

OIL CONSERVATION COMMISSION  
DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 12-11-70

Re: Proposed NSP \_\_\_\_\_

Proposed NWU \_\_\_\_\_

Proposed NSL \_\_\_\_\_

Proposed NFO \_\_\_\_\_

Proposed MC ☒ \_\_\_\_\_

Gentlemen:

I have examined the application dated 12-9-70  
for the Tenneco Oil Co Florenee #102 0-15-30N-8W  
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

Ernest C. Kemp

NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
APPLICATION FOR MULTIPLE COMPLETION

Form C-107  
5-1-61

Operator <b>TENNECO OIL COMPANY</b>		County <b>San Juan</b>		Date <b>DEC 9 1970</b>
Address <b>Suite 1200 Lincoln Tower Building Denver, Colorado 80203</b>		Lease <b>Florance</b>		Well No. <b>102</b>
Location of Well <b>0</b>	Unit <b>18</b>	Township <b>30-N</b>		Range <b>8-W</b>

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES \_\_\_\_\_ NO X
2. If answer is yes, identify one such instance: Order No. \_\_\_\_\_; Operator Lease, and Well No.: \_\_\_\_\_

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<b>Fruitland</b>		<b>Pictured Cliffs</b>
b. Top and Bottom of Pay Section (Perforations)			<b>3082 - 3120</b>
c. Type of production (Oil or Gas)	<b>Gas</b>		<b>Gas</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Flowing</b>		<b>Flowing</b>

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input checked="" type="checkbox"/>	<input type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

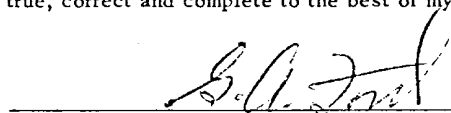
5. List all offset operators to the lease on which this well is located together with their correct mailing address.

**Union Texas Petroleum, 1010 Lincoln Tower Building, Denver, Colorado 80203**

**El Paso Natural Gas Co., Box 990, Farmington, New Mexico 87401**

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO \_\_\_\_\_. If answer is yes, give date of such notification **December 9, 1970**.

CERTIFICATE: I, the undersigned, state that I am the **Sr. Production Clerk** of the **Tenneco Oil Company** (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

  
Signature

\*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

4

## DUAL COMPLETION SCHEMATIC

WELL NAME: FloranceWELL NUMBER: 102LOCATION: 915' FSL & 1785' FELSEC. 18, T-30-N, R-8-WCOUNTY San JuanSTATE: New MexicoELEVATIONGL 6310DF 6321TUBING: 1-1/4, 2.5#/ft., J-5510 rd. I. J.SURFACE CASING: 8-5/8", 24#/ft.J-55, ST & C at 60'PRODUCTION CASING: 3-1/2", 7.7#/ft.J-55 at 3167'LEGEND

SS - Sliding Sleeve

LN - Landing Nipple

SA - Seal Assembly

PT - Production Tube

CEMENTING RECORD1st Stage 200 sax Class C 16%gel + 200 sax Class C2nd Stage                     Fruitland213521422205221623052316Pictured Cliffs3082308631143120Model FA Packer at 3050PBTD: 3150T.D.: 3180DATE: December 4, 1970SIGNED: W. E. Babyak *W E B*

4

DUAL COMPLETION SCHEMATIC

WELL NAME: Florance

WELL NUMBER: 102

LOCATION: 915' FSL & 1785' FEL

SEC. 18, T-30-N, R-8-W

COUNTY San Juan

STATE: New Mexico

ELEVATION

GL 6310

DF 6321

TUBING: 1-1/4, 2.5#/ft., J-55

10 rd. I. J.

SURFACE CASING: 8-5/8", 24#/ft.

J-55, ST & C at 60'

PRODUCTION CASING: 3-1/2", 7.7#/ft.

J-55 at 3167'

LEGEND

SS - Sliding Sleeve  
LN - Landing Nipple  
SA - Seal Assembly  
PT - Production Tube

CEMENTING RECORD

1st Stage 200 sax Class C 16%

gel + 200 sax Class C

2nd Stage \_\_\_\_\_

Fruitland

<u>2135</u>	<u>2142</u>
<u>2205</u>	<u>2216</u>
<u>2305</u>	<u>2316</u>
_____	_____
_____	_____
_____	_____

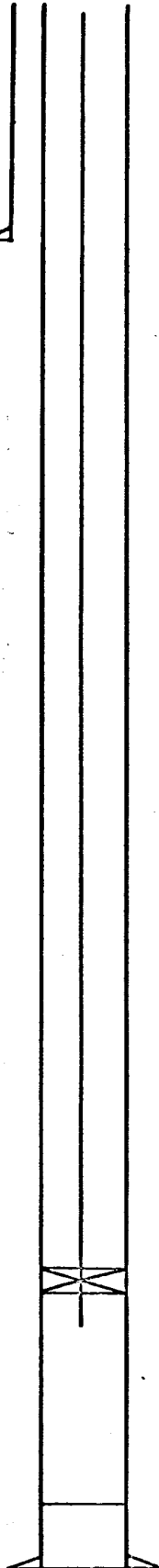
Model FA Packer at 3050

PBTD: 3150

T.D.: 3180

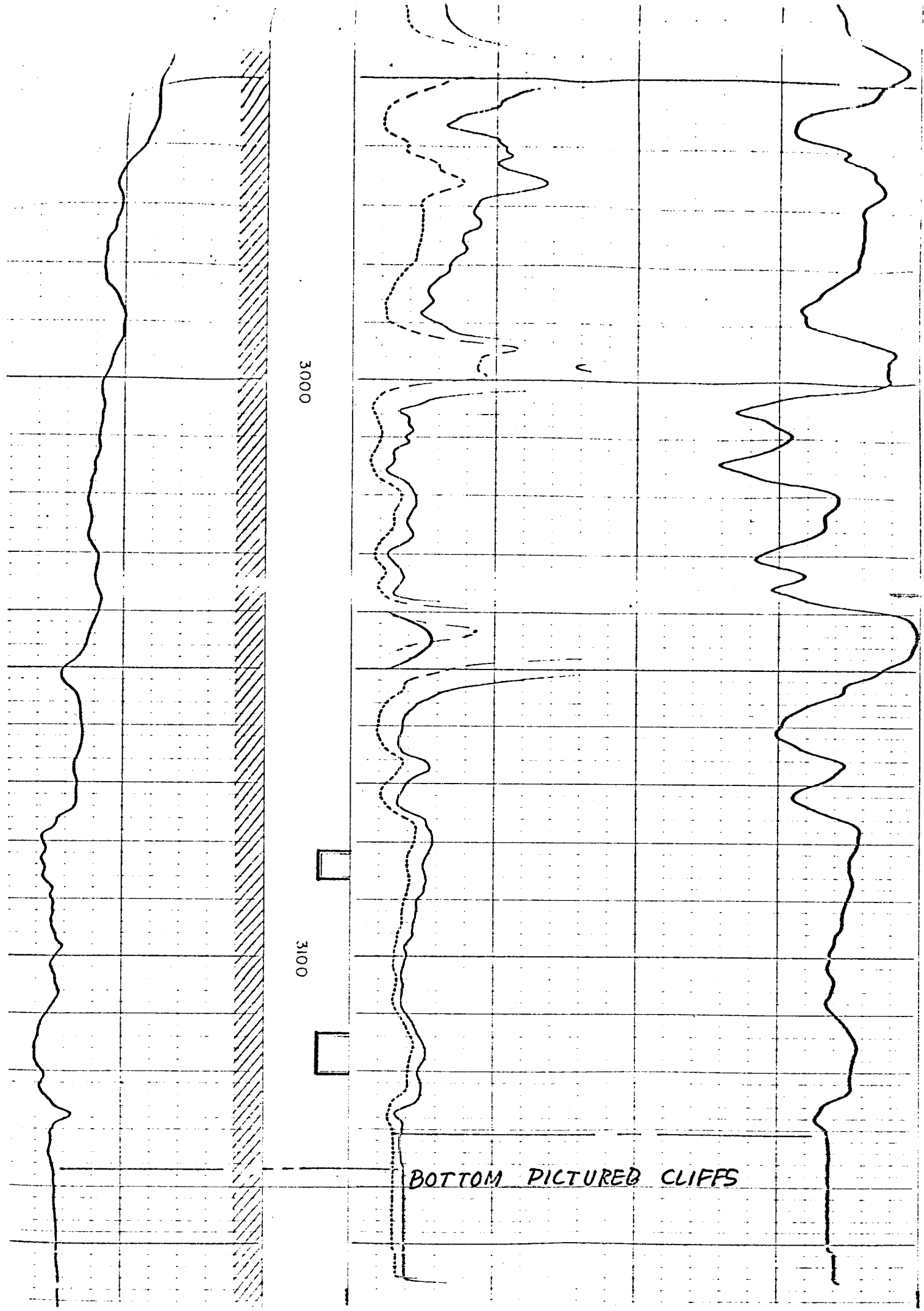
Pictured Cliffs

<u>3082</u>	<u>3086</u>
<u>3114</u>	<u>3120</u>
_____	_____
_____	_____
_____	_____
_____	_____



DATE: December 4, 1970

SIGNED: W. E. Babyak *W E B*

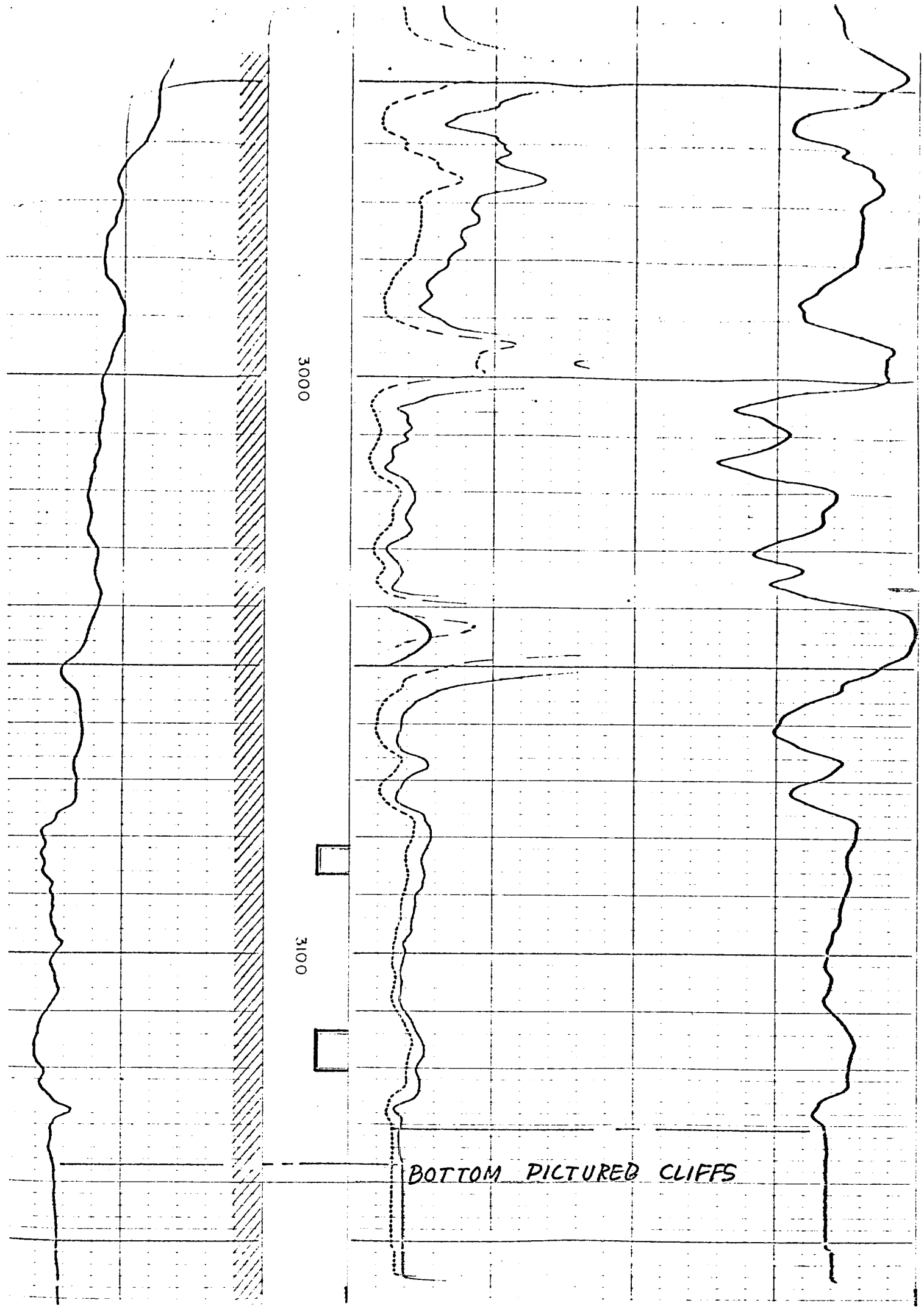


CALIBRATION BEFORE SURVEY

6

5

4

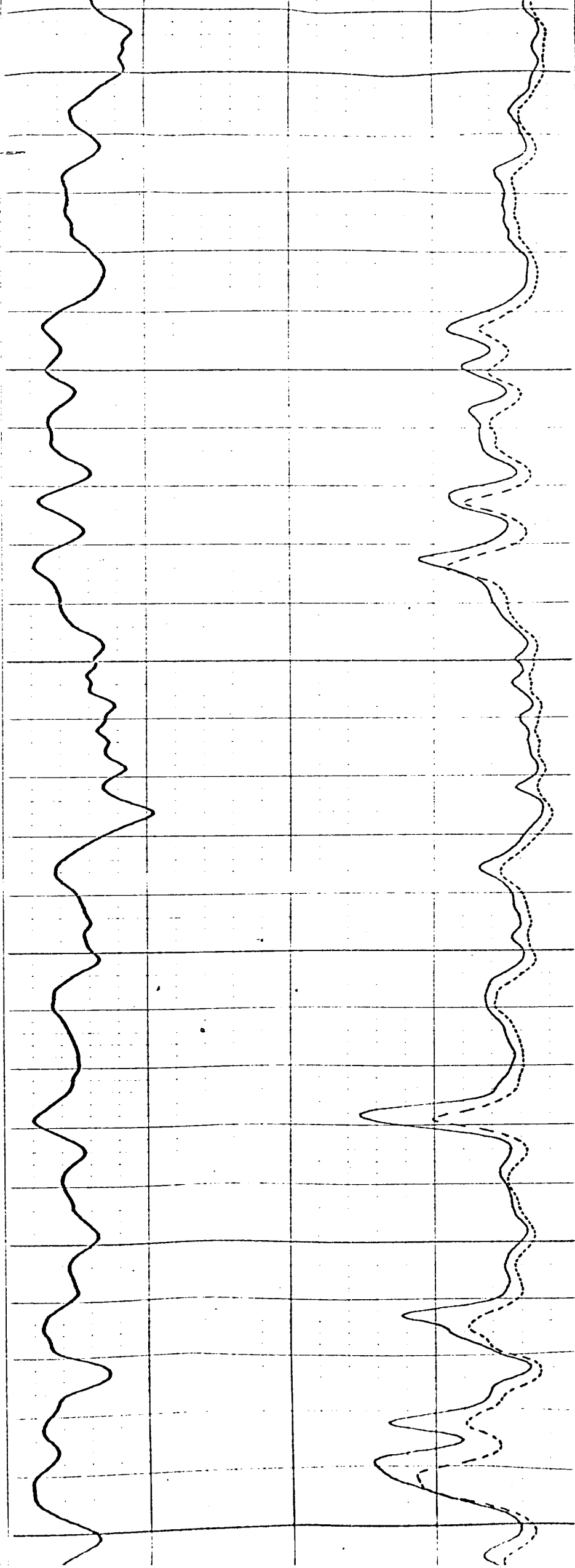


CALIBRATION BEFORE SURVEY

6

5

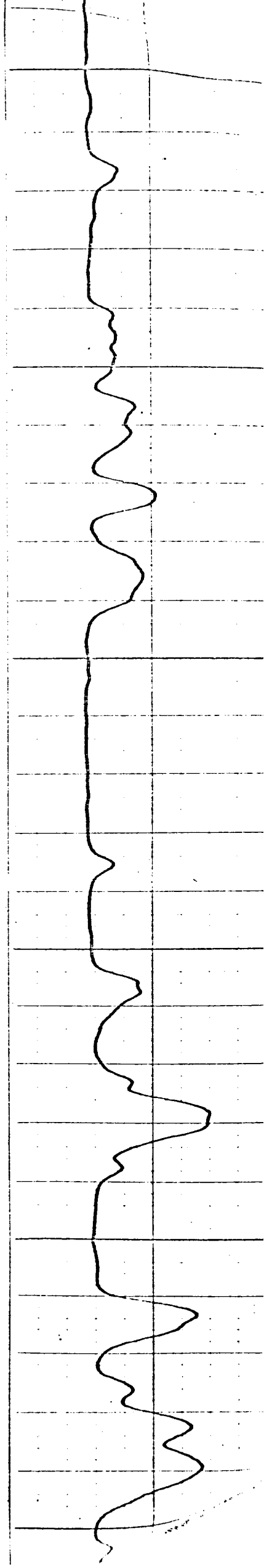
4

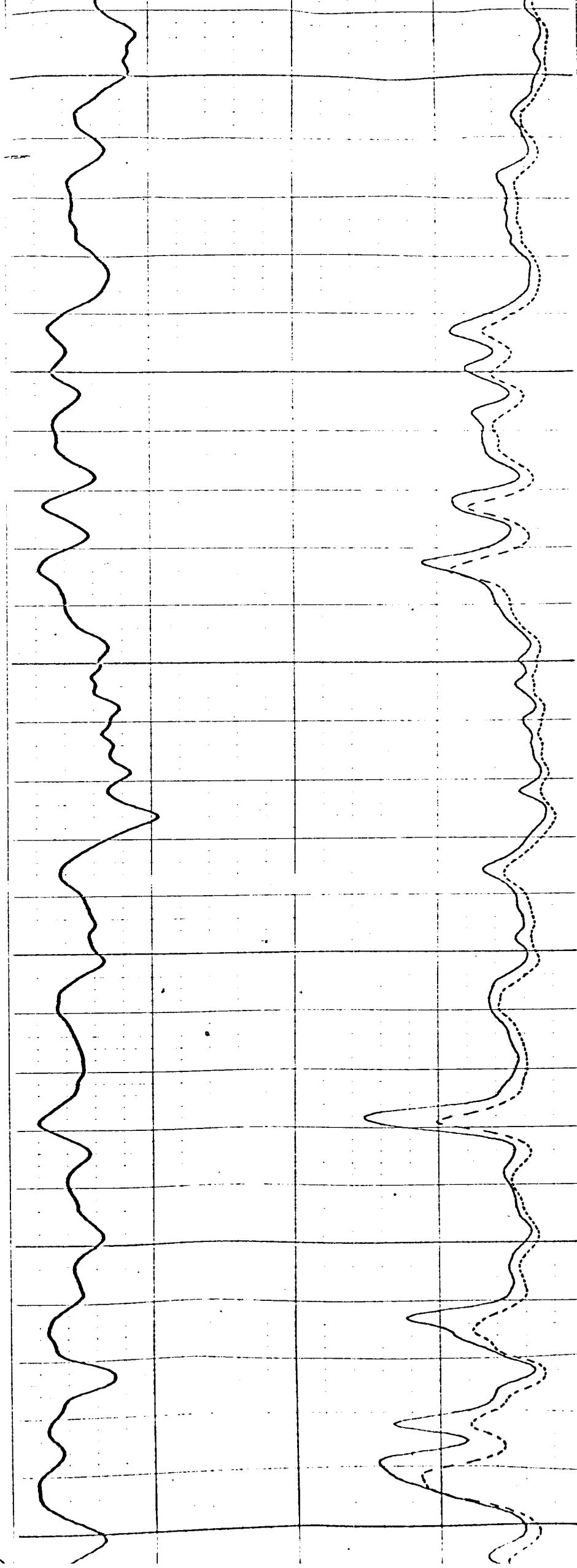


2500

2400

2300

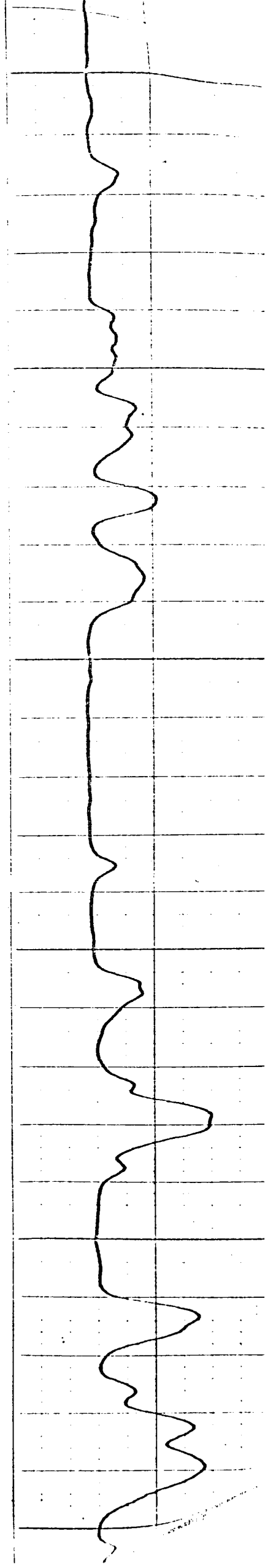




2500

2400

2300



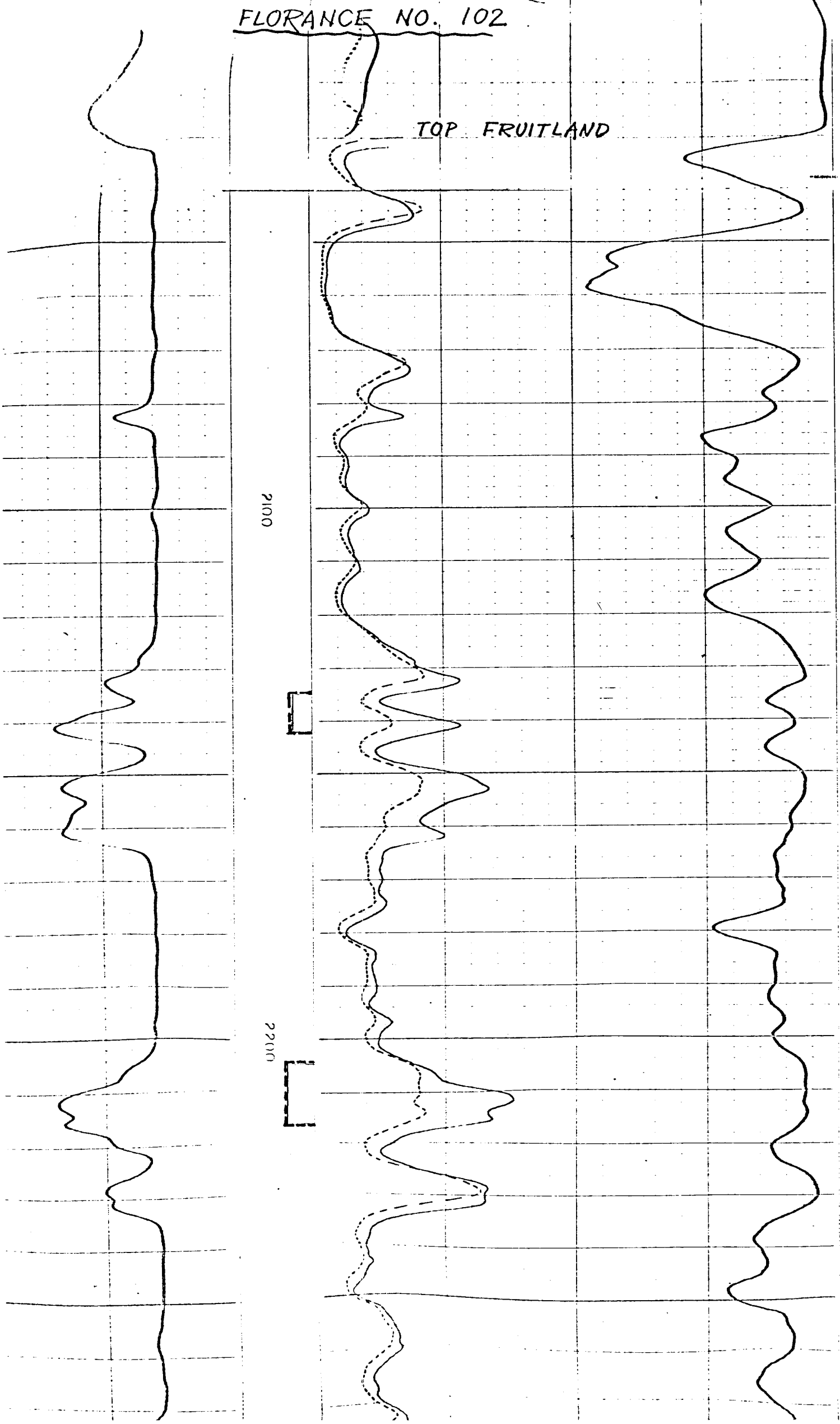


FLORANCE NO. 102

TOP FRUITLAND

2100

2200



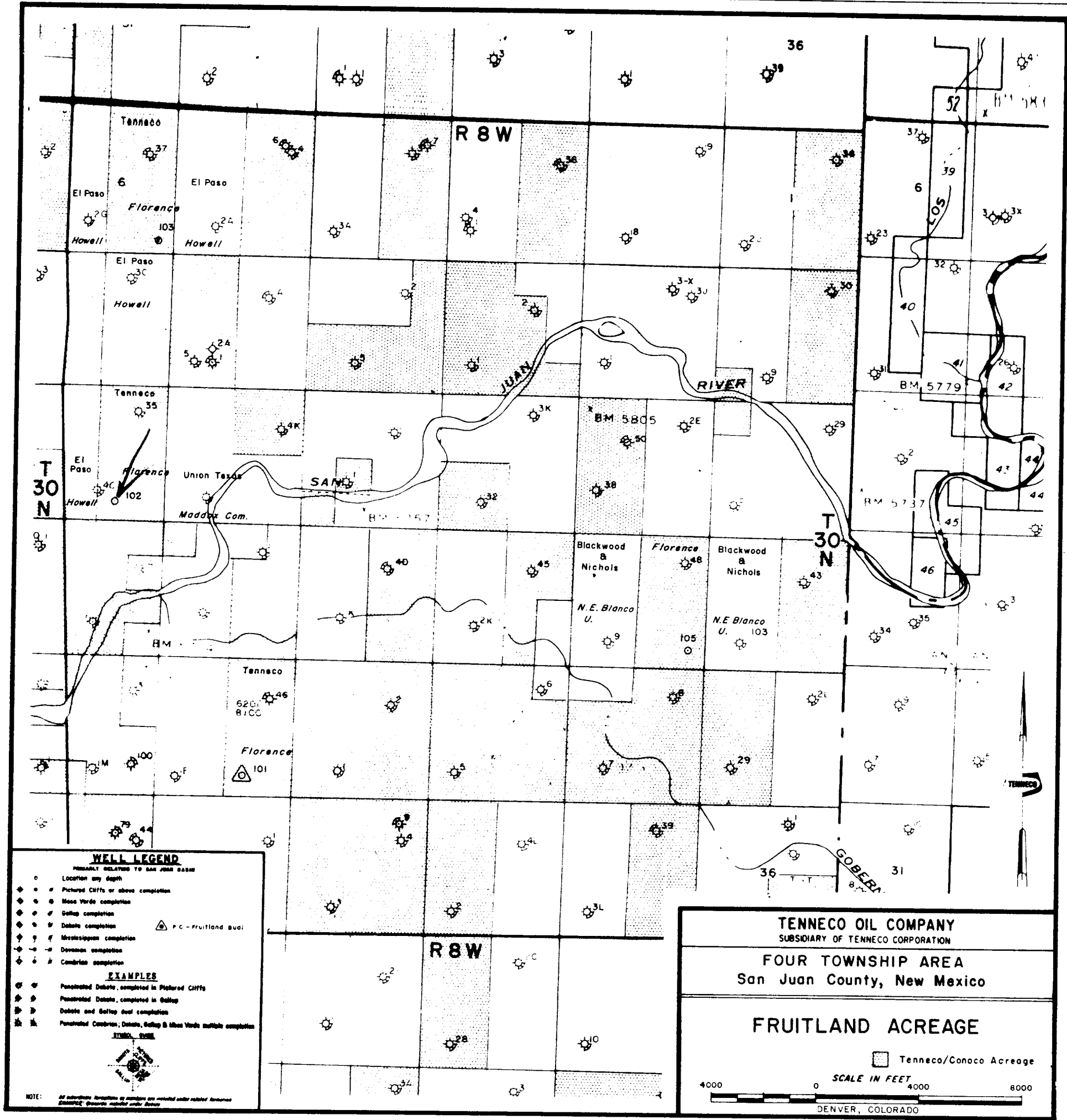
FLORANCE NO. 102

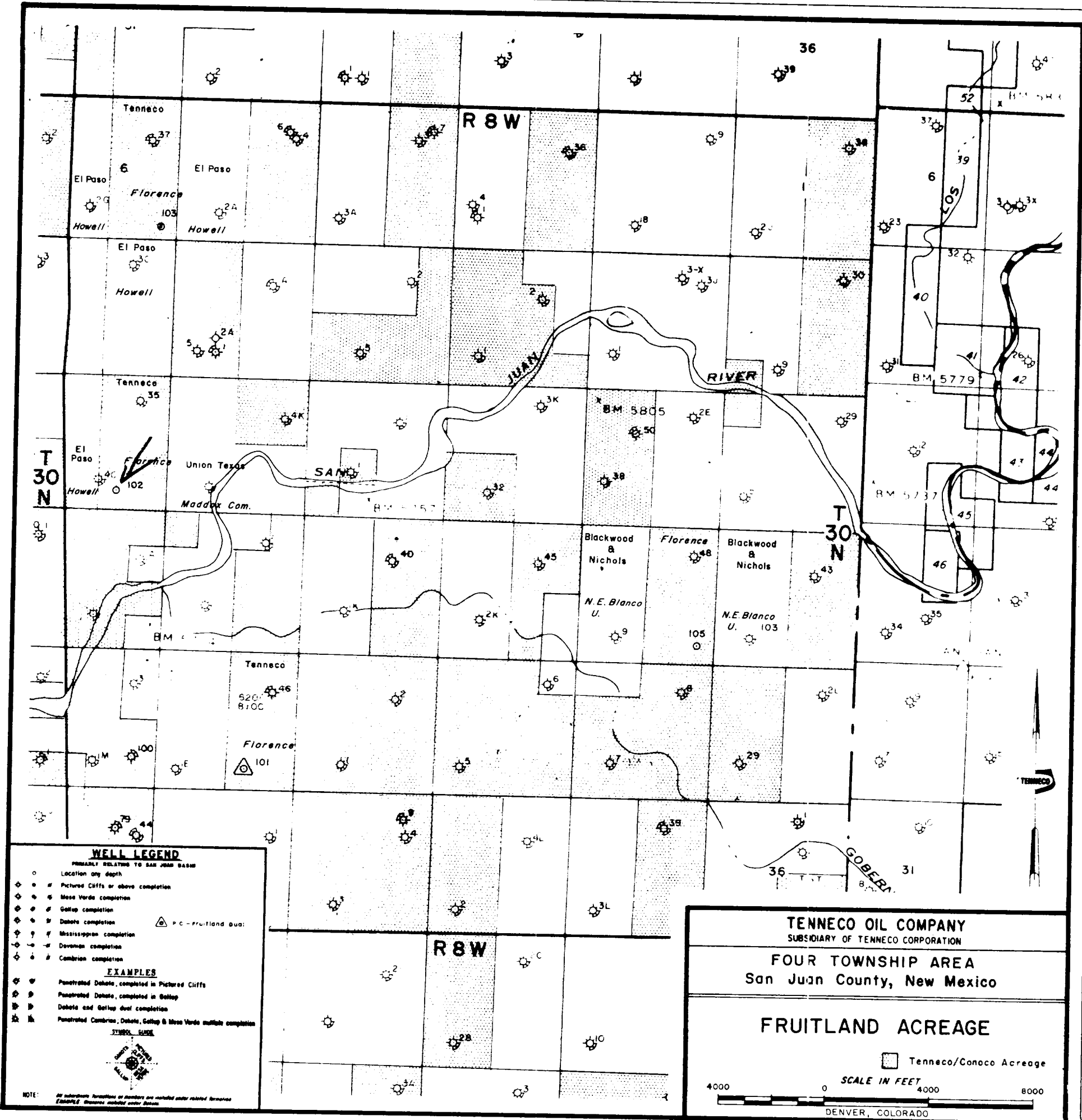
TOP FRUITLAND

2100

2200







#### WELL LEGEND

PRINCIPALLY RELATING TO SAN JUAN BASIN

- Location only depth
- ◆ Pictured Cliffs or above completion
- ◆ Mesa Verde completion
- ◆ Gallup completion
- ◆ Dakota completion
- ◆ Mississippian completion
- ◆ Devonian completion
- ◆ Cambrian completion

#### EXAMPLES

- ◆ Pictured Cliffs, completed in Pictured Cliffs
- ◆ Pictured Cliffs, completed in Gallup
- ◆ Dakota and Gallup dual completion
- ◆ Pictured Cliffs, Dakota, Gallup & Mesa Verde multiple completion

#### SYMBOLS



NOTE:

All well locations, completions, or acreages are indicated under related acreages. Examples of acreages indicated under acreages.

TENNECO OIL COMPANY  
SUBSIDIARY OF TENNECO CORPORATION

FOUR TOWNSHIP AREA  
San Juan County, New Mexico

#### FRUITLAND ACREAGE

□ Tenneco/Conoco Acreage

4000 0 SCALE IN FEET 4000 8000  
DENVER, COLORADO