

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: Stafford	SW 1/4 SE 1/4 SE 1/4	36	T 23 S	R 14 E W

Distance and direction from nearest town or city? **2 mi W of St. John**

Street address of well if located within city?

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

RR#, St. Address, Box # : _____

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

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

3 DEPTH OF COMPLETED WELL **227** ft. Bore Hole Diameter **8** in. to **227** 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	9 Dewatering
2 Irrigation	4 Industrial	12 Other (Specify below)
7 Lawn and garden only	10 Observation well	Research

Well's static water level **0.61** ft. ~~below~~ **above** land surface measured on **October** month **15** day **1982** year

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

4 TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	6 Asbestos-Cement	8 Concrete tile	Casing Joints: <input checked="" type="checkbox"/> Glued <input type="checkbox"/> Clamped
2 PVC	4 ABS	7 Fiberglass	9 Other (specify below)	Welded _____
Blank casing dia 5 in. to 207 ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.	Casing height above land surface 12 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)	11 Other (specify) _____
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS	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 **227** ft. Dia _____ in. to _____ ft. Dia _____ in. to _____ ft.

Screen-Perforated Intervals: From **207** ft. to **227** ft. From _____ ft. to _____ ft. From _____ ft. to _____ ft.

Gravel Pack Intervals: From **227** ft. to **205** 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 **205** ft. to **120** ft. From **3** ft. to **1.5** 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

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 **June** month **22** day **1978** 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 **Patrick M Cobb** by (signature)

7 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.

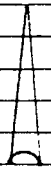




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BIG BEND GMD-5-KGS
 WATER QUALITY
 OBSERVATION WELL
 NETWORK

SITE NUMBER : 4
 SITE LOCATION: SW SE SE

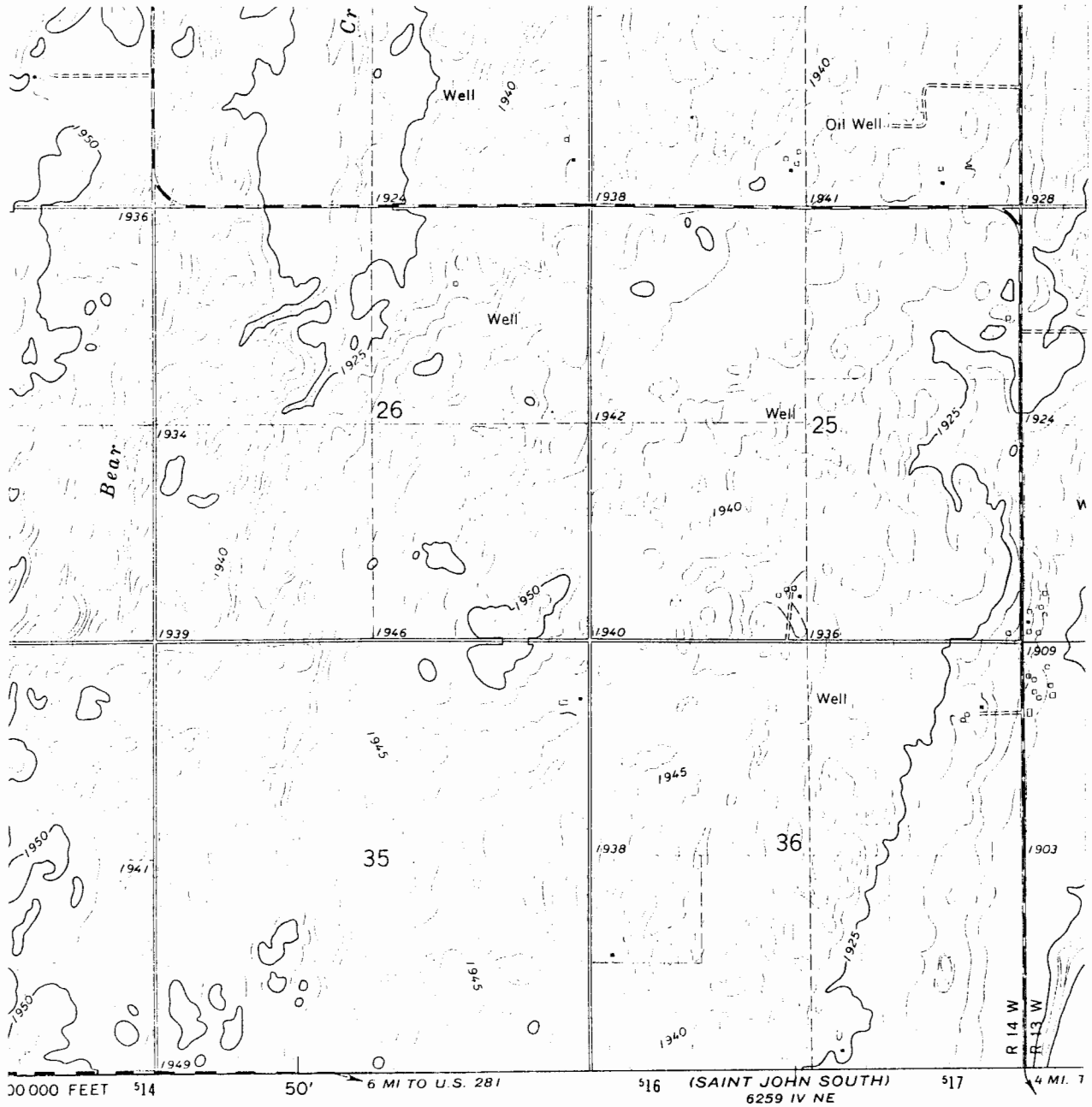
LEGAL LOCATION: 36-23-14W
 COUNTY : STAFFORD

WELL LOG

FROM	TO	LITHOLOGIC LOG	OWNER: GILLESPIE
0	3	black topsoil	
3	13	brownish-grey silty clay, little sand	
13	17	brownish black clay	
17	20	grey sandy clay	
20	22	fine sand	
22	53	fine to coarse sand with yellowish-brown clay	
53	69	yellow clay, increase in sand with depth	
69	130	pinkish brown sandy clay, fine to coarse sand pink caliche at 115-119'	
130	132	sand, fine to med., some pink clay	
132	140	gray clay, some gravel and caliche	
140	176	yellow chalky clay at 140'; more gravel at 147'; heavy chatter at 149'; slow drilling at 151'; some pinkish clay throughout; coal at 160'; at 175', dark grey shale-like inclusions	
176	180	red silty clay	
180	188	light grey clay	
188	204	qtz. arkosic sand; some calcareous yellow brown siltstone; white non-calcareous chips at 192'; trace of oil at 200'	
204	227	red siltstone, non-calcareous--PERMIAN	
		<i>Carbonaceous Bedrock 129' depth</i>	
		<i>Permian Bdn (206') depth</i>	
			
			
			
		TD=227'	TD=112'
		208'/20'	106'/6'
		53'/5'	

SITE NUMBER : 4
SITE LOCATION : SW SE SE
LEGAL LOCATION: SEC36 T23S R14W
COUNTY : STAFFORD

LANDOWNER: DAYLE GILLESPIE, JR.
ADDRESS : ROUTE 1
 St. JOHN, KANSAS 67576
PHONE NO.: 316-549-6646



WELL LOCATION *

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

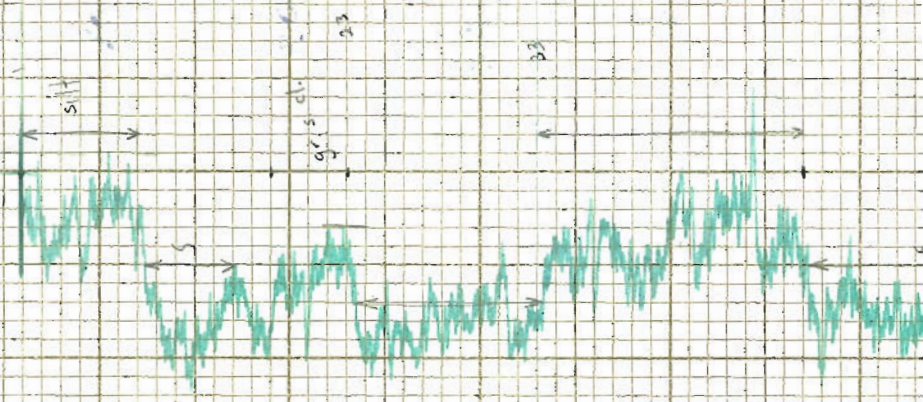
SITE NUMBER : 4	LEGAL LOCATION : 36-23-14W
SITE LOCATION: SW SE SE	COUNTY : STAFFORD
SAMPLING DATE: OCTOBER 1978	NUMBER OF WELLS: 3

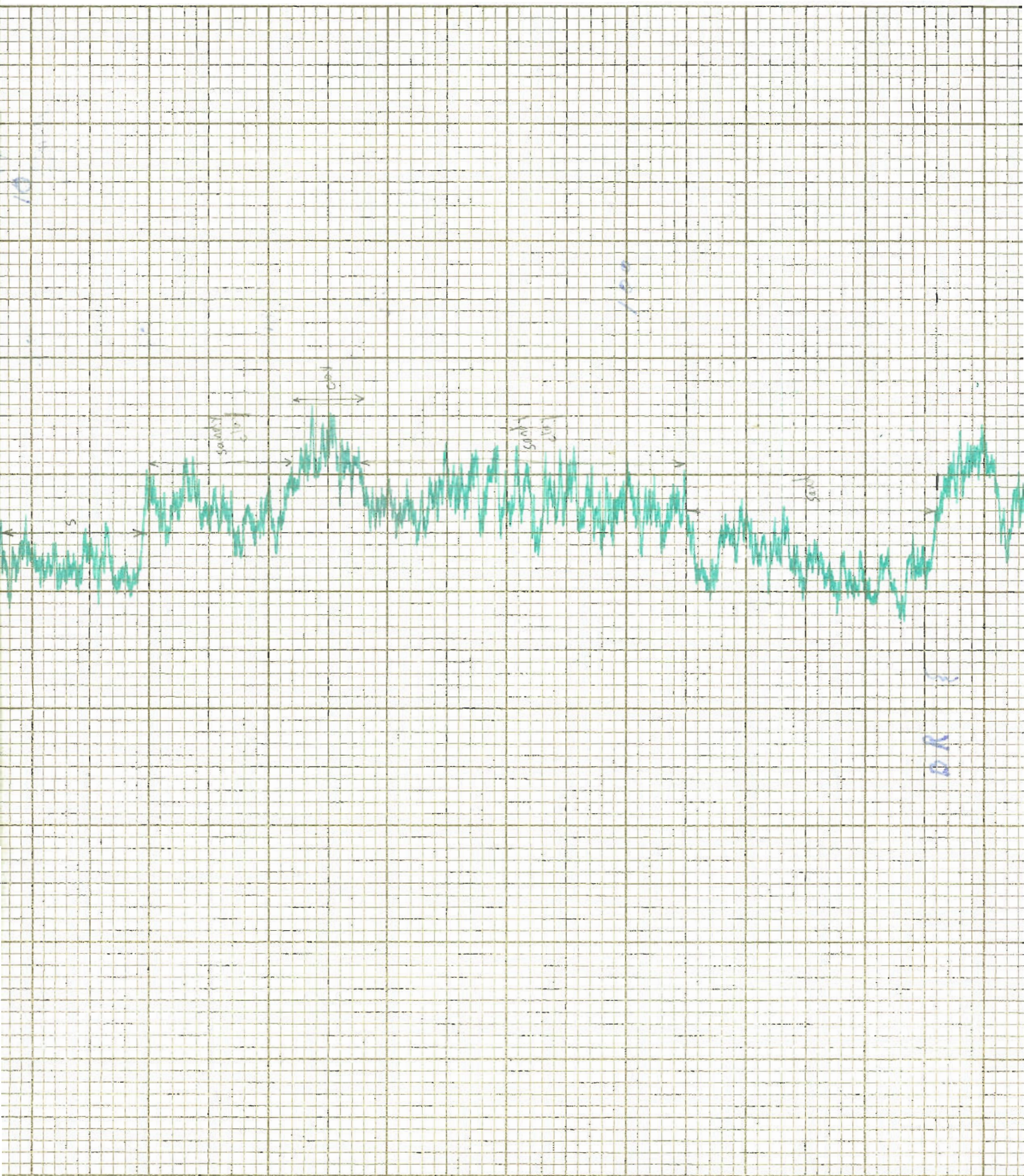
WATER QUALITY ANALYSIS (mg./l)

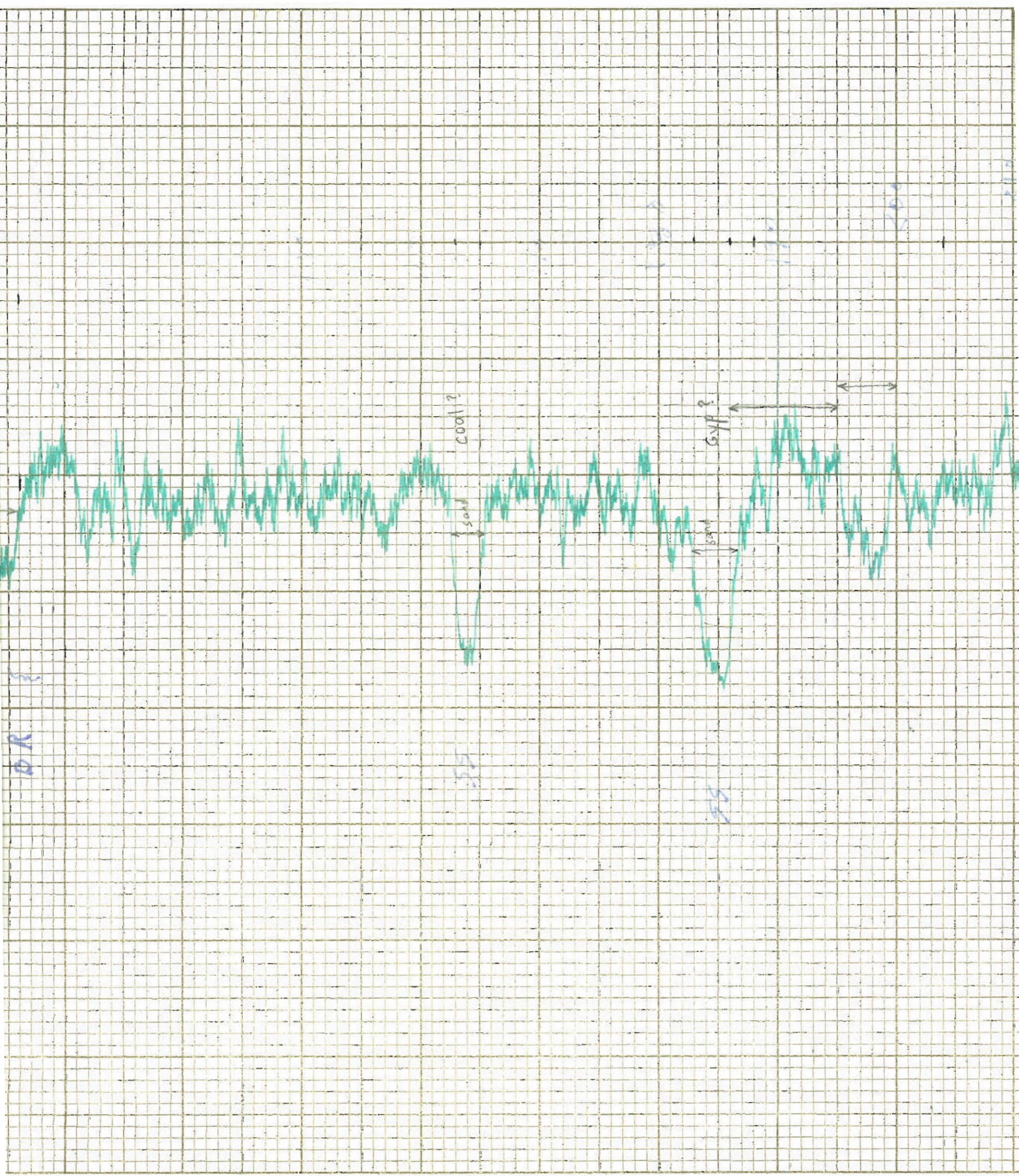
	<u>WELL#1</u>	<u>WELL#2</u>	<u>WELL#3</u>	<u>WELL#4</u>
TEMPERATURE, C	<u>16.5</u>	<u>16.0</u>	<u>16.0</u>	_____
SPECIFIC CONDUCTANCE umho @ 25 deg C.	<u>66,700</u>	<u>3370</u>	<u>917</u>	_____
pH	<u>7.1</u>	<u>7.8</u>	<u>7.5</u>	_____
CALCIUM (Ca):	<u>1926</u>	<u>72</u>	<u>70</u>	_____
MAGNESIUM (Mg):	<u>869</u>	<u>24</u>	<u>12</u>	_____
POTASSIUM (K):	<u>42</u>	<u>5.7</u>	<u>3.6</u>	_____
SILICA (SiO ₂):	<u>14</u>	<u>28</u>	<u>22</u>	_____
SODIUM (Na):	<u>18,140</u>	<u>615</u>	<u>110</u>	_____
SAR:	<u>86</u>	<u>16</u>	<u>3.2</u>	_____
BICARBONATE (HCO ₃):	<u>81</u>	<u>271</u>	<u>260</u>	_____
CHLORIDE (Cl):	<u>10000</u>	<u>958</u>	<u>143</u>	_____
FLUORIDE (F):	<u>0.2</u>	<u>0.9</u>	<u>0.6</u>	_____
NITRATE (NO ₃):	<u>0.5</u>	<u>0.2</u>	<u>1.0</u>	_____
ORTHO-PHOSPHATE (PO ₄):	<u>4.59</u>	<u>3.78</u>	<u>0.09</u>	_____
SULFATE (SO ₄):	<u>3602</u>	<u>122</u>	<u>35</u>	_____
SULFIDE (S):	_____	_____	_____	_____
STRONTIUM (Sr):	<u>38</u>	<u>1.3</u>	<u>0.6</u>	_____

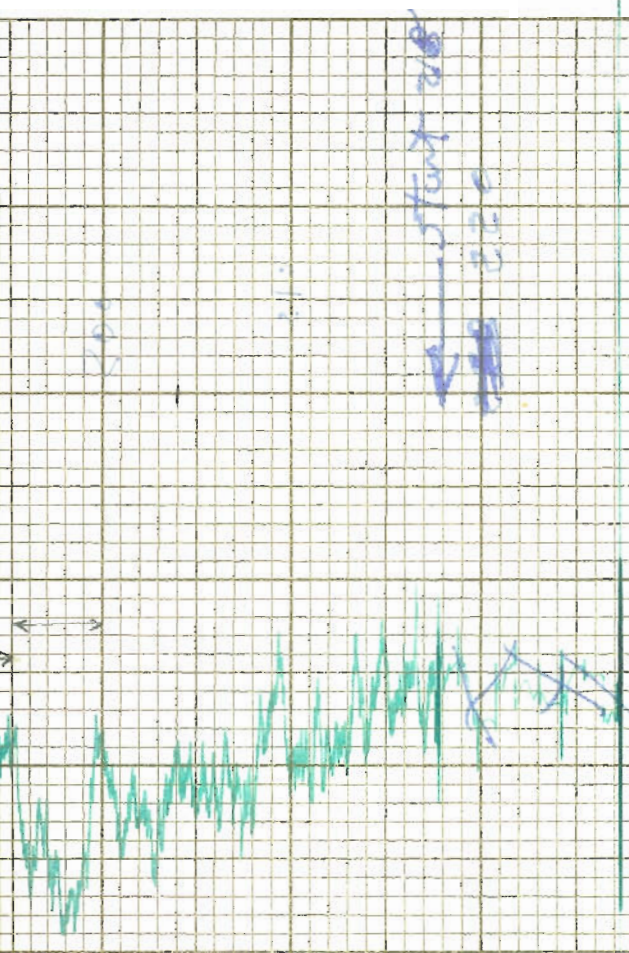
Site # 4 Gillispie
23-14w 36 DDC

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Start at
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 0.00

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 10/1/75
 10/1/75

10/10/10

10/10/10