1080a

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction NW NE NW ¼ ¼ ¼; Section Number 8; Township Number T 5 (S); Range Number R 15 (E) W

County: JACKSON

Distance and direction from nearest town or city? 2W 1.7 N OF NETAWAKA

Street address of well if located within city?

2 WATER WELL OWNER: DEAN ERLENMAYER

RR#, St. Address, Box # : RR1

City, State, ZIP Code : WETMORE 66550

Board of Agriculture, Division of Water Resources Application Number:

3 DEPTH OF COMPLETED WELL 90 ft. Bore Hole Diameter 12 in. to ft., and in. to ft.

Well Water to be used as: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below)

Well's static water level 62 ft. below land surface measured on November month 19 day 1980 year

Pump Test Data: Well water was ft. after hours pumping gpm

Est. Yield 100 gpm: Well water was ft. after hours pumping gpm

4 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)

Casing Joints: Glued ✓ Clamped Welded Threaded

Blank casing dia 5 in. to 0-72 ft., Dia 5 in. to 82-90 ft., Dia in. to ft.

Casing height above land surface 24 in., weight 2.36 lbs./ft. Wall thickness or gauge No .214

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

Screen or Perforation Openings Are: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

Screen-Perforation Dia 5 in. to ft., Dia in. to ft., Dia in. to ft.

Screen-Perforated Intervals: From 72 ft. to 82 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

Gravel Pack Intervals: From 10 ft. to 90 ft., From ft. to 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 0 ft. to 10 ft., From ft. to ft., From ft. to ft.

What is the nearest source of possible contamination: 1 Septic tank 2 Sewer lines 3 Lateral lines 4 Cess pool 5 Seepage pit 6 Pit privy 7 Sewage lagoon 8 Feed yard 9 Livestock pens 10 Fuel storage 11 Fertilizer storage 12 Insecticide storage 13 Watertight sewer lines 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)

Direction from well E How many feet 173 ? Water Well Disinfected? Yes ✓ No

Was a chemical/bacteriological sample submitted to Department? Yes ✓ No: If yes, date sample was submitted month day year: Pump Installed? Yes No ✓

If Yes: Pump Manufacturer's name Model No. HP Volts

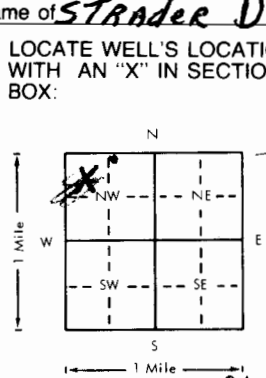
Depth of Pump Intake ft. Pumps Capacity rated at gal./min.

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 November month 19 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 November month 26 day 1980 year under the business name of STRADER DRLG CO INC. by (signature) Dale Askren

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



ELEVATION: 1085 DK

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	6	TOP SOIL			
6	74	CLAY, BROWN, BLUE			
74	81	CHERT GRAVEL ¼X1/8X½			
81	90	SHALE, GREY			

Depth(s) Groundwater Encountered 1. 65 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 5 R 15 E/W SEC 8 NW ¼ NW ¼ NW ¼

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. 1713
Acct. ~~Oil Field~~

Copies To:
Dean Erlenmaier, R.R.1
Wetmore, 66550
Strader Drlg Inc.
Rt.1, Holton 66436
Oil Field

LOCALITY Jackson County COLLECTED BY ~~Dean Erlenmaier'~~
DATE COLLECTED 12/5/80 DATE REC'D 12/8/80 DATE REPORTED ~~JAN 15 1981~~

Remarks:

Results expressed in Milligrams Per Liter	Lab. No. 1713 Source: NW¼ NW¼ NW¼ Sec. 8-5-15E, well depth 90' Domestic use	Lab. No. Source:	Lab. No. Source:
	Glacial water		
pH			
Total Hardness (as $CaCO_3$)	160.		
Calcium (Ca^{++})	56.		
Magnesium (Mg^{++})	4.9		
Sodium (Na^{+})	20.		
Total Alkalinity (as $CaCO_3$)	150.		
Chloride (Cl)	5.		
Sulfate (SO_4)	18		
Nitrate (as N)	5.3		
Fluoride (F)	0.14		
Iron	0.33		
Manganese	0.02		

RECEIVED
JAN 15 1981
DIVISION OF ENVIRONMENT

FM

CD