

LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
county: Stafford	NE 1/4 NE 1/4 NE 1/4	11	T 25 S	R 12 EW

Distance and direction from nearest town or city? **4-1/3 mi S of Stafford**

Street address of well if located within city?

WATER WELL OWNER: **KGS/GWMD#5**

R#, St. Address, Box # : _____

City, State, ZIP Code : **St. John, Kansas 67576**

Board of Agriculture, Division of Water Resources
Application Number: _____

DEPTH OF COMPLETED WELL . . . **50** . . . ft. Bore Hole Diameter . . . **10** . . . in. to . . . **50** . . . ft., and . . . in. to . . . ft.

Well Water to be used as:

5 Public water supply	8 Air conditioning	11 Injection well
1 Domestic	3 Feedlot	6 Oil field water supply
2 Irrigation	4 Industrial	7 Lawn and garden only
	10 Observation well	12 Other (Specify below)
		Research

Well's static water level . . . **25.2** . . . ft. below land surface measured on . . . **October** . . . month . . . **22** . . . day . . . **1982** . . . year

Pump Test Data

1st. Yield : Well water was . . . ft. after . . . hours pumping . . . gpm

2nd. Yield : Well water was . . . ft. after . . . hours pumping . . . gpm

TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	Casing Joints: Glued <input checked="" type="checkbox"/> Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded
		7 Fiberglass		Threaded

Blank casing dia . . . **5** . . . in. to . . . **46** . . . ft., Dia . . . in. to . . . ft., Dia . . . in. to . . . ft.

Casing height above land surface . . . **28** . . . in., weight . . . lbs./ft. Wall thickness or gauge No. **Schd 40**

TYPE OF SCREEN OR PERFORATION MATERIAL:

1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	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 . . . **50** . . . ft., Dia . . . in. to . . . ft., Dia . . . in. to . . . ft.

Screen-Perforated Intervals: From . . . **46** . . . ft. to . . . **50** . . . ft., From . . . ft. to . . . ft., From . . . ft. to . . . ft.

Gravel Pack Intervals: From . . . **50** . . . ft. to . . . **45** . . . ft., From . . . ft. to . . . ft., From . . . ft. to . . . ft.

GROUT MATERIAL: **1 Neat cement** 2 Cement grout 3 Bentonite 4 Other

Grouted Intervals: From . . . **5** . . . ft. to . . . **1.5** . . . ft., From . . . ft. to . . . ft., From . . . ft. to . . . ft.

What is the nearest source of possible contamination: **not determined**

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 . . . How many feet . . . ? Water Well Disinfected? Yes No

Has a chemical/bacteriological sample submitted to Department? Yes No

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

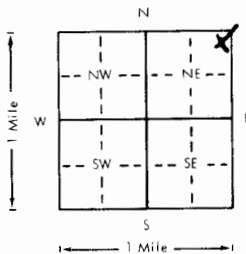
CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was **1** constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on . . . **May** . . . month . . . **8** . . . day . . . **1979** . . . year

and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. . . .

This Water Well Record was completed on . . . **Nov** . . . month . . . **15** . . . day . . . **82** . . . year under the business name of . . . by (signature) **Patrick M Cobb**

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

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		see attached log			



ELEVATION: _____

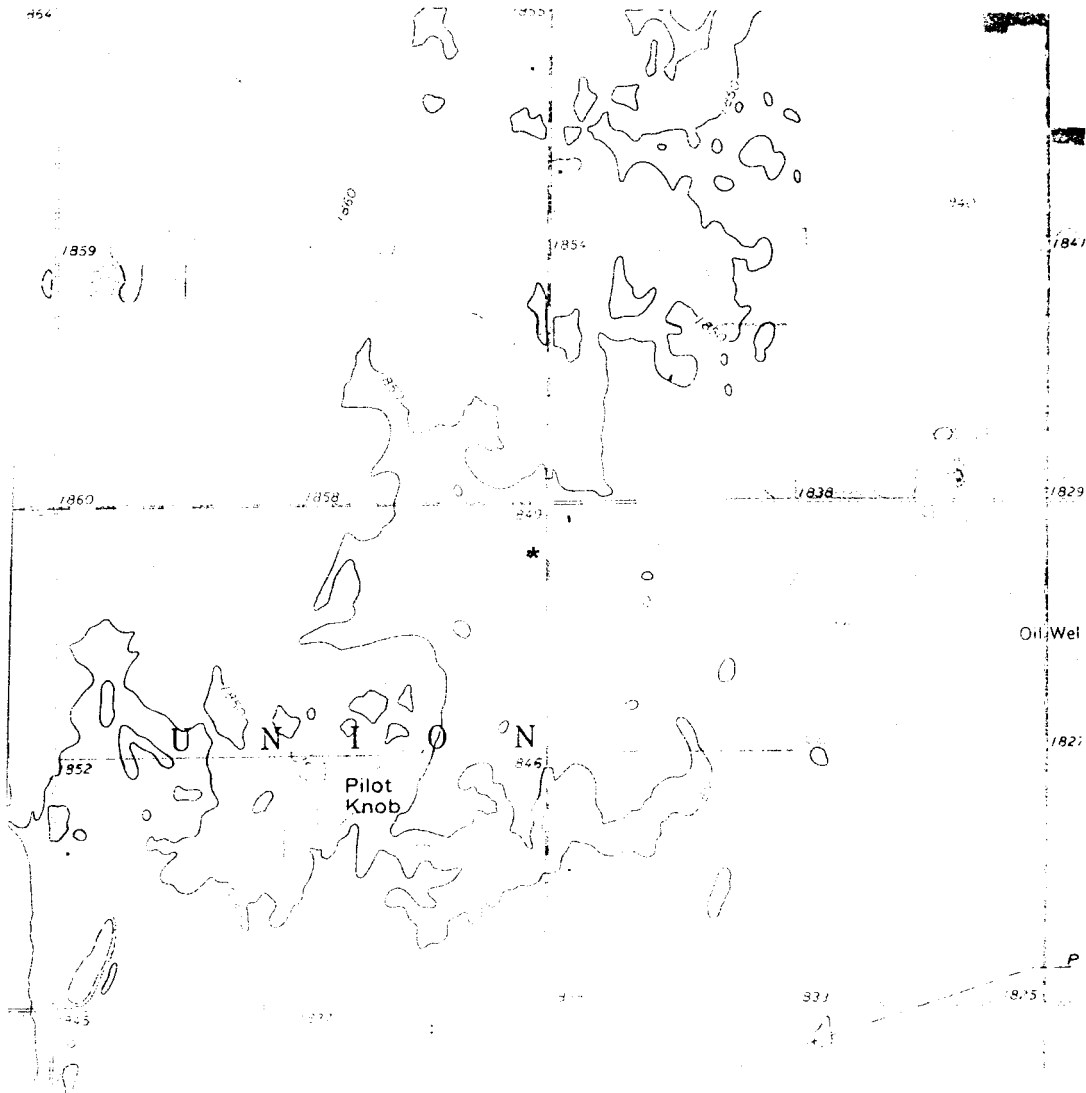
Depth(s) Groundwater Encountered 1 . . . ft. 2 . . . ft. 3 . . . ft. 4 . . . ft. (Use a second sheet if needed)

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
E
SEC
1/4
1/4
1/4

SITE NUMBER : 8
SITE LOCATION : NE NE NE
LEGAL LOCATION: SEC11 T25S R12W
COUNTY : STAFFORD

LANDOWNER: DOUGLAS McCLURE
ADDRESS : 201 E. 3rd
St. JOHN, KANSAS 67576
PHONE NO.: 316-549-3236 (business)
316-234-5580 (home)



WELL LOCATION *

BIG BEND GMD#5-KGS
WATER QUALITY
OBSERVATION WELL
NETWORK

SITE NUMBER : 8
SITE LOCATION: NE NE NE
SAMPLING DATE: OCTOBER 1978 (#1)
OCTOBER 1979 (#2-4)

LEGAL LOCATION : 11-25-12W
COUNTY : STAFFORD
NUMBER OF WELLS: 4

WATER QUALITY ANALYSIS (mg./l)

	<u>WELL#1</u>	<u>WELL#2</u>	<u>WELL#3</u>	<u>WELL#4</u>
TEMPERATURE, C	<u>15.0</u>	<u>15.7</u>	<u>15.5</u>	<u>14.8</u>
SPECIFIC CONDUCTANCE umho @ 25 deg C.	<u>83,000</u>	_____	_____	_____
pH	<u>10.0</u>	<u>7.8</u>	<u>7.6</u>	<u>7.6</u>
CALCIUM (Ca):	<u>1388</u>	<u>61</u>	<u>64</u>	<u>66</u>
MAGNESIUM (Mg):	<u>98</u>	<u>8.9</u>	<u>8.2</u>	<u>6.5</u>
POTASSIUM (K):	<u>100</u>	<u>2.8</u>	<u>2.7</u>	<u>3.2</u>
SILICA (SiO ₂):	<u>7.6</u>	<u>21</u>	<u>21</u>	<u>20</u>
SODIUM (Na):	<u>25,500</u>	<u>236</u>	<u>207</u>	<u>173</u>
SAR:	<u>180</u>	_____	_____	_____
BICARBONATE (HCO ₃):	<u>-</u>	<u>247</u>	<u>267</u>	<u>252</u>
CHLORIDE (Cl):	<u>37,938</u>	<u>288</u>	<u>244</u>	<u>201</u>
FLUORIDE (F):	<u>0.0</u>	<u>0.4</u>	<u>0.4</u>	<u>0.4</u>
NITRATE (NO ₃):	<u>0.9</u>	<u>13</u>	<u>13</u>	<u>15</u>
ORTHO-PHOSPHATE (PO ₄):	<u>0.04</u>	<u>0.39</u>	<u>1.07</u>	<u>0.61</u>
SULFATE(SO ₄):	<u>5345</u>	<u>57</u>	<u>52</u>	<u>45</u>
SULFIDE (S):	_____	_____	_____	_____
STRONTIUM (Sr):	<u>32</u>	<u>0.4</u>	<u>0.4</u>	<u>0.3</u>