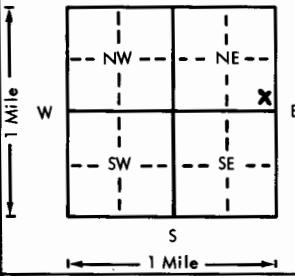


USE TYPEWRITER OR BALL
POINT PEN-PRESS FIRMLY,
PRINT CLEARLY.

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 <i>Gray</i>	Fraction <i>SE 1/4 SE 1/4 NE 1/4</i>	Section number <i>1</i>	Township number <i>T 26</i>	Range number <i>S R 28 E 10</i>
2. Distance and direction from nearest town or city: <i>east of Cimarron</i>	Approx 1 mile	3. Owner of well: <i>David Toews</i>			
Street address of well location if in city: <i>Montezuma, ks. 67867</i>		R.R. or street: <i>Montezuma, ks. 67867</i>			
4. Locate with "X" in section below: <i>N</i>	Sketch map: 		6. Bore hole dia. <u>26</u> in. Completion date <u>Nov. 20, 1979</u> Well depth <u>318</u> ft.		
5. Type and color of material <i>See attached log</i>	From	To	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		
			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 <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 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"</u> Length <u>80'</u> Set between <u>175-195</u> ft. and <u>238-268</u> ft. <u>288-318</u> ft. and <u>318</u> ft. ft. 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>144</u> ft. after <u>hrs.</u> pumping <u>g.p.m.</u> <u>144</u> ft. after <u>hrs.</u> pumping <u>g.p.m.</u> Estimated maximum yield <u>1150</u> g.p.m.		
			13. Water sample submitted: <u>Yes</u> No Date <u>11/23/79</u> mo./day/yr.		
			14. Well head completion: <u>12"</u> Inches above grade <u>Pitless adapter</u>		
			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</u> ft. <u>0</u> ft. Direction <u>0</u> Type <u>Observed</u> Well disinfected upon completion? <u>Yes</u> <u>A</u> No		
			17. Pump: Manufacturer's name <u>Johnson</u> Not installed Model number <u>12 EMC</u> HP <u>100</u> Volts <u>115</u> Length of drop pipe <u>305</u> ft. capacity <u>800</u> g.p.m. Type: <input type="checkbox"/> Submersible <input checked="" 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: Topography: <input type="checkbox"/> Hill <input checked="" 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. <i>Handle Drilling Supply Co. 145</i> Business name <u>Handle Drilling Supply Co. 145</u> License No. <u>145</u> Address <u>Garden City, ks. 67846</u> Signed <u>Bruce J. Reinhardt</u> Date <u>11/27/79</u> Authorized representative		

DRILLERS TEST LOG

CUSTOMERS NAME David Toews **DATE** 9-12-79
STREET ADDRESS **TEST #** 1 E LOG. ver
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

S	DRILLED FROM	FOOTAGE	DESCRIPTION OF STRATA	STATIC WATER LEVEL	PROPOSED WELL DEPTH
	PAY	:			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 Icos. 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
good	290	10	300		Tan rock, brown sand stone, & shale fairly loose used water.
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

TEST HOLES

DOMESTIC WELLS

STOCK WALLS

IRRIGATION & INDUSTRIAL WELLS

SUBLETTE, KANSAS
Phone 675-4311