

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: Stafford	SW 1/4 SW 1/4 SW 1/4	31	T 21 S	R 12 EW

Distance and direction from nearest town or city? **5 mi N, 2 mi W Hudson, Kansas**

Street address of well if located within city?

2 WATER WELL OWNER: **Kansas Geological Survey/Groundwater Management District #5**

RR#, St. Address, Box # : _____ Board of Agriculture, Division of Water Resources

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

3 DEPTH OF COMPLETED WELL... **248** ... ft. Bore Hole Diameter... **9.7/8** ... in. to ... **248** ... 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
		Research

Well's static water level ... **35.40** ... ft. below land surface measured on ... **Jan.** ... month ... **6** ... day ... **83** ... year

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

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

4 TYPE OF BLANK CASING USED:

5 Wrought iron	8 Concrete tile	Casing Joints: Glued ... Clamped ...
1 Steel	3 RMP (SR)	6 Asbestos-Cement
2 PVC	4 ABS	7 Fiberglass
		9 Other (specify below)
		10 Asbestos-cement
		11 Other (specify)
		12 None used (open hole)

Blank casing dia ... **5** ... in. to ... **243** ... ft., Dia ... in. to ... ft., Dia ... in. to ... ft.

Casing height above land surface ... **16** ... 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 ... **243** ... ft., Dia ... in. to ... ft., Dia ... in. to ... ft.

Screen-Perforated Intervals: From ... **243** ... ft. to ... **248** ... ft., From ... ft. to ... ft., From ... ft. to ... ft.

Gravel Pack Intervals: From ... **240** ... ft. to ... **248** ... 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 ... **90** ... ft. to ... **240** ... ft., From ... **0** ... ft. to ... **10** ... 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 ... 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 ... **9** ... month ... **24** ... day ... **80** ... 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 ... **1** ... month ... **27** ... day ... **83** ... 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
	0*	5	sandy topsoil, yellow	165	220	gravel, fine-med., qtz arkose; greenish gray clay stringers
	5	8	sand, fine to coarse, qtz arkose, clay matrix, yellow			
	8	35	sandy-silty clay, yellowish to greenish gray; some caliche	220	248	sandy shale, red; fine to very fine
	35	140	sand, fine-coarse, grvl, qtz arkose; clay matrix, reddish tan to gray			*detailed log available from KGS
	140	160	sand, fine-coarse, qtz arkose			
	160	165	silty clay, greenish gray			

ELEVATION: **1871**

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 21

R 12

EW 13 SEC 31


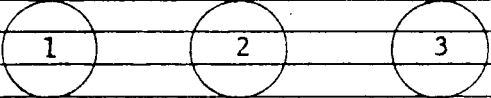
SW 1/4 SW 1/4 SW 1/4

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

SITE NUMBER : 16 (KP1)
SITE LOCATION: SW SW SW

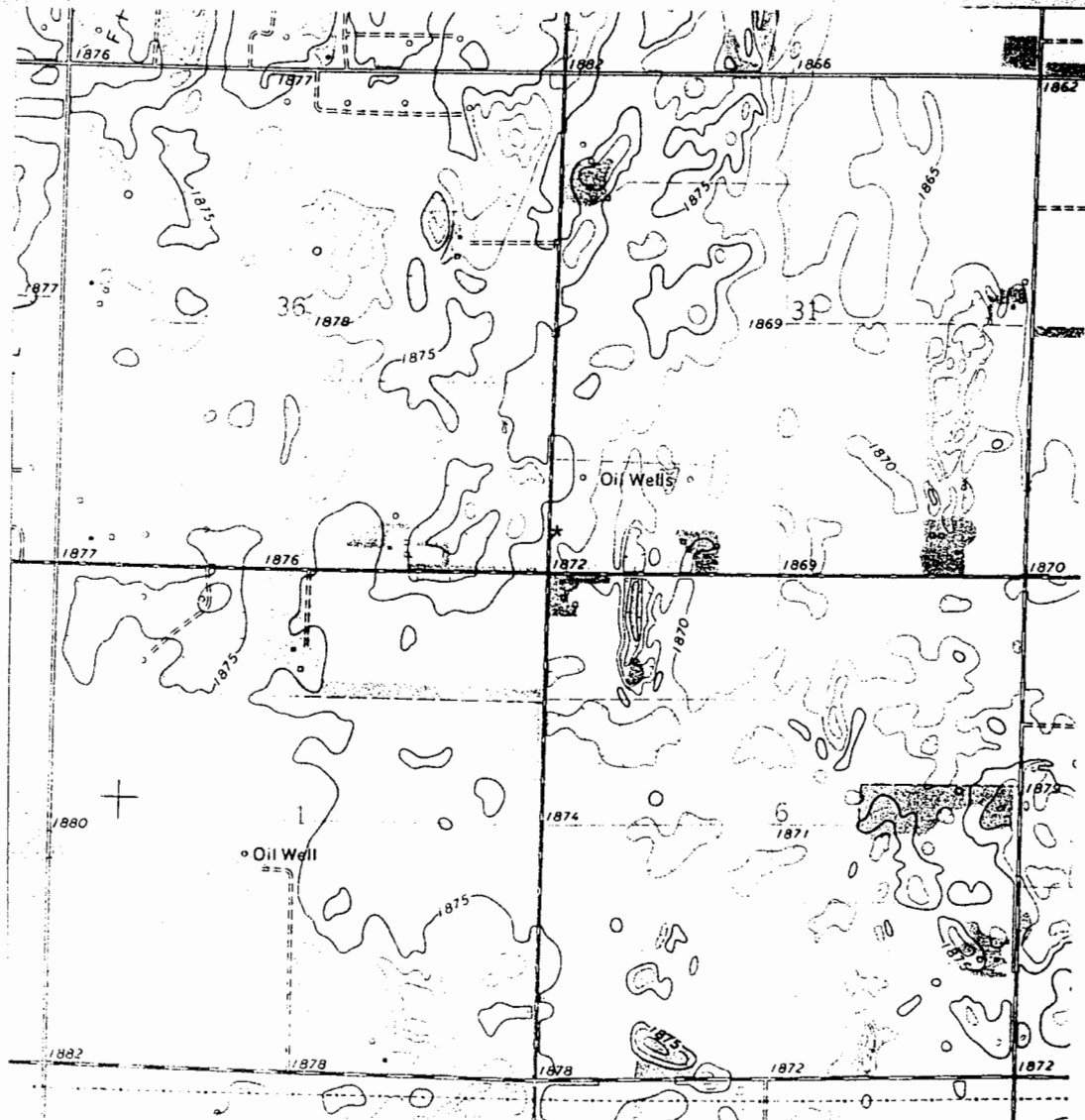
LEGAL LOCATION: 31-21-12W
COUNTY : STAFFORD

WELL LOG

FROM	TO	LITHOLOGIC LOG	OWNER: FISCHER
0	5	sandy soil, yellow	
5	8	sand, fine to coarse, qtz. arkosic; yellow clay matrix	
8	9	stiff grey clay with fine sand	
9	15	light grey clay with caliche nodules, silty	
15	20	yellow-grey clay, silty; some fine sand and caliche	
20	25	tan clay and pinkish-grey clay; some fine sand and trace of caliche	
25	30	greenish grey clay, some pinkish-grey clay, silty with very fine sand, trace of caliche	
30	35	light grey silty clay	
35	45	med. to coarse sand, reddish tan clay matrix	
45	50	fine qtz. arkosic sand with pinkish grey clay	
50	70	med. to coarse sand, qtz. arkosic, with yellow-grey and light grey clay	
70	75	fine to med. gravel; med. to coarse sand, qtz. arkosic; tan clay matrix	
75	85	med. to fine gravel and med. to coarse sand; small amount of clay	
85	140	coarse to med. sand, qtz. arkosic; some fine gravel; grey-green clay matrix	
140	160	fine to coarse qtz. arkosic sand	
160	165	greenish-grey silty clay	
165	220	fine to med. qtz. arkosic gravel; greenish-grey clay stringers	
220	248	red bed, sandy shale, red, fine to extra fine grained--PERMIAN	
			
			
		1	2
		3	
		TD=248'	TD=203'
		243'/5'	198'/5'
			TD=85'
			80'/5'

SITE NUMBER : 16 (KPI)
SITE LOCATION : SW SW SW
LEGAL LOCATION: SEC31 T21S R12W
COUNTY : STAFFORD

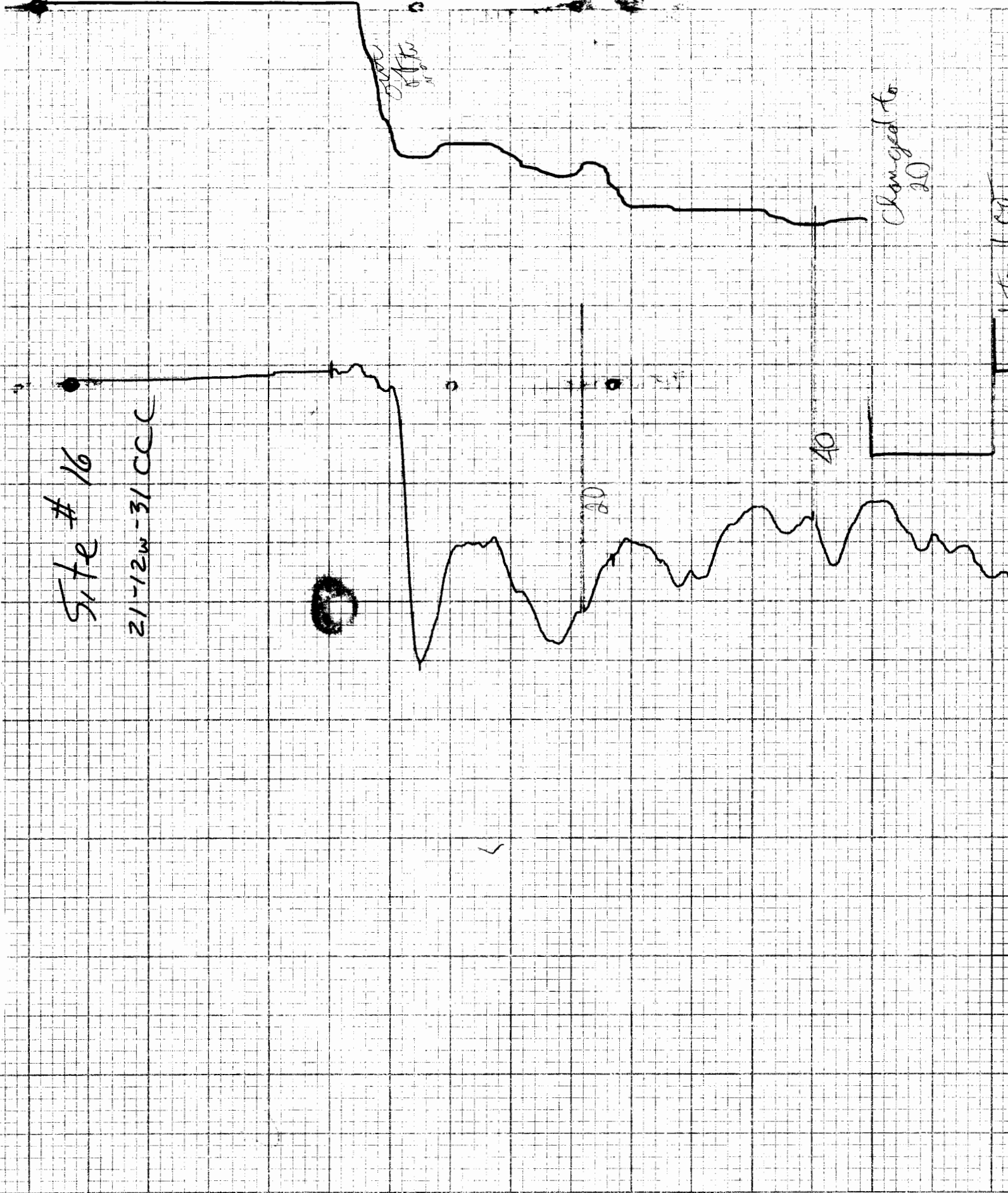
LANDOWNER: GERALD FISCHER
ADDRESS : RURAL ROUTE
SEWARD, KANSAS 67577
PHONE NO.: 316-458-2623



WELL LOCATION *

WIRE LINE LOG DATA

Site #	Well #	Time	Date	Type of Log	Depth of Well From Log	Date	Comments
				G=Gamma C=Cond. T=Temp.		Last Pumped	
16	1	12:25 PM	6/19/84	G	248		Started from the bottom of 246 ft.



Site # 16

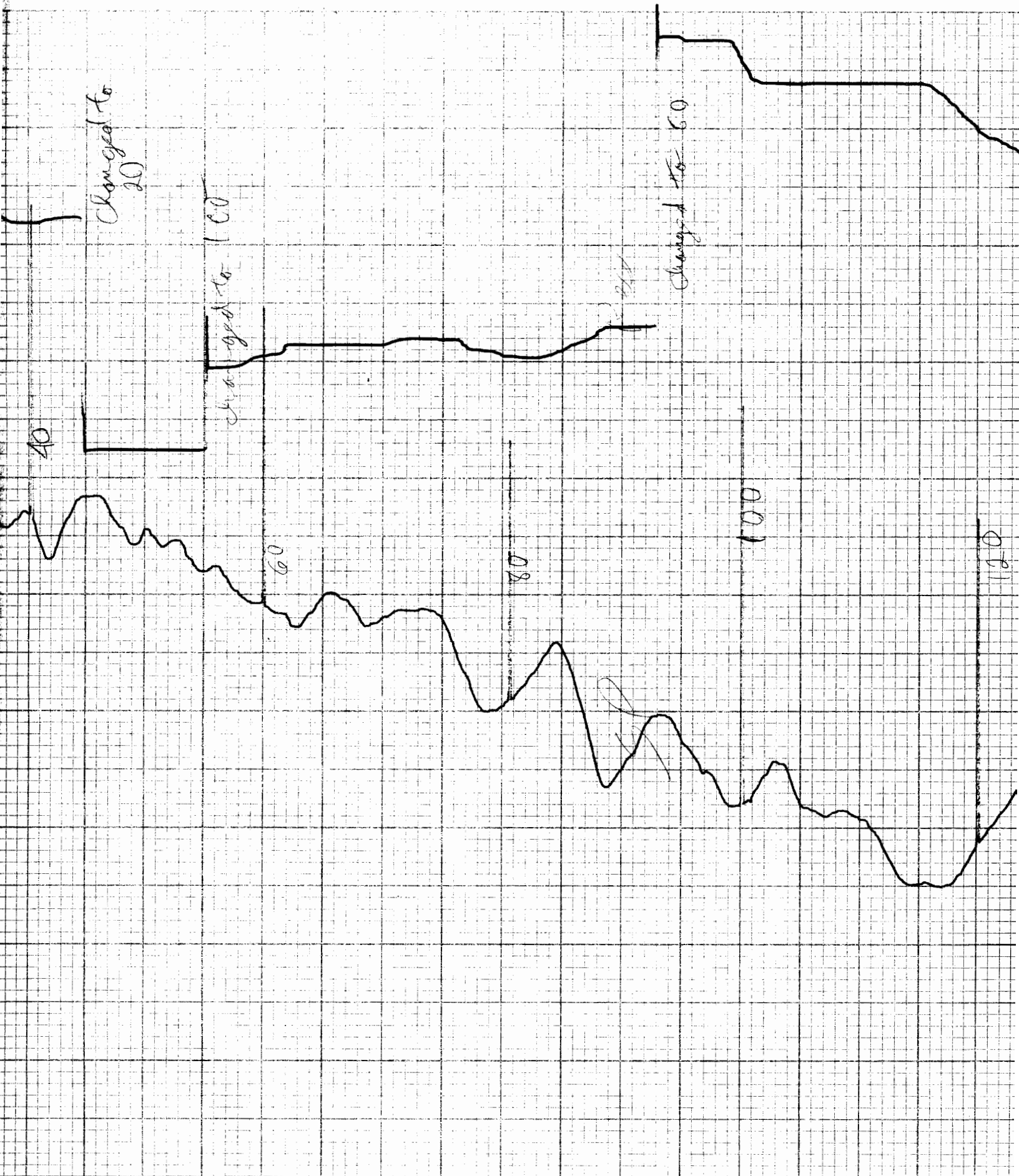
21-12w-31 CCC

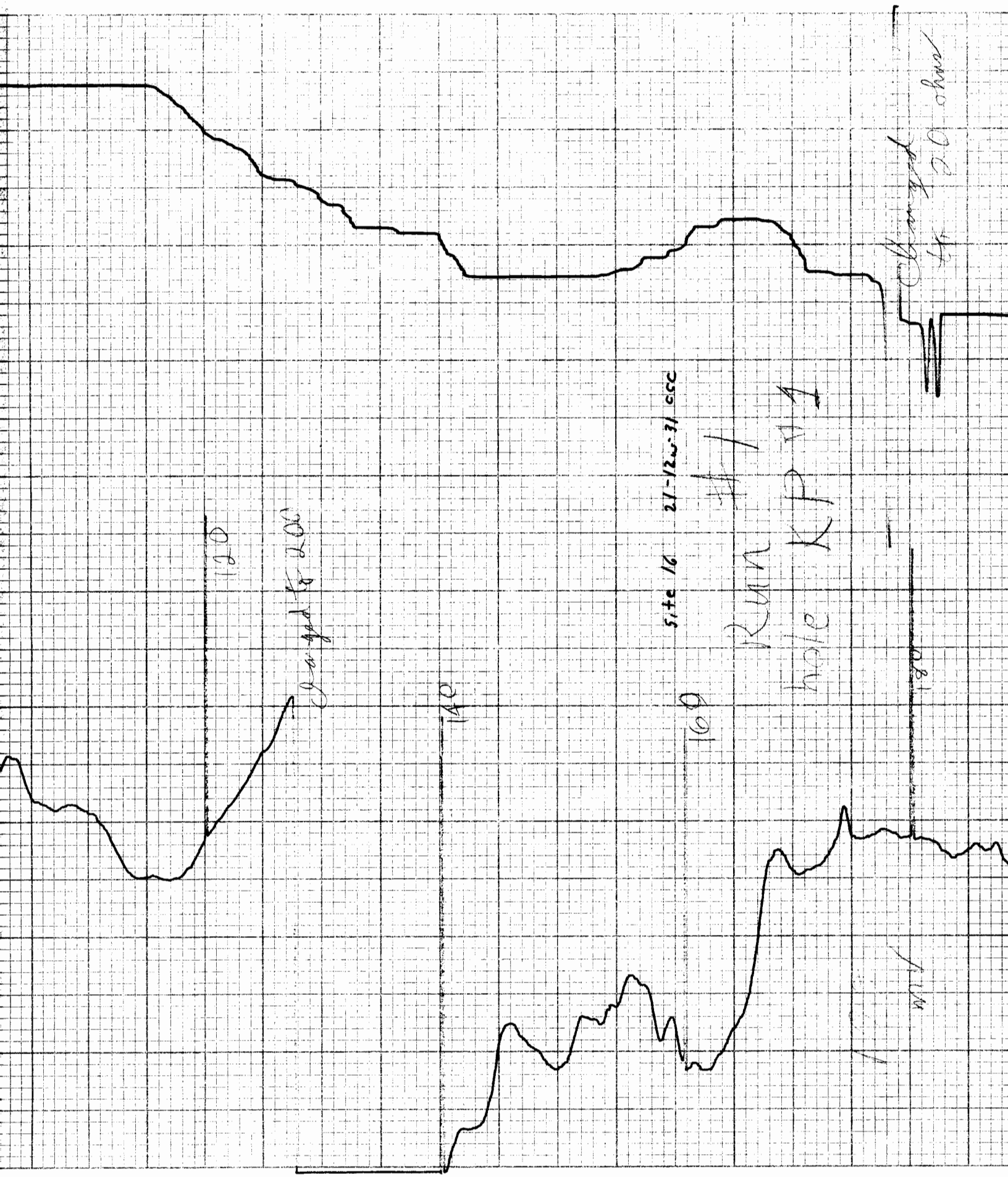


40

40

Changed to 20





120

changed to 200

140

site 16 21-12-31 CSC

160

Run #1
hole KPA1

180

changed

20 ohms

