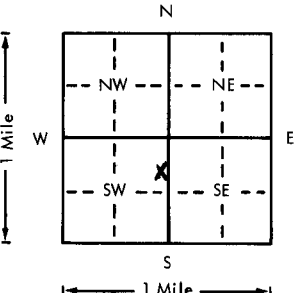


USE TYPEWRITER OR BALL
POINT PEN-PRESS FIRMLY.
PRINT CLEARLY.

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 Stevens	Fraction SE NE 1/4 SW 1/4	Section number 7	Township number 34	Range number 35	EW
2. Distance and direction from nearest town or city: 5 mi S, 9 mi E of Hugoton, Kansas Street address of well location if in city:				3. Owner of well: S. A. Thomas R.R. or street: City, state, zip code: Hugoton, Kansas 67951			
4. Locate with "X" in section below:		Sketch map:		6. Bore hole dia. 26 in. Completion date 7/7/77 Well depth 540 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			
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			
See Attachment				9. Casing: Material Steel 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 31 lbs./ft. Dia. 16 in. to 540 ft. depth Wall thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. .219			
				10. Screen: Manufacturer's name W.A. Brown Type louver Dia. 16" Slot/gauze .080 Length 230' Set between 290 ft. and 330 ft. 350 ft. and 540 ft. Gravel pack? Yes Size range of material 4-8 Coarse			
				11. Static water level: 195 ft. below land surface Date 7/11/77			
				12. Pumping level below land surfaces: 294 ft. after <input type="checkbox"/> hrs. pumping 1404 g.p.m. <input type="checkbox"/> ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. Estimated maximum yield 1,500 g.p.m.			
				13. Water sample submitted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date			
				14. Well head completion: <input type="checkbox"/> Pitless adapter 12 Inches above grade			
				15. Well grouted? Yes With: <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From 0 ft. to 10 ft.			
				16. Nearest source of possible contamination: None ft. <input type="checkbox"/> Direction <input type="checkbox"/> Type Observed Well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
				17. Pump: <input checked="" type="checkbox"/> Not installed Manufacturer's name <input type="checkbox"/> Model number <input type="checkbox"/> HP <input type="checkbox"/> Volts <input type="checkbox"/> Length of drop pipe <input type="checkbox"/> ft. capacity <input type="checkbox"/> 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			
		(Use a second sheet if needed)					
18. Elevation:		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. Henkle Drilling & Sply 145 Business name License No. 145 Address Box 639, Garden City, KS Signed Bruce J. Richmuth Date 7/13/77 Authorized representative			
Topography: <input type="checkbox"/> Hill <input checked="" type="checkbox"/> Slope <input type="checkbox"/> Upland <input type="checkbox"/> Valley							

DRILLERS TEST LOG

CUSTOMERS NAME S. A. Thomas DATE 7-20-76
 STREET ADDRESS _____ TEST # 4 E.L.
 CITY & STATE Hugoton, KS DRILLER Geist
 COUNTY Stevens QUARTER SW SECTION 7 TOWNSHIP 34 RANGE 35
 LOCATION 400' S of the NE corner of the SW 1/4 Well Location

Fair Test

%	DRILLED FOOTAGE		Description of Strata		Static Water Level	Proposed Well Depth
	From	Pay To				
	0		3	Top soil		
	3		8	Gray clay		
	8		23	Fine sand		
	23		52	Brown sandy clay and fine sand st.		
	52		72	Sand fine to med.		
	72		85	Sand fine to med.		
	85		95	Sand fine to med. coarse, clay st. and cemented ledges		
	95		105	Brown sandy clay and sand st., few big gravel		
	105		115	Brown clay, firm and sticky		
	115		122	Brown sandy clay and sand st.		
	122		143	Brown and red sandy clay and limestone st., few sand st.		
	143		158	Brown clay		
	158		178	Brown and red sandy clay and fine sand st., few limestone st., drilled rough 170-176		
45	178	32	210	Sand fine to med. (hard ledge from 202' to 206') limestone, few cemented ledges, used water		
	210		220	Brown sandy clay and limestone st., few fine sand st.		
45	220	7	227	Sand fine to med., few clay st., loose, used water		
	227		268	Brown sandy clay, few sand st.		
40	268	30	298	Sand fine to med., few clay st., used water		
	298		334	Brown sandy clay and fine sand st.		
50	334	16	350	Sand fine to med., small brown rock and few clay st., used water (loose)		
55	350	30	380	Sand fine to med. coarse, loose, few brown gravel, few clay st., used water		
35	380	23	403	Sand fine, few med., loose, used a little water, few clay st.		
	403		416	Yellow clay and fine sand st.		
30	416	14	430	Fine sand (loose) few clay st.		
	430		450	Yellow clay and fine sand st.		
	450		483	Yellow clay and brown clay and few fine sand st., hard at 479' to 483'		
	483		488	Yellow and blue clay		
55	488	32	520	Sand fine to med. coarse, loose, false red bed st. and few soapstone st., loose (used water)		
50	520	18	538	Sand fine to med., loose, false red bed st. and few soapstone st., used water		

(continued)

ORDEN CITY, KANSAS
 ONE 276-3278

HENKLE DRILLING & SUPPLY CO., INC.
 IRRIGATION HEADQUARTERS

SUBLETTE, KANSAS
 PHONE 675-4311

ST HOLES*****STOCK WELLS*****IRRIGATION AND INDUSTRIAL WELLS*****

Page 2

LOCATION _____

(continued)

[illegible]

SUBLETTE, KANSAS
PHONE 675-4311

ST HOLES*****STOCK WELLS*****IRRIGATION AND INDUSTRIAL WELLS*****