

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107
Revised 4-1-91

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

OIL CONSERVATION DIVISION
P.O.Box 2088

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

Santa Fe, New Mexico 87504-2088

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Operator **WILLIAMS PRODUCTION COMPANY**

Address **P O BOX 3102, TULSA, OK 74172**

LEASE: **ROSA UNIT** Well No. **9A** Unit Ltr. **C Sec 11 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 DAKOTA
b. Top and Bottom of Pay Section (Perforations)	5419' - 6059'		7960' - 8128'
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 2,008	RECEIVED SEP - 6 1996 OIL CON. DIV. DIST. 3	IP 984

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
Date August 7, 1996 Telephone 918/588-4467

OIL CONSERVATION DIVISION

Approved by: [Signature]
Title: SUPERVISOR DISTRICT # 3
Date: SEP - 6 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 #9A MV/DK

Location: 1250' FNL, 2245' FWL
NE/4 NW/4 Section 11, T31N, R6W
Rio Arriba Co., NM

Elevation = 6247' GR
KB = 14'

TOPS	DEPTH
OJO ALAMO	2444'
KIRTLAND	2559'
FRUITLAND	3014'
PICTURED CLIFFS	3234'
LEWIS	3549'
CLIFF HOUSE	5459'
MENEFEE	5504'
POINT LOOKOUT	5709'
MANCOS	5864'
GREENHORN	7799'
GRANEROS	7859'
DAKOTA	7977'

STIMULATION

Cliff House/Menefee: 5419' - 5709'

80,000# of 20/40 sand in 1871 BBL's of slick water

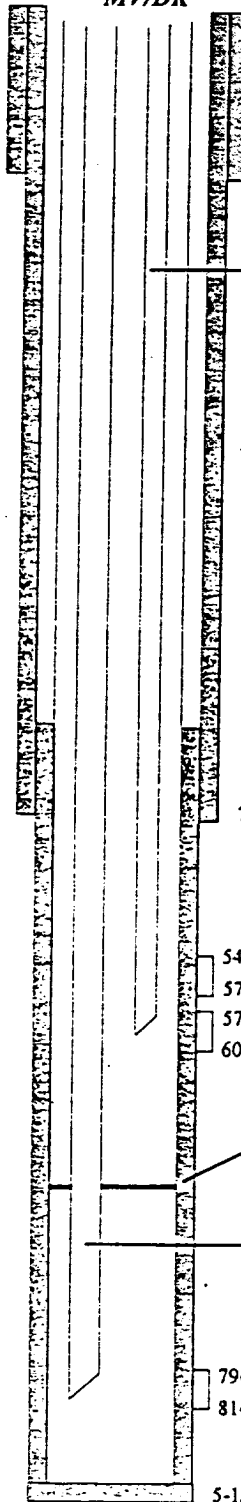
Point Lookout: 5728' - 6059'

80,000# of 20/40 sand in 2120 BBL's of slick water

Dakota: 7960' - 8143'

90,000# of 20/40 Ottawa & 10,000# super DC
resin coated sand in 660 BBL's of 60 qual. N2 foam

PBTD @ 8173'



10-3/4" 40.5# J-55 @ 544'

187 jts of 1-1/4", 2.33#, J-55, U, ERW as follows: orange peeled perforated sub on bottom, SN (1.062" ID @ 6022') and 186 jts of tubing. Landed @ 6056' KB.

7-5/8" 26.4# K-55 @ 3704'

5419'

5709'

5728'

6059'

Mesaverde Perforations

Model "D" packer @ 6600'

246 jts of 1-1/2", 2.9#, J-55 EUE ERW as follows:
1/2 mule show on bottom, SN (1.375" ID @ 8018'). 43 jts of
tail pipe, 5 seal units, 201 jts of tubing, 1 8' pup and one full
jt. Landed @ 8051' KB.

7960'

8143'

Dakota Perforations

5-1/2" 17# N-80 @ 8195'

HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
13-3/4"	10-3/4" 40.5#	335 sx	395cu.ft.	SURFACE
9-7/8"	7-5/8" 26.4#	855 sx	1532cu.ft.	SURFACE
6-3/4"	5-1/2" 17#	445 sx	617cu.ft.	3000' CBL

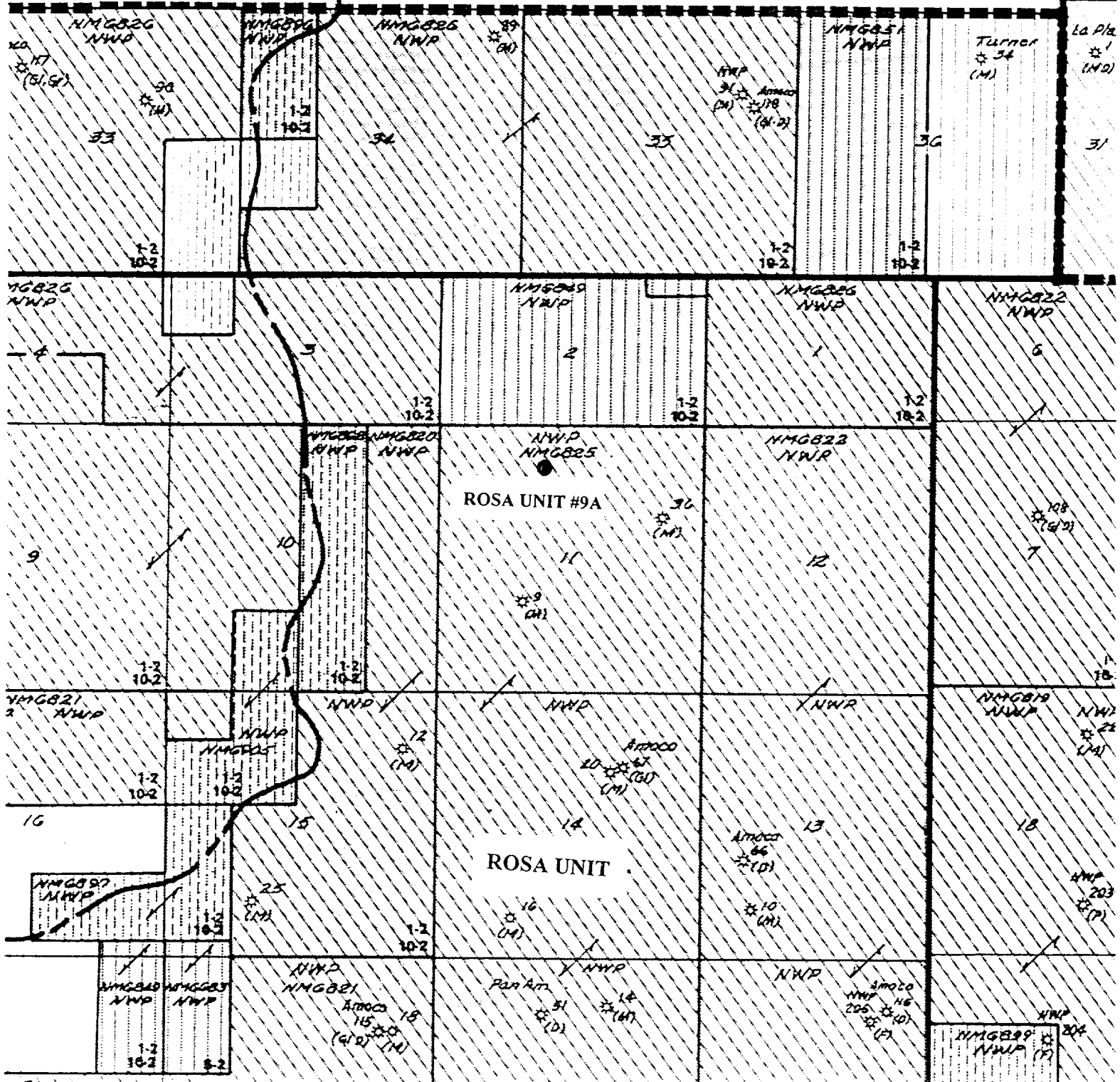
OFFSET OPERATORS
ROSA UNIT #9A
C-11-31N-6W

1. Lease: Rosa Unit

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

ROSA #9A

San Juan County Rio Arriba County





HALL BUREAU

PRODUCTION ENGINEERING

DUAL SPACED NEUTRON

JUL 22 1996

PRODUCTION ENGINEERING

COMPANY WILLIAMS PRODUCTION COMPANY

WELL ROSA UNIT #9A

FIELD BLANCO MESAVERDE/BASIN DAKOT

COUNTY RIO ARriba STATE NM

COMPANY WILLIAMS PRODUCTION COMPANY

WELL ROSA UNIT #9A

FIELD BLANCO MESAVERDE/BASIN DAKOTA

COUNTY RIO ARriba

STATE NM

API No. 30 039 25584

Location 1250 FNL & 2245 FWL

Other Services
HRI
RUN 2 DSEN
RUN 2 HRTT

Secd 11 Twp 31N Rgn 6W

Perment Datum

GL Elev 8427

Elev: K.B. 8441

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

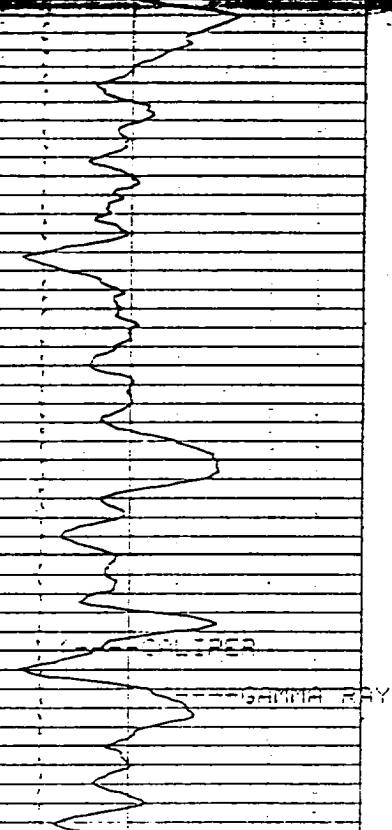
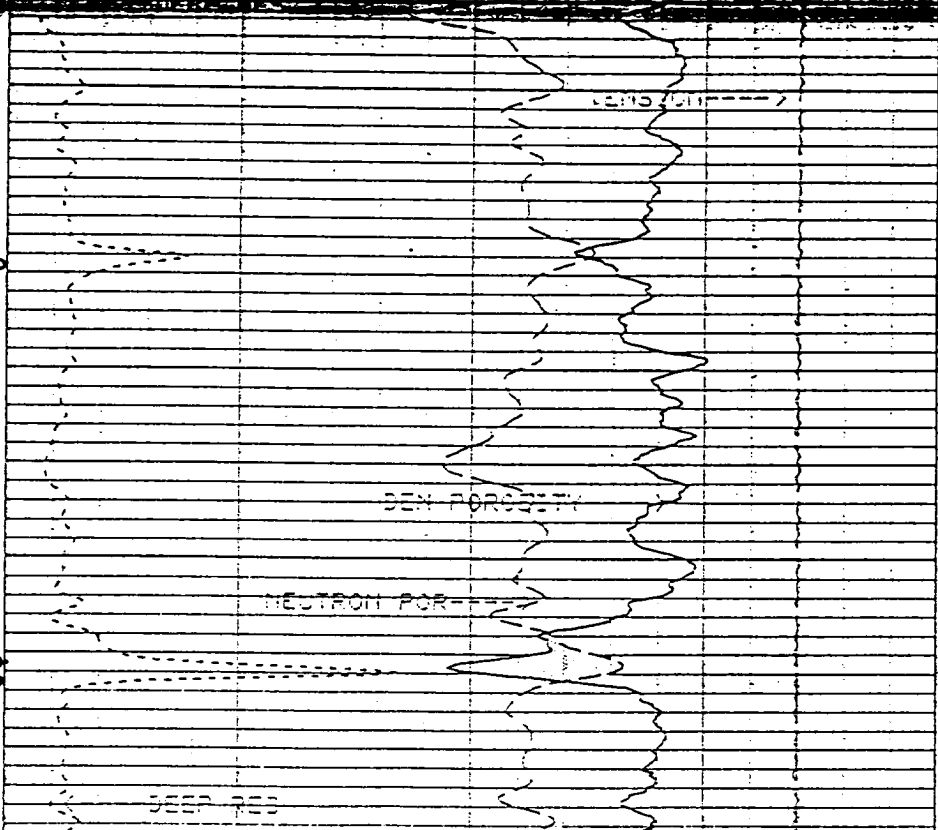
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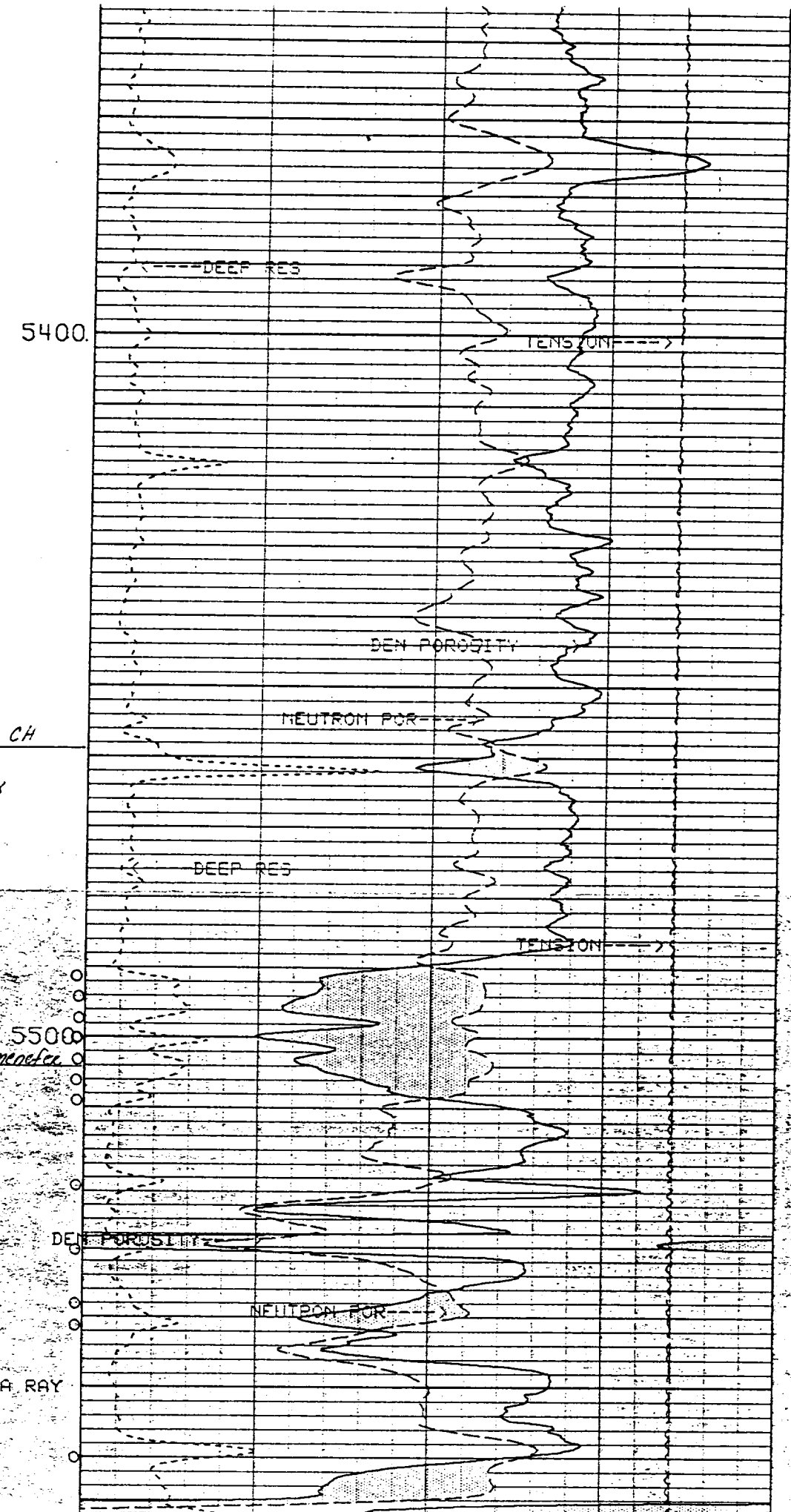
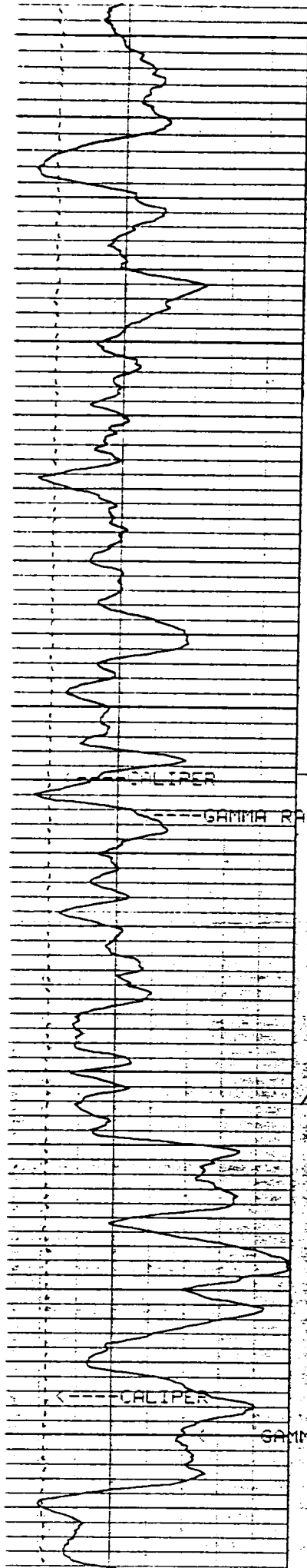
Drilling measured from K.B.

GL 8427

Date	06-29-96	07-04-96		
Run No.	ONE	TWO		
Depth - Driller	3704	8100		
Depth - Logger	3702	8195		
Bottom - Logged Interval	3693	8194		
Top - Logged Interval	2700	4450		
Casing - Driller	10.75 @ 544	7.625 @ 3704	@	@
Casing - Logger	539	3703		@
Bit Size	8.875"	8.75"		
Type Fluid In Hole	LSND.	AIR		
Dens. I Visc.	8.7 I 46	N/A I N/A	I	I
PH Fluid Loss	8 I 11	N/A I N/A	I	I
Source of Sample	FLOWLINE	N/A		
Rm @ Meas. Temp.	3.86 @ 87	N/A @ N/A	@	@
Rm @ Meas. Temp.	3.09 @ 87	N/A @ N/A	@	@
Rmc @ Meas. Temp.	4.25 @ 87	N/A @ N/A	@	@
Source Rm @ Rmc	MEAS I MEAS	N/A I N/A	I	I
Rm @ BHT	2.325 @ 115	N/A @ N/A	@	@
Time Since Circ.	3 HOURS	N/A		
Time on Bottom	2:30	3:15		
Max. Rec. Temp.	115 @ TD	219 @ TD	@	@
Fracture 1 Location	ELONG I ECRNMA	ELONG I ECRNMA		

5400.

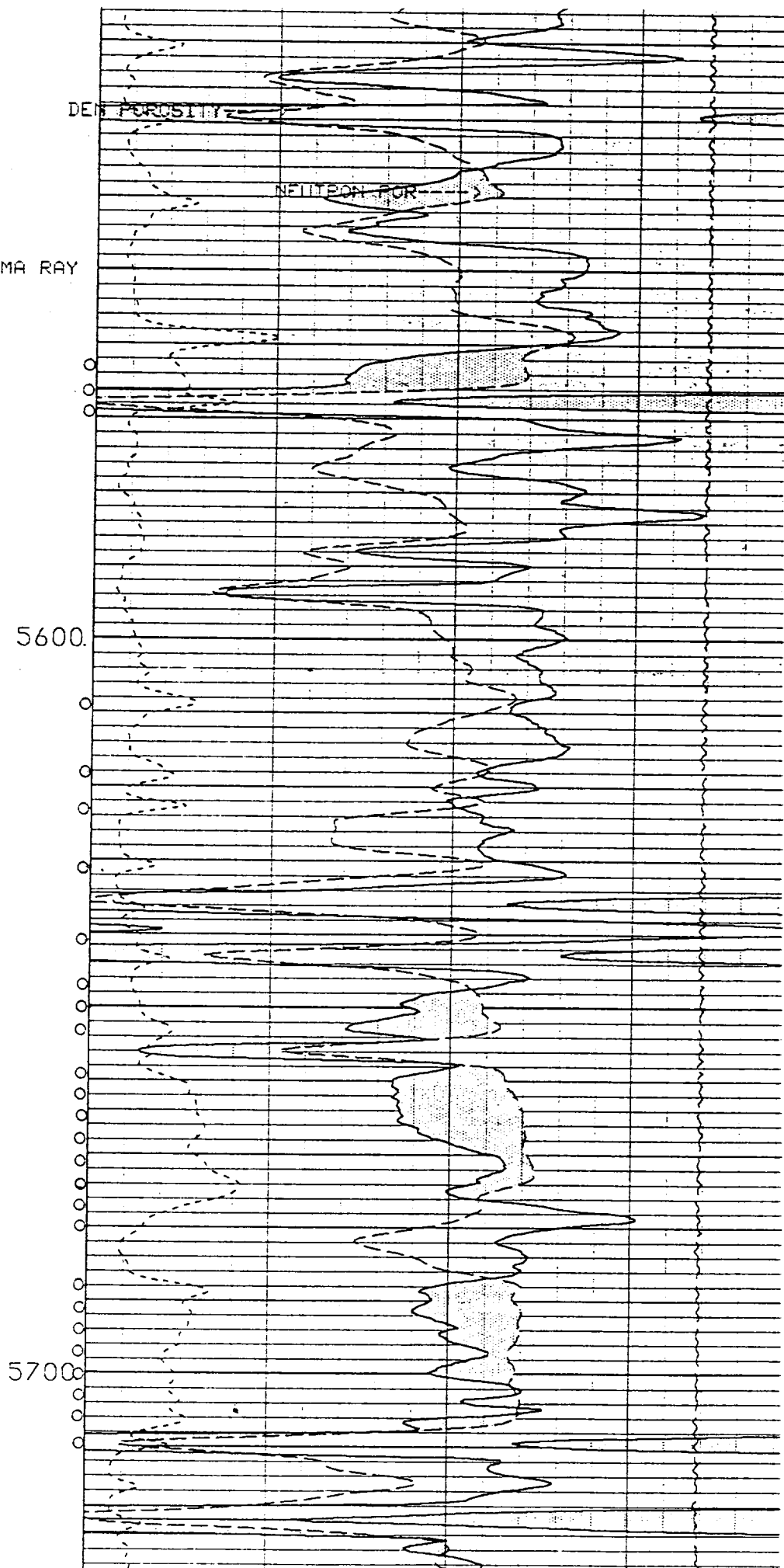
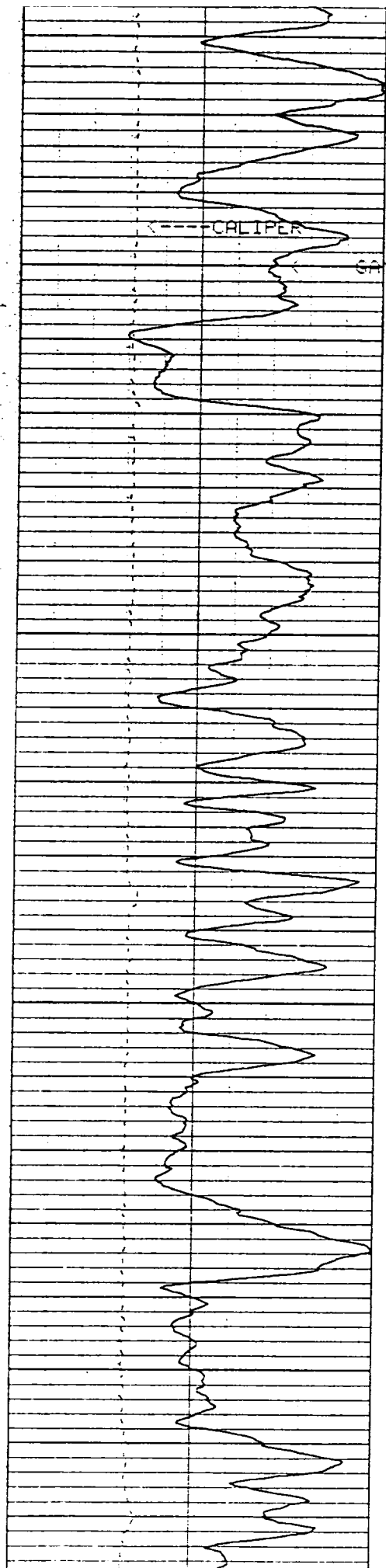


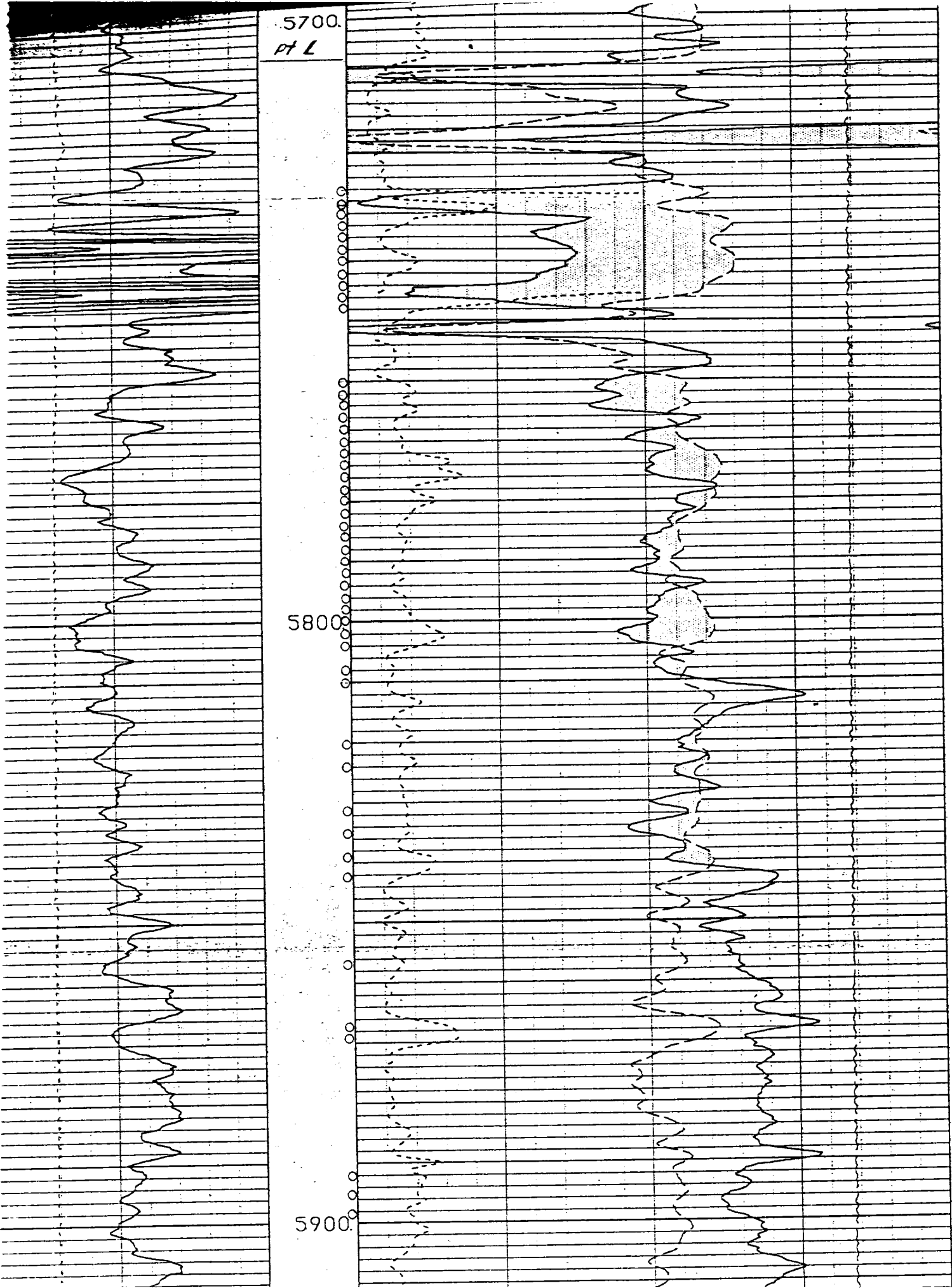


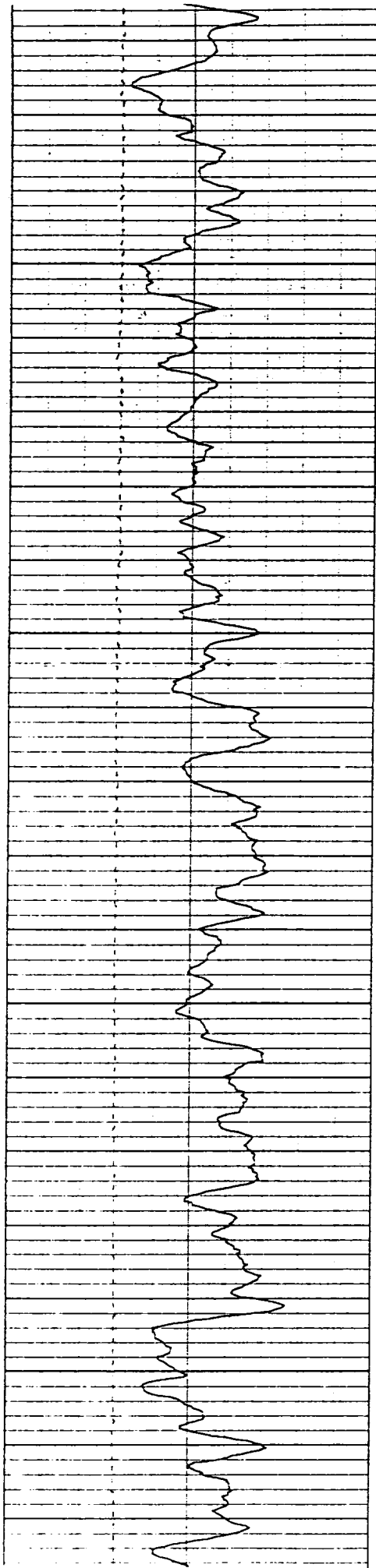
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CH

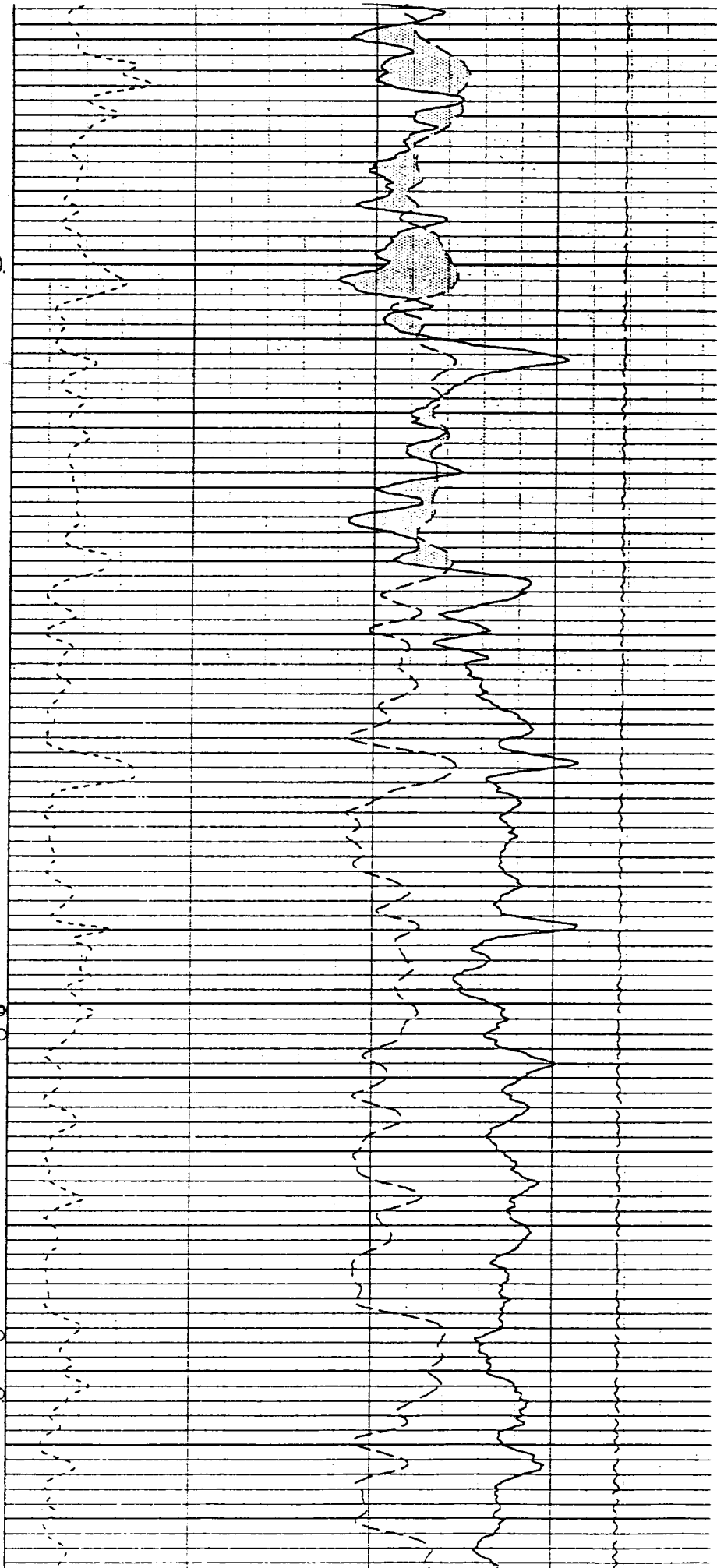
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meters



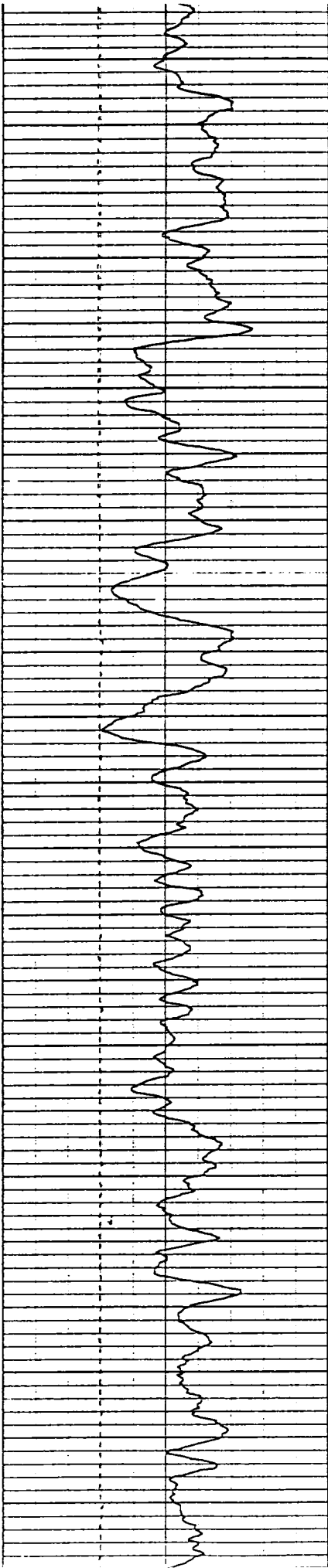




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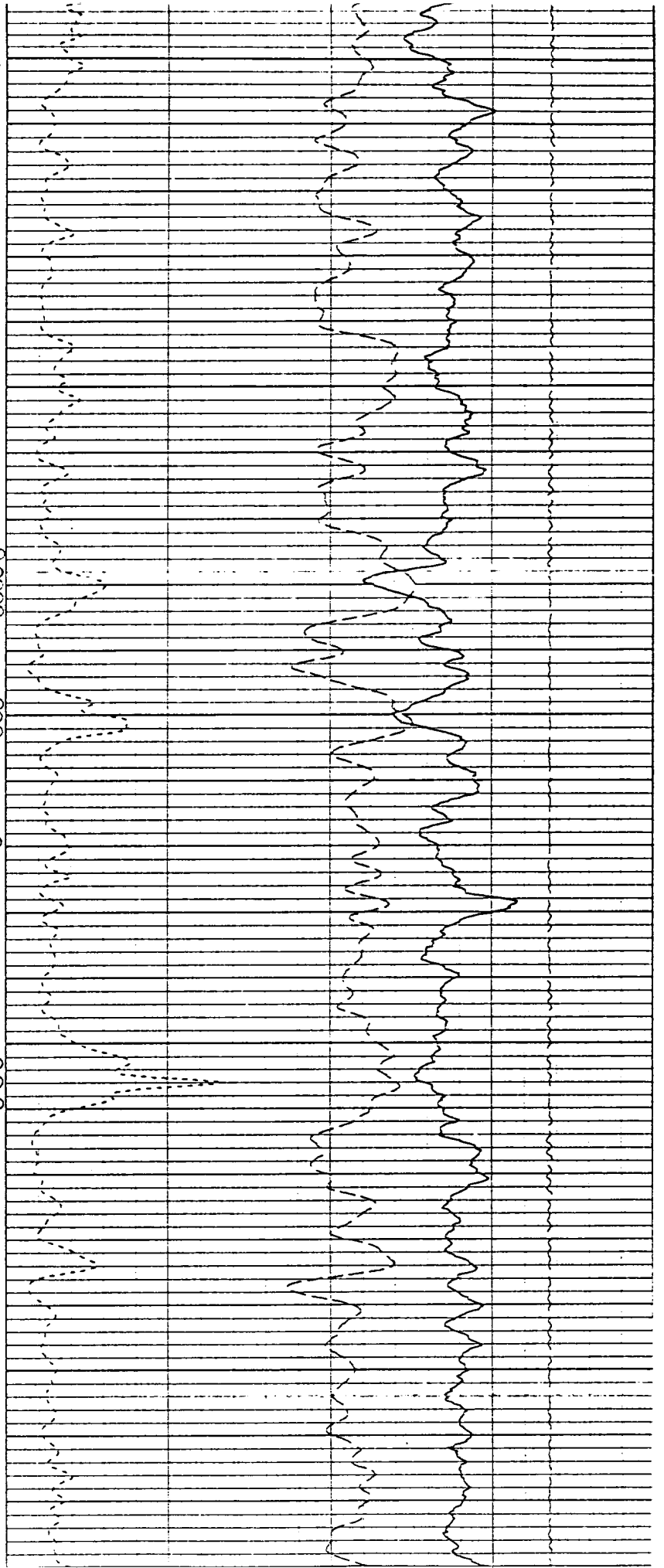
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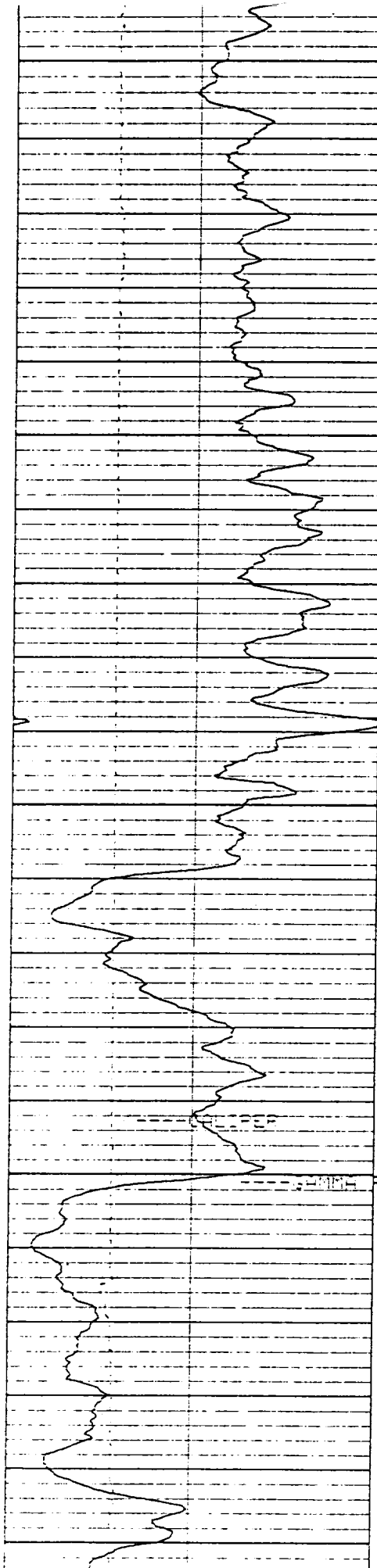


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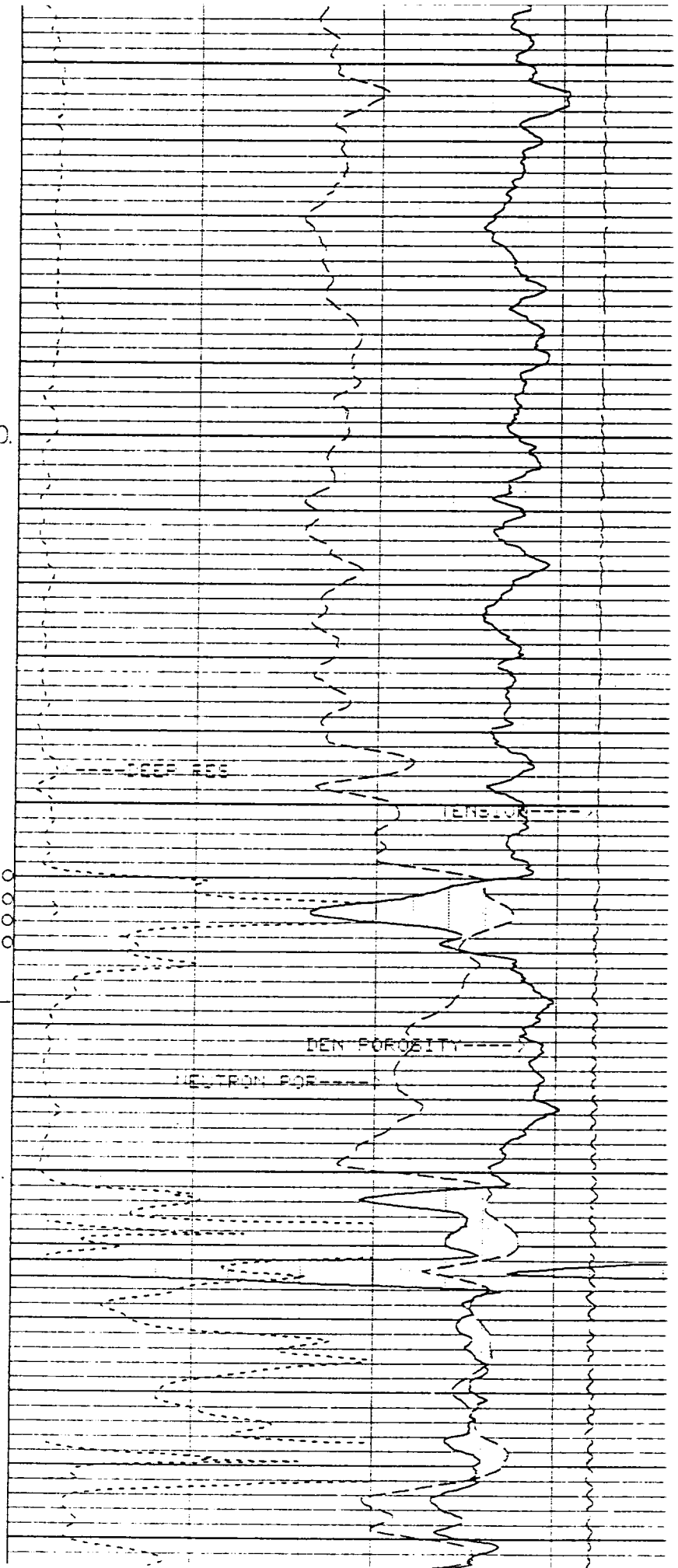




7900.

DK

7800.



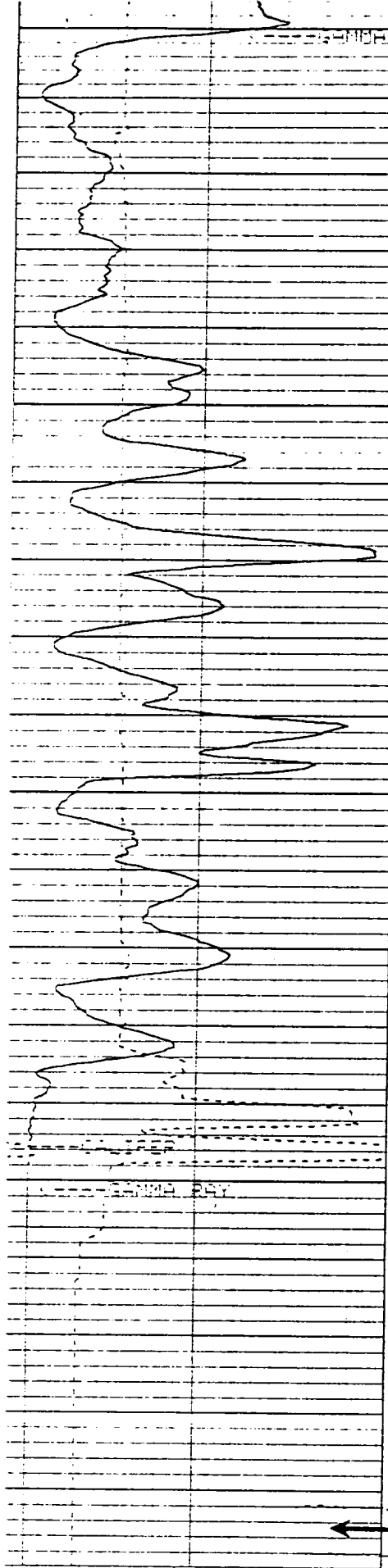
---DEEP RES

---TENSOR---

0
0
0
0

DEN POROSITY----

NEUTRON POR-----



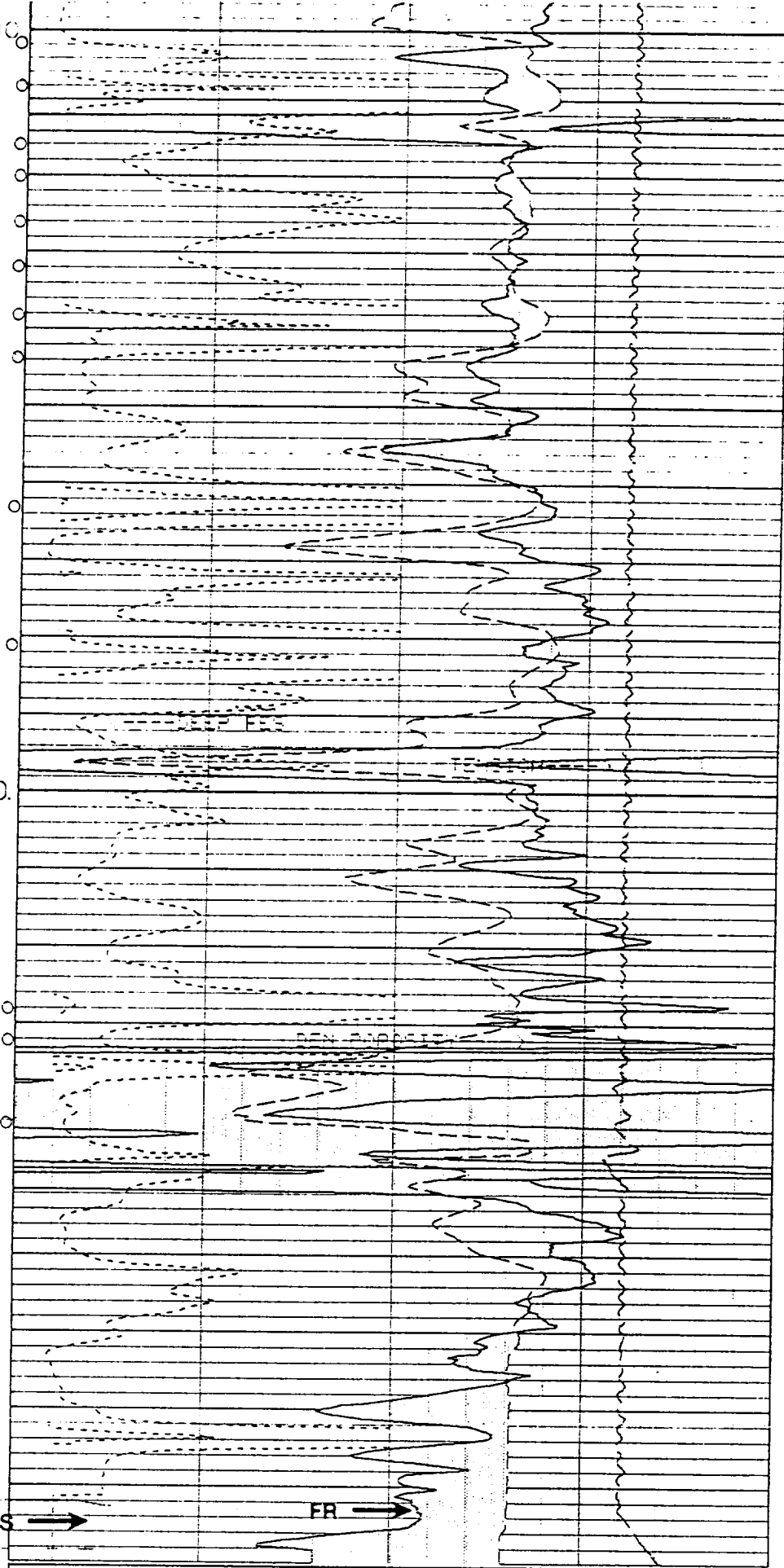
PA 8000

8100

Gamma Ray

← T.D. HLS →

FR →



DEEP RES

TENSION



LTR



Job separation sheet

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address WILLIAMS PRODUCITON COMPANY P. O. BOX 3102 TULSA, OK 74172		OGRID Number 016189 190782
Reason for Filing Code NW		
API Number 30-045-29373 039-25584	Pool Name BLANCO MV	Pool Code 72319
Property Code 008480	Property Name ROSA UNIT	Well Number #9A

II. Surface Location

UL or lot no. C	Section 11	Township 31N	Range 6W	Lot Idn	Feet from the 1250	North/South Line NORTH	Feet from the 2245	East/West line WEST	County RIO ARRIBA
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Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F									
Law Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	OG	POD ULSTR Location and Description
000408	GARY WILLIAMS ENERGY 310 17TH ST. SUITE 5300 DENVER CO 80202	2817886	O	
025244	WILLIAMS FIELD SERVICES ATTN: NANCY DEAN PO BOX 58900 2M3 SALT LAKE CITY UTAH 84158-0900	2817887	G	C 11 31N 6W

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OIL CON. DIV.
DIST. 3

IV. Produced Water

2817888	POD ULSTR Location and Description
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V. Well Completion Data

Spud Date 06/24/96	Randy Date 08/05/96	TD 8195'	PBTD 8173'	Perforations 5419 - 6059
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	
13-3/4"	10-3/4" 40.5#	SURFACE 544	335	
9-7/8"	7-5/8" 26.4#	SURFACE 3704	855	
6-3/4"	5-1/2" 17#	7432 3000' (SRV) 8195	445	
	1-1/4", 2.33#	6056'		

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date 08/17/96	Test Length 3 HRS	Tbg. Pressure 1007	Cog. Pressure 1007
Choke Size 3/4"	Oil	Water	Gas 2,008	AOF 6785	Test Method SPBPT

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: **LARREEN KIMBREL**

Title: **SR. OFFICE ASSISTANT**

Date: **September 18, 1996**

Phone: **918/588-4467**

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

37.8
SUPERVISOR DISTRICT #3

SEP 11 1996

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date