

DISTRICT I
P.O.Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O.Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O.Box 2088

Santa Fe, New Mexico 87504-2088

Form C-107
Revised 4-1-91

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Operator **WILLIAMS PRODUCTION COMPANY**

Address **P O BOX 3102, TULSA, 9K 74172**

Lease: **ROSA UNIT** Well No. **#30** Unit Ltr. **Sec 12 Twp 31N Rge 6W** County **RIO ARriba**

All applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Immediate Zone	Lower Zone
a. Name of Pool and Formation	BLANCO MV		BASIN DK
b. Top and Bottom of Pay Section (Perforations)	5573' - 6154'		8065' - 8223'
c. Type of Production (Oil or Gas)	GAS		GAS
d. Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	IP 2123	RECEIVED SEP 17 1996 OIL CON. DIV. DIST. 3	IP 3416

2. The following must be attached:

- 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.
- 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.
- 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.)

OPERATOR:

I hereby certify above information is true and complete to best of my knowledge, and belief.

Signature *Larreen Kimbrel*
Printed Name & Title LARREEN KIMBREL, SR. OFFICE ASSISTANT
Date September 16, 1996 Telephone 918/588-4467

OIL CONSERVATION DIVISION

Approved by: Original Signed by FRANK T. CHAVEZ
Title: SUPERVISOR DISTRICT # 3
Date: SEP 17 1996

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.

FILING INSTRUCTIONS:

- District Approval — See rule 112-A-B — Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval — See Rule 112-C — Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

WELLBORE DIAGRAM

ROSA UNIT #19M MV/DK

Location: 1620' FNL, 1665' FWL
SE/4 NW/4 Section 24, T31N, R6W
Rio Arriba Co., NM

Elevation = 6231' GR
KB = 14'

TOPS	DEPTH
OJO ALAMO	2300'
KIRTLAND	2438'
FRUITLAND	2878'
PICTURED CLIFFS	3084'
LEWIS	3373'
CLIFF HOUSE	5282'
MENEFEE	5326'
POINT LOOKOUT	5555'
MANCOS	5862'
GALLUP	6322'
GREENHORN	7595'
GRANEROS	7652'
DAKOTA	7775'

STIMULATION

Cliff House/Menefee: 5269' - 5541'

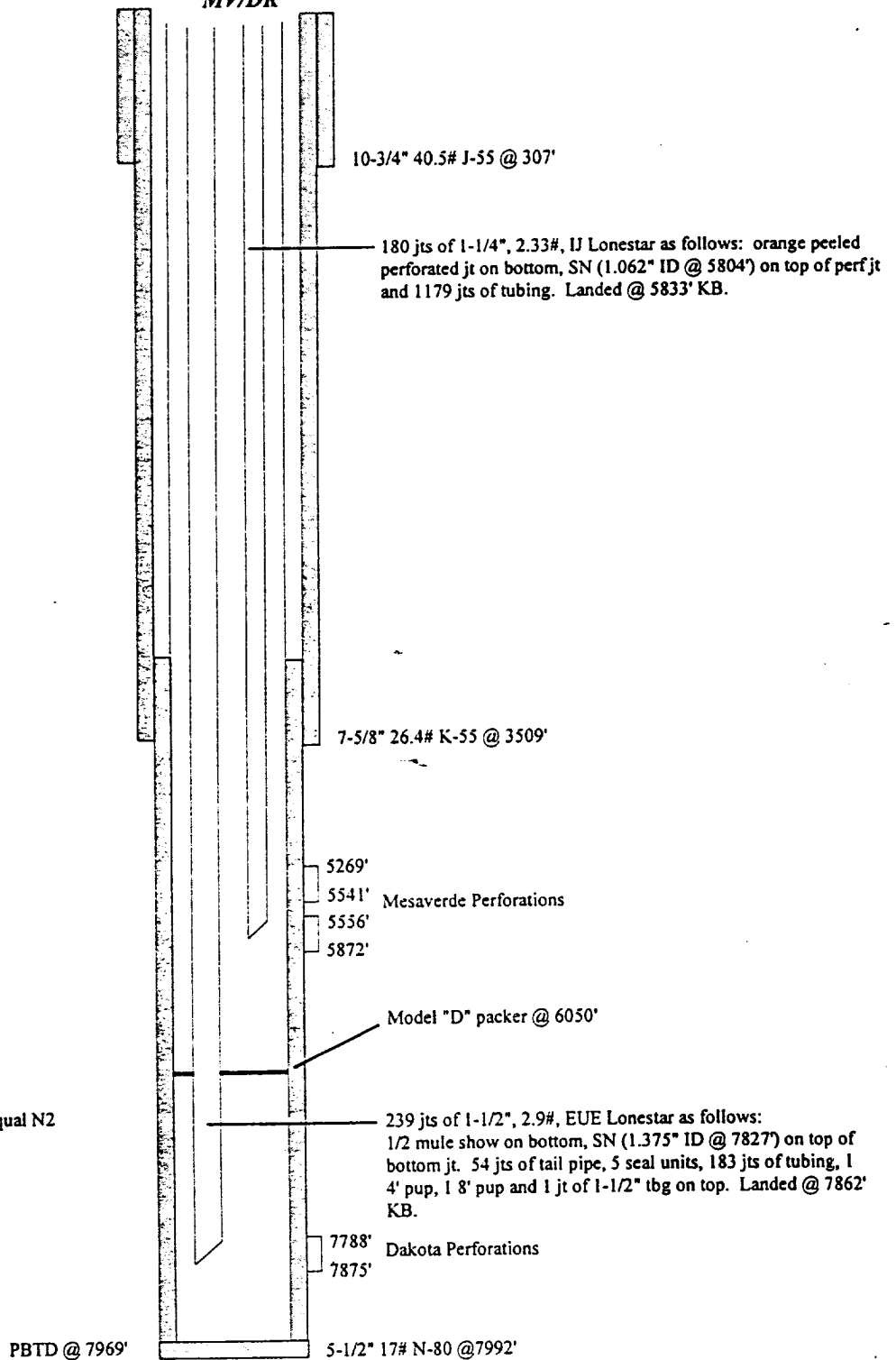
80,000# of 20/40 sand in 1771 Bbls of slick water

Point Lookout: 5556' - 5872'

80,000# of 20/40 sand in 1968 Bbls of slick water

Dakota: 7788' - 7875'

95,000# of 20/40 Ottawa in 12,000 gal pad of 60 qual N2
foam w/ 30# CMHPG gel X-linked w/ Zirconium.



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
14-3/4"	10-3/4" 40.5#	285 sx	336 cu.ft.	SURFACE
9-7/8"	7-5/8" 26.4#	780 sx	1420 cu.ft.	SURFACE
6-3/4"	5-1/2" 17#	440 sx	611 cu.ft.	3010' (CBL)

OFFSET OPERATORS
ROSA UNIT #30
P-12-31N-6W

1. Lease: Rosa Unit

Operator: Williams Production Company, PO Box 3102, Tulsa OK, 74101



SPECTRAL DENSITY
DUAL SPACED NEUTRON

COMPANY WILLIAMS PRODUCTION COMPANY

WELL ROSA UNIT #30

FIELD BLANCO MESAVERDE/BASIN DAKOT

COUNTY RIO ARRIBA STATE NM

COMPANY WILLIAMS PRODUCTION COMPANY

WELL ROSA UNIT #30

FIELD BLANCO MESAVERDE/BASIN DAKOTA

COUNTY RIO ARRIBA STATE NM

API No. 30-038 25570
Location 880 FSL & 920 FEL

Other Services
HRI
RUN 2 DSEN
HRTT

Sect 12 Twp 31N Rge 06W

Permanent Datum G.L. Elev 8490'

Log measured from K.B. 14 ft. above perm. datum

Drilling measured from K.B.

Elev. K.B. 8504
D.F. 8503
G.L. 6490

Date 07-09-86 07-13-86

Run No.

Depth - Driller

Depth - Logger

Bottom - Logged Interval

Top - Logged Interval

Casing - Driller

Casing - Logger

Bit Size

Type Fluid in Hole

Dens. / Visc.

Pn / Fluid Loss

Source of Sample

Rm @ Meas. Temp.

Rm @ Meas. Temp.

Rmc @ Meas. Temp.

Source Rm / Rmc

Rm @ BHT

Time Since Circ.

Time on Bottom

Max. Rec. Temp.

Equip. / Location

Recorded By

Witnessed By

ONE

3742

3740

3731

2700

10.75 @ 318

320

8.875

LSND

8.9 / 45

8 / 10

FLOWLINE

2.37 @ 78.3

1.89 @ 78.3

2.80 @ 78.3

MEAS. / MEAS.

1.80 @ 120

3 HOURS

17:30

120 @ TD

51843 / FARM

PAT BAKER

JOHN BIRCHER

TWO

8283

8280

8274

4550

7.825 @ 3741

3741

6.75

AIR

N/A / N/A

N/A / N/A

N/A

N/A @ N/A

N/A @ N/A

N/A @ N/A

N/A / N/A

N/A @ N/A

N/A

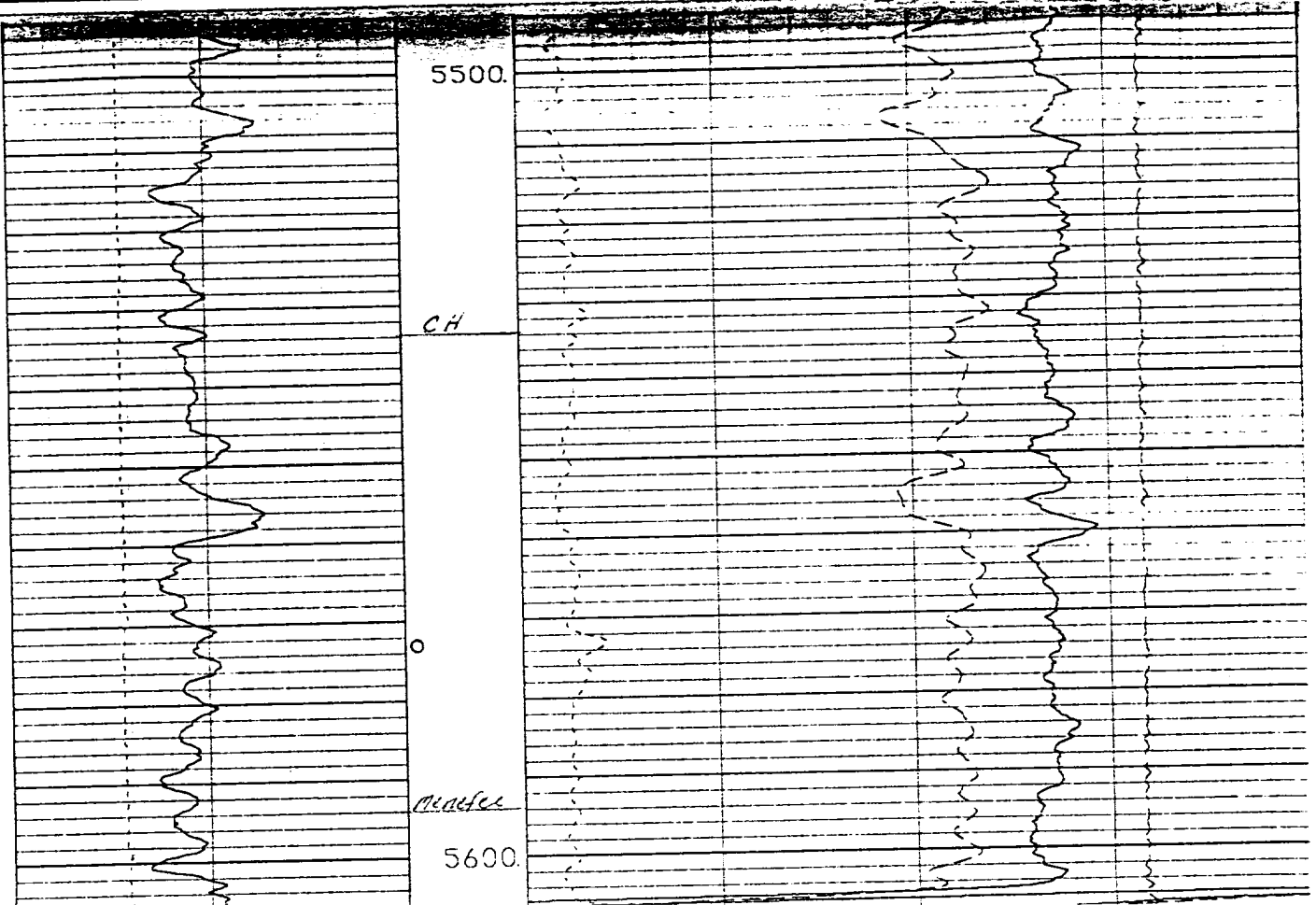
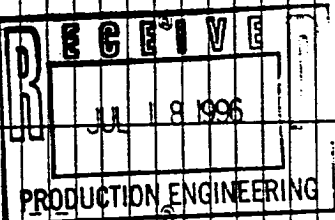
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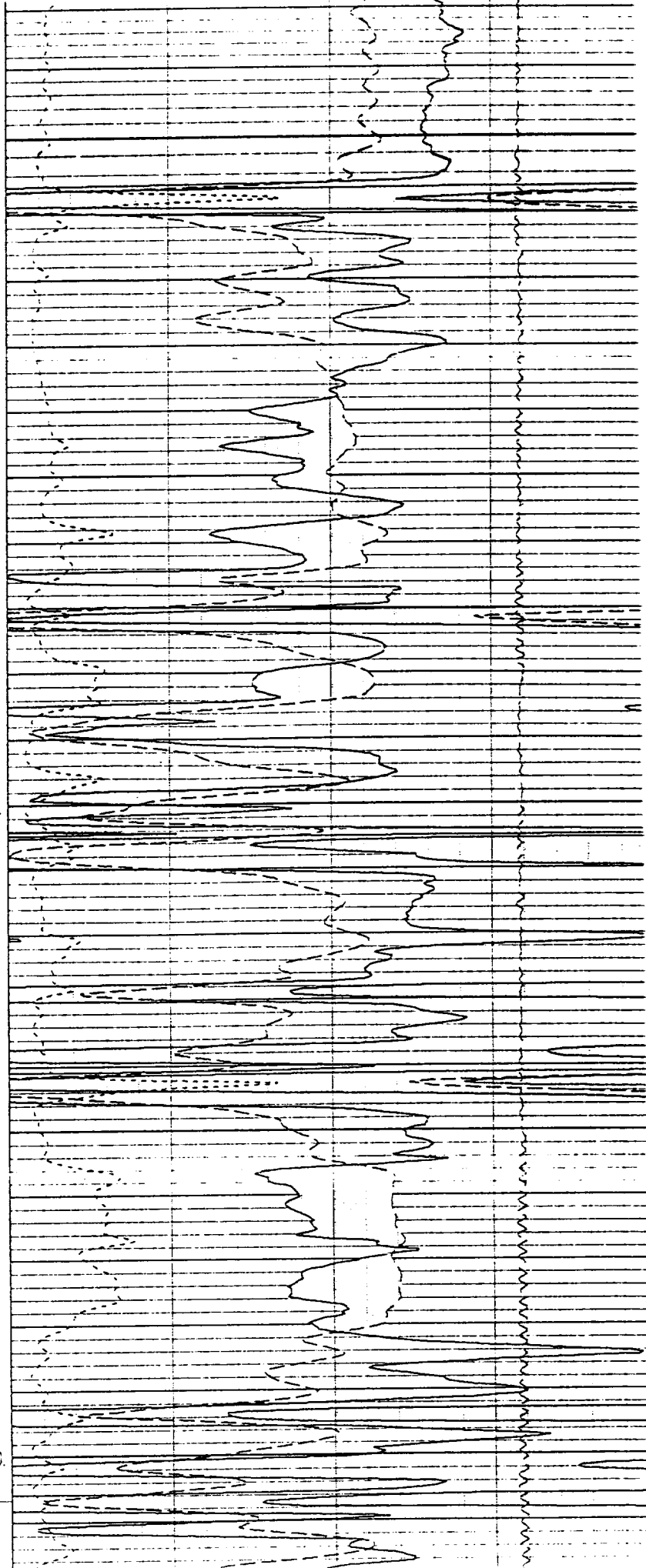
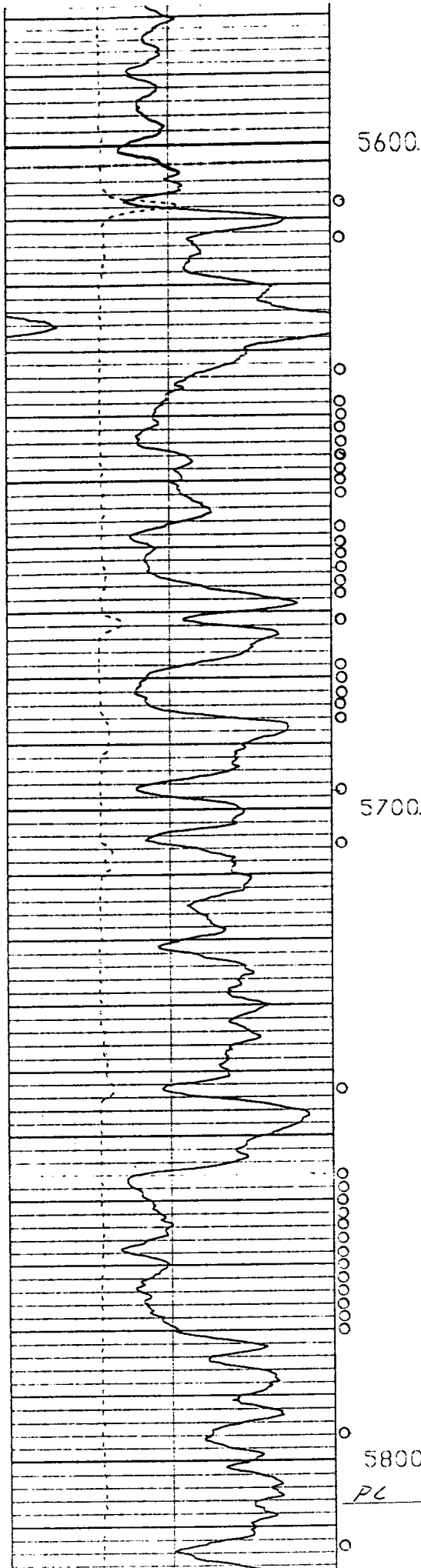
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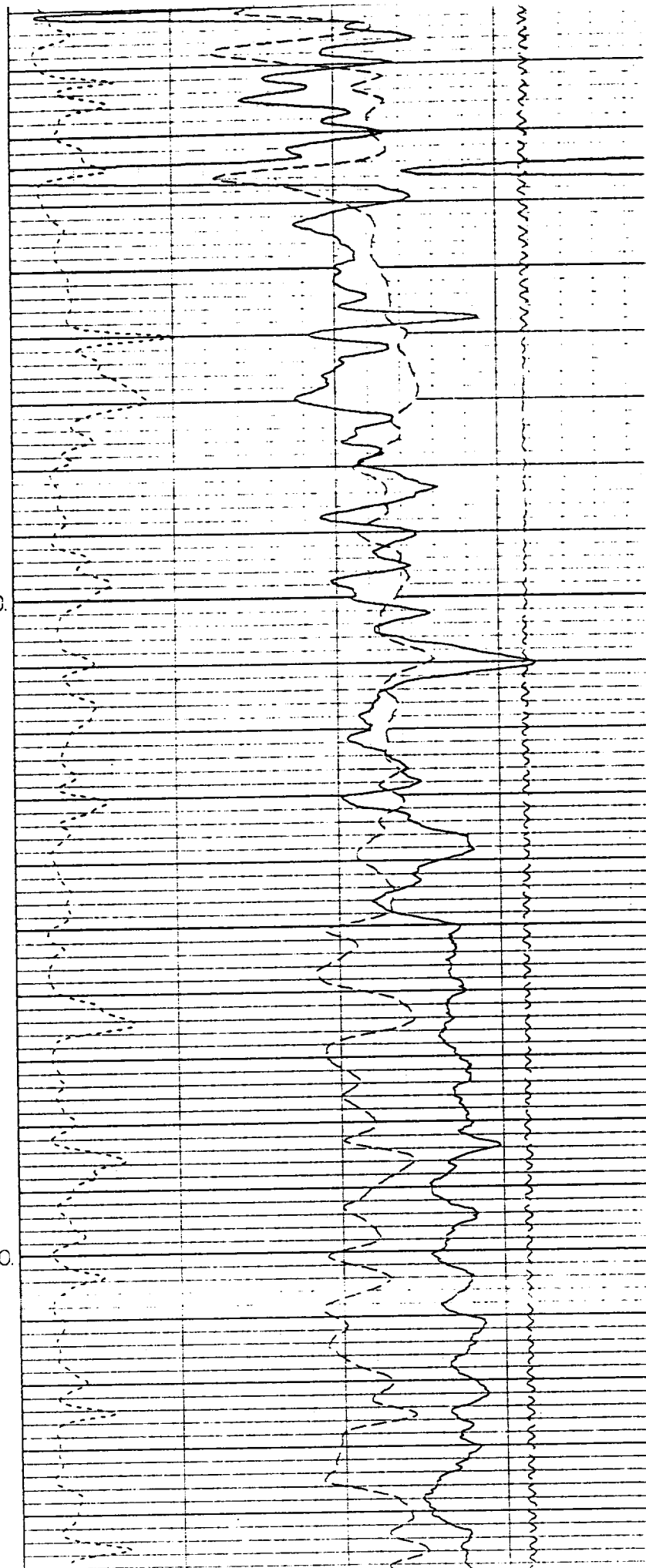
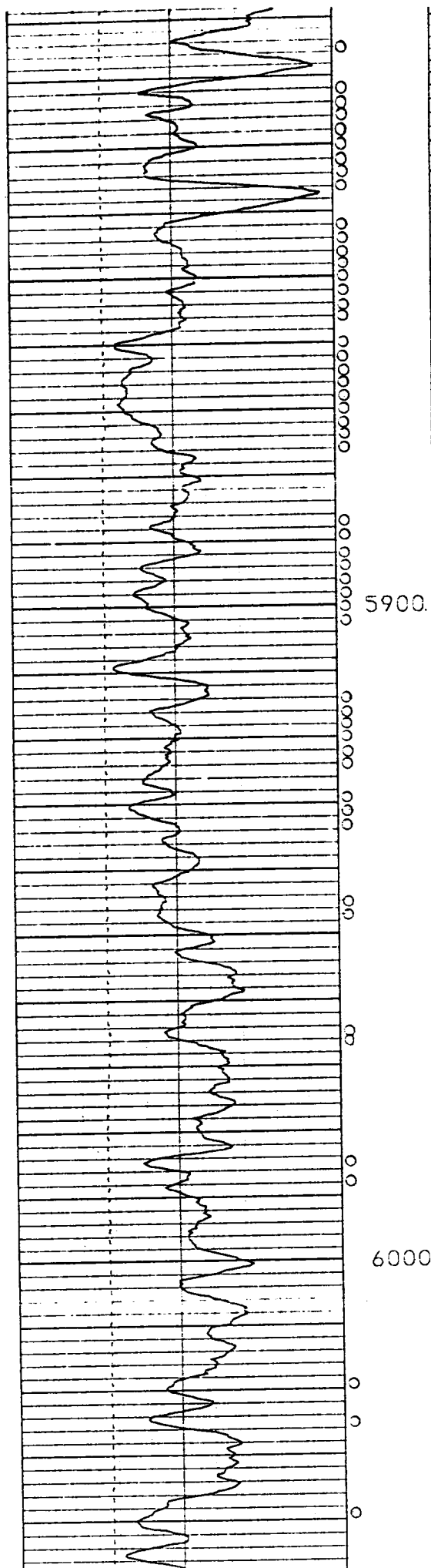
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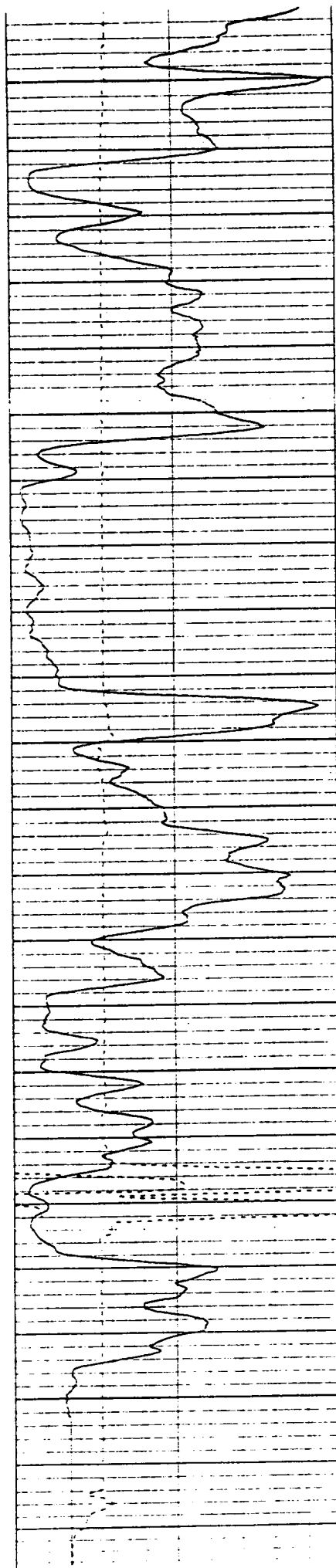
MATT BREWER

JOHN BIRCHER





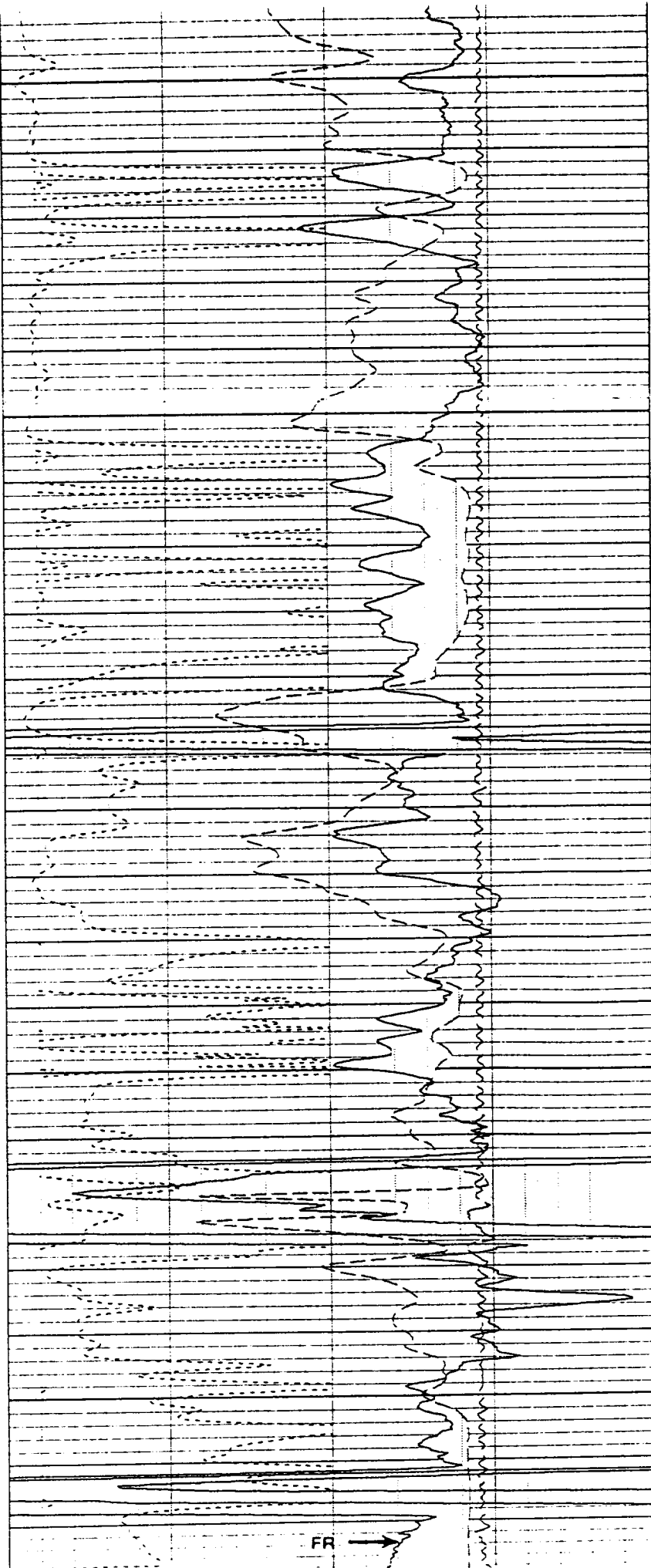




DK

8100

8200



FR →