

THE APPLICATION OF AMOCO PRODUCTION
CO. FOR A DUAL COMPLETION.

ORDER NO. MC-2945

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION DIVISION

Under the provisions of Rule 112-A Amoco Production Co. made application to the New Mexico Oil Conservation Division on October 19, 1981, for permission to dually complete its Jicarilla Apache 102 Well No. 10E located in Unit K of Section 4, Township 26 North, Range 4 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the B.S. Mesa-Gallup Pool and the Basin-Dakota Pool.

Now, on this 9th day of November, 1981, 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 Co., be and the same is hereby authorized to dually complete its Jicarilla Apache 102 Well No. 10E located in Unit K of Section 4, Township 26 North, Range 4 West, NMPM, Rio Arriba County, New Mexico, in such a manner as to permit production of gas from the B.S. Mesa-Gallup Pool and the Basin-Dakota Pool through the casing-tubing annulus and the tubing respectively.

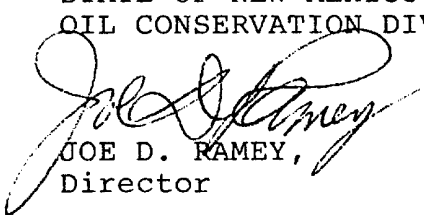
PROVIDED HOWEVER, that applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

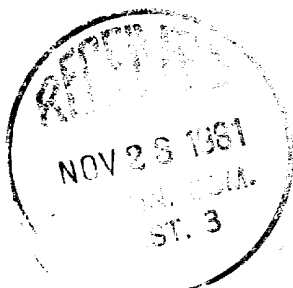
PROVIDED FURTHER, that applicant shall take packer-leakage tests upon completion and annually thereafter.

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.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


JOE D. RAMEY,
Director





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 10-20-81

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

Gentlemen:

I have examined the application dated 10-13-81
for the AMOCO PROD. CO. SICARILLA APACHE 102# 10-E K-4-26N-4W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

APPROVE

Yours truly,

Charles G. Hulse

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

Form C-107
5-1-61

Operator Amoco Production Company		County Rio Arriba		Date 10-13-81
Address 501 Airport Drive, Farmington, NM		Lease Jicarilla Apache 102		Well No. 10E
Location of Well K	Unit K	Section 4	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 X NO _____
2. If answer is yes, identify one such instance: Order No. R-4059; Operator Lease, and Well No.: Amoco's Jicarilla
The Gallup and Dakota Horizons are commingled. Apache 102 No. 9

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	B. S. Mesa Gallup		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	7676'-7308'		8320'-8110'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Life)	Flowing		Flowing

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

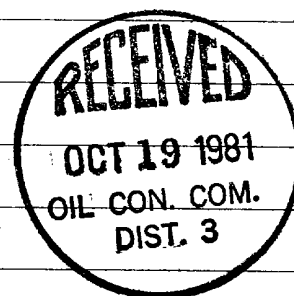
- | | | |
|-------------------------------------|--------------------------|---|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | a. Diagrammatic Skerch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or 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.

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

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

Supron Energy Corp., P.O. Box 808, Farmington, NM 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 October 13, 1981.

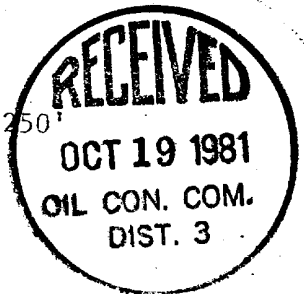
CERTIFICATE: I, the undersigned, state that I am the District Superintendent of the Amoco Production Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct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

R.W. Schneider
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.

9 5/8" CSA 323'
32.3# H-40



7" CSA 4250'
23# K-55

GALLUP

7308'

7676'

SLIDING SLEEVE AT 8002'

PKR SA 8011'

2 3/8" TBG AT 8294'

DAKOTA

8110'

8320'

PBD 8364'

4 1/2" CSA 8410'
11.6# K-55

Centralizers run every other joint from TD to 7950' and from
7100'-7700'

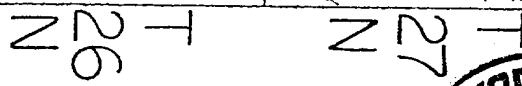
The Gallup horizon will be produced through the annulus

Amoco Production Company

SCALE:

JICARILLA APACHE 102 #102

ORG.
NO.

A circular black and white stamp. The word "RECEIVED" is at the top in a bold, sans-serif font. Below it is the date "OCT 19 1981". At the bottom, the text "OIL CON. COM." and "DIST. 3" are stacked in a smaller, bold, sans-serif font.

EXISTING B. S. MESA GALLUP WELLS

Dresser Atlas*Induction
Log*

WITH LINEAR CORRELATION LOG

API #

FILE NO.

COMPANY Amoco Production CompanyWELL Jicarilla Apache 102 #10EFIELD Basin Dakota, B.S. Mesa - GallupCOUNTY Rio Arriba STATE New Mexico

LOCATION:

1700' FSL X 1530' FWL

Other Services

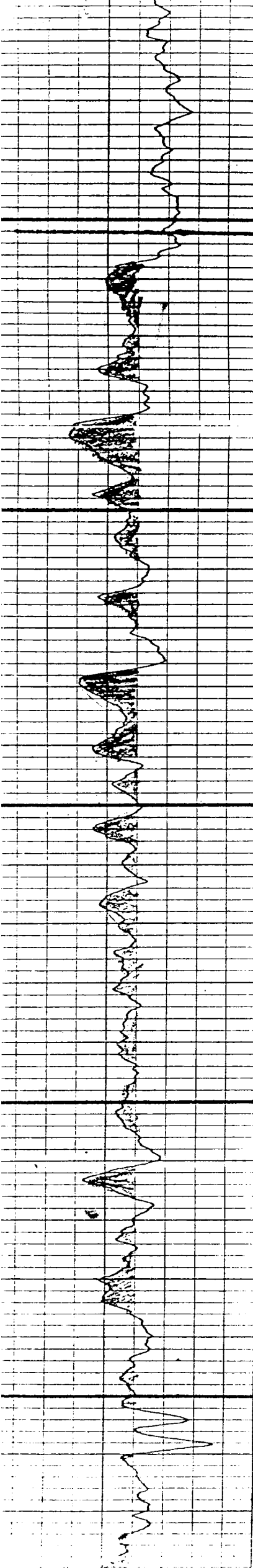
CON/LPN/GR

SEC 4 TWP 26N RGE 4WPermanent Datum G.L. Elev. 7196Log Measured from K.B. 13 Ft. Above Permanent DatumDrilling Measured from K.B.

Elevations:

KB 7209DF 7208GL 7196

Date	8-9-80			
Run No.	one			
Depth—Driller	8410			
Depth—Logger	8711			
Bottom Logged Interval	8400			
Top Logged Interval	Surface			
Casing—Driller	7" @ 4250	@	@	@
Casing—Logger	4251			
Bit Size	6 1/4"			
Type Fluid in Hole	Gas Drilled			
	@	@	@	@
Density and Viscosity	-	-		
pH and Fluid Loss	-	-	cc	cc
Source of Sample	-	-		
Rm @ Meas. Temp.	- @ - °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	- @ - °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	- @ - °F	@ °F	@ °F	@ °F
Source of Rmf and Rmc	-	-		
Rm @ BHT	- @ - °F	@ °F	@ °F	@ °F
Time Since Circ.	-	-		
Max. Rec. Temp. Deg. F.	231 °F	°F	°F	°F
Equip. No. and Location	4051 Farm.			
Recorded By	McKelvie			
Witnessed By	Anderson			



7300
GALLUP

7308

2 JSPF

7342

7376

7382

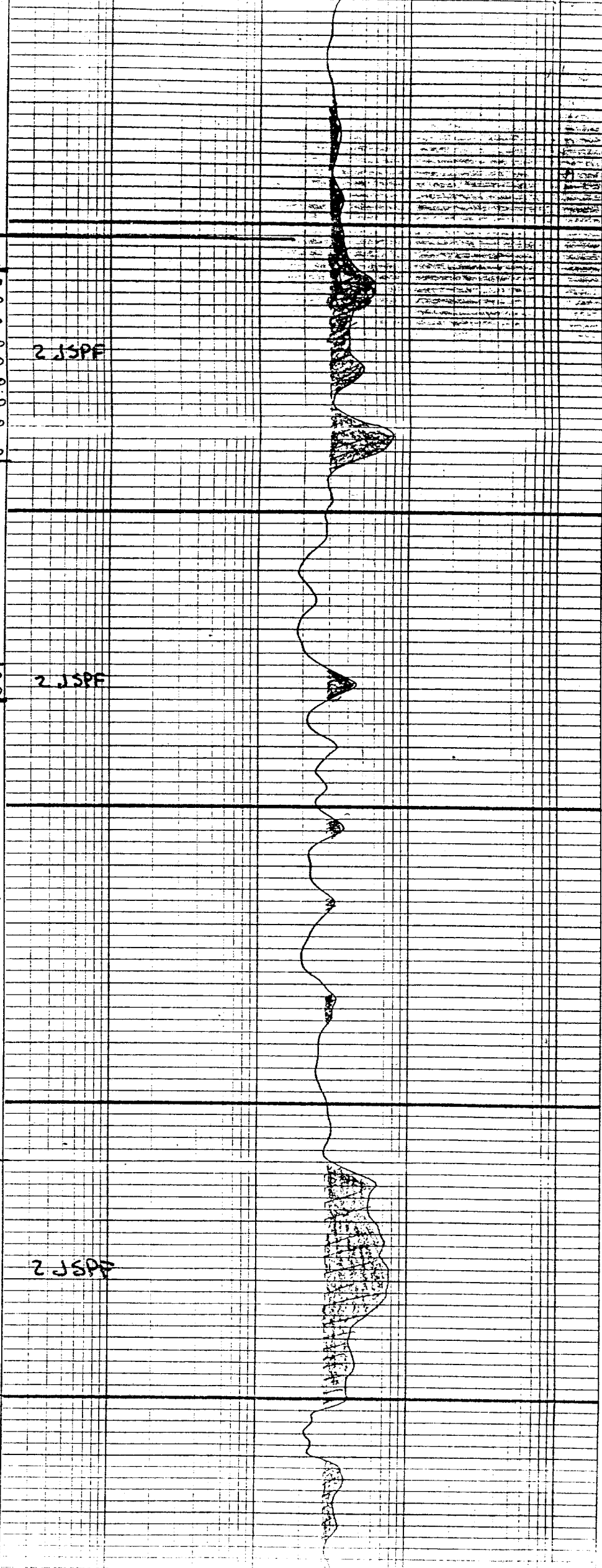
2 JSPF

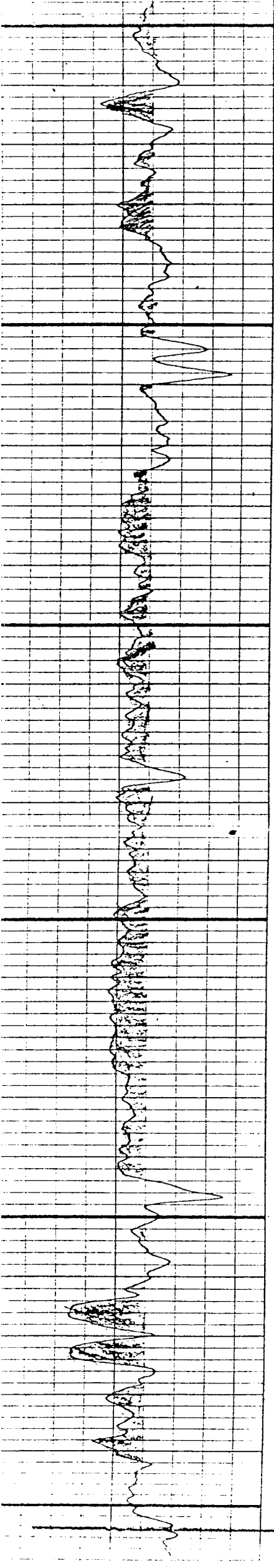
7400

7462

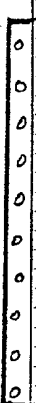
2 JSPF

7500





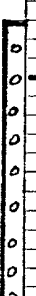
7462



2 JSPF

7500

7544

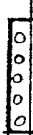


2 JSPF

7574

7600

7664



2 JSPF

7676

7700

