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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 JACKSON Fraction NW 1/4 NW 1/4 NW 1/4 Section number 7 Township number T 7 S R 14 Range number EW	
2. Distance and direction from nearest town or city: 7 W Street address of well location if in city: OF HOLTON	
3. Owner of well: GARY HOUKENBURGER R.R. or street: City, state, zip code: HOLTON, K5	
4. Locate with "X" in section below: Sketch map:	
6. Bore hole dia. 8 in. Completion date 7-18-76 Well depth 138 ft.	
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	
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	
9. Casing: Material PVC Height: 29 in. Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Surface 29 in. RMP PVC 9L Weight 2.58 lbs./ft. Dia. 5 in. to 138 ft. depth Wall Thickness: inches or Dia. 2.74 in. to 0.268 ft. depth gage No. 2.74 0.268	
10. Screen: Manufacturer's name PUMPCO Type PVC Dia. 5" Slit gauze 0.020 Length 30 Set between 110 ft. and 140 ft. Gravel pack? <input checked="" type="checkbox"/> Size range of material 0.03x.060	
11. Static water level: 100 ft. below land surface Date 7-18-76 mo./day/yr.	
12. Pumping level below land surfaces: AIR TEST <input type="checkbox"/> ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. Estimated maximum yield 20 g.p.m.	
13. Water sample submitted: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date	
14. Well head completion: CAP <input type="checkbox"/> Pitless adapter 24 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 5 ft. to 15 ft.	
16. Nearest source of possible contamination: ft. 200 Direction SW Type SEPTIC 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: 1250 Topography: <input checked="" type="checkbox"/> Hill <input type="checkbox"/> Slope <input type="checkbox"/> Upland <input type="checkbox"/> Valley	19. Remarks: OWNER WILL INSTAL SLAB
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. Business name STANDER DRUG CO INC License No. 182 Address RT 1 HOLTON, K5 Signed Dale Fisher Date 7-18-76 Authorized representative	

2.74
 0.268
 7-18-76
 1-2-76
 R
 1/4 NW 1/4 NW 1/4
 1/4 NW 1/4 NW 1/4
 Sec 8

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

Form WWC-5

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RECEIVED

JUN 09 1980

DIVISION OF ENVIRONMENT
OF KANSAS



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 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	.....	.....	.....	.....
Total Hardness (as CaCO ₃)	344	994	287	.....
Calcium (Ca ⁺⁺)	88	256	86	.....
Magnesium (Mg ⁺⁺)	23	84	17	.....
Sodium (Na ⁺)	27	136	21	.....
Total Alkalinity (as CaCO ₃)	328	332	244	.....
Chloride (Cl)	6	35	2	.....
Sulfate (SO ₄)	27	250	64	.....
Nitrate (as N)	2	34	0.1	.....
Fluoride (F)	0.20	0.93	0.35	.....
Iron	0.02	0.03	0.02	.....
Manganese	0.02	0.04	0.01	.....

FY

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

Please copy your record to record Sect. 7 2

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>WW1/4 NW1/4 NW1/4</u>	Section number <u>17</u>	Township number <u>T 7 S</u>	Range number <u>R 14 E</u>
2. Distance and direction from nearest town or city: <u>7 W</u> Street address of well location if in city: <u>OF HOLTON</u>			3. Owner of well: <u>GEORGE HOUKENDORFER</u> R.R. or street: City, state, zip code: <u>HOLTON, KS</u>			
4. Locate with "X" in section below:		Sketch map:		6. Bore hole dia. <u>5</u> in. Completion date _____ Well depth <u>132</u> ft. <u>7-18-76</u>		
				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		
5. Type and color of material		From	To	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		
				9. Casing: Material <u>PVC</u> Height: Above or below Threaded <input type="checkbox"/> Welded <input type="checkbox"/> Surface <u>5</u> in. RMP <input type="checkbox"/> PVC <u>90</u> Weight _____ lbs./ft. Dia. <u>5</u> in. to <u>132</u> ft. depth Wall Thickness: inches or Dia. _____ in. to _____ ft. depth gage No. <u>25</u>		
				10. Screens: Manufacturer's name _____ Type <u>PVC</u> Dia. <u>5</u> Slot/gauze <u>200</u> Length <u>30</u> Set between _____ ft. and <u>140</u> ft. Gravel pack? <input checked="" type="checkbox"/> Size range of material _____		
				11. Static water level: _____ mo./day/yr. <u>10</u> ft. below land surface Date <u>7-18-76</u>		
				12. Pumping level below land surfaces: <u>Air test</u> _____ ft. after _____ hrs. pumping _____ g.p.m. _____ ft. after _____ hrs. pumping _____ g.p.m. Estimated maximum yield <u>30</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: <u>C&P</u> <input type="checkbox"/> Pitless adapter <u>24</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 _____ ft. to _____ ft.		
				16. Nearest source of possible contamination: ft. _____ Direction <u>SW</u> Type <u>SEWER</u> Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		
				17. Pump: <input 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:		19. Remarks:				20. Water well contractor's certification:
Topography: <input checked="" type="checkbox"/> Hill <input type="checkbox"/> Slope <input type="checkbox"/> Upland <input type="checkbox"/> Valley		<u>OWNER WITH INSTAL SLAB</u> <u>BR</u>				This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Business name <u>STRADER D&S CO INC 192</u> Address <u>271 Holtan, KS</u> License No. _____ Signed <u>Dob [unclear]</u> Date <u>7-18-76</u> Authorized representative

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Sec 17