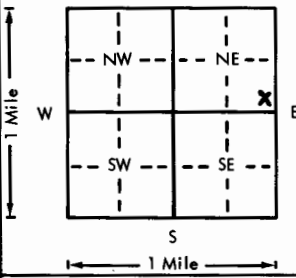


USE TYPEWRITER OR BALL  
POINT PEN-PRESS FIRMLY,  
PRINT CLEARLY.

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 <u>Gray</u>	Fraction <u>SE 1/4 SE 1/4 NE 1/4</u>	Section number <u>1</u>	Township number T <u>26</u> S R <u>28</u> E <u>10</u>
2. Distance and direction from nearest town or city: <u>east of Cimarron</u> Street address of well location if in city:			3. Owner of well: <u>David Toews</u> R.R. or street: City, state, zip code: <u>Montezuma, ks. 67867</u>		
4. Locate with "X" in section below:		Sketch map:		6. Bore hole dia. <u>26</u> in. Completion date <u>Nov. 20, 1979</u> Well depth <u>318</u> 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	
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	
<u>See attached log</u>				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>36.91</u> lbs./ft. Dia. <u>16</u> in. to <u>318</u> ft. depth Wall Thickness: inches or Dia. <u>16</u> in. to <u>318</u> ft. depth gage No. <u>219</u>	
				10. Screen: Manufacturer's name <u>Johnson</u> Type <u>continuous</u> Dia. <u>16</u> " Slot/gauze <u>100's</u> Length <u>80</u> " Set between <u>175-195</u> ft. and <u>238-248</u> ft. <u>288-318</u> ft. and <u>        </u> ft. Gravel pack? <u>Yes</u> Size range of material <u>#1 Coarse</u>	
				11. Static water level: <u>144</u> ft. below land surface Date <u>11/23/79</u> mo./day/yr.	
				12. Pumping level below land surfaces: <u>        </u> ft. after <u>        </u> hrs. pumping <u>        </u> g.p.m. <u>        </u> ft. after <u>        </u> hrs. pumping <u>        </u> g.p.m. Estimated maximum yield <u>1150</u> g.p.m.	
				13. Water sample submitted: <u>        </u> mo./day/yr. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>        </u>	
				14. Well head completion: <u>        </u> Pitless adapter <u>12</u> " inches above grade	
				15. Well grouted? <u>Yes</u> With: <u>        </u> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Concrete <input type="checkbox"/> Depth: From <u>0</u> ft. to <u>10</u> ft.	
				16. Nearest source of possible contamination: <u>None</u> ft. <u>        </u> Direction <u>        </u> Type <u>Observed</u> Well disinfected upon completion? <u>        </u> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
				17. Pump: <u>        </u> Not installed Manufacturer's name <u>Johnston</u> Model number <u>12EMC</u> HP <u>100</u> Volts <u>        </u> Length of drop pipe <u>305</u> ft. capacity <u>800</u> g.p.m. Type: <u>        </u> Submersible <input checked="" type="checkbox"/> Turbine <input type="checkbox"/> <u>        </u> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> <u>        </u> Centrifugal <input type="checkbox"/> Other <input type="checkbox"/>	
		(Use a second sheet if needed)			
18. Elevation:		19. Remarks:			
Topography: <u>        </u> Hill <input checked="" type="checkbox"/> Slope <u>        </u> Upland <u>        </u> Valley		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. <u>Hentle Drilling &amp; Supply Co. 145</u> Business name <u>Garden City, ks. 67846</u> License No. <u>        </u> Address <u>        </u> Signed <u>Bruce J. Reichmuth</u> Date <u>11/27/79</u> Authorized representative			

# DRILLERS TEST LOG

CUSTOMER NAME David Toews DATE 9-12-79  
 STREET ADDRESS \_\_\_\_\_ TEST # 1 E LOG. yes  
 CITY & STATE Montezuma, Ks. DRILLER Rector  
 COUNTY Gray QUARTER NE SECTION 1 TOWNSHIP 26 RANGE 28

LOCATION Near the South East corner of the NE $\frac{1}{4}$  Sec. 1

## WELL LOCATION

#	DRILLED FROM	PAY	FOOTAGE	DESCRIPTION OF STRATA	STATIC WATER LEVEL	
					PROPOSED WELL DEPTH	318'
	0		3	Top Soil		
	3		40	Brown Clay		
	40		60	Calichee & Clay		
	60		87	Cemented sand & gravel		
	87		100	Brown Clay, calichee & fine sand		
	100		139	Sand fine med. coarse & small gravel firm to loose took little water.		
	139		147	Brown sandy clay		
	147		154	Sand fine med. coarse & small gravel		
	154		180	Brown clay, gyp rock & sand		
55	180	15	195	Sand fine med. coarse med. small gravel few tiny tan rock real loose in places. Used water.		
50	195	7	202	Sand med. coarse med. small gravel some med. white rock & small clay sts.		
	202		216	Brown clay (Sticky)		
25	216	5	221	Sand very fine & brown sandy clay		
	221		233	Brown clay (Sticky)		
70	233	34	267	Sand fine med. coarse small brown gravel white & tan rock real loose in places Used water (good)		
	267		280	Brown & Blue Clay		
	280		290	Blue Shale sts. of yellow clay		
fair - good	290	10	300	Tan rock, brown sand stone, & shale fairly loose used water.		
fair - good	300	14	314	Blue shale & sand stone Used water.		
	314		320	Blue shale (Hard)		
		75				
				TOTAL DEPTH OF WELL	318'	
				Set up face	SOUTH	
				Pit on	WEST	

HENKLE DRILLING & SUPPLY CO., INC.

GARDEN CITY, KANSAS  
 Phone 276-3278

SUBLETTE, KANSAS  
 Phone 675-4311

TEST HOLES

DOMESTIC WELLS

STOCK WELLS

IRRIGATION & INDUSTRIAL WELLS