

1 LOCATION OF WATER WELL  
 County: JACKSON Fraction NW 1/4 NW 1/4 SW 1/4 Section Number 25 Township Number T 6 S Range Number R 15 EW  
 Distance and direction from nearest town or city? 1.2 E 2.5 N OF HOLTON Street address of well if located within city?

2 WATER WELL OWNER: John Arnold  
 RR#, St. Address, Box #: RT 3 Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Holton, KS 66436 Application Number:

3 DEPTH OF COMPLETED WELL: 100 ft. Bore Hole Diameter: 12 in. to ..... ft., and ..... in. to ..... ft.  
 Well Water to be used as:  
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well  
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 7 Lawn and garden only 10 Observation well  
 Well's static water level: 60 ft. below land surface measured on AUGUST month 15 day 1980 year  
 Pump Test Data: Well water was ..... ft. after ..... hours pumping ..... gpm  
 Est. Yield 40 gpm: Well water was ..... ft. after ..... hours pumping ..... gpm

4 TYPE OF BLANK CASING USED:  
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile Casing Joints: Glued  Clamped .....  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded .....  
 7 Fiberglass Threaded .....  
 Blank casing dia: 5 in. to 0-80 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.  
 Casing height above land surface: 24 in., weight 2.89 lbs./ft. Wall thickness or gauge No. 250  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) .....  
 12 None used (open hole)  
 Screen or Perforation Openings Are:  
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes  
 7 Torch cut 10 Other (specify) .....  
 Screen-Perforation Dia: 5 in. to ..... ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.  
 Screen-Perforated Intervals: From 80 ft. to 100 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 Gravel Pack Intervals: From 15 ft. to 100 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other .....  
 Grouted Intervals: From 5 ft. to 15 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 What is the nearest source of possible contamination:  
 1 Septic tank 4 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well  
 2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well  
 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below)  
 13 Watertight sewer lines  
 Direction from well: N How many feet: 130? Water Well Disinfected? Yes  No  
 Was a chemical/bacteriological sample submitted to Department? Yes  No ..... If yes, date sample  
 was submitted: AUGUST month 22 day 1980 year Pump Installed? Yes ..... No   
 If Yes: Pump Manufacturer's name ..... Model No. .... HP ..... Volts .....  
 Depth of Pump Intake ..... ft. Pumps Capacity rated at ..... gal./min.  
 Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was  
 completed on AUGUST month 18 day 1980 year  
 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 182  
 This Water Well Record was completed on AUGUST month 20 day 1980 year under the business  
 name of STRADER DRIG CO. INC. by (signature) Dale Ashburn

7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	4	TOP SOIL			
4	65	CLAY, BROWN			
65	95	FINE SAND, COURSE SAND			
95	100	CLAY, BLUE			

ELEVATION: 1120

Depth(s) Groundwater Encountered 1. 60 ft. 2. .... ft. 3. .... ft. 4. .... ft. (Use a second sheet if needed)  
 INSTRUCTIONS: Use typewriter or ball point pen, please press firmly and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY  
T  
R  
15  
EW  
SEC  
85  
NW  
NW  
SW

RECEIVED

SEP 15 1980

DIVISION OF ENVIRONMENT  
OF & EG SEC.

*WBS*

*Gay*  
*Holton*  
*File*  
*4*



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. 613

Acct. Oil Field

Copies To:  
Oil Field-Brinkley ✓  
Strader Drlg. Co., Inc.  
Rt. 1, Holton, 66436  
John Arnold, Rt. 3  
Holton, Ks. 66436

LOCALITY Jackson County COLLECTED BY Strader Drlg  
DATE COLLECTED 8/18/80 DATE REC'D 8/25/80 DATE REPORTED SEP 12 1980

Remarks:

Lab. No. <u>613</u>	Lab. No. _____	Lab. No. _____
Source: <u>NW¼ NW¼ SW¼</u>	Source: _____	Source: _____
<u>Sec. 25-6-15E</u>		
<u>Well 100' deep</u>		

Results expressed in  
Milligrams Per Liter

pH .....				
Total Hardness (as CaCO <sub>3</sub> ) .....	✓ 278			
Calcium (Ca <sup>++</sup> ) .....	✓ 85			
Magnesium (Mg <sup>++</sup> ) .....	✓ 16			
Sodium (Na <sup>+</sup> ) .....	✓ 50			
Total Alkalinity (as CaCO <sub>3</sub> ) .....	✓ 278			
Chloride (Cl) .....	✓ 39			
Sulfate (SO <sub>4</sub> ) .....	✓ 28			
Nitrate (as N) .....	✓ 7.2			
Fluoride (F) .....	✓ 0.27			
Iron .....	✓ 3.1			
Manganese .....	✓ 0.06			
.....				
.....				
.....				

*FD*

CD