

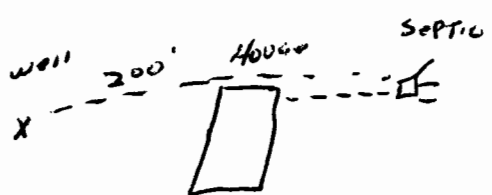
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V3RT

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: <u>JACKSON</u>		Fraction: <u>NW 1/4 NW 1/4 NW 1/4</u>		Section number: <u>10</u>		Township number: <u>T 8 S R 13 E W</u>		Range number: <u>13</u>			
2. Distance and direction from nearest town or city: <u>9.5 N of Delia</u>				3. Owner of well: <u>Fred Kruger</u> R.R. or street: <u>RR</u> City, state, zip code: <u>Delia, Kansas 66418</u>							
4. Locate with "X" in section below: N 1 Mile W E S 1 Mile				Sketch map: 		6. Bore hole dia. <u>8</u> in. Completion date _____ Well depth <u>100</u> ft. <u>3-7-79</u>					
5. Type and color of material				From		To		7. <input checked="" type="checkbox"/> Cable tool <input checked="" 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 type="checkbox"/> Reverse rotary			
<u>Top Soil</u>				<u>0</u>		<u>3</u>		8. Use: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input type="checkbox"/> Industry <input 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			
<u>Clay, brown</u>				<u>3</u>		<u>22</u>		9. Casing: Material <u>PVC</u> Height: <u>Above</u> or below Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Surface <u>29</u> in. RMP <u>PVC 96</u> Weight <u>2.82</u> lbs./ft. Dia. <u>5</u> in. to <u>100</u> ft. depth Wall Thickness: inches or Dia. <u>5</u> in. to <u>100</u> ft. depth gage No. <u>2250</u>			
<u>Limestone, gray</u>				<u>22</u>		<u>31</u>		10. Screen: Manufacturer's name <u>Pumpco MPE</u> Type <u>PVC</u> Dia. <u>5</u> <input checked="" type="checkbox"/> Gauze <u>.060</u> Length <u>90</u> Set between <u>90</u> ft. and <u>80</u> ft. Gravel pack? <input checked="" type="checkbox"/> Size range of material <u>1/4 x 1/8</u>			
<u>Shale, gray</u>				<u>31</u>		<u>61</u>		11. Static water level: _____ mo./day/yr. <u>50</u> ft. below land surface Date <u>3-7-79</u>			
<u>Limestone, gray</u>				<u>61</u>		<u>69</u>		12. Pumping level below land surfaces: _____ ft. after _____ hrs. pumping _____ g.p.m. _____ ft. after _____ hrs. pumping _____ g.p.m. Estimated maximum yield _____ <u>30</u> g.p.m.			
<u>Limestone, brown, loose, water bearing</u>				<u>69</u>		<u>70</u>		13. Water sample submitted: _____ mo./day/yr. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date _____			
<u>Shale, gray</u>				<u>70</u>		<u>100</u>		14. Well head completion: <u>C&D</u> <input type="checkbox"/> Pitless adapter <u>29</u> Inches above grade			
								15. Well grouted? <input checked="" type="checkbox"/> With: <input checked="" type="checkbox"/> Neat cement <input type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From <u>5</u> ft. to <u>15</u> ft.			
								16. Nearest source of possible contamination: ft. <u>200</u> Direction <u>E</u> Type <u>SEPTIC</u> Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
								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: <u>1222</u>		19. Remarks: <u>OWNER TO INSTALL SLAB</u>		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. <u>STRADER DRIG CO</u> <u>182</u> Business name License No. Address <u>RT 1 Halton, KS</u> Signed <u>Dale Astum</u> <u>3-8-79</u> Authorized representative Date							

T 8 S R 13 E W 10 NW 1/4 NW 1/4

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

Form WWC-5

BR=1200 D=1172

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JUN 09 1980

DIVISION OF ENVIRONMENT
OF & EG. SCS



REPORT OF INORGANIC WATER ANALYSIS
STATE OF KANSAS
DEPARTMENT OF HEALTH & ENVIRONMENT
OFFICE OF LABORATORIES AND RESEARCH
FORBES BLDG. 740, TOPEKA, KANSAS 66620

Address inquiries to:
Division of Environment
Mail samples to:
Environmental Laboratories

Lab. No. 2541-2543
Acct. Oil Field
Copies To: Oil Field

Locality Jackson County
DATE COLLECTED 5/1/80

DATE RECD 5/6/80

COLLECTED BY N. Brockmeier
DATE REPORTED JUN 9 1980

Remarks:

Lab. No. 2541
Source: #45, Fred
Kruger, NW NW NW
10-8-13

Lab. No. 2542
Source: #7, G.
Hockenburger, NW NW
NW 7-7-14

Lab. No. 2543
Source: #26, Virgil
Salts, SE SW SE
24-8-15

Lab. No.
Source:

Results expressed in
Milligrams Per Liter

pH	3.4	9.4	2.4	
Total Hardness (as CaCO ₃)	88	256	86	
Calcium (Ca ⁺⁺)	13	84	17	
Magnesium (Mg ⁺⁺)	27	176	21	
Sodium (Na ⁺)	328	332	244	
Total Alkalinity (as CaCO ₃)	6	35	2	
Chloride (Cl)	27	450	64	
Sulfate (SO ₄)	2	3	1	
Nitrate (as N)	0.20	0.93	0.35	
Fluoride (F)	0.02	0.03	0.02	
Iron	0.02	0.04	0.01	
Manganese				

F-10