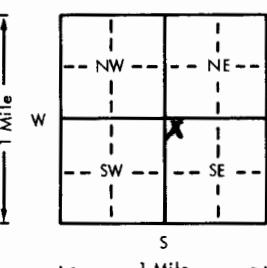


USE TYPEWRITER OR BALL  
POINT PEN-PRESS FIRMLY,  
PRINT CLEARLY.

**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	Fraction		Section number	Township number	Range number
	Gray	NW 1/4 NW 1/4 SE 1/4		16	T 27 S	R 28 E W
2. Distance and direction from nearest town or city:	7 mi. S, & 3 mi. W of Cimarron, Kansas.			3. Owner of well:	Walter & Charles Markel	
Street address of well location if in city:				R.R. or street:	R. R.	
				City, state, zip code:	Cimarron, Kansas	
4. Locate with "X" in section below:	Sketch map:			6. Bore hole dia. 28 in. Completion date 10/27/77 Well depth 261 ft.		
 NW corner of SE <sup>1</sup> <sub>4</sub> , Sec. 16, T27S, R28W, Gray County, Kansas.				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			
Top soil	0	2	9. Casing: Material <input checked="" type="checkbox"/> stl Height: Above or below Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface 12 in. RMP <input type="checkbox"/> PVC <input type="checkbox"/> Weight 37 lbs./ft. Dia. 16 in. to 140 ft. depth Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. 219			
Gray clay	2	18	10. Screen: Manufacturer's name <input checked="" type="checkbox"/> Foster, Doerr Cook Louver Type <input checked="" type="checkbox"/> milslot <input type="checkbox"/> wv Dia. 16" Slot/gauge 1/8" Length 121' Set between 140 ft. and 261 ft. ft. and ft. Gravel pack? <input checked="" type="checkbox"/> yes Size range of material 4.4 mm			
Fine to med sand with gray clay streaks	18	50	11. Static water level: mo./day/yr. 54 ft. below land surface Date 6/3/76			
Tan and gray clay with limestone streaks	50	62	12. Pumping level below land surfaces: 76 ft. after 1 hrs. pumping 1016 g.p.m. 100 ft. after 1 hrs. pumping 2384 g.p.m. Estimated maximum yield 2400 g.p.m.			
Fine to coarse sand med to coarse gravel with small to medium rock	62	101	13. Water sample submitted: mo./day/yr. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date			
Tan sandy clay with fine sand	101	121	14. Well head completion: <input type="checkbox"/> Pitless adapter <input checked="" type="checkbox"/> Inches above grade			
Tan sandy clay with limestone stks and fine to medium sand	121	138	15. Well grouted? <input checked="" type="checkbox"/> With: <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From 0 ft. to 10 ft.			
Fine to coarse sand medium gravel	138	157	16. Nearest source of possible contamination: unk. ft. Direction Type Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Tan sandy clay	157	161	17. Pump: Not installed Manufacturer's name <input checked="" type="checkbox"/> Layne & Bowler Model number 12200 KMHP Volts Length of drop pipe 200 ft. capacity 850 g.p.m.			
Fine to coarse sand	161	170	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			
Tan clay with sand and gravel streaks	170	211	18. Elevation: 19. Remarks:			
Fine to coarse sand medium to coarse gravel	211	264	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. Layne-Western Co., Inc. 102 Business name <input type="checkbox"/> License No. Address <input checked="" type="checkbox"/> Garden City, Kansas Signed <input checked="" type="checkbox"/> R. L. Vincent Date <input type="checkbox"/> Authorized representative <input type="checkbox"/> 18 Nov 76			
(Use a second sheet if needed)						