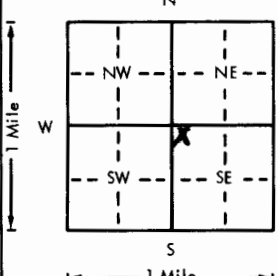


USE TYPEWRITER OR BALL  
POINT PEN-PRESS FIRMLY,  
PRINT CLEARLY.

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>Gray</b>	Fraction <b>NW 1/4 NW 1/4 SE 1/4</b>	Section number <b>16</b>	Township number <b>T 27 S R 28 E</b>	Range number <b>W</b>
2. Distance and direction from nearest town or city: <b>7 mi. S, &amp; 3 mi. W of Cimarron, Kansas.</b>			3. Owner of well: <b>Walter &amp; Charles Markel</b> R.R. or street: <b>R. R.</b> City, state, zip code: <b>Cimarron, Kansas</b>			
4. Locate with "X" in section below:			Sketch map:			
			NW corner of SE 1/4, Sec. 16, T27S, R28W, Gray County, Kansas.			
5. Type and color of material			From	To	6. Bore hole dia. <b>28</b> in. Completion date <b>10/27/76</b> Well depth <b>261</b> ft.	
Top soil			0	2	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	
Gray clay			2	18	8. Use: 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 <input type="checkbox"/>	
Fine to med sand with gray clay streaks			18	50	9. Casing: Material <b>stl</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>37</b> lbs./ft. Dia. <b>16</b> in. to <b>140</b> ft. depth Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. <b>.219</b>	
Tan and gray clay with limestone streaks			50	62	10. Screen: Manufacturer's name <b>Foster, Doerr,</b> <b>Cook</b> <b>lower</b> Type <b>mils slot, ww</b> Dia. <b>16</b> in. Slot/gauze <b>1/8</b> in. Length <b>121</b> ft. Set between <b>140</b> ft. and <b>261</b> ft. ft. and <input type="checkbox"/> ft. Gravel pack? <b>yes</b> Size range of material <b>4.4mm</b>	
Fine to coarse sand med to coarse gravel with					11. Static water level: <input type="checkbox"/> mo./day/yr. <b>54</b> ft. below land surface Date <b>6/3/76</b>	
small to medium rock			62	101	12. Pumping level below land surfaces: <b>76</b> ft. after <b>1/2</b> hrs. pumping <b>1016</b> g.p.m. <b>100</b> ft. after <b>1</b> hrs. pumping <b>2384</b> g.p.m. Estimated maximum yield <b>2400</b> g.p.m.	
Tan sandy clay with fine sand			101	121	13. Water sample submitted: <input type="checkbox"/> mo./day/yr. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date <input type="checkbox"/>	
Tan sandy clay with limestone stks and fine					14. Well head completion: <input type="checkbox"/> Pitless adapter <input checked="" type="checkbox"/> Inches above grade	
to medium sand			121	138	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.	
Fine to coarse sand medium gravel			138	157	16. Nearest source of possible contamination: <b>unk.</b> ft. <input type="checkbox"/> Direction <input type="checkbox"/> Type <input type="checkbox"/> Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Tan sandy clay			157	161	17. Pump: <input type="checkbox"/> Not installed Manufacturer's name <b>Layne &amp; Bowler</b> Model number <b>12888</b> KMHP <input type="checkbox"/> Volts <input type="checkbox"/> Length of drop pipe <b>200</b> ft. capacity <b>850</b> 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	
Fine to coarse sand			161	170		
Tan clay with sand and gravel streaks			170	211		
Fine to coarse sand medium to coarse gravel			211	264		
Black shale			264	280		
(Use a second sheet if needed)						
18. Elevation:		19. Remarks:				
Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input checked="" type="checkbox"/> Upland <input type="checkbox"/> 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. <b>Layne-Western Co., Inc. 102</b> Business name License No. Address <b>Garden City, Kansas</b> Signed <b>R. R. Vincent</b> Date <b>18 Nov 76</b> Authorized representative				

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

Form WWC-5