</b> S R <b>31</b>	Range number <b>31</b>	<b>(EW)</b>
2. Distance and direction from nearest town or city: <b>Approximately 8 Miles NW of Copeland, Kansas.</b> Street address of well location if in city:				3. Owner of well: <b>John Nightengale</b> R.R. or street: <b>R.R. #2, Box 202</b> City, state, zip code: <b>El Campo, Texas 77437</b>			
4. Locate with "X" in section below: Sketch map:				6. Bore hole dia. <u>26</u> in. Completion date <b>12/7/77</b> Well depth <u>539</u> 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 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			
5. Type and color of material				9. Casing: Material <u>Steel</u> Height: <u>(Above)</u> or below Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface <u>12</u> in. RMP <input type="checkbox"/> PVC <input type="checkbox"/> Weight <u>42.05</u> lbs./ft. Dia. <u>16</u> in. to <u>539</u> ft. depth; Wall Thickness: inches or Dia. <u>   </u> in. to <u>   </u> ft. depth; gage No. <u>.250</u>			
				10. Screen: Manufacturer's name <u>Doerr</u> Type <u>Louvered</u> Dia. <u>16"</u> Slot/gauze <u>.125</u> Length <u>126'</u> Set between <u>282-293</u> ft. and <u>304-325</u> ft. <u>365 - 396</u> ft. and <u>412 - 454</u> ft. <b>517'</b> Gravel pack? <u>Yes</u> Size range of material <u>#1 Coarse</u> <b>538'</b>			
(Use a second sheet if needed)				11. Static water level: <u>188</u> ft. below land surface Date <u>12/10/77</u>			
				12. Pumping level below land surfaces: <u>258</u> ft. after <u>   </u> hrs. pumping <u>1750</u> g.p.m. <u>   </u> ft. after <u>   </u> hrs. pumping <u>   </u> g.p.m. Estimated maximum yield <u>1,750</u> g.p.m.			
				13. Water sample submitted: <u>   </u> mo./day/yr. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date <u>   </u>			
				14. Well head completion: <input type="checkbox"/> Pitless adapter <u>12</u> Inches above grade			
				15. Well grouted? <u>Yes</u> With: <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From <u>0</u> ft. to <u>10</u> ft.			
				16. Nearest source of possible contamination: <u>None Observed</u> ft. <u>   </u> Direction <u>   </u> Type <u>   </u> Well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
				17. Pump: <input checked="" type="checkbox"/> Not installed Manufacturer's name <u>   </u> Model number <u>   </u> HP <u>   </u> Volts <u>   </u> Length of drop pipe <u>   </u> ft. capacity <u>   </u> 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			
				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>Henkle Drilling &amp; Sply 145</b> Business name License No. <u>   </u> Address: <u>Box 639, Garden City, Ks</u> Signed <u>Bruce Reichmuth</u> Date <u>12/14/77</u> Authorized representative			
18. Elevation: <input checked="" type="checkbox"/> Flat Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input type="checkbox"/> Upland <input type="checkbox"/> Valley		19. Remarks:					

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

Form WWC-5

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DRILLERS TEST LOG

CUSTOMERS NAME John Nightengale DATE 11/11/77  
 STREET ADDRESS R.R. #2, Box 202 TEST # 7 E. LOG Yes  
 CITY & STATE El Campa, Texas DRILLER Martinez  
 COUNTY Haskell QUARTER NW SECTION 31 TOWNSHIP 27 RANGE 31

LOCATION \_\_\_\_\_

%	FOOTAGE			DESCRIPTION OF STRATA	WELL LOCATION	
	From	Pay	To		Static Water Level _____	Proposed Well Depth _____
	0		2	Top Soil		
	2		89	Brown clay		
	89		160	Sand fine to med coarse, small to large gravel.		
70	160	58	238	Sand fine to med coarse, small to med gravel & some large gravel. Loose - used water. Very few clay sts		
	238		245	Brown clay - sticky.		
	245		282	Blue clay - sticky.		
	282		291	Blue sand fine to med coarse.		
	291		305	Blue clay - sticky.		
55	305	15	320	Sand fine to med coarse, a few small gravel. Loose - used water.		
70	320	21	341	Sand fine to med coarse, small to med gravel. Loose - used water.		
	341		365	Brown clay.		
60	365	10	375	Sand fine to med coarse, small gravel. Loose - used water.		
	375		380	Brown clay.		
55	380	15	395	Sand fine to med coarse, a few small gravel. Loose - used water.		
	395		410	Brown clay.		
50	410	16	426	Sand fine to med coarse, very few small gravel. Loose - used water.		
	426		440	Brown clay		
40	440	12	452	Sand fine to med. Loose - used water.		
	452		500	Brown clay		
60	500	21	521	Sand fine to med coarse, small brown gravel. Loose - used water. A few brown rock sts.		
45	521	14	535	Brown clay. Brown rock ledges - very hard. Used some water. A few red clay sts.		
	535		560	Yellow clay and soapstone.		
		182				
					WELL DEPTH 538'	
					Set rig up to the North.	
					Pit on the East	

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