Case No
6871

Large Exhibits

N.M.R.C.P. MICROGRAPHICS

BEST AVAILABLE COPY

GEARHART

BOREHOLE AUDIO TRACER
DIFFERENTIAL TEMPERATURE LOG

FILING NO.

COMPANY PERRY R. BASS
WELL BIG EDDY NO. [illegible]
FIELD INDIAN FLATS (ATOKA)
COUNTY EDDY STATE NEW MEXICO
LOCATION 1980' FSL & 1980' FEL
SEC 35 TWP 21-S RGE 28-E

Other Services

Permanent Datum GL Elev 3180
Log Measured from KB 18 Ft. Above Perm Datum
Drilling Measured from KB

Elev. KB 3192
DF 3197
GL 3180

Date	7-22-83
Run No.	One
Depth Driller	DTL/BATS
Depth Logger	12660
Bottom Logged Interval	Not Tagged
Top Logged Interval	3800
Type Fluid in Hole	2800
Max. Rec. Temp. °F	Gas
Equip. No. and Location	6067 Midland
Recorded By	Williams
Witnessed By	Mr. Rodgers

BORE-HOLE RECORD

Run No.	Bit	From	To

TUBING RECORD

Size	Wgt	From	To
2 7/8	6.5	Surface	

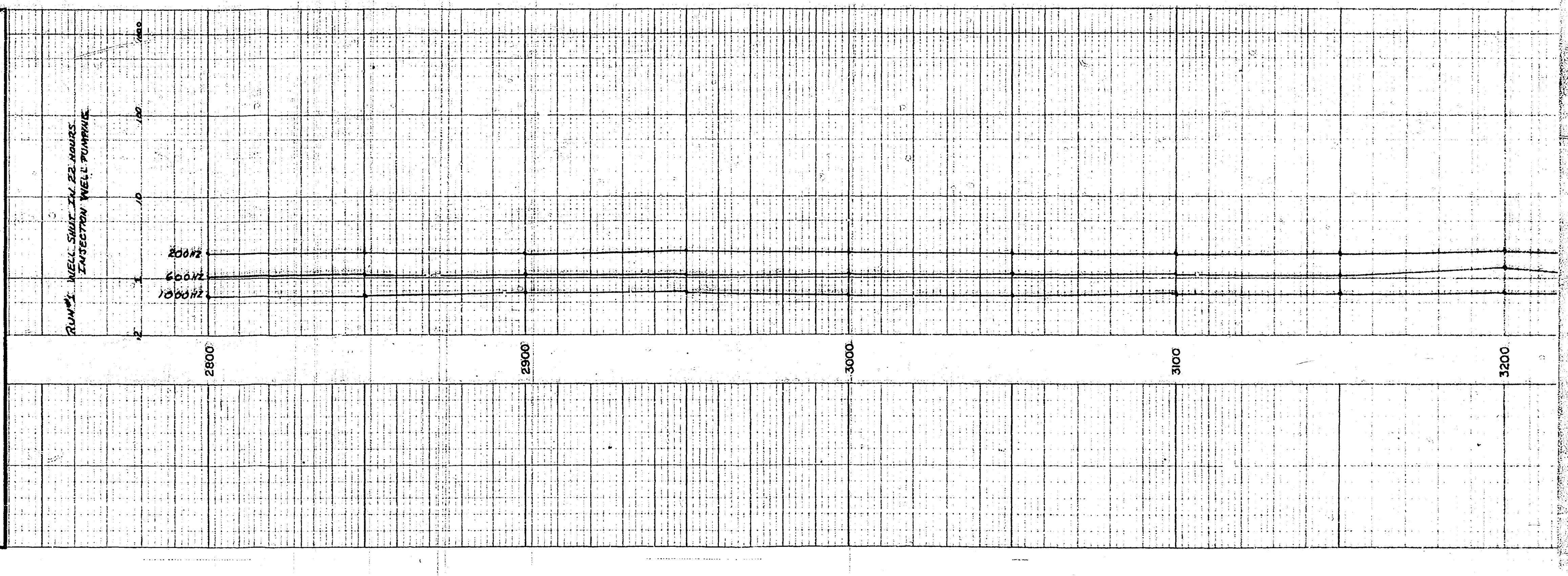
CASING RECORD

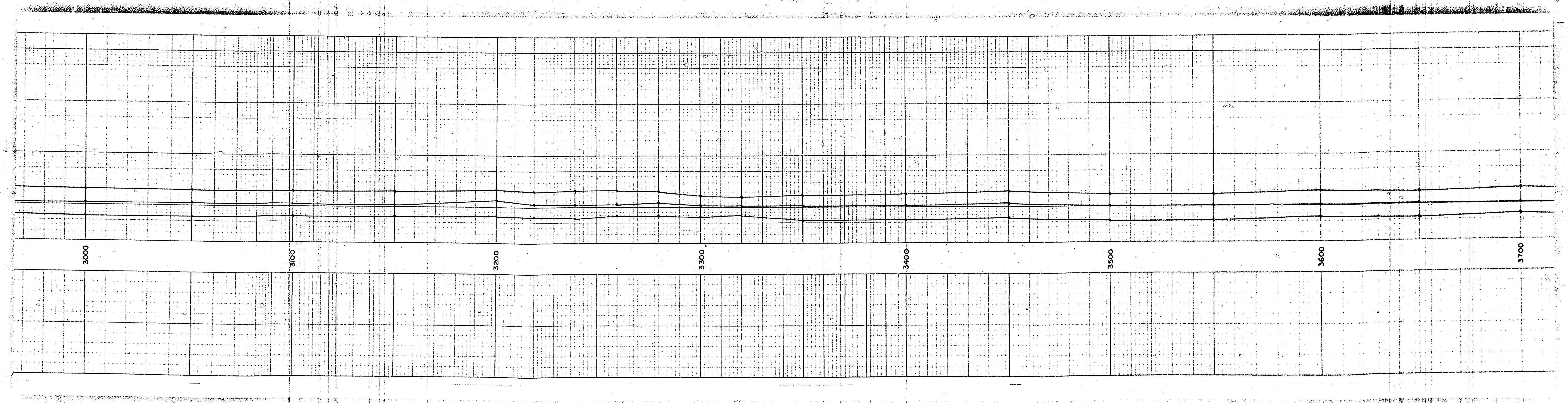
Size	Wgt	From	To
8 5/8	24	Surface	2795
5 1/2	17	Surface	12660

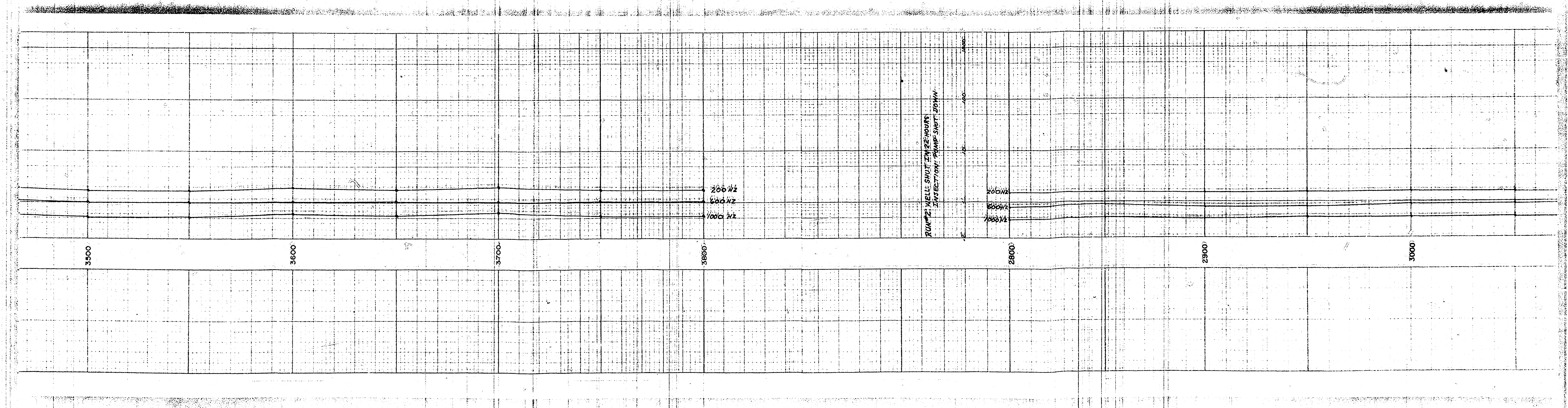
LINER

Size	Wgt	From	To

NOTICE: All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions as set out in our current Price Schedule.
GEARHART INDUSTRIES, INC.


RUN#1 WELL SHUT IN 22 HOURS
INJECTION WELL PUMPING


3000
3100
3200
3300
3400
3500
3600
3700


200 HZ
600 HZ
1000 HZ
RUN #2: WELL SHUT IN 22 HOURS
INJECTION PUMP SHUT DOWN
1000
100
10
1
200HZ
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1000HZ
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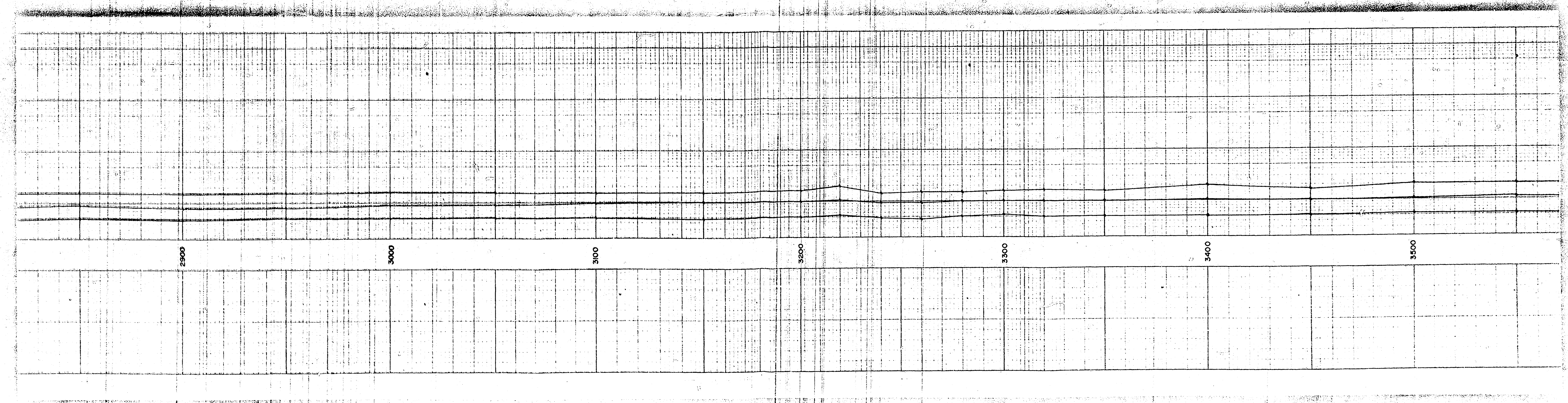
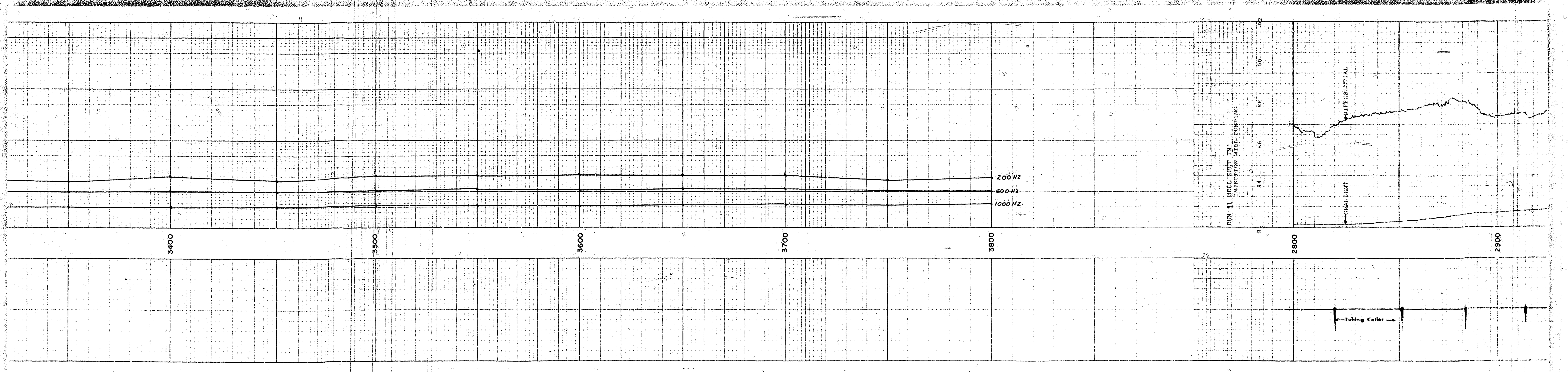
3600
3700
3800
2800
2900
3000



N.M.B.M.M.R. MICROGRAPHICS

BEST AVAILABLE COPY



N.M.B.G.F. MICROGRAPHICS

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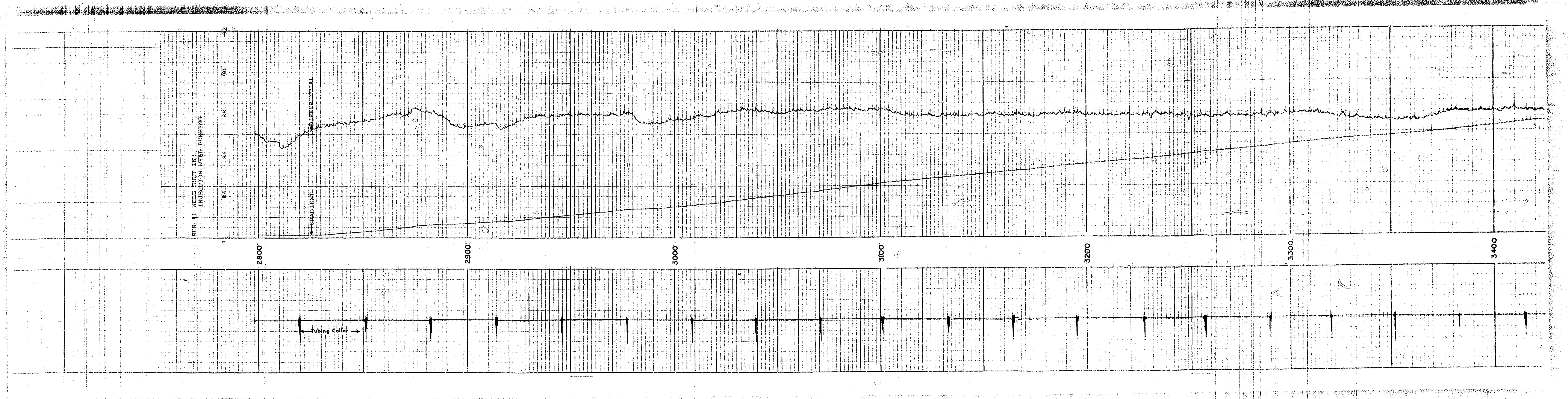

N.M.R.C.F. MICROGRAPHICS
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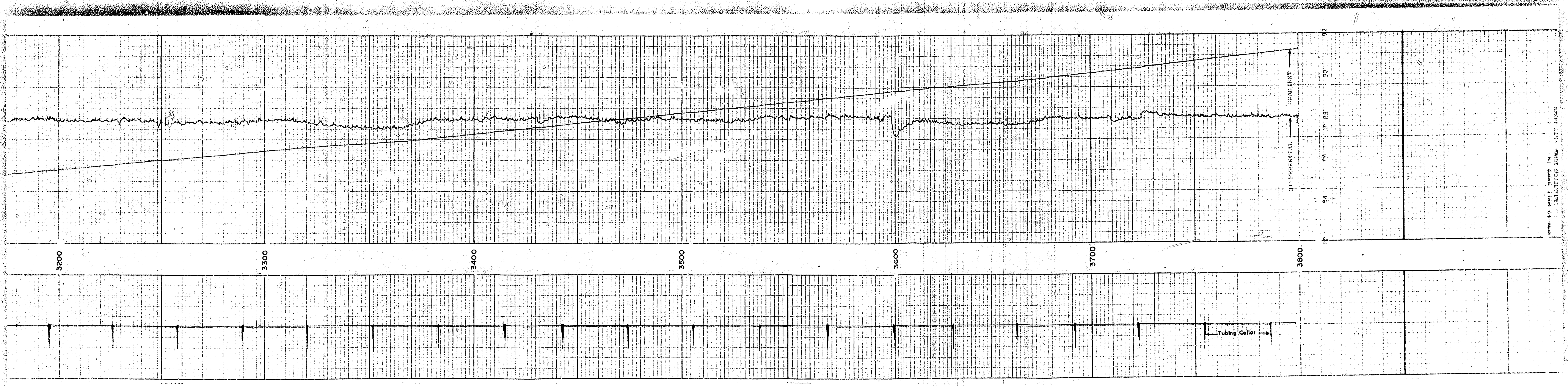

GRADIENT
DIFFERENTIAL
92
90
88
86
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3200
3300
3400
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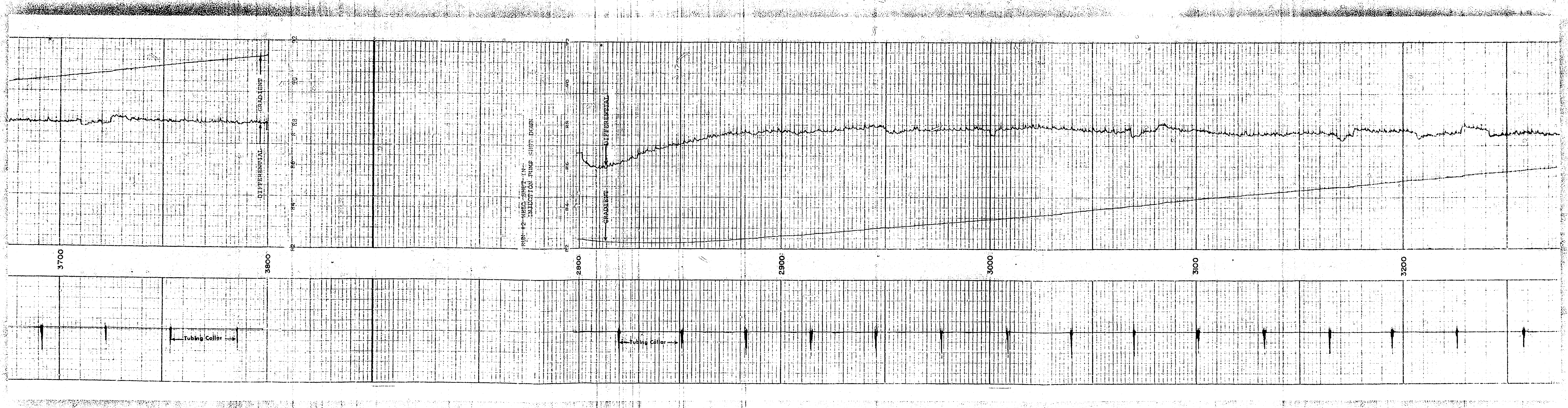
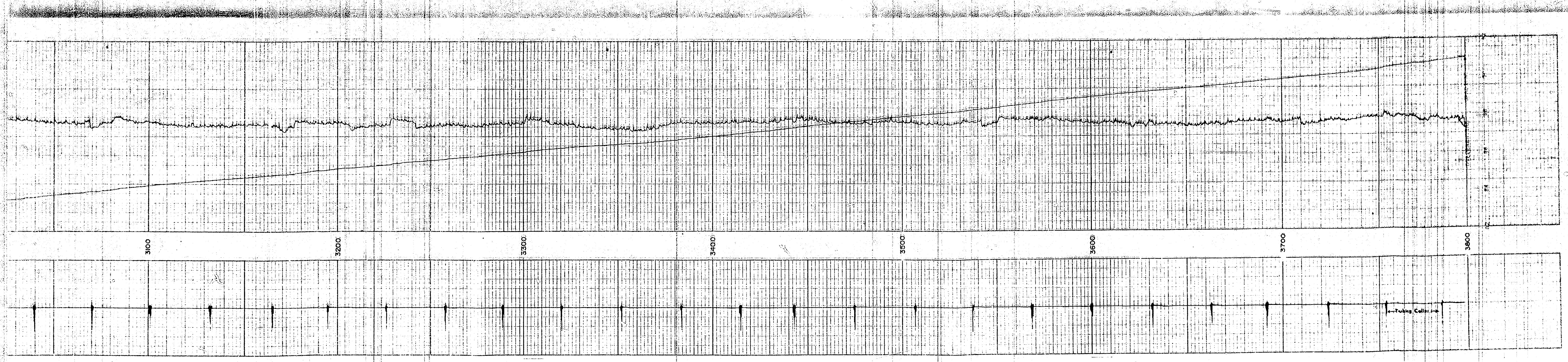
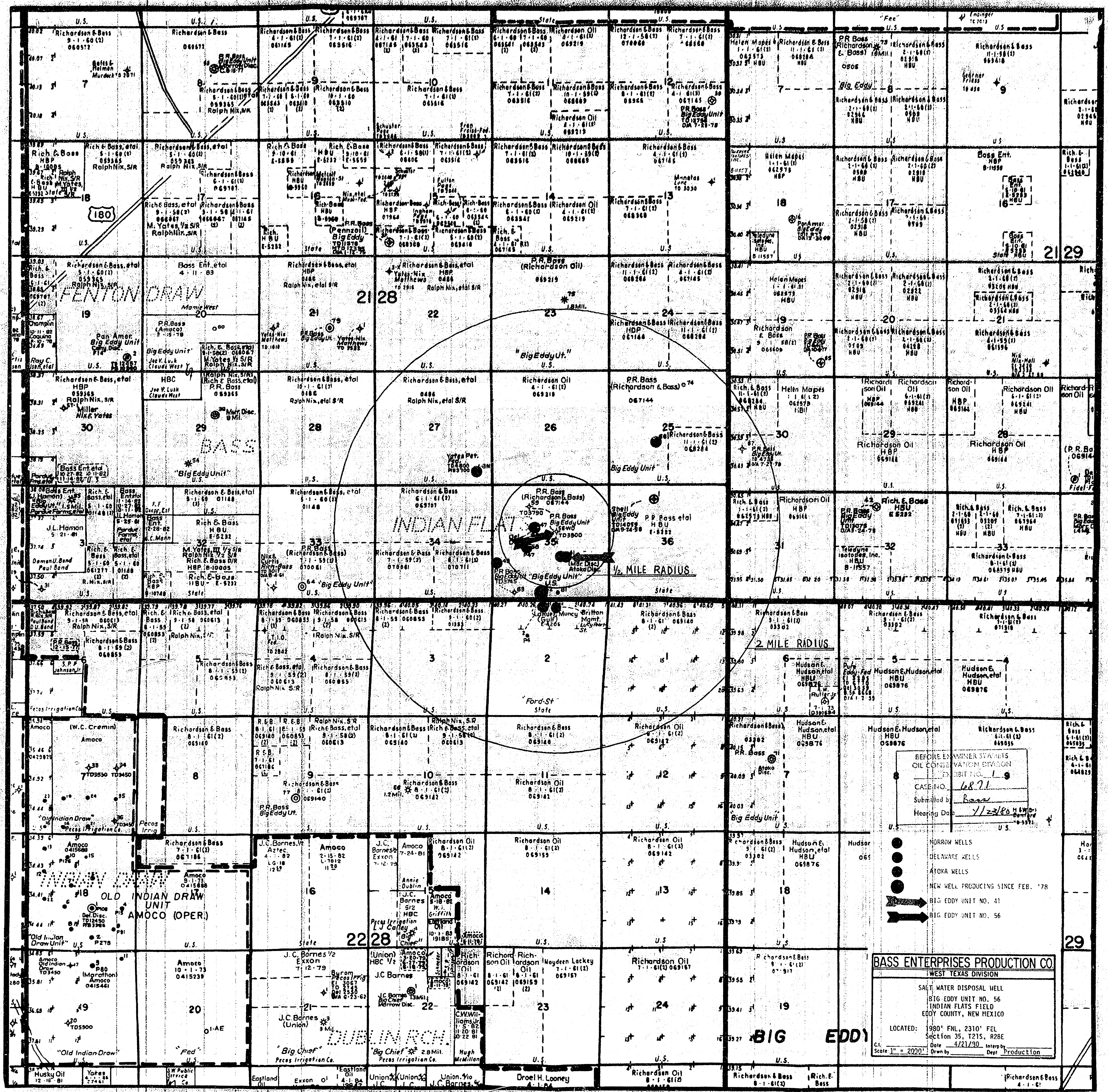
3700
3800
Tubing Collar


3700
3800
DIFFERENTIAL
GRADIENT
Tubing Collar
RUN #2 WELL SHUT-IN
INJECTION PUMP SHUT DOWN
82
84
86
88
90
92
2800
GRADIENT
DIFFERENTIAL
Tubing Collar
2900
3000
3100
3200


3100
3200
3300
3400
3500
3600
3700
3800
←Tubing Collar→


FENTON DRAW
BASS
"Big Eddy Unit"
INDIAN FLATS
1/2 MILE RADIUS
2 MILE RADIUS
"Ford-St"
INDIAN DRAW
OLD INDIAN DRAW UNIT
AMOCO (OPER.)
DUBLIN RCH.
BIG EDDY
21 28
21 29
22 28
29
180

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. 1
CASE NO. 6871
Submitted by Bass
Hearing Date 4/23/80

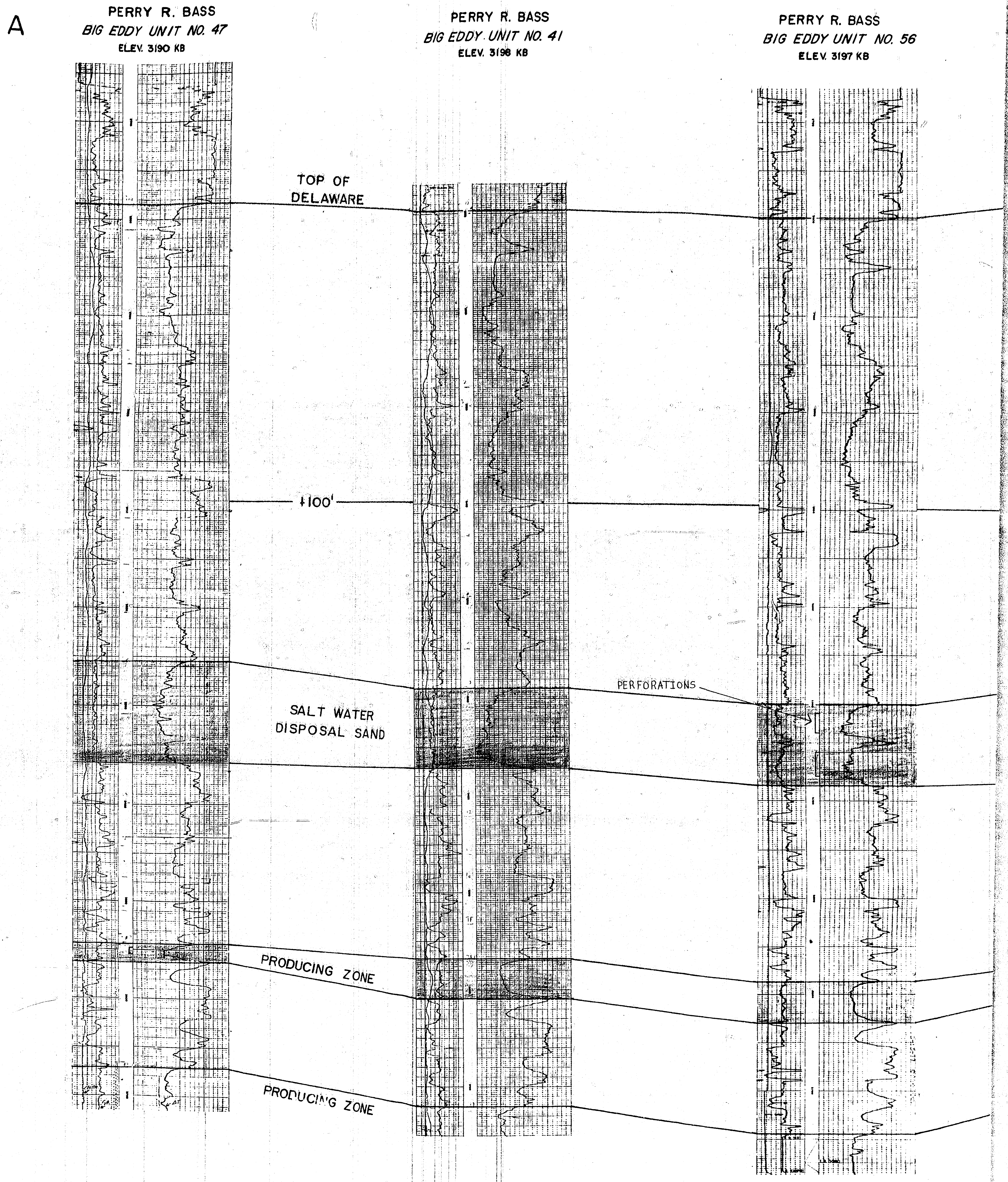
●	MORROW WELLS
●	DELAWARE WELLS
●	ATOKA WELLS
●	NEW WELL PRODUCING SINCE FEB. '78
➡	BIG EDDY UNIT NO. 41
➡	BIG EDDY UNIT NO. 56

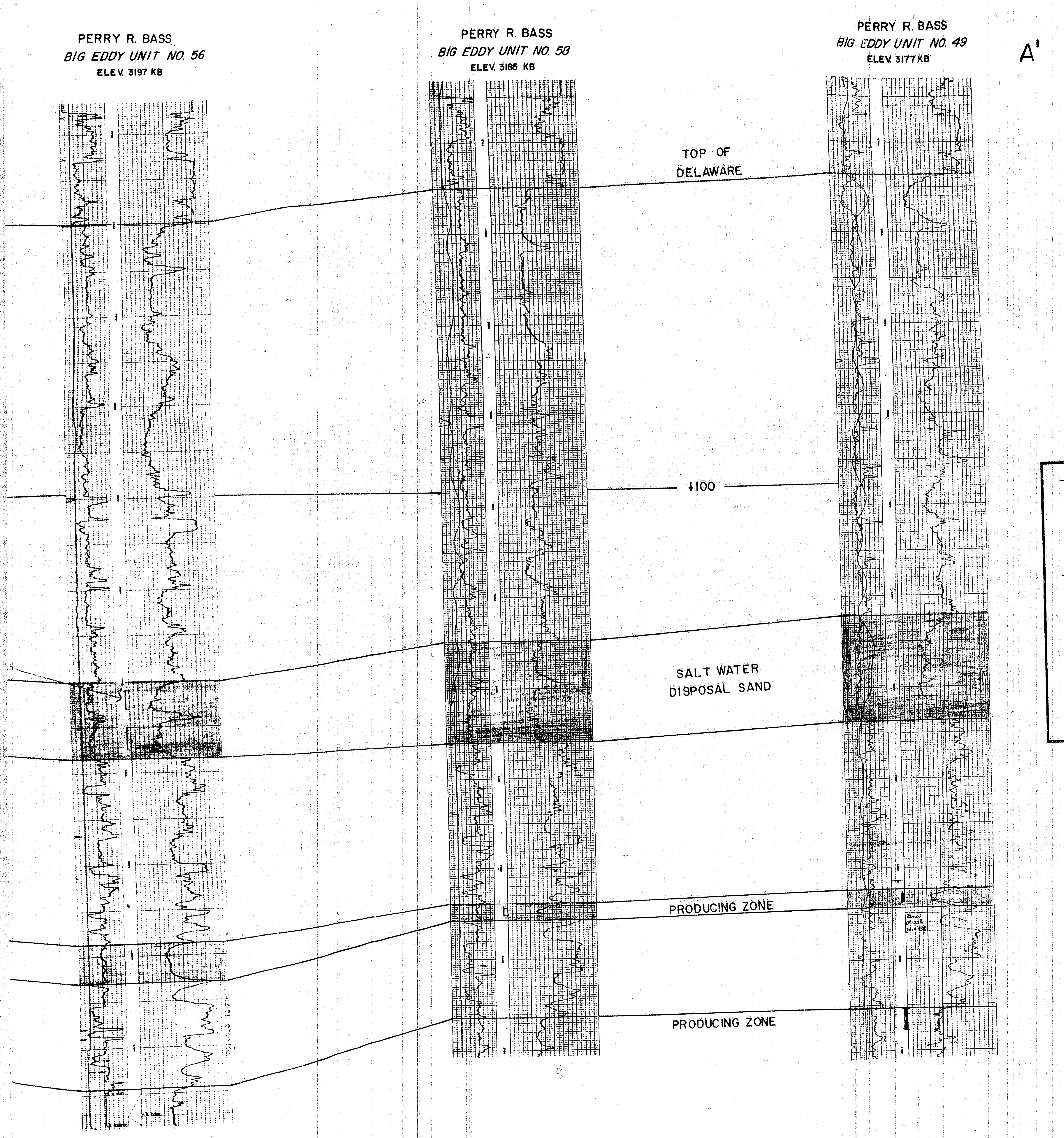
BASS ENTERPRISES PRODUCTION CO.
WEST TEXAS DIVISION

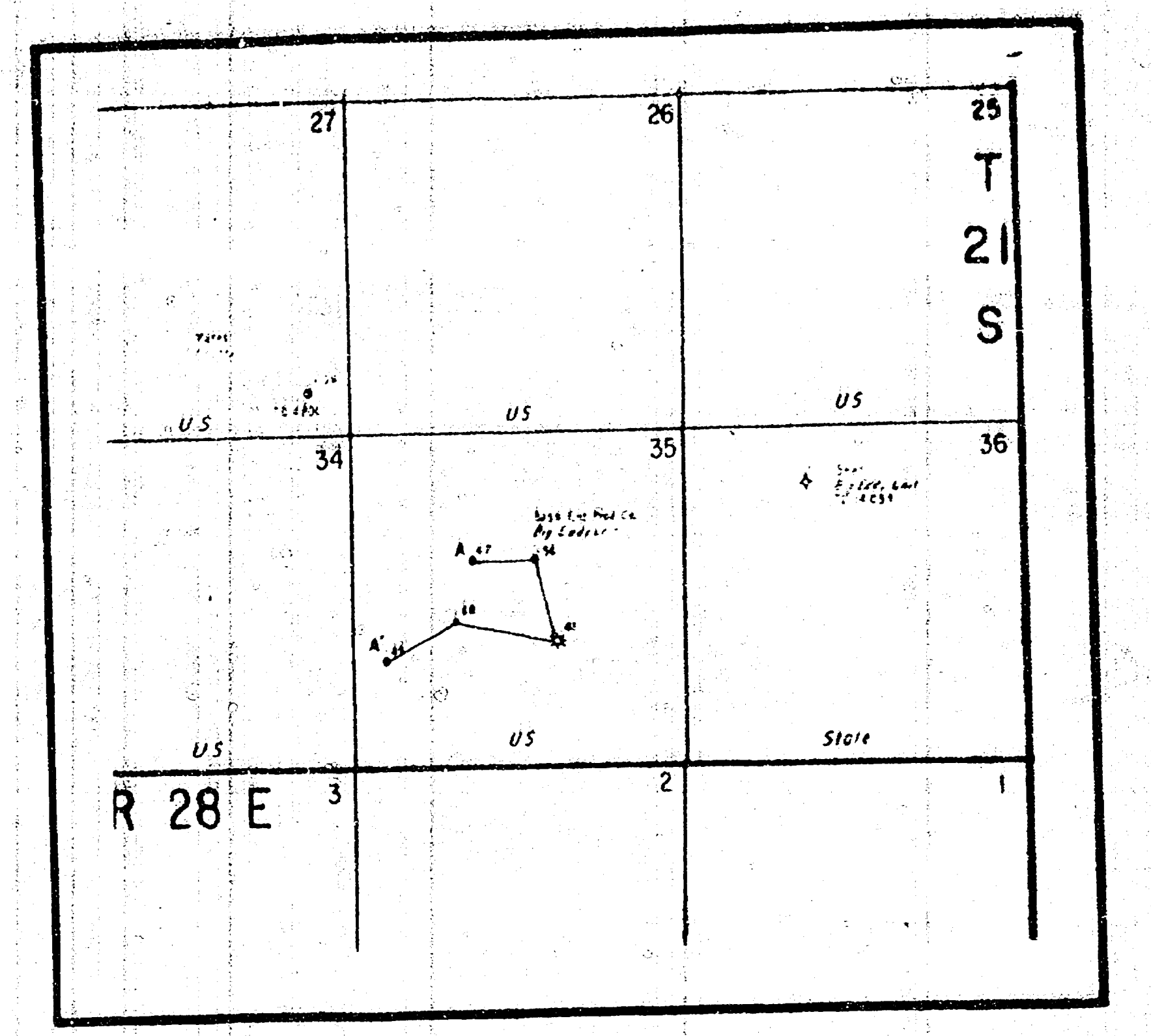
SALT WATER DISPOSAL WELL
BIG EDDY UNIT NO. 56
INDIAN FLATS FIELD
EDDY COUNTY, NEW MEXICO

LOCATED: 1980' FNL, 2310' FEL
Section 35, T21S, R28E

C.I. ________ Date 4/21/80 Interp by ________
Scale 1" = 2000' Drwn by ________ Dept Production


A
PERRY R. BASS
BIG EDDY UNIT NO. 47
ELEV. 3190 KB
PERRY R. BASS
BIG EDDY UNIT NO. 41
ELEV. 3198 KB
PERRY R. BASS
BIG EDDY UNIT NO. 56
ELEV. 3197 KB
TOP OF DELAWARE
100'
PERFORATIONS
SALT WATER DISPOSAL SAND
PRODUCING ZONE
PRODUCING ZONE


PERRY R. BASS
BIG EDDY UNIT NO. 56
ELEV. 3197 KB
PERRY R. BASS
BIG EDDY UNIT NO. 58
ELEV. 3185 KB
PERRY R. BASS
BIG EDDY UNIT NO. 49
ELEV. 3177 KB
A'
TOP OF DELAWARE
4100
SALT WATER DISPOSAL SAND
PRODUCING ZONE
PRODUCING ZONE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US
US
State
R 28 E
3
2
1

BASS ENTERPRISES PRODUCTION CO.

WEST TEXAS DIVISION

STRUCTURAL CROSS SECTION A - A'
INDIAN FLATS FIELD
EDDY COUNTY, NEW MEXICO

C.I. ____
Scale. ____
Date 2-15-78
Drawn by J. CLINTON
Interp by: ED WALLACE
Dept. PRODUCTION

CASE NO. 6571
Submitted by Bass
Hearing Date 1/23/80

NL McCullough

NOISE LOG

FILING NO.

COMPANY PERRY R BASS

WELL BIG EDDY #41

FIELD INDIAN FLATS (MORROW)

COUNTY EDDY STATE NEW MEXICO

LOCATION 180' FSL & FEL
SEC 35 T21S R28E

OTHER SERVICES

SEC. TWP. RGE.

PERMANENT DATUM G.L. ELEV. 3183

LOG MEASURED FROM G.L.

DRILLING MEASURED FROM K.B.

ELEVATIONS: KB 3198 DF GL 3183

DATE	5-22-80	5-22-80
RUN NO.	ONE	TWO
TYPE LOG	TEMP (ABSOLUTE)	NOISE
DEPTH–DRILLER	12660	12660
DEPTH–LOGGER	NOT REACHED	NOT REACHED
BOTTOM LOGGED INTERVAL	3800	3800
TOP LOGGED INTERVAL	2800	2800
TYPE FLUID IN HOLE	GAS	GAS
SALINITY PPM CL.		
DENSITY LB./GAL.		
LEVEL		
MAX. REC. TEMP. DEG. F.	95.2°	
OPR. RIG TIME	PORTABLE	DERRICK
RECORDED BY	McCLUNE	McCLUNE
WITNESSED BY	Mr. Rodgers	Mr. Rodgers

RUN NO.	BORE HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				13 3/8	42	0'	260'
				8 5/8	24	0	2795'
				5½	17	0'	12660

FORM 37

THIS HEADING AND LOG CONFORMS TO API RECOMMENDED STANDARD PRACTICE RP 33.

FOLD HERE

HOIST TRUCK NO. 24244

INST. TRUCK NO.

LINE SIZE 7/32

LINE LENGTH 25,000

LOG TICKET NO.

TOOL GAIN

TOOL FACTOR

LINE FACTOR

WELL GEOM. FACTOR

TOOL MODEL NO. [illegible]

DIAMETER

LENGTH

SERIAL NO.

JOB STARTED

LOGGING DATA

PURPOSE OF LOG DETERMINE IF CHANNEL FROM SALT WATER DISPOSAL WELL

INTERVAL OF INTEREST

WELL STATUS AT START

DEPTH

PACKER:

GAS LIFT VALVE:

ETC.:

RUN ONE

STRING LOGGED	LOGGED INTERVAL	TIME STARTED	TIME COMPLETED	STATUS OF LOGGED STRING	FLUID AND RATE OR PSI	ANNULUS OR OTHER STRING	STATUS OF ANNULUS OR OTHER STRING	FLUID AND RATE OR PSI
2 3/8	3800 2800			SHUT-IN	950 PSI	SP	SHUT-IN	15 PSI

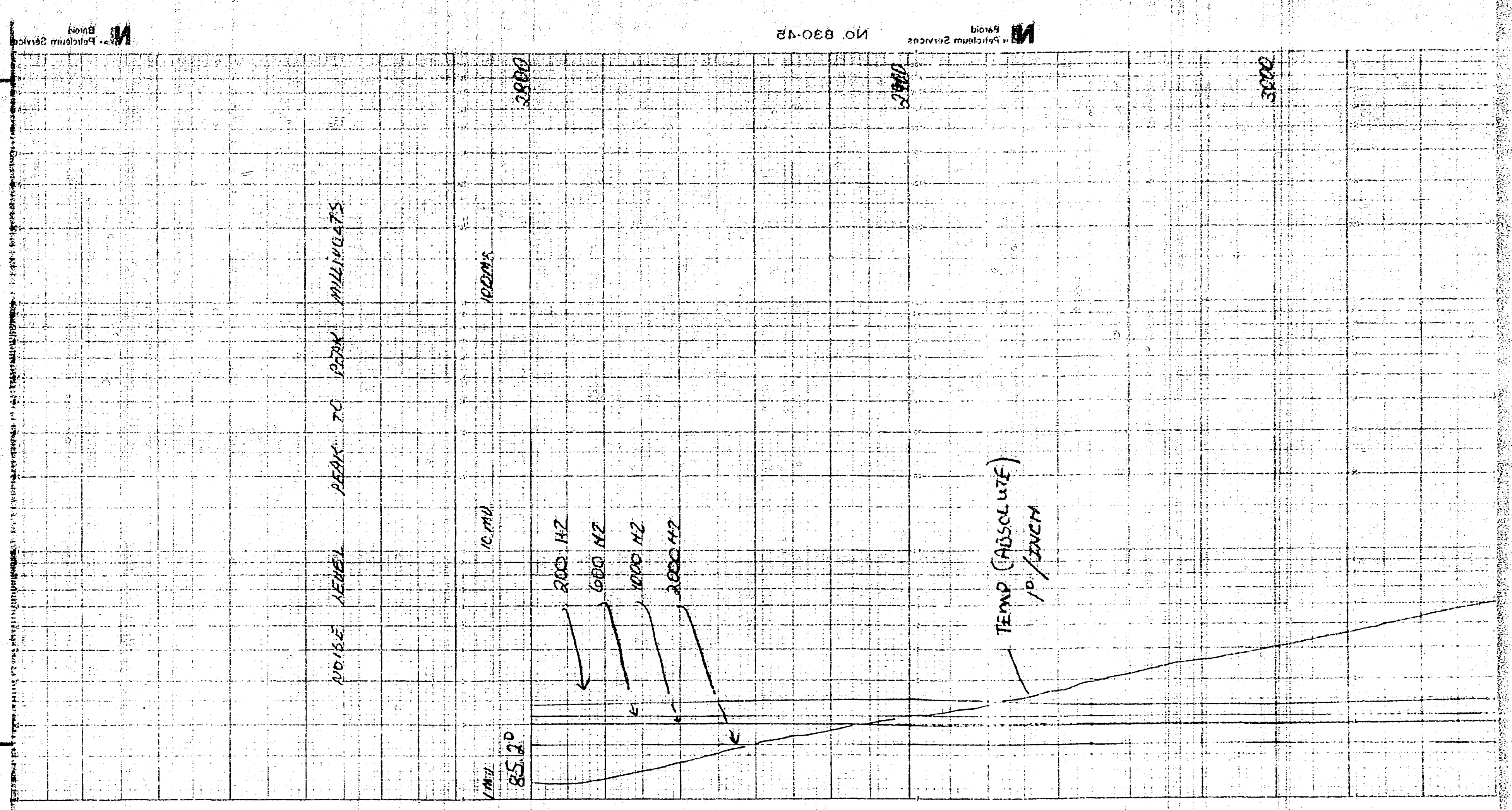
RUN TWO

RUN THREE

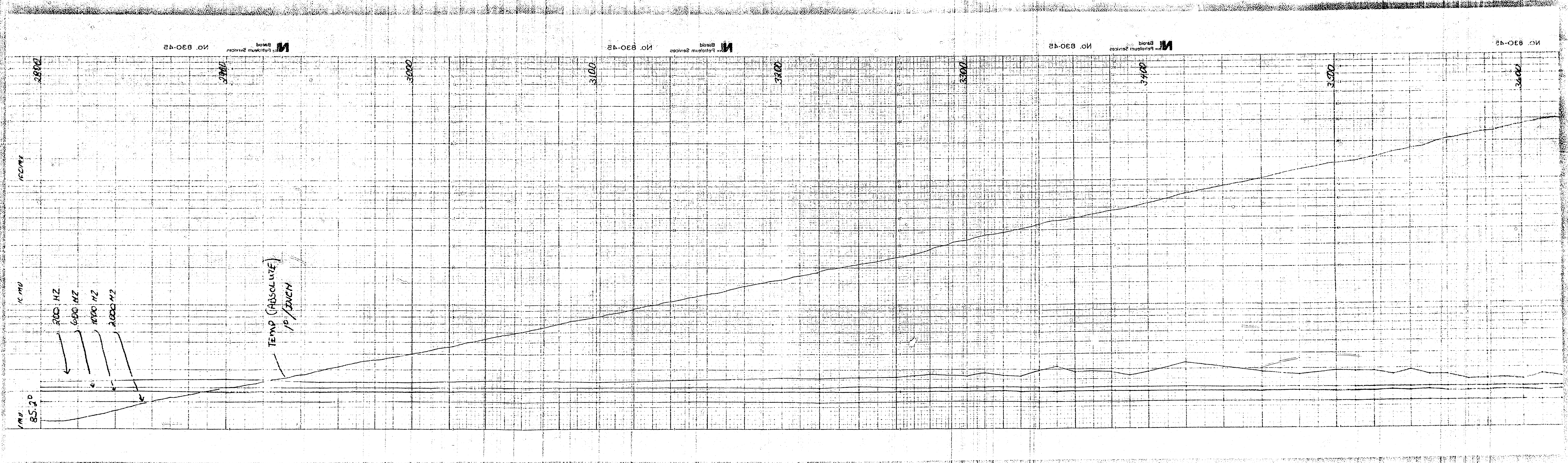
RUN FOUR

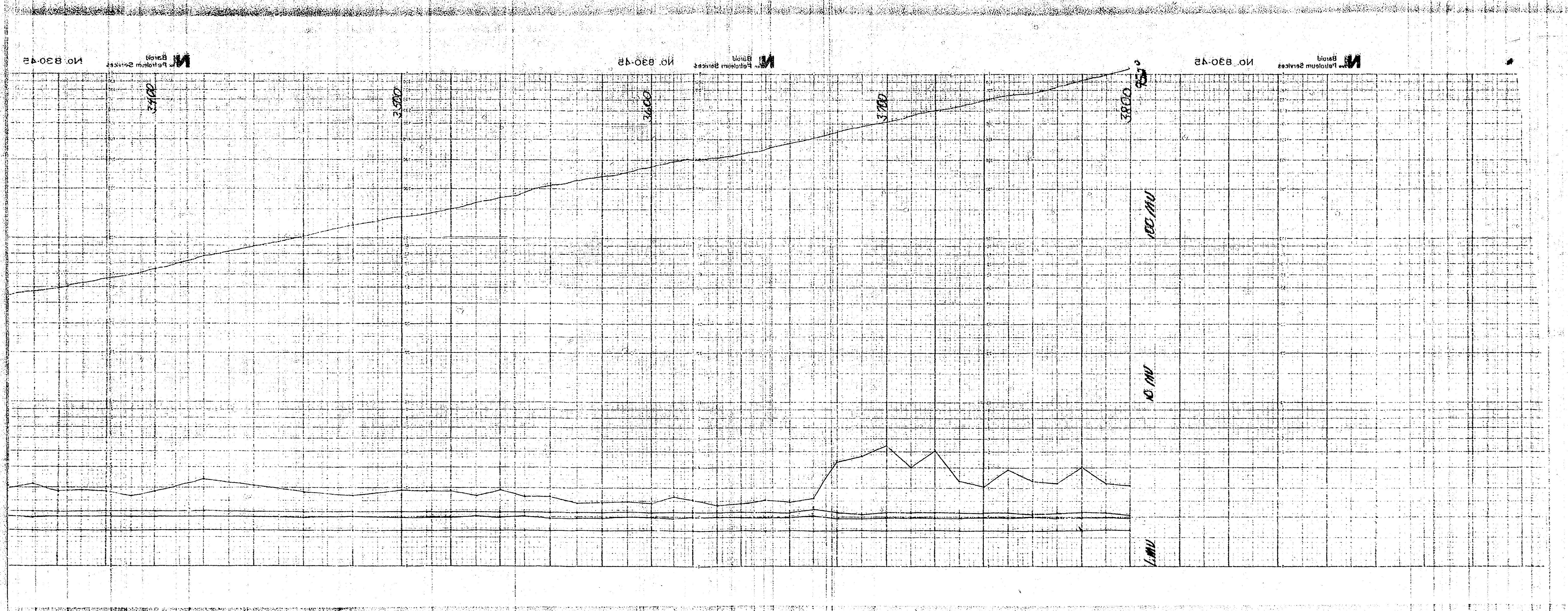
CONCLUSION

NO EVIDENCE OF ANY COMMUNICATION



N.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY


Baroid Petroleum Services
No. 830-45
2800
2900
3000
3100
3200
3300
3400
3500
3600
ICC/MV
IC MV
1 MV
85.2°
200 HZ
600 HZ
1000 HZ
2000 HZ
TEMP (ABSOLUTE)
10°/INCH


No. 830-45
Baroid Petroleum Services
3400
3500
3600
3700
3800
100 MV
10 MV
1 MV

NL McCullough

NOISE LOG

FILING NO.

COMPANY PERRY R. BASS

WELL BIG EDDY #4

FIELD INDIAN FLATS (ATOKA)

COUNTY EDDY STATE NEW MEXICO

LOCATION 1980' FSL & FEL
SEC. 35 T-21S R-28E

OTHER SERVICES

SEC. TWP. RGE.

PERMANENT DATUM	G.L.	ELEV. 3181	ELEVATIONS:
LOG MEASURED FROM	K.B.		KB 3194
DRILLING MEASURED FROM	K.B.		DF
			GL 3180

DATE	5-26-80	5-22-80	
RUN NO.	ONE	TWO	
TYPE LOG	TEMP (ABSOLUTE)	NOISE	
DEPTH-DRILLER	2860	12860	
DEPTH-LOGGER	NOT REACHED	NOT REACHED	
BOTTOM LOGGED INTERVAL	3800	3800	
TOP LOGGED INTERVAL	2800	2800	
TYPE FLUID IN HOLE	GAS	GAS	
SALINITY PPM CL.			
DENSITY LB./GAL.			
LEVEL			
MAX. REC. TEMP. DEG. F.	95.2°		
OPR. RIG TIME	PORTABLE	DERRICK	
RECORDED BY	McCLUNG	McCLUNG	
WITNESSED BY	Mr. Rodgers	Mr. Rodgers	

RUN NO.	BORE HOLE RECORD BIT	FROM	TO	CASING RECORD SIZE	WGT.	FROM	TO
				13 3/8	42	0'	260'
				8 5/8	24	0	2795
				5½	17	0'	12,660

FORM 37

THIS HEADING AND LOG CONFORMS TO API RECOMMENDED STANDARD PRACTICE RP-33

FOLD HERE

TOOL MODEL NO.	NORMAL	HOIST TRUCK NO.	84044
DIAMETER		INST. TRUCK NO.	
LENGTH		LINE SIZE	7/32
SERIAL NO.		LINE LENGTH	35,000
JOB STARTED		LOG TICKET NO.	
TOOL GAIN			
TOOL FACTOR			
LINE FACTOR			
WELL GEOM. FACTOR			

LOGGING DATA

PURPOSE OF LOG: DETERMINE IF CHANNEL FROM SALT WATER DISPOSAL WELL

INTERVAL OF INTEREST:

WELL STATUS AT START:

DEPTH: PACKER: GAS LIFT VALVE: ETC:

RUN ONE

STRING LOGGED	LOGGED INTERVAL	TIME STARTED	TIME COMPLETED	STATUS OF LOGGED STRING	FLUID AND RATE OR PSI	ANNULUS OR OTHER STRING	STATUS OF ANNULUS OR OTHER STRING	FLUID AND RATE OR PSI
2 3/8	3800 2800			SHUT IN	950 PSI	S.B.	SHUT IN	15 PSI

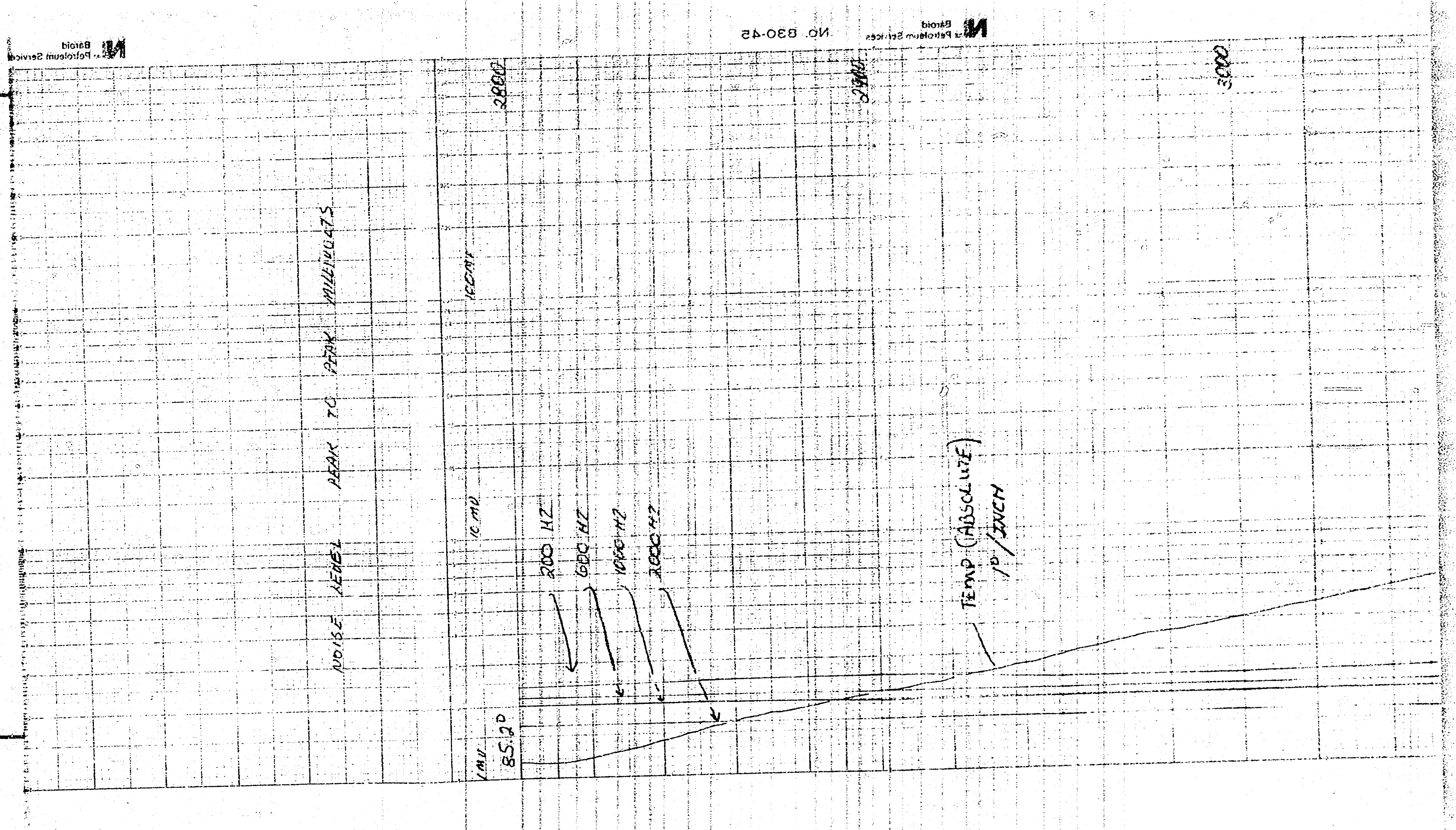
RUN TWO

RUN THREE

RUN FOUR

CONCLUSION

NO EVIDENCE OF ANY COMMUNICATION



N.M.B.M. MICROGRAPHICS
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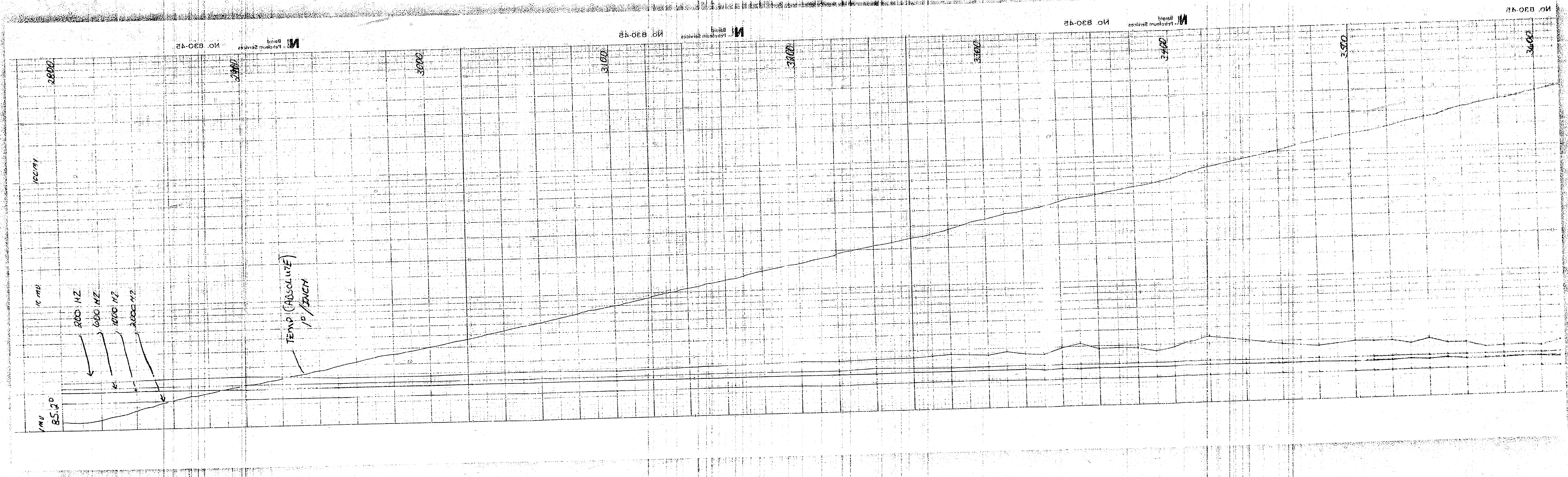
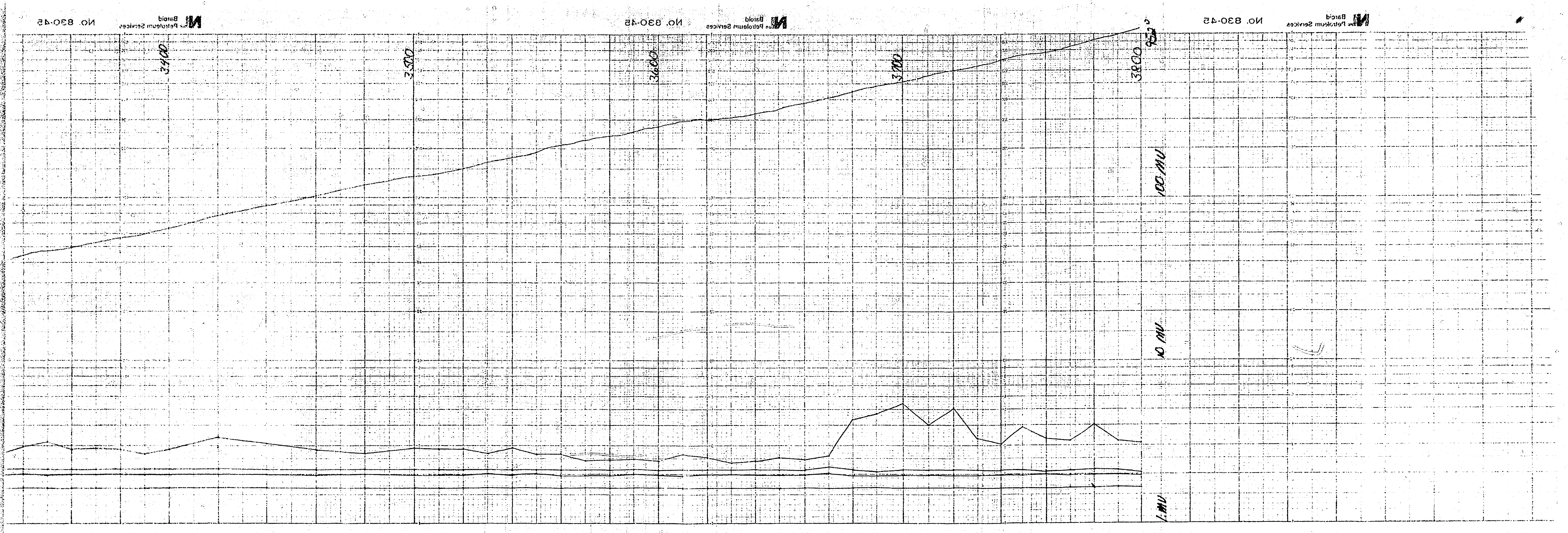
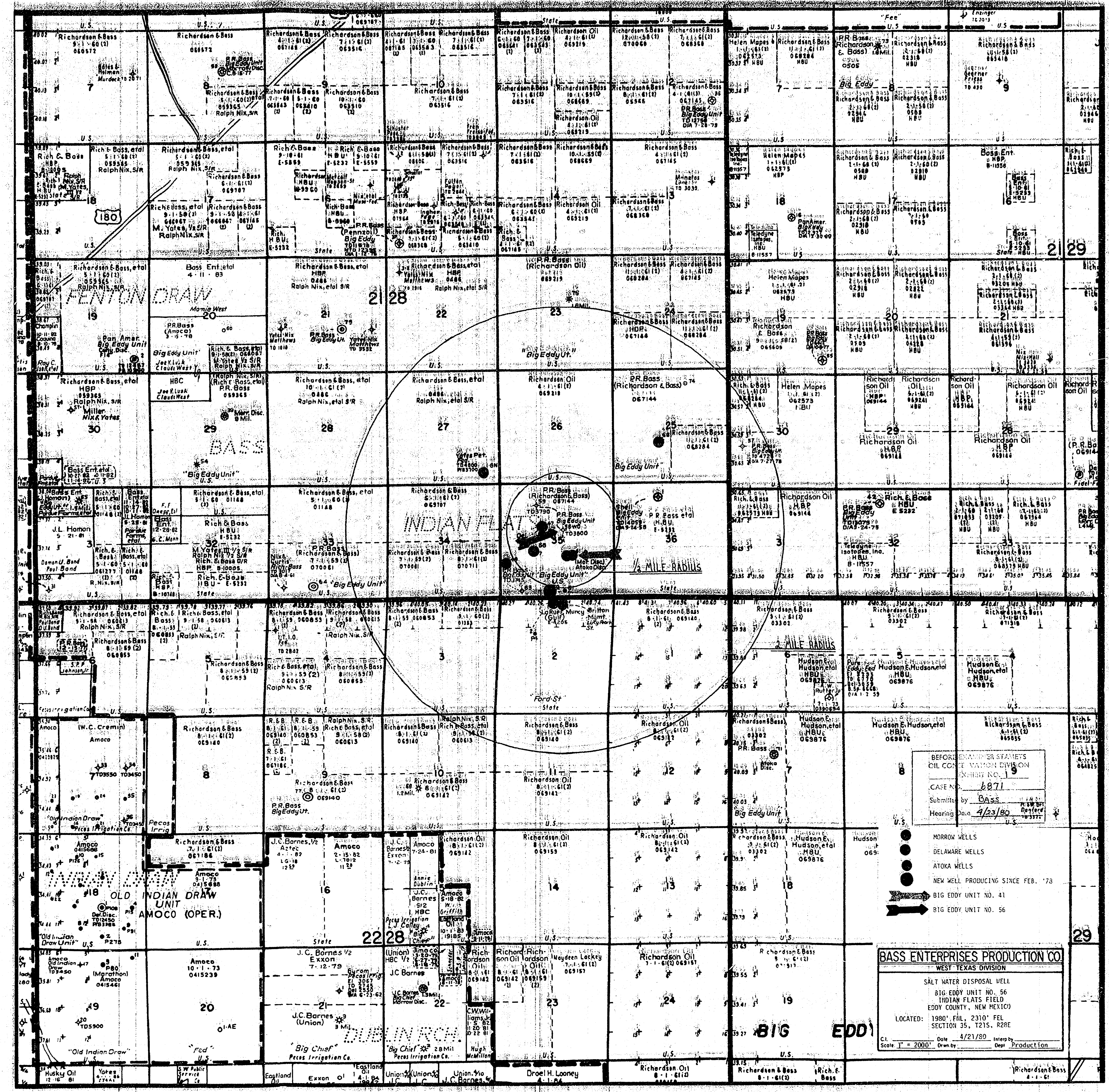

2800
2900
3000
3100
3200
3300
3400
3500
3600
100 MV
10 MV
1 MV
85.2°
200 HZ
600 HZ
1000 HZ
2000 HZ
TEMP (ABSOLUTE)
1°/INCH


3400
3500
3600
3700
3800
100 MV
10 MV
1 MV


FENTON DRAW
INDIAN FLATS
BASS
"Big Eddy Unit"
½ MILE RADIUS
2 MILE RADIUS
OLD INDIAN DRAW UNIT
AMOCO (OPER.)
INDIAN DRAW
DUBLIN RCH.
BIG EDDY
21 28
22 28
21 29
29
180
MORROW WELLS
DELAWARE WELLS
ATOKA WELLS
NEW WELL PRODUCING SINCE FEB. '78
BIG EDDY UNIT NO. 41
BIG EDDY UNIT NO. 56

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
EXHIBIT NO. 1
CASE NO. 6871
Submitted by BASS
Hearing Date 4/23/80

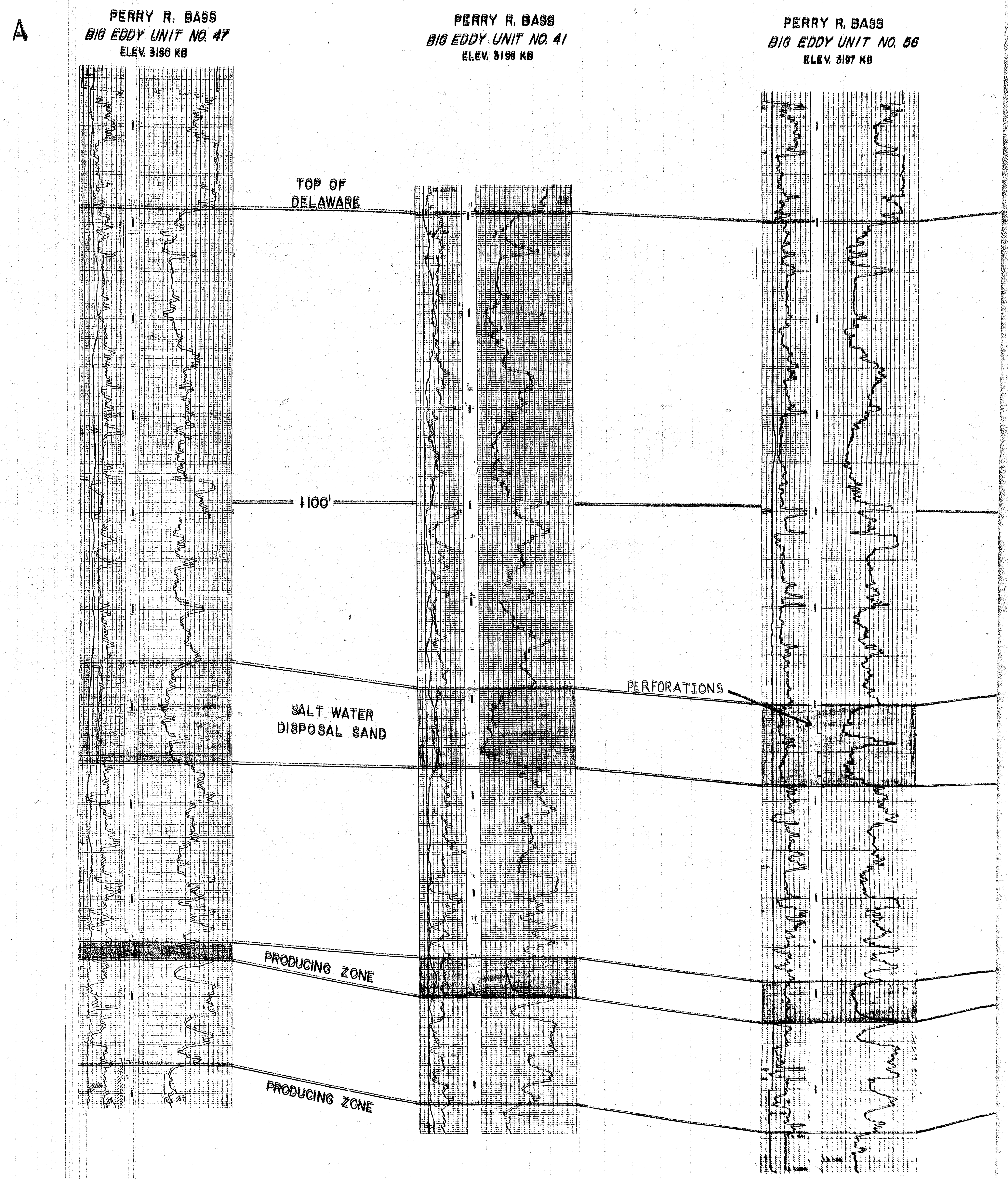
BASS ENTERPRISES PRODUCTION CO.
WEST TEXAS DIVISION

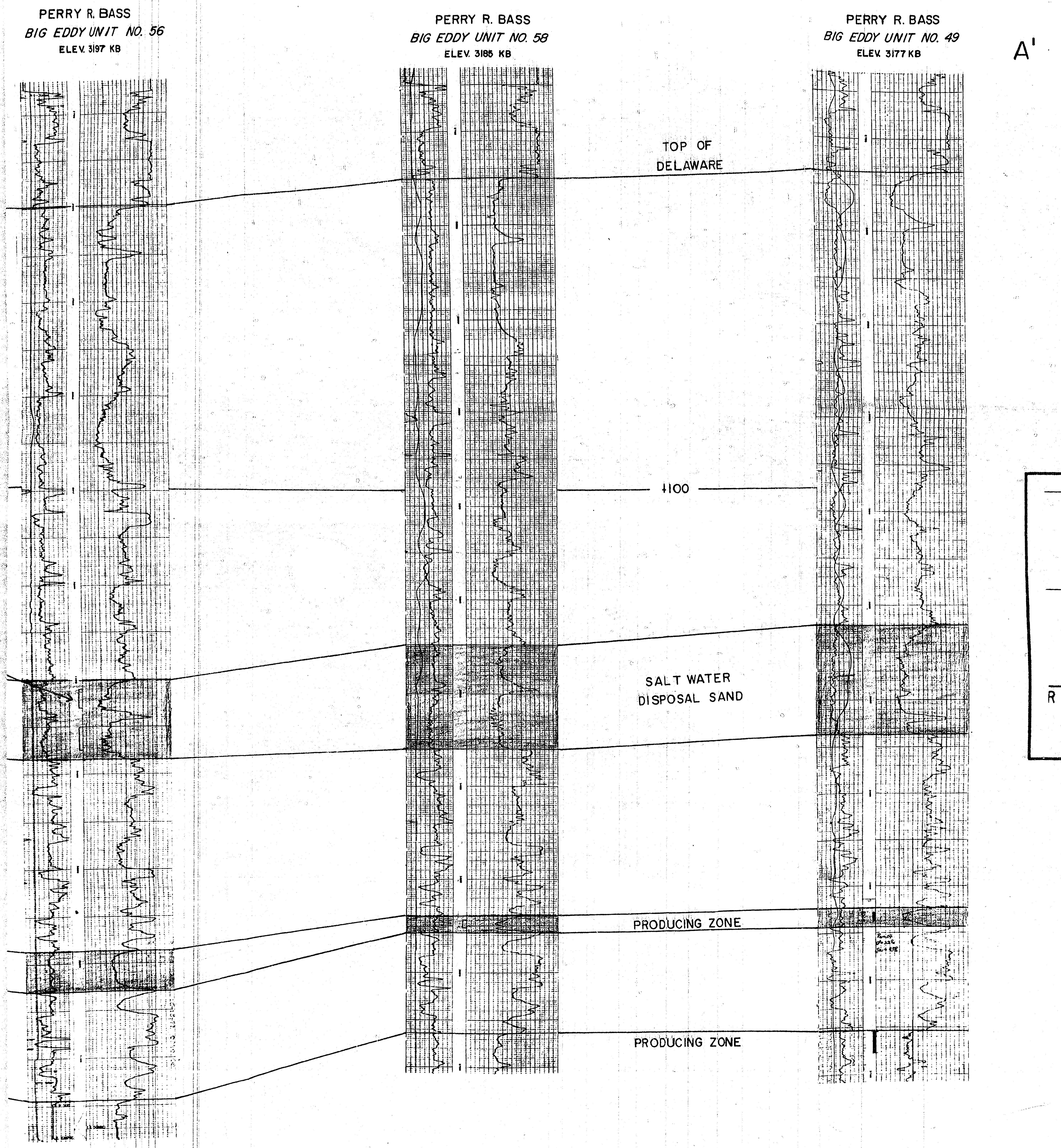
SALT WATER DISPOSAL WELL

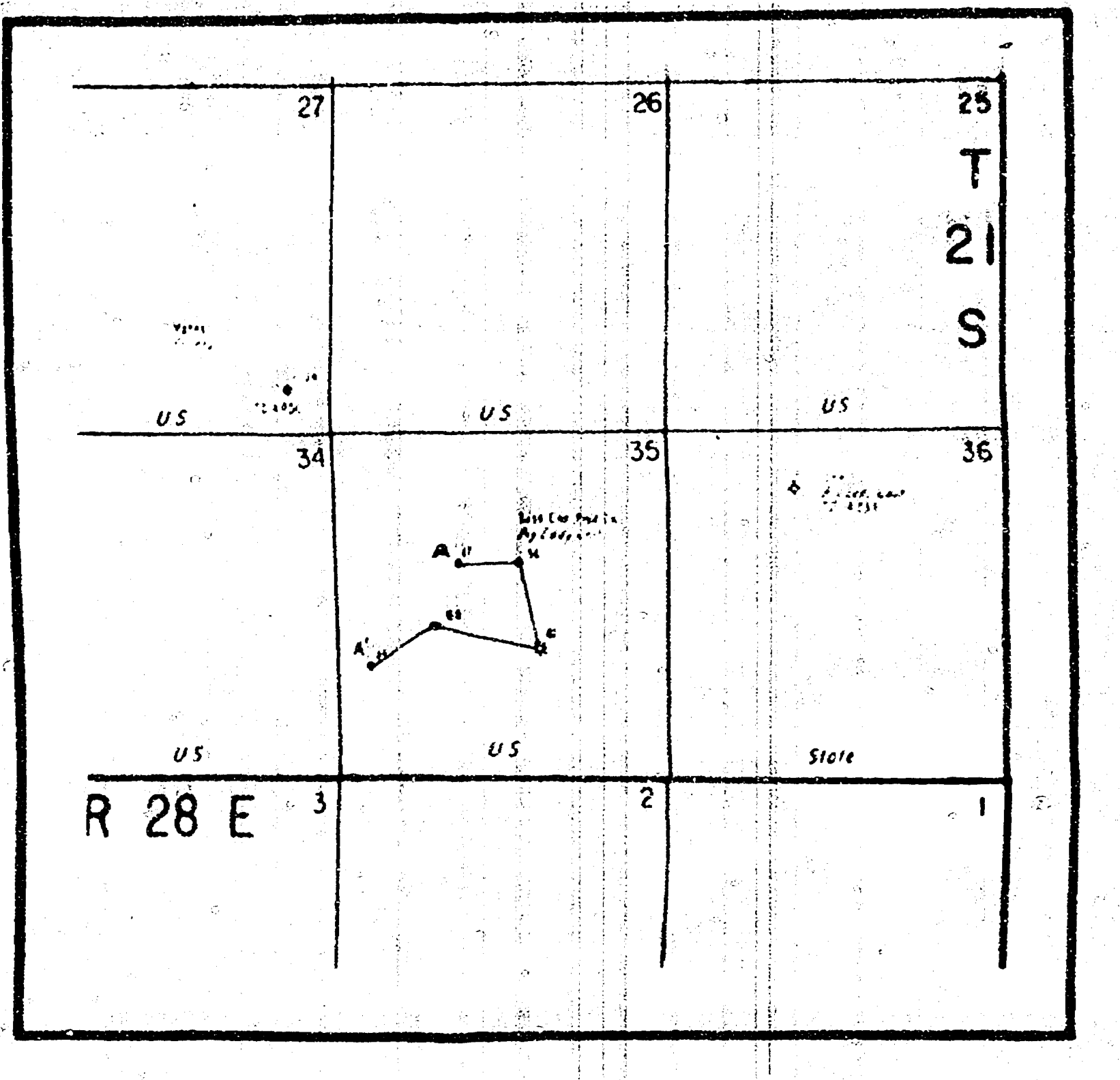
BIG EDDY UNIT NO. 56
INDIAN FLATS FIELD
EDDY COUNTY, NEW MEXICO

LOCATED: 1980' FNL, 2310' FEL
SECTION 35, T21S, R28E

C.I. ______ Date 4/21/80 Interp by ______
Scale 1" = 2000' Drwn by ______ Dept Production


A
PERRY R. BASS
BIG EDDY UNIT NO. 47
ELEV. 3190 KB
PERRY R. BASS
BIG EDDY UNIT NO. 41
ELEV. 3196 KB
PERRY R. BASS
BIG EDDY UNIT NO. 56
ELEV. 3197 KB
TOP OF
DELAWARE
+100'
PERFORATIONS
SALT WATER
DISPOSAL SAND
PRODUCING ZONE
PRODUCING ZONE


PERRY R. BASS
BIG EDDY UNIT NO. 56
ELEV. 3197 KB
PERRY R. BASS
BIG EDDY UNIT NO. 58
ELEV. 3185 KB
PERRY R. BASS
BIG EDDY UNIT NO. 49
ELEV. 3177 KB
A'
TOP OF DELAWARE
4100
SALT WATER DISPOSAL SAND
PRODUCING ZONE
PRODUCING ZONE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BASS ENTERPRISES PRODUCTION CO.

WEST TEXAS DIVISION

STRUCTURAL CROSS SECTION A-A'
INDIAN FLATS FIELD
EDDY COUNTY, NEW MEXICO

C I ____ Date 2-15-78 Interp by ED WALLACE
Scale ____ Drawn by J. CLINTON Dept PRODUCTION

BEFORE E[illegible]
OIL C[illegible]
CASE [illegible]871
S[illegible] Bass
H[illegible] 4/23/80