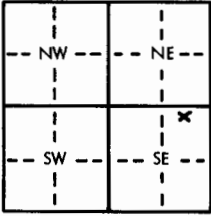


USE TYPEWRITER OR BALL
POINT PEN-PRESS FIRMLY
PRINT CLEARLY.

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 N 1/2 NE 1/4 SE 1/4	Section number 1	Township number T 34 S	Range number R 36 E
2. Distance and direction from nearest town or city: 4 W. & 3 1/2 S. of Woods Street address of well location if in city:				3. Owner of well: Marlin Heger R.R. or street: City, state, zip code: Hugoton, KS 67951		
4. Locate with "X" in section below: N W E S 1 Mile Sketch map:  See attachment				6. Bore hole dia. 26 in. Completion date 7-30-76 Well depth 652 ft.		
5. Type and color of material				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 <input type="checkbox"/> PVC <input type="checkbox"/> Weight <u>36</u> lbs./ft. Dia. <u>16</u> in. to <u>652</u> ft. depth Wall Thickness: inches or Dia. <u> </u> in. to <u> </u> ft. depth gage No. <u>219</u>		
				10. Screen: Manufacturer's name <u>Brown</u> Type <u>Louvered</u> Dia. <u>16"</u> Slot/gauze <u>.080</u> Length <u>310'</u> Set between <u>445-525</u> ft. and <u>515-385</u> ft. <u>375-315</u> ft. and <u> </u> ft. Gravel pack? <u>Yes</u> Size range of material <u>1/4 x 1/8</u>		
				11. Static water level: <u>232</u> ft. below land surface Date <u>7-30-76</u> mo./day/yr.		
				12. Pumping level below land surfaces: <u>252</u> ft. after <u> </u> hrs. pumping <u>1350</u> g.p.m. <u> </u> ft. after <u> </u> hrs. pumping <u> </u> g.p.m. Estimated maximum yield <u> </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>Observed</u> ft. <u> </u> Direction <u> </u> Type <u> </u> Well disinfected upon completion? <u> </u> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
(Use a second sheet if needed)				17. Pump: Not installed Manufacturer's name <u>Johnston</u> Model number <u>14CC</u> HP <u> </u> Volts <u> </u> Length of drop pipe <u>345</u> ft. capacity <u> </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		
18. Elevation: Flat Topography: <input type="checkbox"/> Hill <input 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. Henkle Drlg. & Supply 145 Business name License No. <u> </u> Address <u>Box 639 Garden City, KS</u> Signed <u>E. L. Bothwell</u> Date <u>8-12-76</u> Authorized representative		

DRILLERS TEST LOG

CUSTOMERS NAME Marlin Heger DATE 7-13-76
 STREET ADDRESS _____ TEST # 3 E. Log
 CITY & STATE Hugoton, KS DRILLER Geist
 COUNTY Stevens QUARTER SE SECTION 1 TOWNSHIP 34 RANGE 36

LOCATION 100' S. of Test #1

WELL LOCATION

%	DRILLED FOOTAGE			Static Water Level
	From	Pay	To	Proposed Well Depth
	0		4	Top soil. Mixed 3 bags of Quik Gel
	4		10	Brown sandy clay
	10		17	Blue clay, firm and sticky
	17		22	Blue sandy clay and fine sand st.
	22		38	Fine sand and clay st.
	38		90	Sand fine to med. coarse, few large gravel, loose, used water, few clay st.
	90		117	Big brown rock and large gravel, drilled rough
	117		130	Brown clay, firm and sticky
	130		240	Brown and red sandy clay, loose, hard 150-160' (cemented sand & limest. st.) rough from 180-200' hard ledge 195', few sand st., used a little water
	240		260	Brown sandy clay and few coarse sand st., loose, used water
	260		290	Fine sand, few clay st. and few limestone ledges, drilled ragged, used water
55	290	20	310	Sand fine to med. coarse, a lot of clay st., drilled loose and ragged, used water
	310		323	Brown sandy clay, cemented ledges and fine sand st., hard 320'-325'
40	323	37	360	Real fine sand, few clay st., loose, used a little water, few ledges, few medium coarse
50	360	40	400	Sand fine to med. coarse, few clay st., few brown and white rock, drilled loose, used water
40	400	72	472	Sand fine to med., few clay st.
	472		478	False red bed and soapstone
50	478	22	500	Sand fine to med. coarse, white rock and brown rock, few clay st., loose, used water
65	500	100	600	Sand fine to med. coarse, brown rock and white rock, loose, used water, few clay st., false red bed st. 596'
55	600	45	645	Sand fine to med., few coarse, few brown gravel, loose, used water, few clay st.
	645		652	Soapstone and lime rock
	652		660	Red bed
		336		
				TOTAL DEPTH OF WELL 647'
				Set up north; pit on east
				4 bags Gel, 1 sack lime

RDEN CITY, KANSAS
 ONE 276-3278

HENKLE DRILLING & SUPPLY CO., INC.
 IRRIGATION HEADQUARTERS

SUBLETTE, KANSAS
 PHONE 675-4311

BT HOGLES*****STOCK WELLS*****IRRIGATION AND INDUSTRIAL WELLS*****