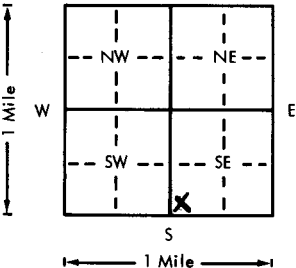


USE TYPEWRITER OR BALL POINT PEN-PRESS FIRMLY, PRINT CLEARLY.

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>Stanton</b>	Fraction <b>SW 1/4 SW 1/4 SE 1/4</b>	Section number <b>7</b>	Township number T <b>27</b> S	Range number R <b>41</b> E <b>(W)</b>
2. Distance and direction from nearest town or city: <b>Approximately 9 Miles NW of Johnson, Kansas.</b> Street address of well location if in city:			3. Owner of well: <b>D. E. Cockrum</b> R.R. or street: <b>Johnson, Kansas 67855</b> City, state, zip code:		
4. Locate with "X" in section below: N  W E S 1 Mile			Sketch map:		
5. Type and color of material			From	To	6. Bore hole dia. <u>26</u> in. Completion date _____ Well depth <u>450</u> ft. <u>11/1/78</u>
<b>See Attachment</b>					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> Weight: <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>36.91</u> lbs./ft. Dia. <u>16</u> in. to <u>450</u> ft. depth Wall Thickness: inches or Dia. _____ in. to _____ ft. depth gage No. <u>.219</u>
					10. Screen: Manufacturer's name <u>W. A. Brown</u> Type <u>Loggerved</u> Dia. <u>16"</u> <input checked="" type="checkbox"/> Slot gauze <u>.060</u> Length <u>80'</u> Set between <u>370</u> ft. and <u>450</u> ft. _____ ft. and _____ ft. Gravel pack? <u>Yes</u> Size range of material <u>#1 Coarse &amp; 8-12 Fountain</u>
					11. Static water level: <u>138</u> ft. below land surface Date <u>11/6/78</u> no./day/yr.
					12. Pumping level below land surfaces: <u>195</u> ft. after _____ hrs. pumping <u>1452</u> p.m. _____ ft. after _____ hrs. pumping _____ g.p.m. Estimated maximum yield <u>1,500</u> g.p.m.
					13. Water sample submitted: _____ mo./day/yr. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Date _____
					14. Well head completion: <input type="checkbox"/> Pitless adapter <u>12</u> inches above grade
					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. _____ Direction _____ Type <u>Observed</u> Well disinfected upon completion? _____ Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
					17. Pump: <input checked="" type="checkbox"/> Not installed Manufacturer's name _____ Model number _____ HP _____ Volts _____ Length of drop pipe _____ ft. capacity _____ 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: <input checked="" type="checkbox"/> 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. <b>Henkle Drilling &amp; Sply 145</b> Business name License No. _____ Address <b>Box 639, Garden City, KS</b> Signed <u>Bruce J. Richmuth</u> Date <u>11/8/78</u> Authorized representative		

27 41 W  
 Sec 7 SW 1/4 SE

DRILLING TEST LOG

CUSTOMERS NAME D. E. Cockrum DATE 2-11-77  
 STREET ADDRESS \_\_\_\_\_ TEST # 1 E. LOG Yes  
 CITY & STATE Johnson, KS DRILLER Geist  
 COUNTY Stanton QUARTER SE SECTION 7 TOWNSHIP 27 RANGE 41  
 LOCATION Approx. 50' N & 35' E of the SW corner of the SE 1/4

WELL LOCATION

%	FOOTAGE		DESCRIPTION OF STRATA	Static Water Level _____
	From	Pay To		Proposed Well Depth _____
	0	3	Top soil	
	3	5	Clay (sandy)	
	5	9	Fine sand	
	9	16	Brown sandy clay and fine sand st., few sticky clay st.	
	16	23	Brown clay, firm and sticky	
	23	38	Fine to med. sand & brown sandy clay st., real loose	
	38	64	Sand fine to med. coarse, few clay st., loose, small gravel	
	64	85	Brown clay, firm and sticky, few hard ledges, real sticky	
	85	99	Brown sandy clay and fine sand st.	
	99	118	Sand fine to med. (real loose) few clay st.	
	118	181	Brown clay, firm & sticky (real sticky), ledge at 176'	
60	181	44 225	Sand fine to med. coarse, small gravel, few white and brown rock (loose and used water)	
	225	235	Brown sandy clay and coarse sand st.	
ery Good	235	27 262	Sandstone, red, tan and white, real loose in places. Using water.	
	262	269	Soapstone	
	269	276	Soapstone, Dakota st., lime rock st., drilled hard in places	
	276	358	Weathered shale and hard ledges, real hard at 288', 292', 294', 319', 336', 350', 355' and 358'	
	358	365	Shale and soapstone	
Fair	365	15 380	White Dakota and soapstone st., real loose in places	
Good	380	5 385	Dakota and shale st.	
ery Good	385	15 400	White Dakota and soapstone st., real loose, used a little water (Cheyenne Dakota)	
Good	400	12 412	Dakota, drills firm, loose in places	
Fair	412	4 416	Soapstone and Dakota st.	
	416	424	Red bed	
Good	424	24 448	Dakota	
	448	460	Red bed	
			(Use E. log on Test #3 for bottom of hole from 420'-460')	
		146		
			TOTAL DEPTH OF WELL 450'	
			Set up east; dig pit on the south	

GARDEN CITY, KS  
 Phone 276-3273  
 TEST HOLES \* \* \* \* \*

HUNKLE DRILLING & SUPPLY CO., INC.  
 IRRIGATION HEADQUARTERS  
 \* IRRIGATION & INDUSTRIAL WELLS \* \* \* \* \*

SUBLETTE, KS  
 Phone 675-4311  
 \* \* \* \* \* STOCK WELLS