Case No
6906

Large Exhibits

U.S.N.R.C.F. MICROGRAPHICS
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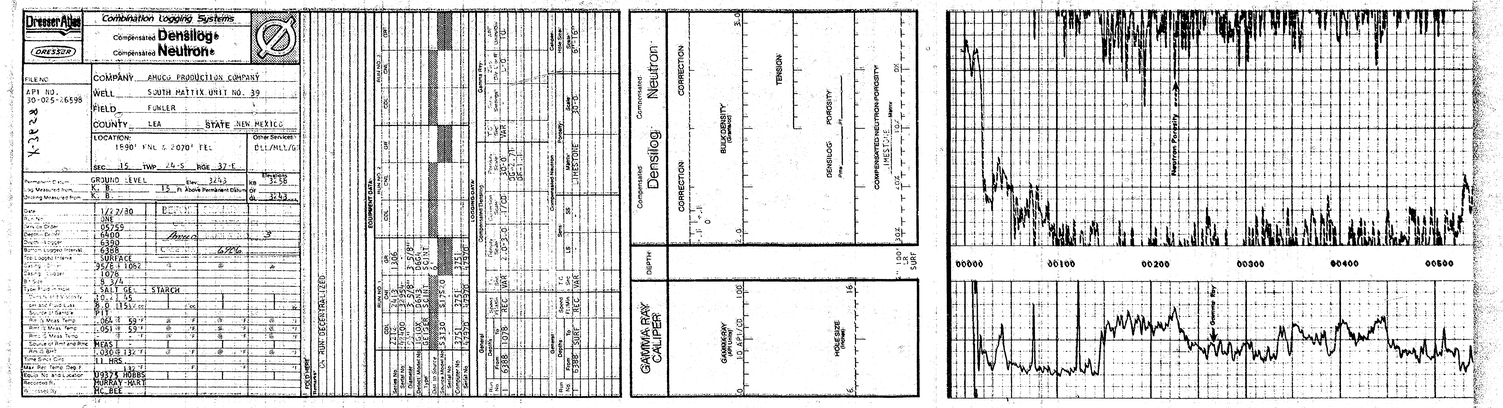
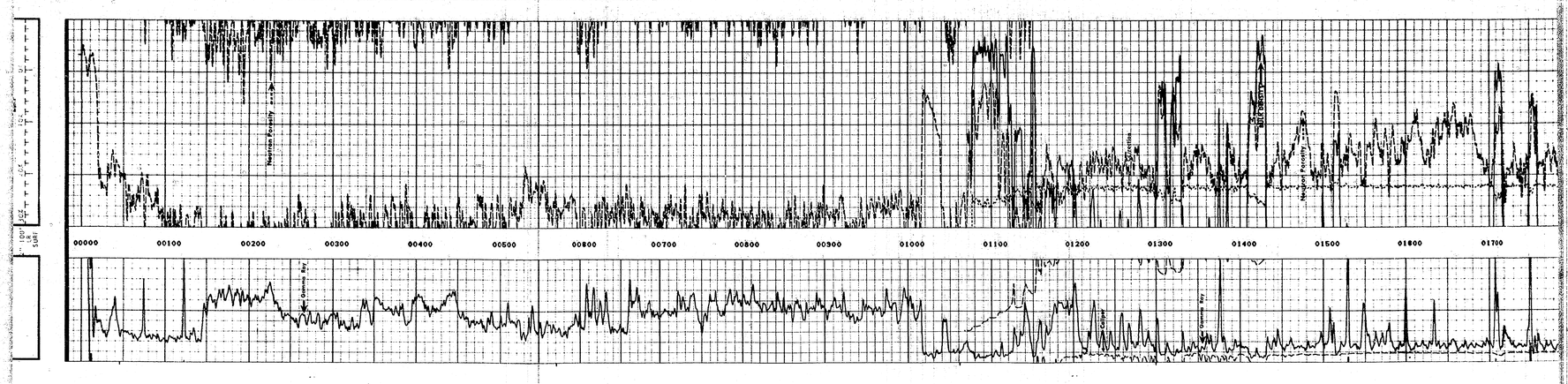

Dresser Atlas
Combination Logging Systems
Compensated Dual Spaced Neutron
Compensated Densilog
FILE NO.
API NO. 30-025-26598
COMPANY AMOCO PRODUCTION COMPANY
WELL SOUTH MATTIX UNIT NO. 39
FIELD FUNLER
COUNTY LEA STATE NEW MEXICO
LOCATION: 1980' FNL & 2070' FEL
SEC. 15 TWP. 24-S RGE. 37-E
Other Services: DLL/MLL/G
GROUND LEVEL Elev. 3243
K.B. 15 ft. Above Permanent Datum
Elevations: KB 3258 DF 3243 GL
Date 12/2/80
Run No. ONE
Depth-Driller 6400
Depth-Logger 6398
Bottom Logged Interval 6398
Top Logged Interval SURFACE
Casing-Driller 8 5/8 @ 1092
Casing-Logger 1076
Bit Size 7 7/8
Type Fluid in Hole SALT GEL - STARCH
Density and Viscosity 10.1 - 45
pH and Fluid Loss 9.0 - 15 cc
Source of Sample PIT
Rm @ Meas. Temp. .054 @ 59 °F
Rmf @ Meas. Temp. .051 @ 59 °F
Rmc @ Meas. Temp. - @ °F
Source of Rmf and Rmc MEAS
Rm @ BHT .036 @ 132 °F
Time Since Circ. 11 HRS
Max. Rec. Temp. Deg. F 132 °F
Equip. No. and Location U9324 HOBBS
Recorded By MURRAY-HART
Witnessed By MC. REE
DIS SHOT
CN JUNE DECENTRALIZED
EQUIPMENT DATA
RUN ONE
CDC 1306
CNC 1306
SGC 1306
CAL 1306
LOGGING DATA
Gamma Ray
Compensated Neutron
Compensated Densilog
Caliper



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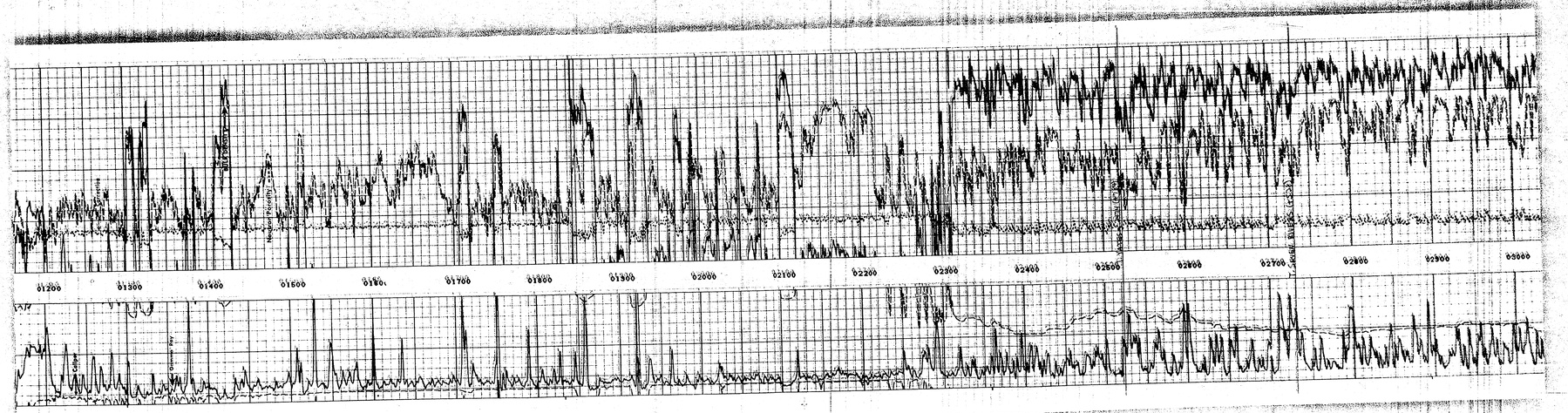

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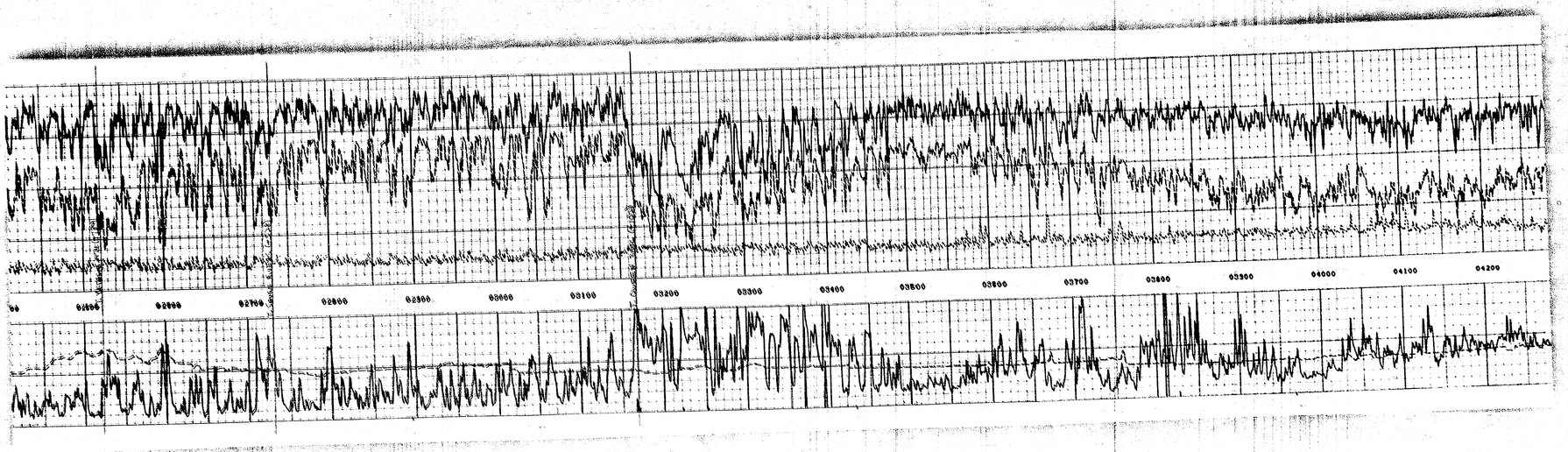

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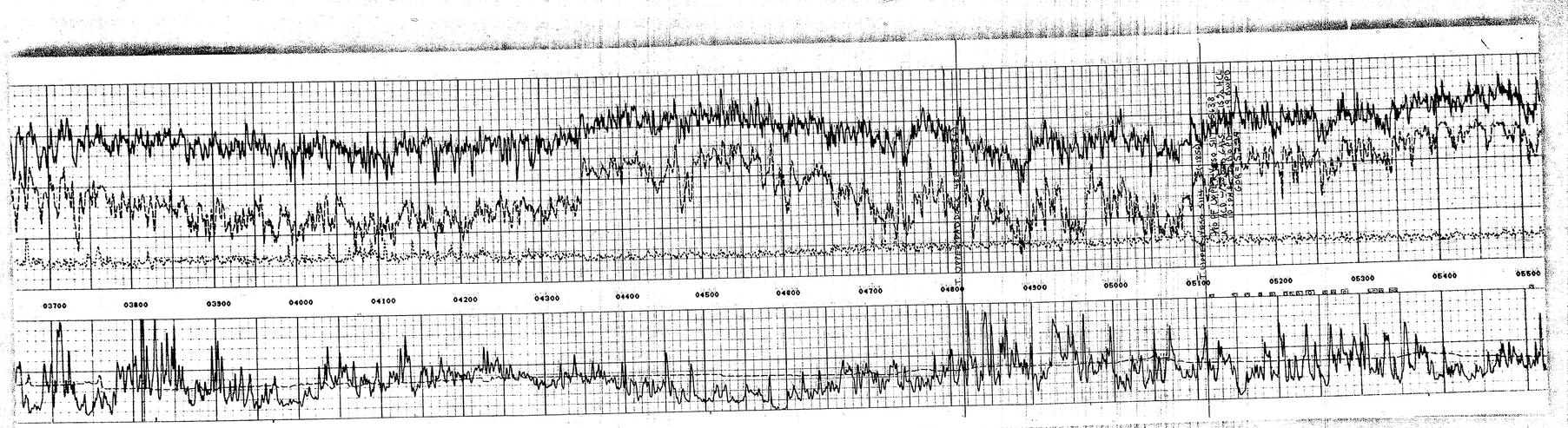

V.R.M.C.F. MICROGRAPHICS
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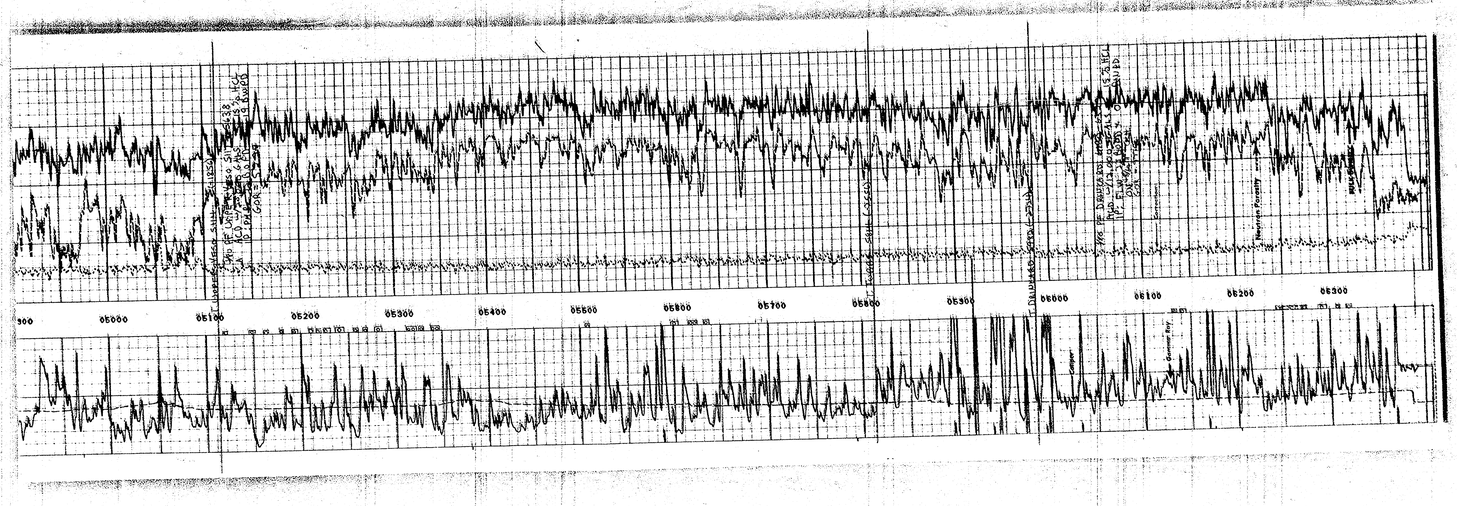

A.I.M.S.F. MICROGRAPHICS
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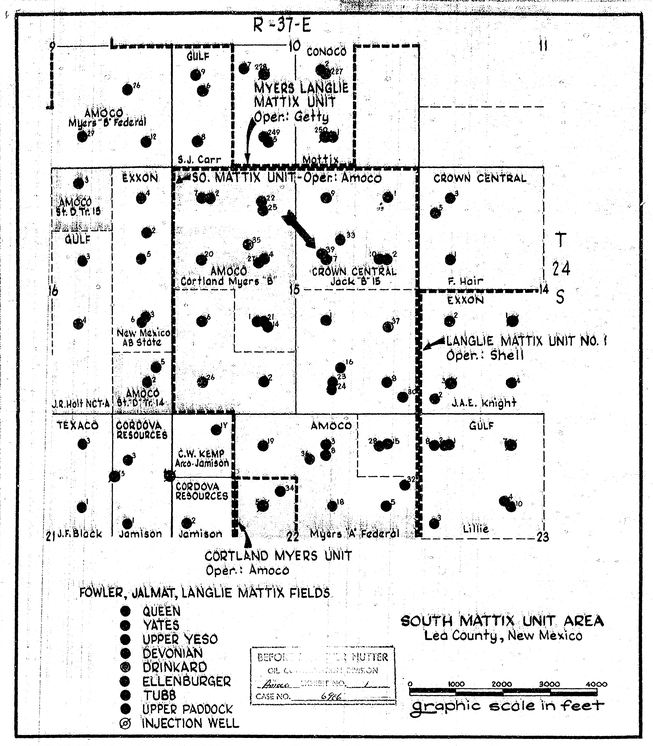

N.M.O.C.D. MICROGRAPHICS
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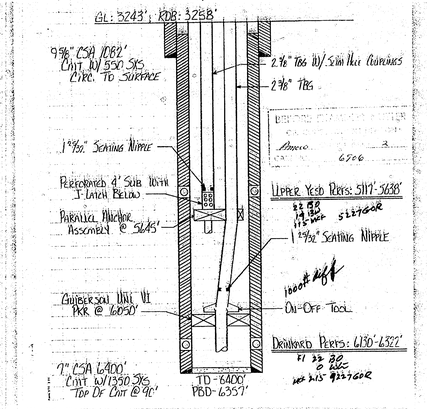
Amoco Production Company
ENGINEERING CHART

SUBJECT: SOUTH MATTIX UNIT
WELL NO 39

SHEET NO. OF
FILE
AFE#
DATE 5/19/80
BY HMB

LOCATION: 1880' FNL & 2000' FEL, SEC. 15, T-24-S, R-37-E
LEA COUNTY, NEW MEXICO

GL: 3243'; KDB: 3258'



U.S. DEPARTMENT OF COMMERCE
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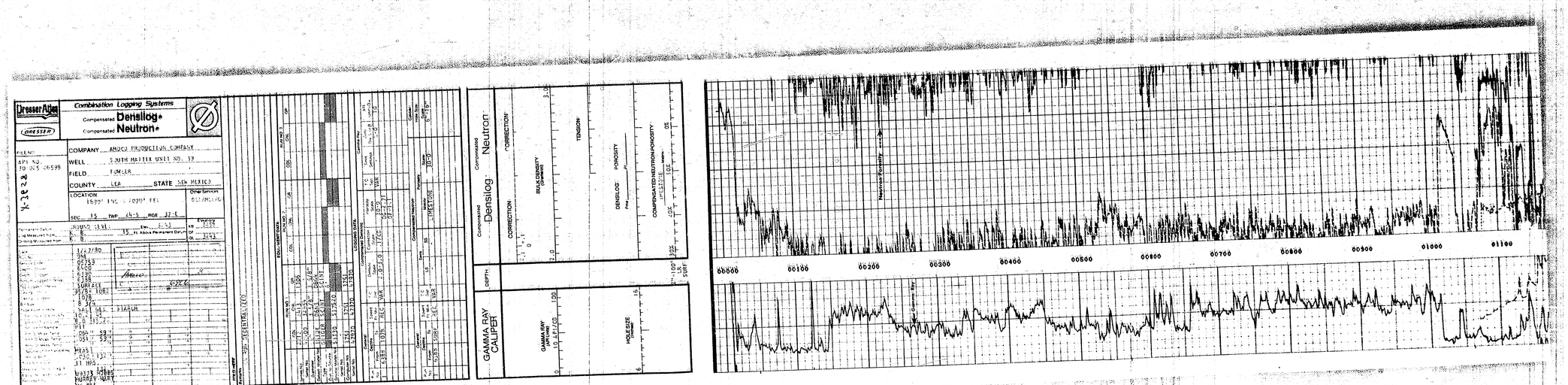

U.S.G.S. RECORDS
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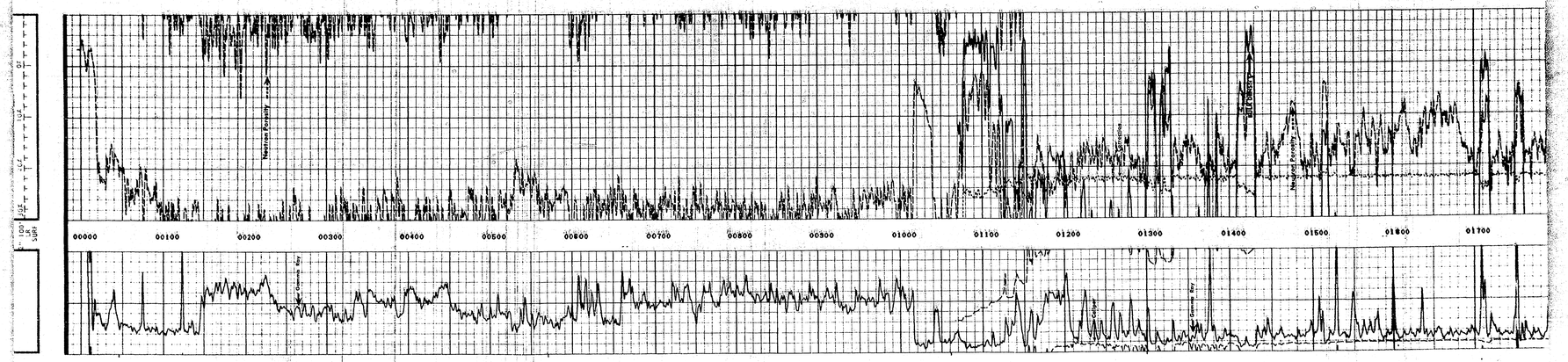

V.A.R.G.Y. MICROGRAPHICS
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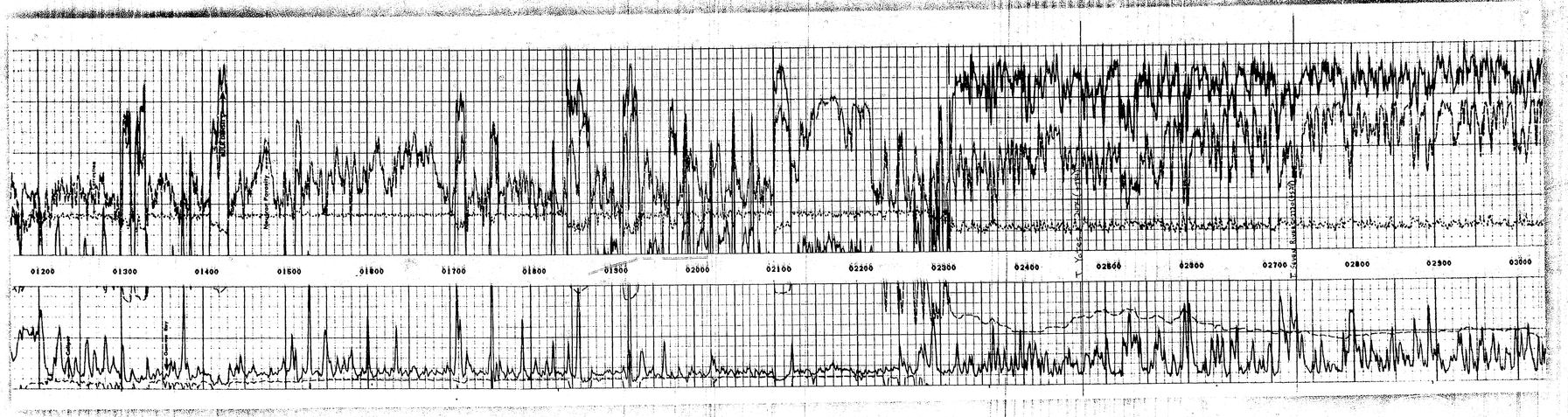

N.A.S.A.-C.F. MICROFRAMES

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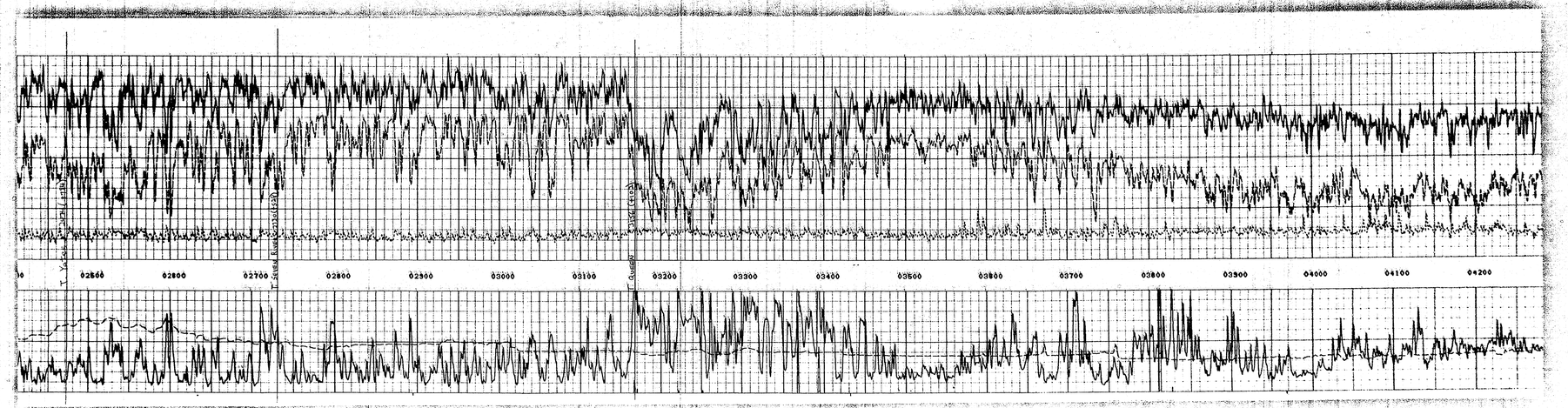

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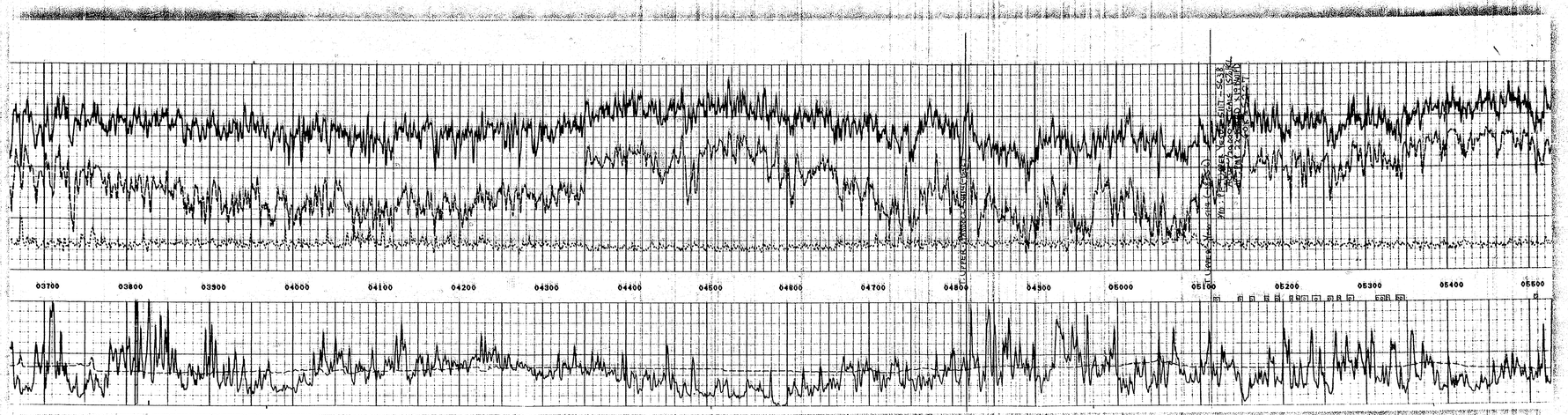

N.A.R.A.C.F. MICROGRAPHICS
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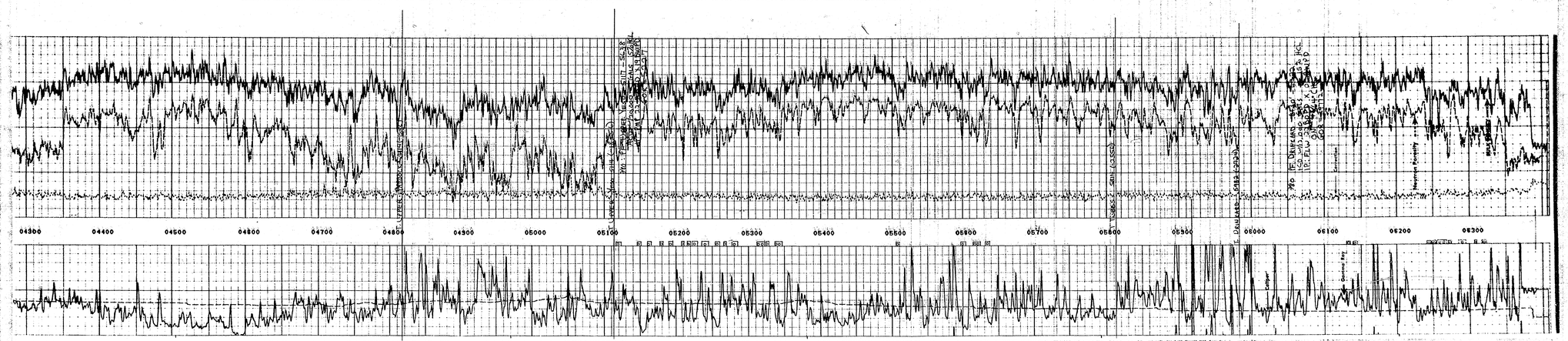
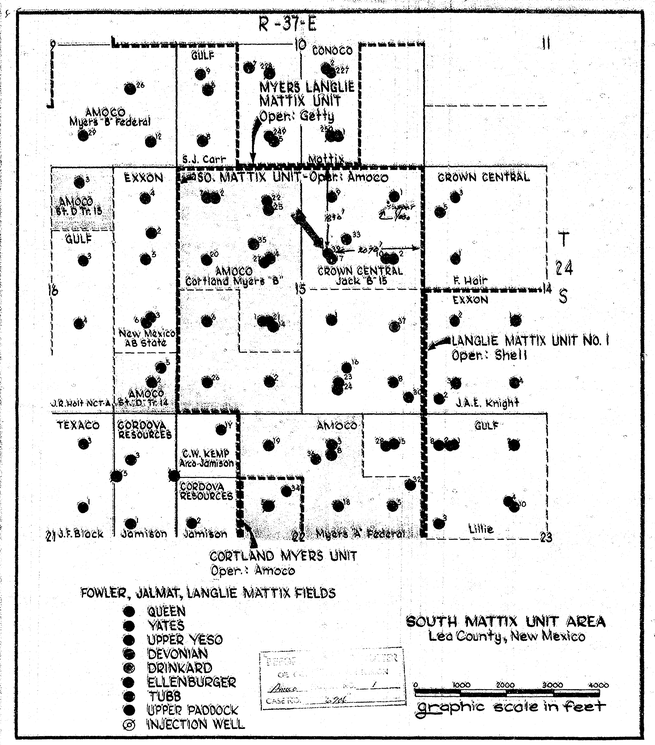


N.T.I.S. MICROFICHE
PRICE AVAILABLE FROM


R-37-E
10
11
9
GULF
CONOCO
MYERS LANGLIE MATTIX UNIT
Oper: Getty
AMOCO
Myers "B" Federal
S.J. Carr
Mattix
EXXON
SO. MATTIX UNIT - Oper: Amoco
CROWN CENTRAL
AMOCO
St. D Tr. 15
GULF
T
24
S
AMOCO
Cortland Myers "B"
CROWN CENTRAL
Jack "B" 15
F. Weir
18
15
14
EXXON
New Mexico
AB State
LANGLIE MATTIX UNIT No. 1
Oper: Shell
AMOCO
St. D Tr. 14
J.R. Holt NCT-A
J.A.E. Knight
TEXACO
GORDOVA RESOURCES
AMOCO
GULF
C.W. KEMP
Arco-Jamison
GORDOVA RESOURCES
21
J.F. Block
Jamison
Jamison
22
Myers "A" Federal
Lillie
23
CORTLAND MYERS UNIT
Oper.: Amoco
FOWLER, JALMAT, LANGLIE MATTIX FIELDS
QUEEN
YATES
UPPER YESO
DEVONIAN
DRINKARD
ELLENBURGER
TUBB
UPPER PADDOCK
INJECTION WELL
SOUTH MATTIX UNIT AREA
Lea County, New Mexico
0
1000
2000
3000
4000
graphic scale in feet

Dresser Atlas

DRESSER

Combination Logging Systems

Compensated Densilog®

Compensated Neutron®

FILE NO. X-3128

API NO. 30-025-26598

COMPANY AMOCO PRODUCTION COMPANY

WELL SOUTH MATTIX UNIT NO. 39

FIELD JUNLER

COUNTY LEA STATE NEW MEXICO

LOCATION 1890' FNL & 2070' FEL

Other Services DLL/MSFL/GR

SEC. 15 TWP. 24-S RGE. 37-E

Permanent Datum GROUND LEVEL Elev. 3243 Elevations: K.B. 3258 D.F. G.L. 3243

Log Measured From K.B. 15 Ft. Above Permanent Datum

Drilling Measured From K.B.

Date	12/27/80			
Run No.	ONE			TWO
Depth-Driller	6253			
Depth-Logger	6250			
Bottom Logged Interval	6230			
Top Logged Interval	6388			
Type Fluid in Hole	SALT GEL			
Salinity, PPM Cl	3570			
Density	10.0			
Viscosity	38			
pH	9.5			
Fluid Loss	6.4 cc			
Source of Sample	MIX			
Rm @ Meas. Temp.	.06 @ 59	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	.051 @ 59	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	MEAS	@ °F	@ °F	@ °F
Source of Rmf and Rmc	MEAS			
Rm @ BHT	.039 @ 132	@ °F	@ °F	@ °F
Time Since Circ.	11 HRS			
Max. Rec. Temp. Deg. F	132			
Equipment No. and Location	03373 HOBBS			
Recorded By	MURRAY/BERT			
Witnessed By	MC BEE			

EQUIPMENT DATA — RUN NO. 1: DIL 1358 / 1450 / 2452 / 6250 / 6230 / 6388 / 6168 / 3570 / 10.0 / 38 / 9.5 / 6.4 / MEAS / .039 @ 132 / 11 HRS / 3373 HOBBS / MURRAY/BERT / MC BEE; RUN NO. 2: DIL 1358 / 1450 / 2452 / 6253 / 6230 / 6388 / 6168 / 3570 / 10.0 / 38 / 9.5 / 6.4 / MEAS / .039 @ 132 / 11 HRS / 3373 HOBBS / MURRAY/BERT / MC BEE

LOGGING DATA — RUN NO. 1: 12/27/80 / 1430 / 6253 / 6250 / 6388 / 6168 / 3570 / 10.0 / 38 / 9.5 / 6.4 / MEAS / .039 @ 132 / 11 HRS / 3373 HOBBS / MURRAY/BERT / MC BEE; RUN NO. 2: 12/28/80 / 0115 / 6253 / 6250 / 6388 / 6168 / 3570 / 10.0 / 38 / 9.5 / 6.4 / MEAS / .039 @ 132 / 11 HRS / 3373 HOBBS / MURRAY/BERT / MC BEE

Witnessed By: MR. MCBEE

Compensated Densilog / Neutron

CORRECTION 0.1 0 1.0

BULK DENSITY (Gm/cc) 1.95 3.0

TENSION 1000 LBS 0

DENSILOG POROSITY Fm ____ Pf ____

COMPENSATED NEUTRON POROSITY LIMESTONE Matrix 0% 30%

DEPTH 100 5 INCH

GAMMA RAY CALIPER

GAMMA RAY (API Units) 0 10 API/CM 100

HOLE SIZE (Inches) 6 16

Neutron Porosity

Gamma Ray

00000 00100 00200 00300 00400 00500

N.M.O.C.D. MICROGRAPHICS

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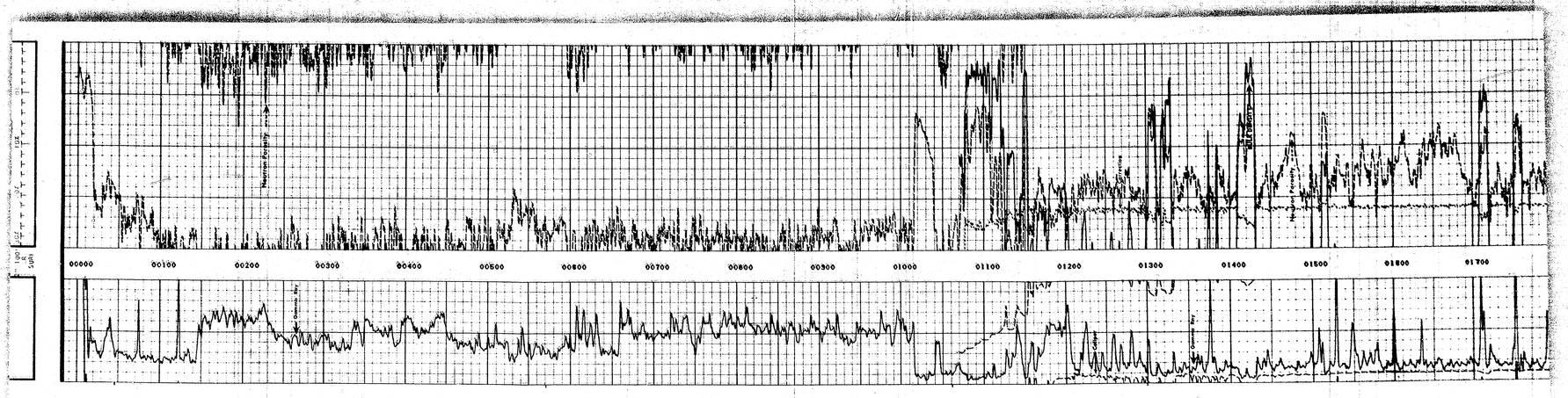

U.S.G.S. MICROGRAPHICS

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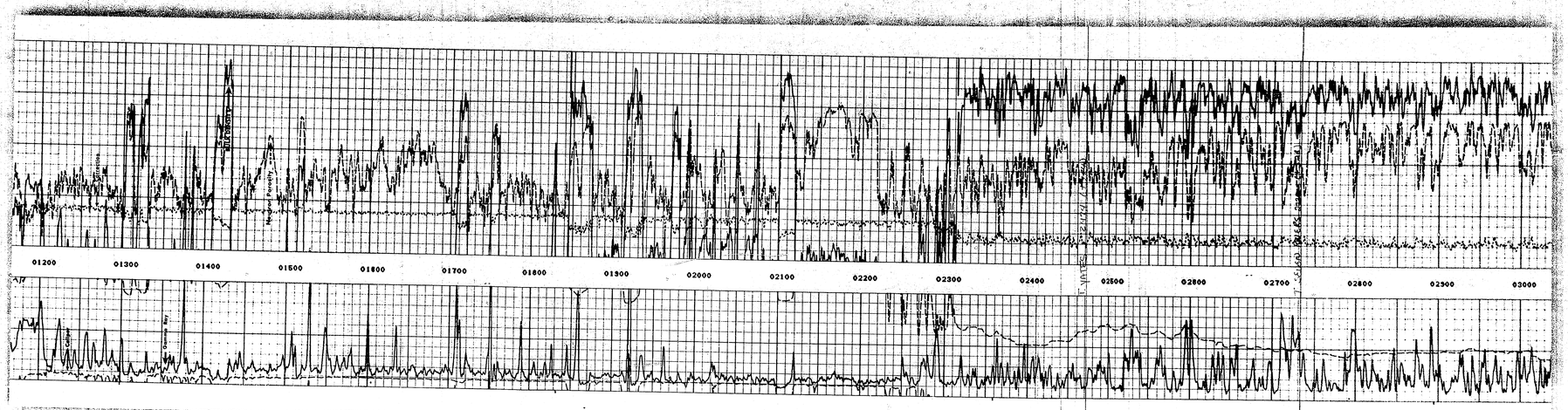

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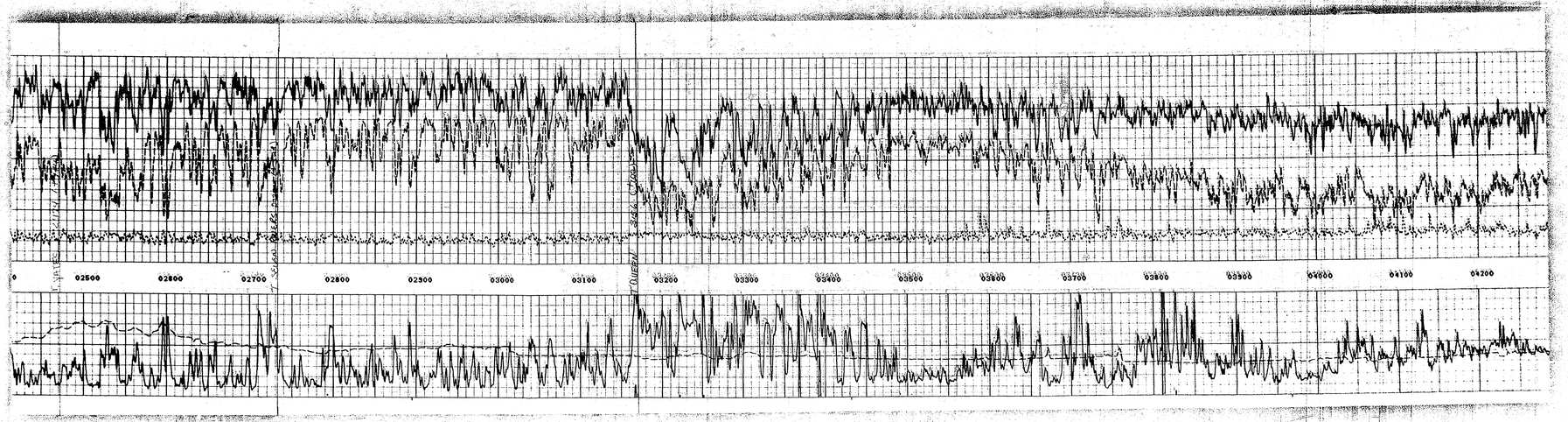
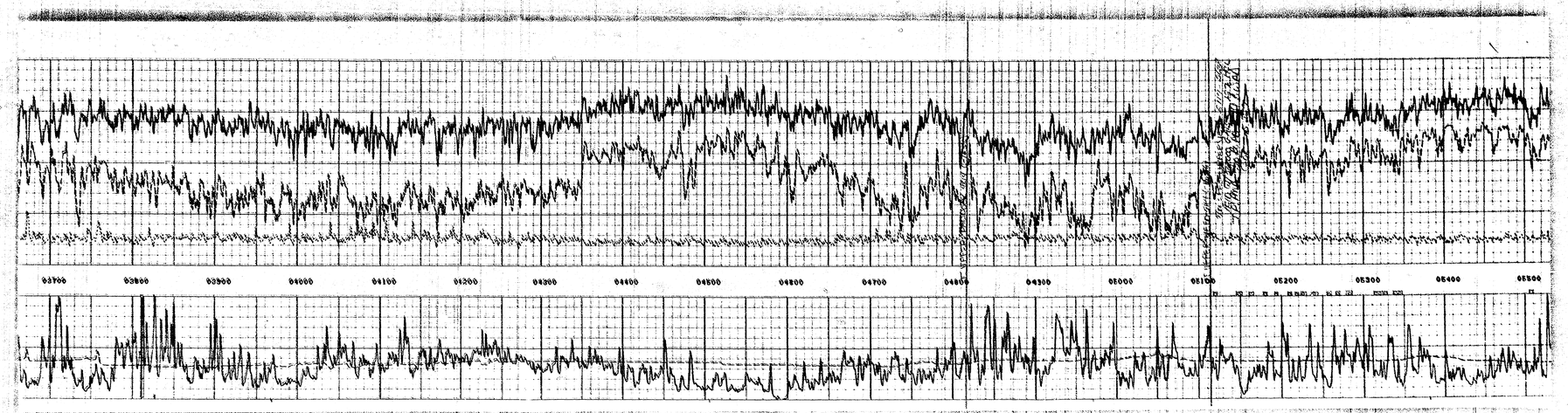


N.A.M.A.F. MICROGRAPHICS



U.M.I.
MICROFORMS
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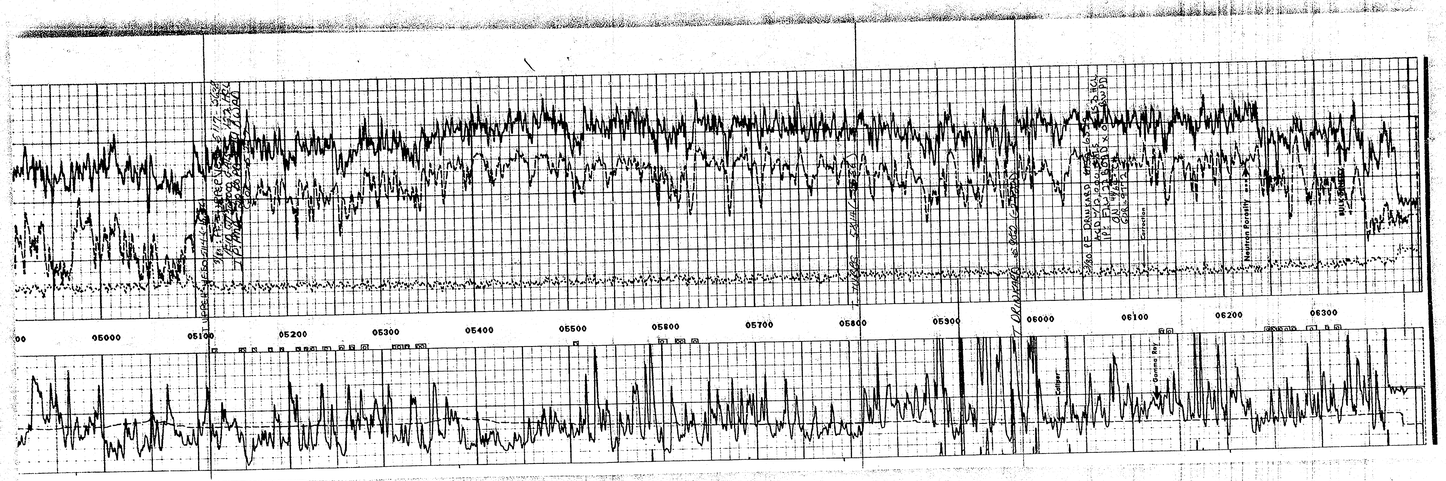

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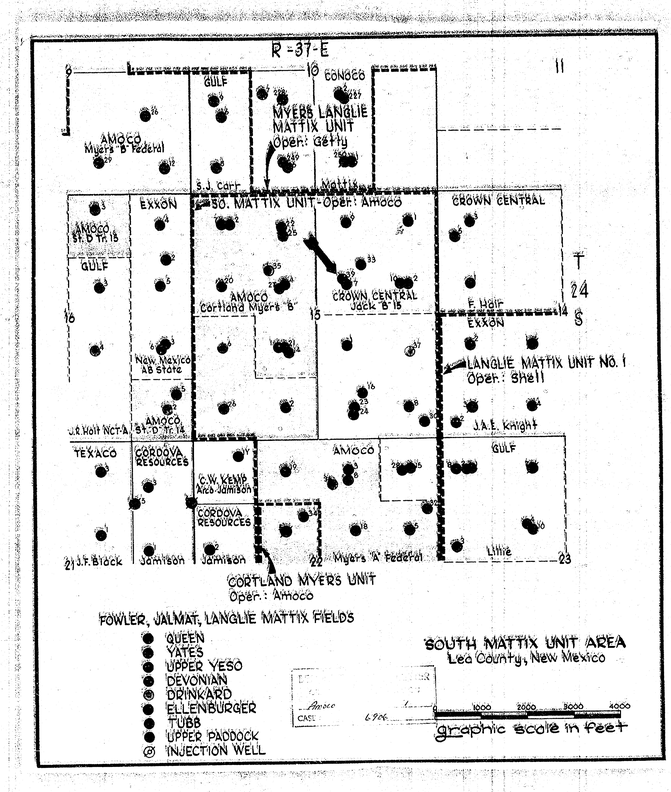


N.M.O.C.C. MICROGRAPHICS
ROSWELL, NEW MEXICO

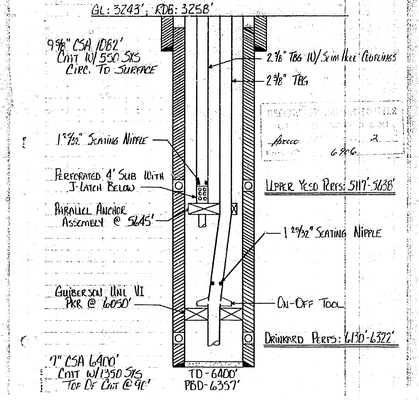
Amoco Production Company
ENGINEERING CHART

SHEET NO. OF
FILE
APPR.
DATE 5/19/80
BY JAMB

SUBJECT South Mattix Unit
Well No. 39

Location: 1840' FNL & 2098' FEL, Sec. 15, T-24-S, R-37-E
Lea County, New Mexico

GL: 3243', KDB: 3258'



N.M.O.C.C. MICROGRAPHICS

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