

THE APPLICATION OF AMOCO PRODUCTION
COMPANY FOR A DUAL COMPLETION

ORDER NO. MC-2779

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A, Amoco Production Company made application to the New Mexico Oil Conservation Division on February 26, 1981, for permission to dually complete its Jicarilla Apache 102 located in Unit I of Section 3, Township 26 North, Range 4 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Blanco Mesaverde Pool and from the Basin Dakota Pool.

Now, on this 20th day of April, 1980, the Division Director finds:

- (1) That application has been filed under the provisions of Rule 112-A of the Division's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified;
- (3) That no objections have been received within the waiting period as prescribed by said rule;
- (4) That the proposed dual completion will not cause waste nor impair correlative rights; and
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

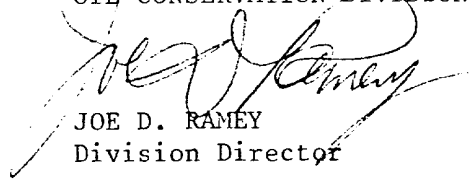
That the applicant herein, Amoco Production Company, be and the same is hereby authorized to dually complete its Jicarilla Apache 102 located in Unit I of Section 3, Township 26 North, Range 4 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the Blanco Mesaverde Pool and from the Basin Dakota Pool through parallel strings of tubing.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Division may deem necessary.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY
Division Director

SEAL





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 3-3-81

RE: Proposed MC a
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 2-26-81
for the Amore Levinville Apache 102 #8M I-3-26N-4W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Amore

Yours truly,

Frank J. Dwyer

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

Form C-107
5-1-61

Applicant Amoco Production Company		County Rio Arriba	Date 02 2081
Address 501 Airport Drive, Farmington, New Mexico		Lease Jicarilla Apache 102	Well No. 8M
Section I	Unit 3	Township 26N	Range 4W

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.: _____

The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Blanco Mesaverde		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	5898'-5360'		8032' to 7840'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

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

- | | | |
|-------------------------------------|--------------------------|---|
| Yes | No | |
| ☒ | ☐ | 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. |
| ☒ | ☐ | 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. |
| ☒ | ☐ | 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.* |
| ☒ | ☐ | 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.) |

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

Consolidated Oil and Gas Co. P. O. Box 2038, Farmington, New Mexico 87401

El Paso Natural Gas, P. O. Box 990, Farmington, New Mexico 87401

Supron Energy Corp., P. O. Box 808, 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 February 24, 1981.

CERTIFICATE: I, the undersigned, state that I am the District Engineer of the Farmington District of Amoco Production Co. (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.

Wayne L. Peterson
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 perforation unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

13 ³/₈" 48# H-40 ST&C
CSA 318' X 530 SX CMT

MESAVERDE 5360'

TOTAL OF 252' OF BLAST JOINTS
ACROSS MESAVERDE

5898'

9 ⁵/₈" 36# K-55 ST&C
CSA 3950' X 1580 SX

2 ¹/₁₆" 325 # J-55 EVE 1bg @ 5952'

DAKOTA 7840'

8032'

BAKER MODEL D PACKER SET @ 7820'

2 ³/₈" 4.7# J-55 8RT 1bg @ 8040'

7" 26# K-55 ST&C
CSA 8096' X 930 SX

CENTRALIZERS RUN EVERY OTHER JOINT FROM TD TO 7630' AND FROM
6900'-7500'

RECEIVED

REB 26 1981
OIL COM. COM.

Amoco Production Company

JICARILLA APACHE 102-8M

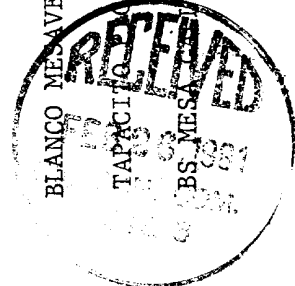
SCALE:

DRG.
NO.

T 26 N



BS MESA CASE TIP



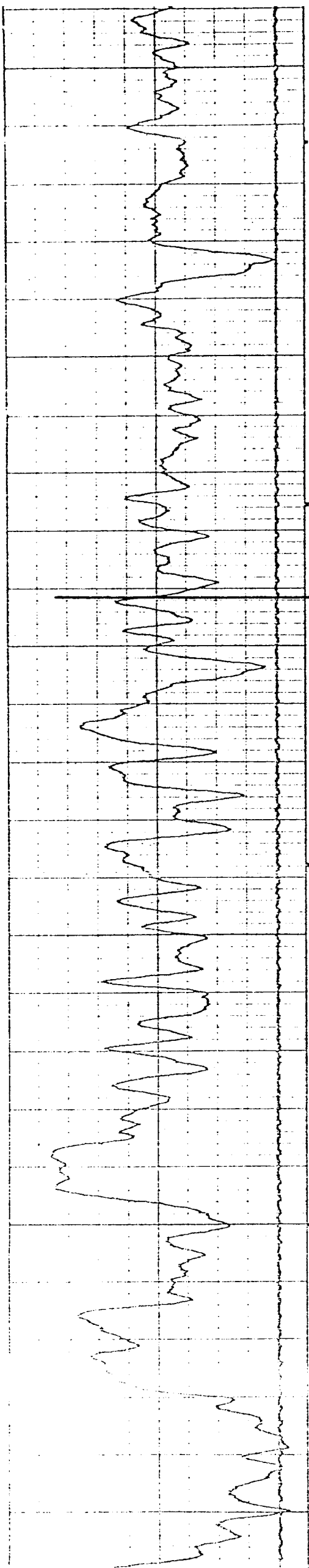
GEARHART**INDUCTION
ELECTRICAL LOG**

FILING NO.	COMPANY <u>AMOCO PRODUCTION</u>	
	WELL <u>JICARILLA APACHE 102 NO. 8M.</u>	
	FIELD <u>BLANCO MESA VERDE/BASIN DAKOTA</u>	
	COUNTY <u>RIO ARRIBA</u> STATE <u>NEW MEXICO</u>	
LOCATION:		Other Services
1700 FEL E 940 FEL		CDL/SNP/GR
SEC <u>3</u> TWP <u>26N</u> RGE <u>4W</u>		

Permanent Datum <u>GROUND LEVEL</u> Elev. <u>6905</u>	Elevations:
Log Measured from <u>KIB</u> <u>13.0</u> Ft. Above Permanent Datum	KB <u>6918</u>
Drilling Measured from <u>ITB</u>	DF <u>6917</u>
	GL <u>6905</u>

Date	<u>SEP 28, '80</u>		
Run No.	<u>ONE</u>		
Depth-Driller	<u>8100</u>		
Depth-Logger	<u>8100</u>		
Bottom Logged Interval	<u>8093</u>		
Top Logged Interval	<u>3949</u>		
Casing-Driller	<u>9 3/4" @ 3940</u>		
Casing-Logger	<u>3949</u>		
Bit Size	<u>8 3/4"</u>		
Type Fluid in Hole	<u>GAS</u>		
Density and Viscosity	---	---	cc
pH and Fluid Loss	---	---	cc
Source of Sample	---	---	cc
Rm @ Meas. Temp.	---	---	°F
Rmf @ Meas. Temp.	---	---	°F
Rmc @ Meas. Temp.	---	---	°F
Source at Rmf and Rmc	---	---	°F
Rm @ BHT	---	---	°F
Time			
End Circulation	---		
Logger on Bottom	---		
Max. Rec. Temp. Deg. F.	<u>212</u>	°F	°F
Equip. No. and Location	<u>7532 29-062</u>		
Recorded By	<u>DEWITT</u>		
Checked By	<u>DEWITT</u>		

FIELD PRINT



05300

Mesa Verde

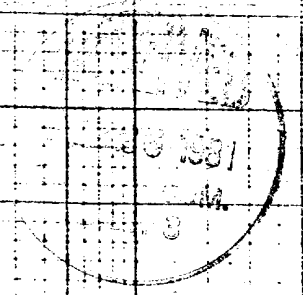
2 JSPF

05400

2 JSPF

2 JSPF

05500

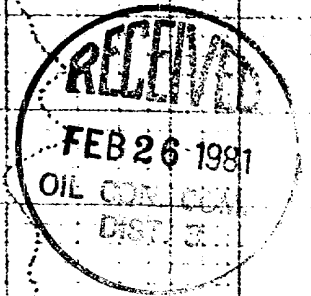


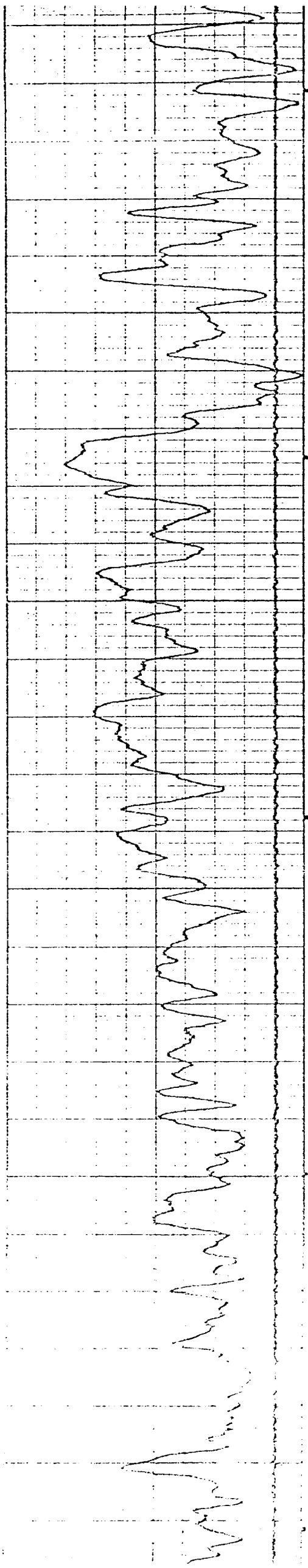
05500

2 JSPF

05600

05700





05800

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2 USPF

0000

2 USPF

0000

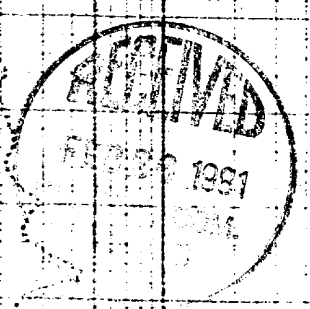
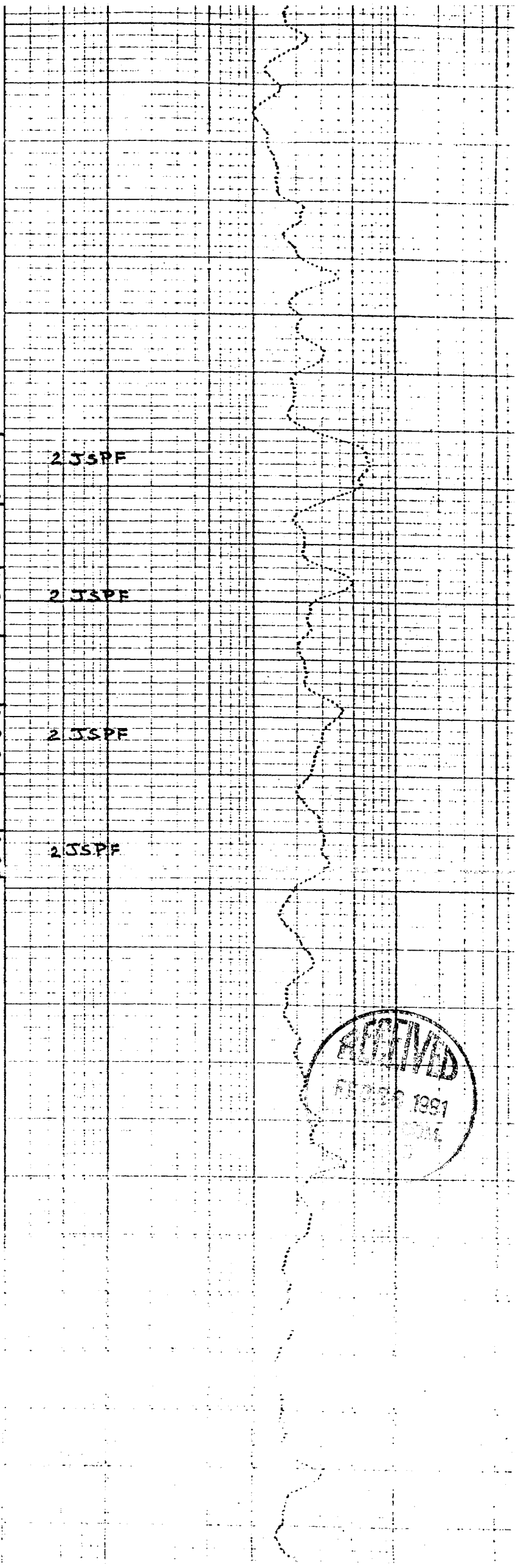
2 USPF

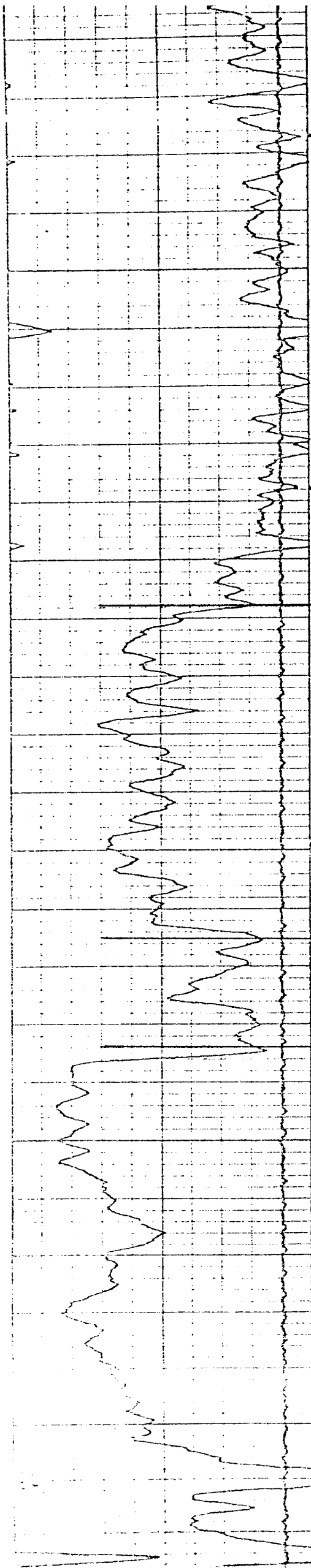
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2 USPF

05900

06000

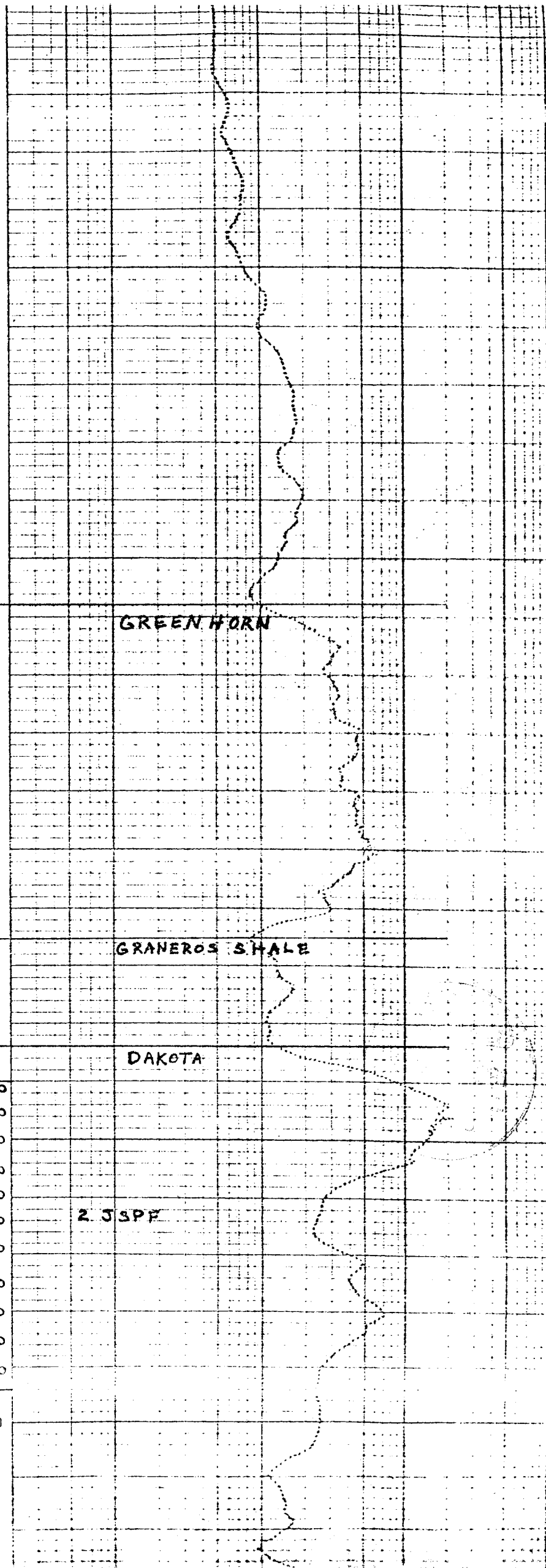




07700

07800

07900

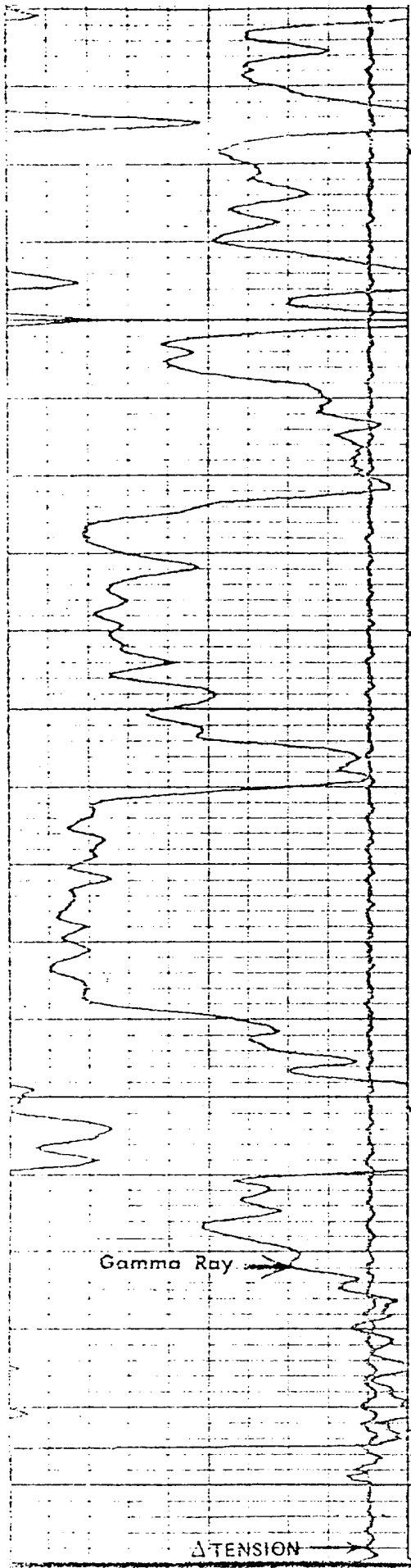


GREEN HORN

GRANEROS SHALE

DAKOTA

2.3SPF

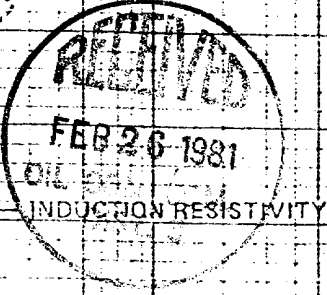
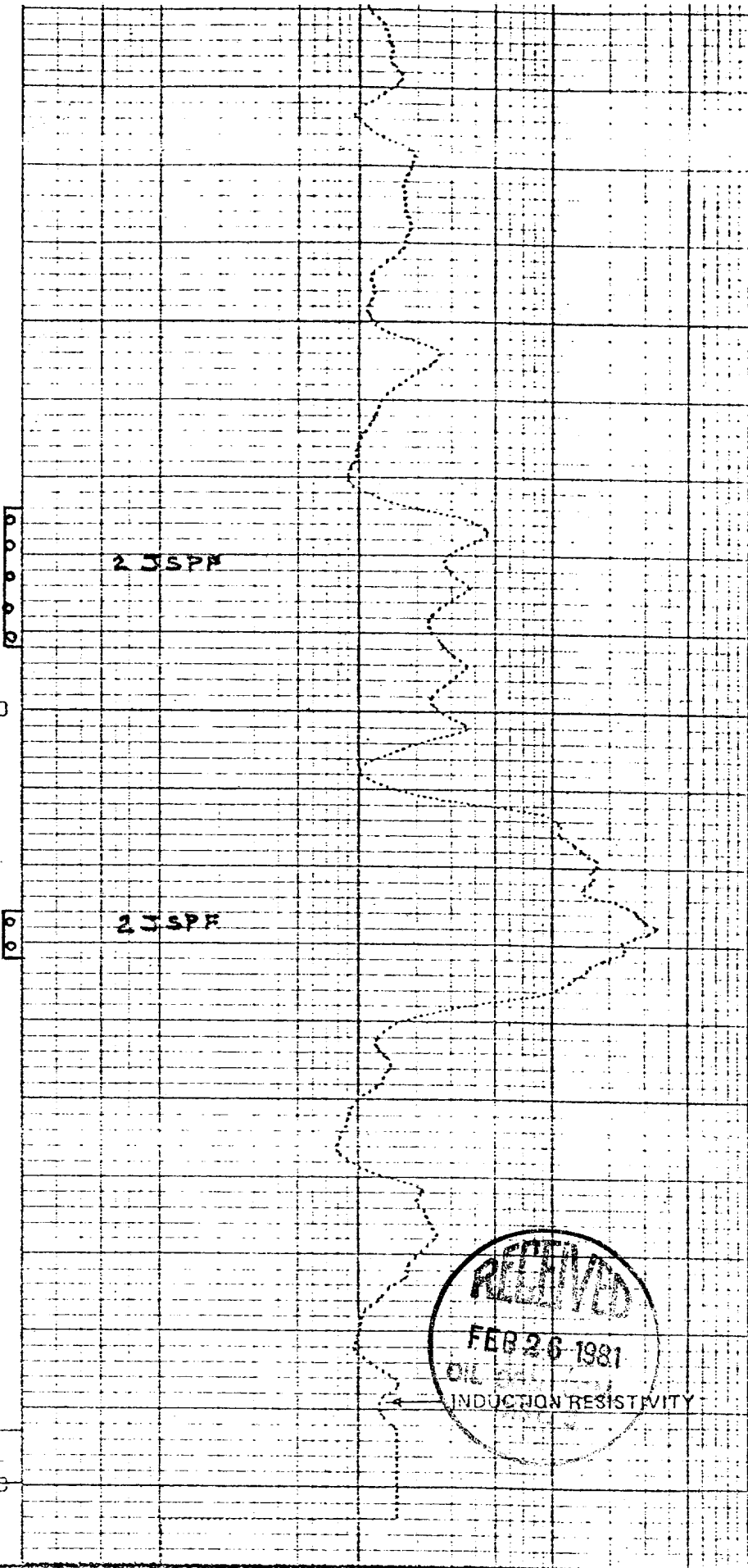


08000

FR

08100
T.D.

ΔTENSION



0.2 R (ILD) Ω-M 2

GR API 200

09-21-80 23:23 8110.0 115839 0040-20 0

REPEAT SECTION

09-21-80 23:17 7750.0 115839 0040-20 0

0.2 R (ILD) Ω-M 2

GR API 200

09-21-80 23:17 7750.0 115839 0040-20 0