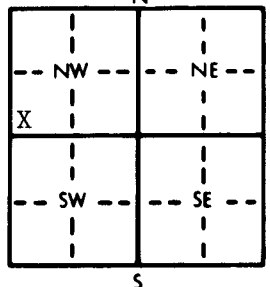


1 LOCATION OF WATER WELL: County: Stafford Fraction: SW 1/4 SW 1/4 NW 1/4 Section Number: 6 Township Number: T 21 S Range Number: R 13 EW

Distance and direction from nearest town or city street address of well if located within city? Approx. 5 miles north of Seward, KS

2 WATER WELL OWNER: Big Bend GWMD #5 RR#, St. Address, Box #: P.O. Box 7 City, State, ZIP Code: Stafford, KS 67578 Board of Agriculture, Division of Water Resources Application Number: not required

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



4 DEPTH OF COMPLETED WELL: 197 ft. ELEVATION: unknown. WELL'S STATIC WATER LEVEL: 27.5 ft. below land surface measured on 11/14/86. Pump test data: Well water was not ck'd. Est. Yield unknown gpm. Bore Hole Diameter: 9 in. to 19.5 in. 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, 9 Dewatering, 12 Other (Specify below), 2 Irrigation, 4 Industrial, 7 Lawn and garden only, 10 Observation well. Was a chemical/bacteriological sample submitted to Department? Yes No X. Water Well Disinfected? Yes No X

5 TYPE OF BLANK CASING USED: 1 Steel, 3 RMP (SR), 2 PVC, 4 ABS, 5 Wrought iron, 8 Concrete tile, 6 Asbestos-Cement, 9 Other (specify below), 7 Fiberglass, CASING JOINTS: Glued X, Clamped, Welded, Threaded. Blank casing diameter: 5 in. to 190 ft., Dia. Casing height above land surface: 24 in., weight: 2.788 lbs./ft. Wall thickness or gauge No.: 265

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel, 3 Stainless steel, 5 Fiberglass, 7 PVC, 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-PERFORATED INTERVALS: From 190 ft. to 195 ft. GRAVEL PACK INTERVALS: From 185 ft. to 195 ft.

6 GROUT MATERIAL: 1 Neat cement, 2 Cement grout, 3 Bentonite, 4 Other. Grout Intervals: From 0 ft. to 185 ft.

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

Table with columns FROM, TO, LITHOLOGIC LOG. Rows describe soil layers from 0 to 148 feet depth, including topsoil, sand & gravel, clay, and Dakota drift.

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on 11/14/86 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 185 This Water Well Record was completed on 11/20/86 under the business name of Clarke Well & Equipment, Inc. by (signature)

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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

3

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

SITE NUMBER : 50
SITE LOCATION: SW SW NW

LEGAL LOCATION: 6-21-13
COUNTY : Stafford

1913

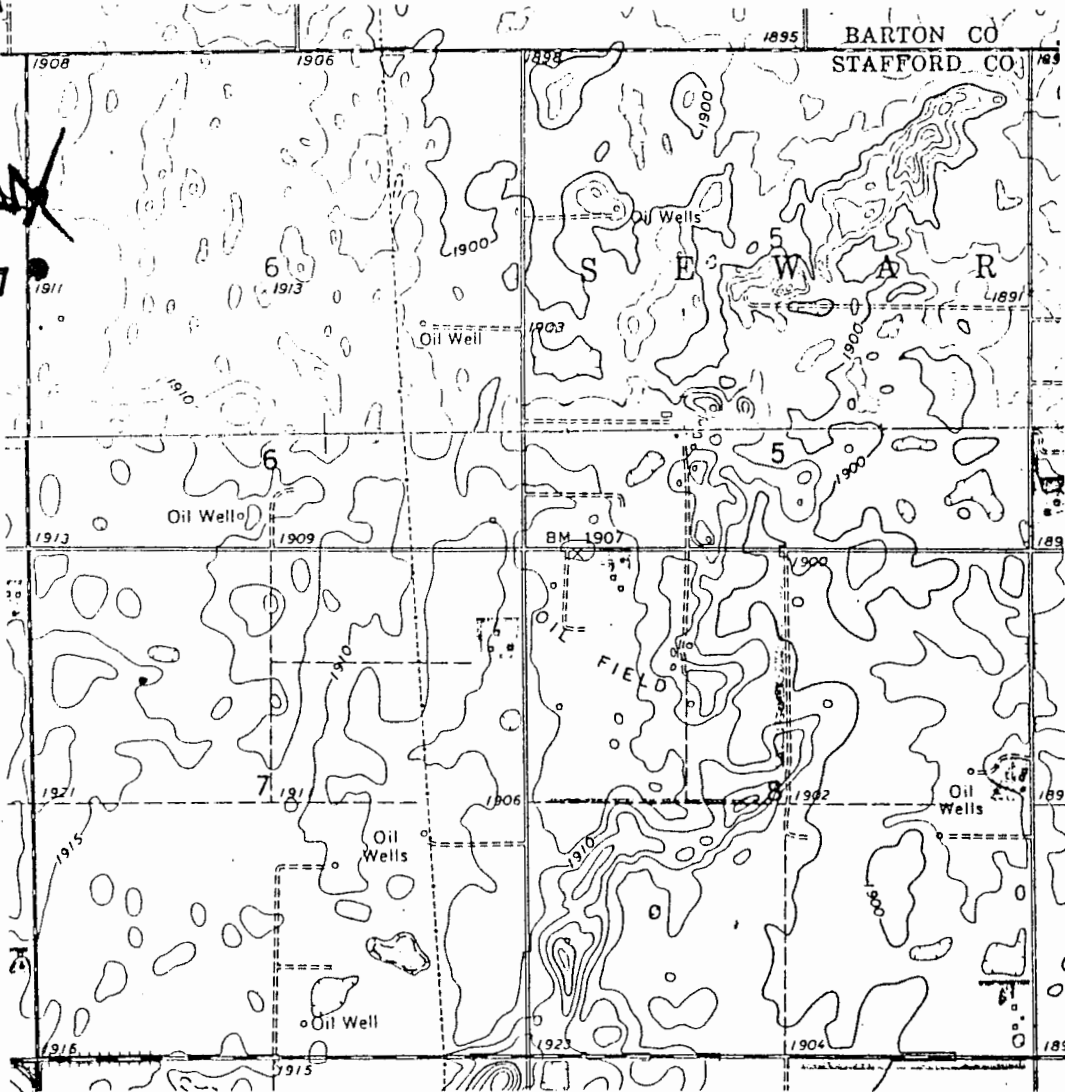
WELL LOG

FROM	TO	LITHOLOGIC LOG	OWNER: DOONAN & SONS INC
0	5	top soil & fine sand, med to dark brown	
5	8	hard dark blue-gray clay	
8	9	hard med brown clay with dark blue-gray mottled gray to tan clay	
9	13	tan clay with red-brown mottling	
13	13½	tan clay with fine sand	
13½	16	dark tan clay with fine sand and red-brown mottling	
16	22	fine and silty sand to thin tan clay stringers	
22	26	fine sand, tan in color	
26	30	fine to med sand with trace yellow-tan clay	
30	34	yellow clay with fine sand	
34	40	fine sand and gravel with thin tan sandy clay streaks	
40	45	fine sand to arkosic gravel	
45	50	fine sand to med coarse arkosic gravel	
50	55	med sand and med coarse gravel; arkosic	
55	60	med to coarse sand and gravel (pea size) with thin yellow-tan clay streaks	
60	65	fine sand to med gravel	
65	70	med to coarse gravel with thin yellow-tan clay streaks	
70	71	streaks of green clay with fine sand	
71	75	med to coarse sand and gravel; Arkosic and clean	
75	80	same	
80	85	same	
85	89	same; but med coarse pebbles	
89	90	streaks of dark gray sandy clay	
90	95	soft brown clay with sand and some coarse gravel	
95	100	soft brown clay with sand and some gravel streaks	
100	105	med and very coarse sand and gravel with some light brown sandy clay streaks	
105	110	same	
110	115	same; but very arkosic	
115	118	same; with a few green sandy clay streaks	
118	125	med to coarse sand and gravel with thin gray streaks	
125	130	same	
130	131½	same	
131½	135	blue-gray and tan clay interbedded with sand and gravel with trace of caliche	
135	140	hard sandy tan clay with fine sand streaks	

SITE NUMBER : 50
SITE LOCATION : SW SW NW
LEGAL LOCATION: 6-21-13
COUNTY : Stafford

LANDOWNER: Doonan & Sons, Inc
ADDRESS : Highway 56 & 156 Junction
 Great Bend, KS 67530
PHONE NO.:

*use
 this
 site*



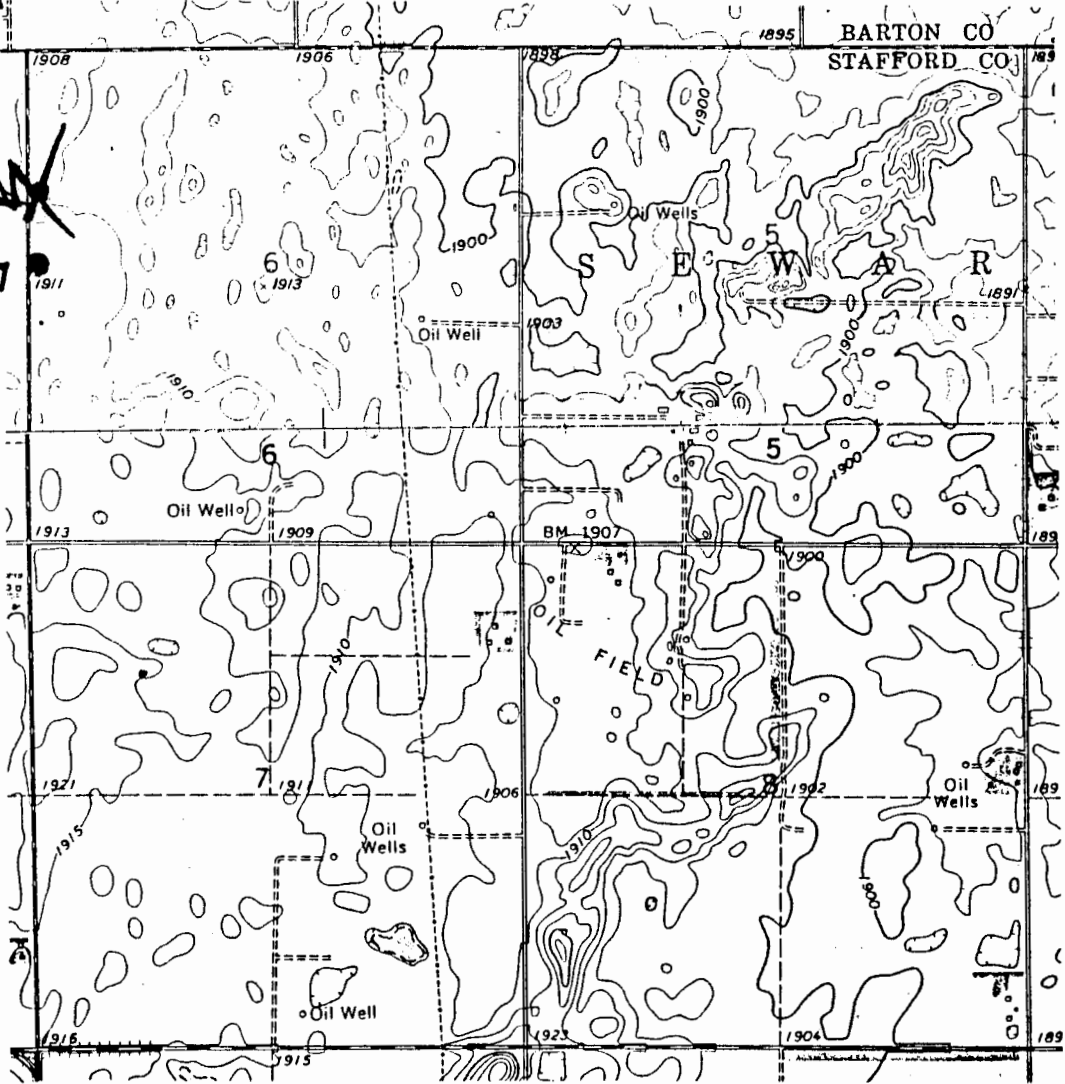
11
 3
 2
 175

WELL LOCATION *

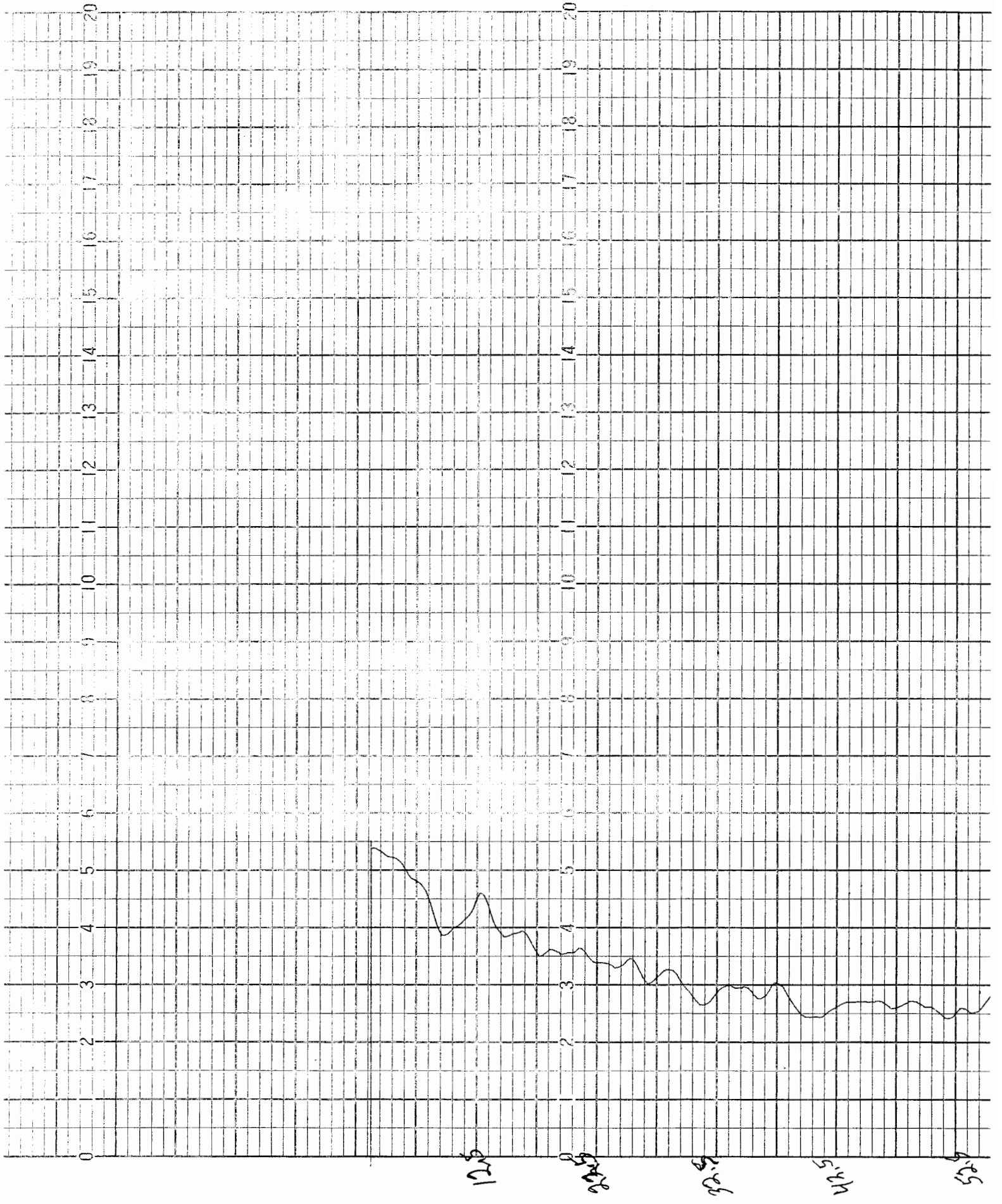
SITE NUMBER : 50
SITE LOCATION : SW SW NW
LEGAL LOCATION: 6-21-13
COUNTY : Stafford

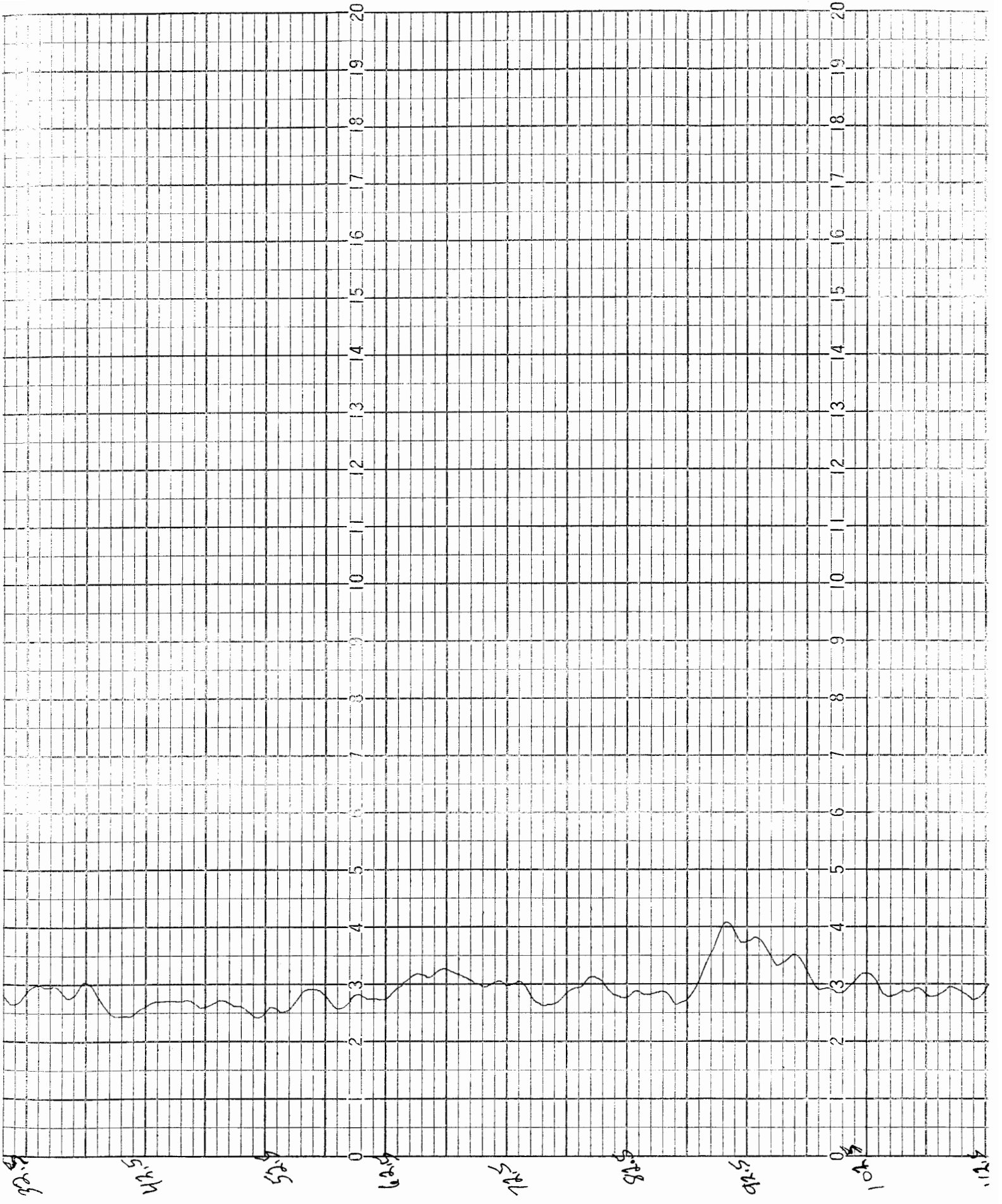
LANDOWNER: Doonan & Sons, Inc
ADDRESS : Highway 56 & 156 Junction
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PHONE NO.:

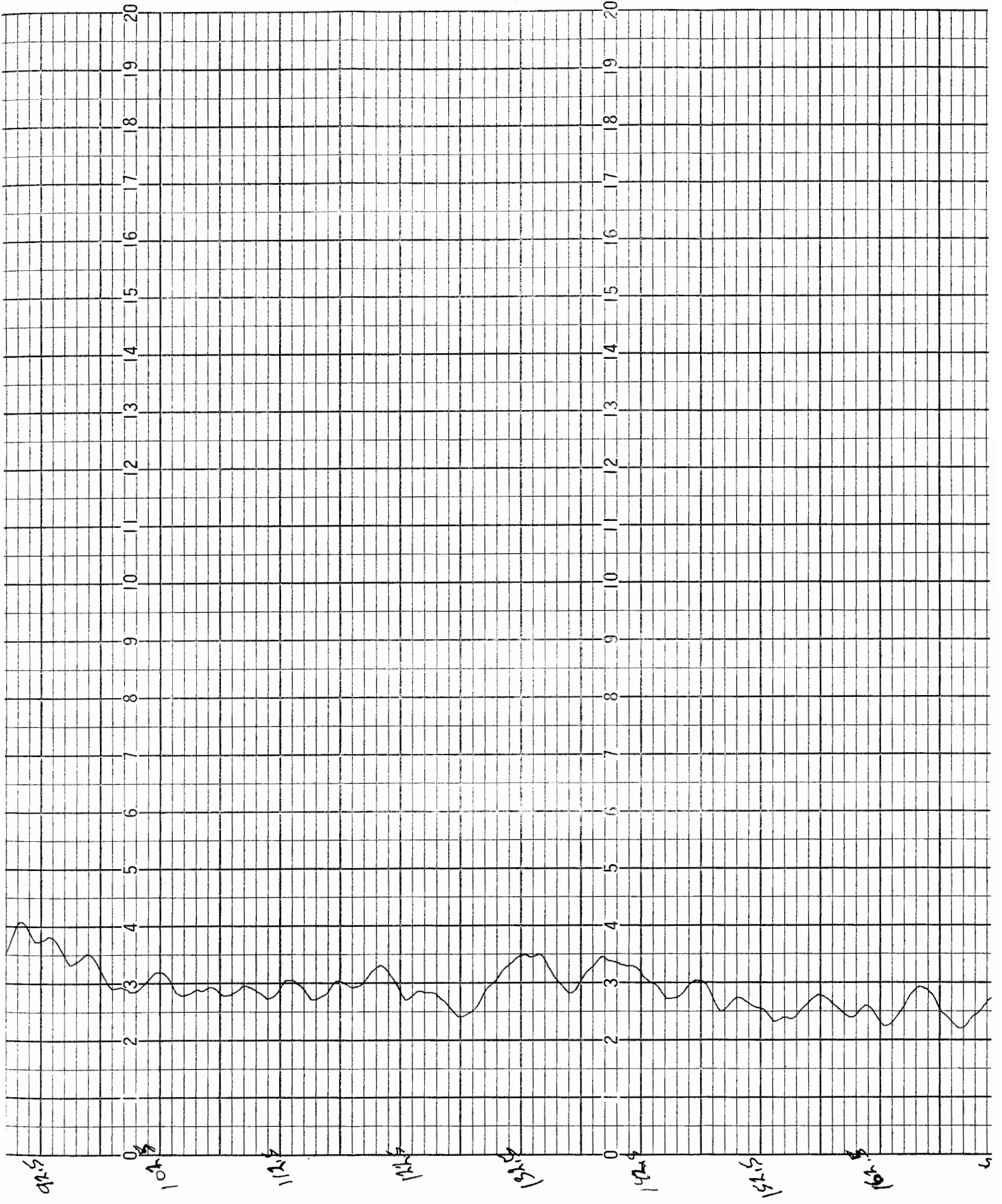
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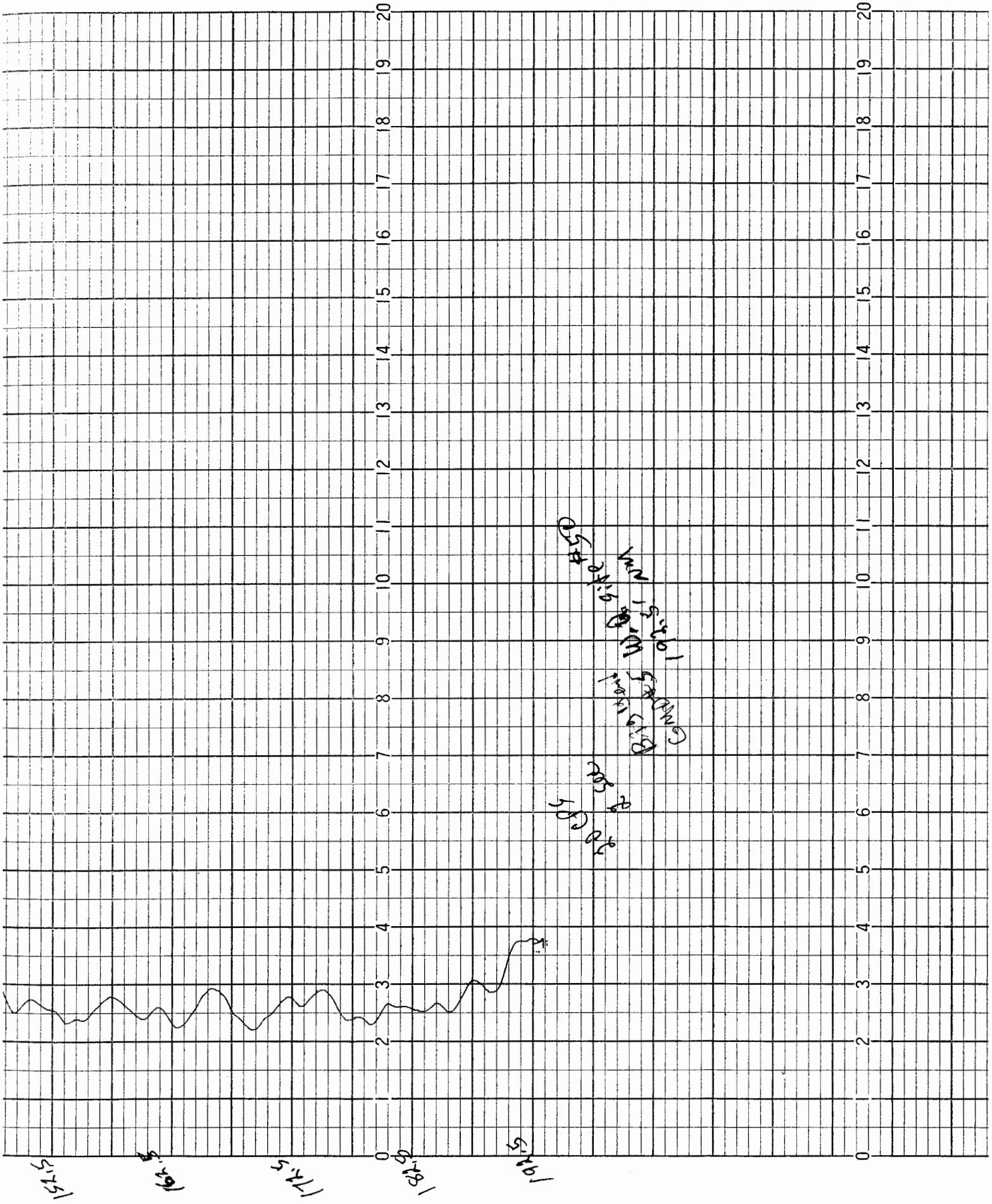


WELL LOCATION *









0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Site 50 Well #1

Gamma

T21S R13W - Sec 6 BCC

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20