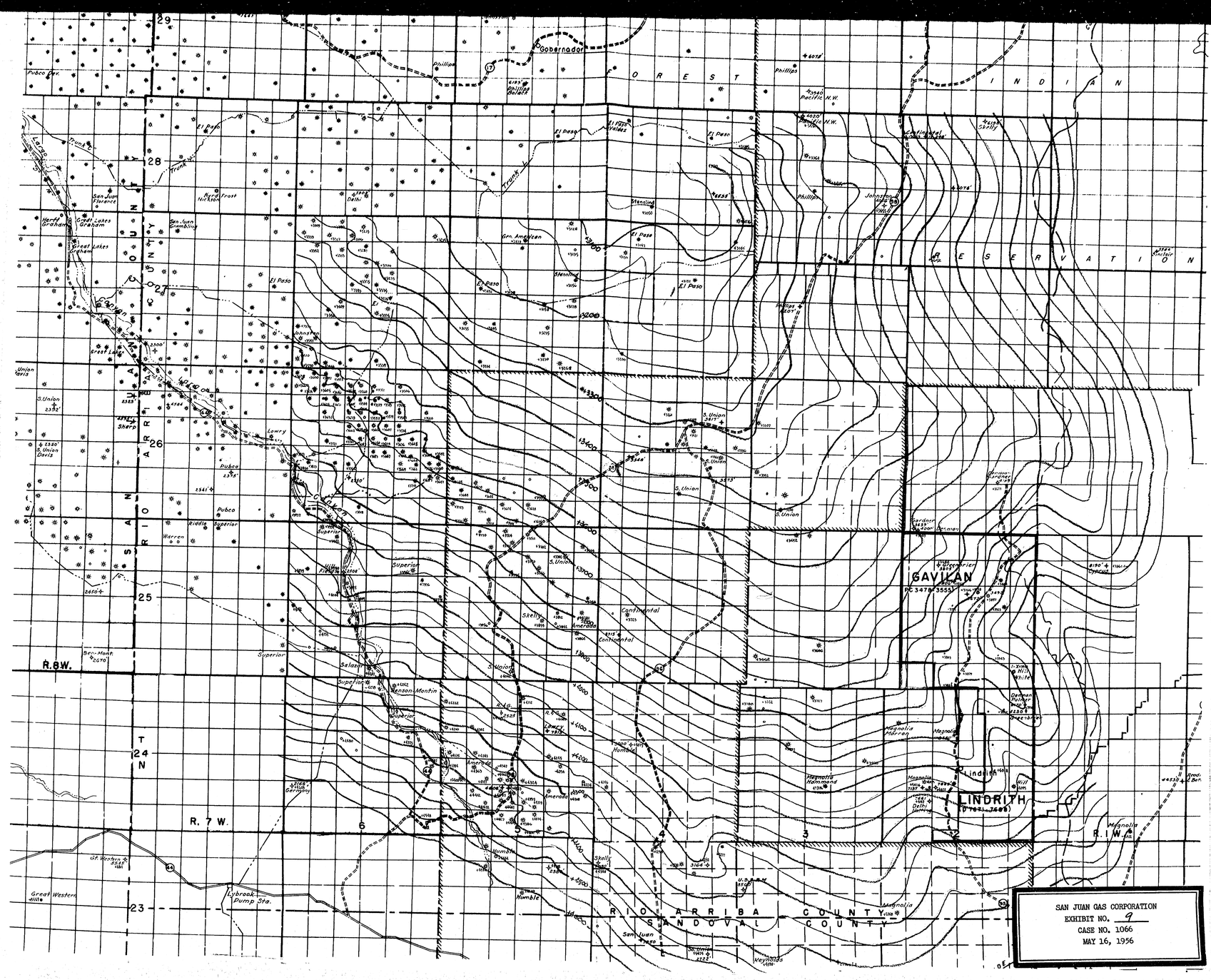
Case No.

1066

Large Exhibits

W.N.H.C.F. MICROGRAPHICS

BEST AVAILABLE COPY



SAN JUAN GAS CORPORATION
EXHIBIT NO. 9
CASE NO. 1066
MAY 16, 1956

W.N.M.C.F. MICROGRAPHICS

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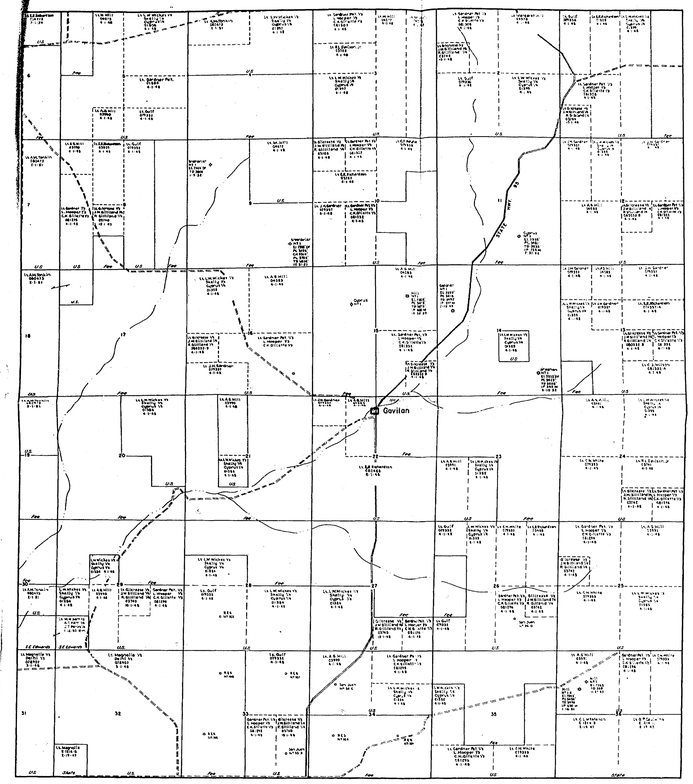
STATE NEW MEXICO COUNTY RIO ARRIBA TOWNSHIP 25 NORTH RANGE 2 WEST

Magnolia Lindrith Unit Includes Sects.: 31, 32

Gavilan PC Gas Pool Includes Sects.: 10 NE/4, 11 SW, 14, 15, 22 NE/4, 23 N½

BEFORE THE
OIL CONSERVATION DIVISION
CASE EX. No. 4
PX-43
DATE 12-3-6

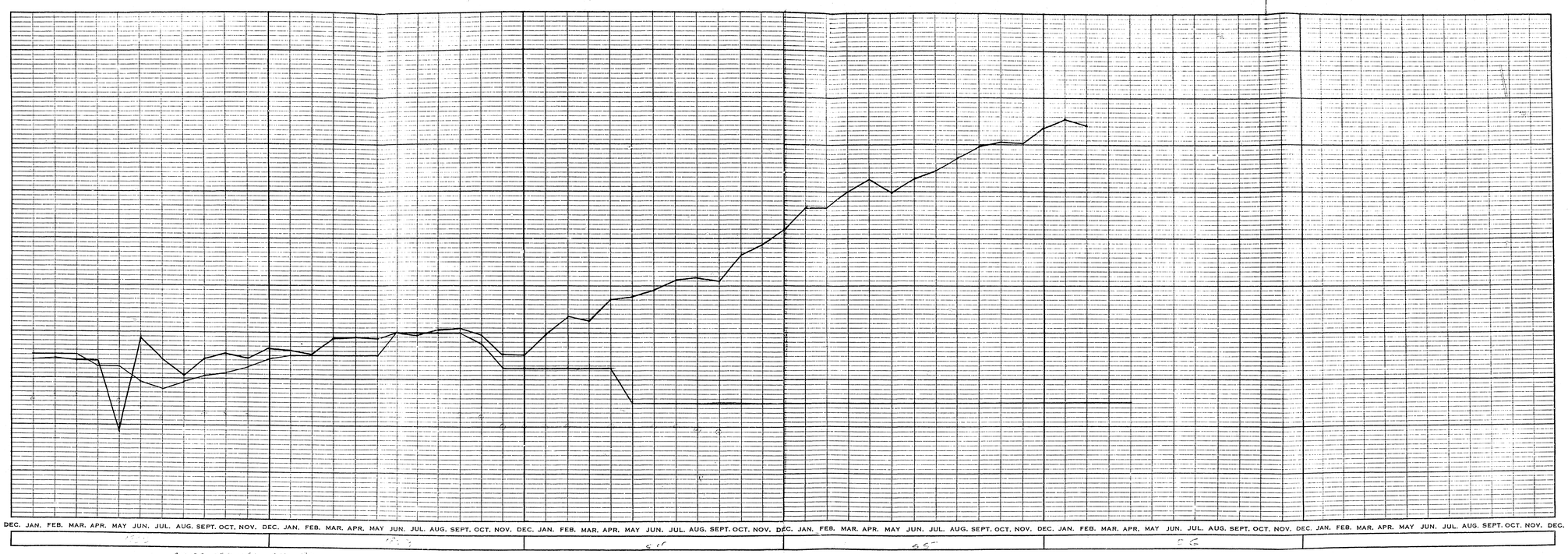


MOUNTAIN STATES MAPPING CO., INC.
BOX 1299 SANTA FE, NEW MEXICO

SCALE 1" = 1 MILE
MAP NO. T 25 N R 2 W

M.S.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

KEUFFEL & ESSER CO. NEW YORK
NO. 4455. THREE YEARS BY MONTHS X 100 DIVISIONS.



W.N.M.C.F. MICROGRAPHICS

BEST AVAILABLE COPY

STATE NEW MEXICO COUNTY RIO ARRIBA TOWNSHIP 24 NORTH RANGE 2 WEST

Mangotsi Lindrith Unit Includes Secs. 3 entire, 4,5,6,7,8,9,10 W½, 15 W½, 16,17,18,19,20,21 32 W½, 28, 29, 30, 31, 32 SW¼ W.

Lindrith Dr. Co. Pool includes Secs. 20,21, 28, 29

Lindrith

MOUNTAIN STATES MAPPING CO., INC.
BOX 1989 SANTA FE, NEW MEXICO

MAP NO. NW 24 - 2

M.S.H.C.F. MICROGRAPHICS
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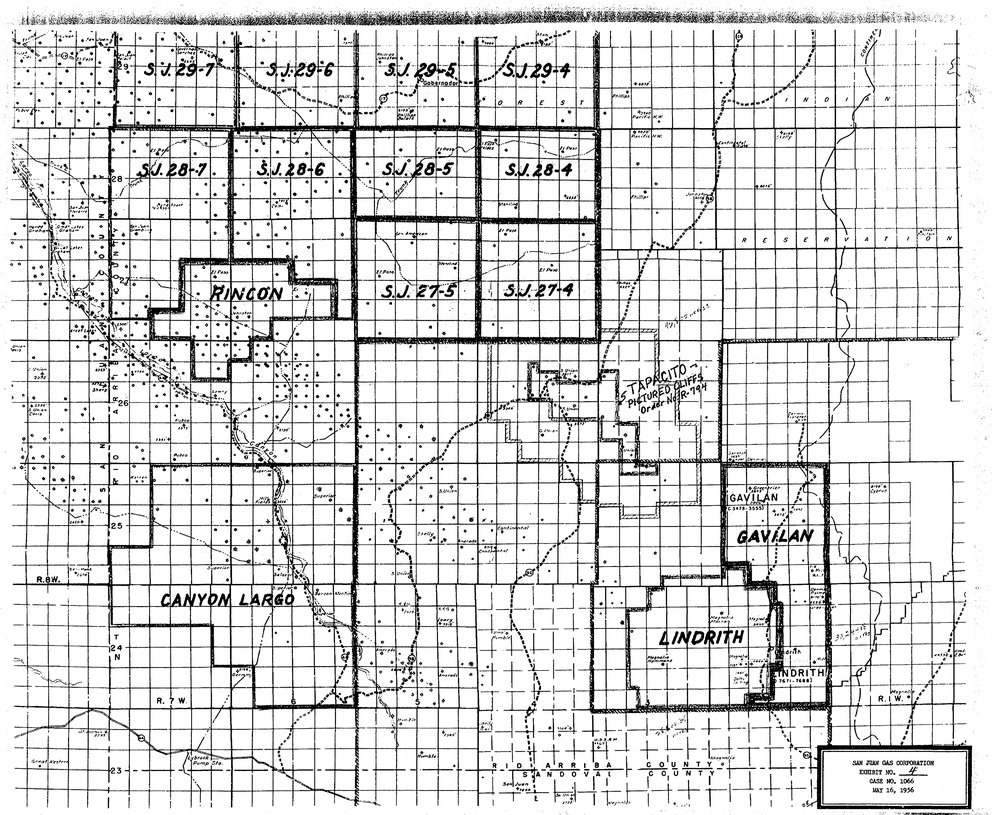
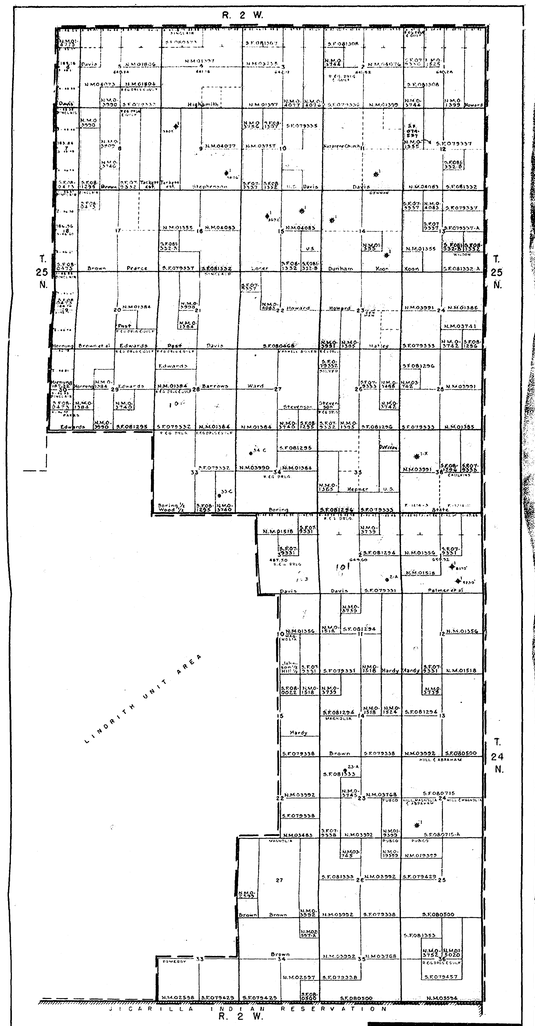


SAN JUAN GAS CORPORATION
EXHIBIT NO. 4
CASE NO. 1066
MAY 16, 1956

W.S.H.C.F. MICROGRAPHICS
BEST AVAILABLE COPY



LEGEND

	AGREAGE	PERCENT
FEDERAL LANDS	20,023.94	66.21 %
STATE LANDS	320.00	1.06 %
PATENTED LANDS	9,900.24	32.73 %
TOTAL	30,244.18	100.00%

BOUNDARY UNIT AREA

(17) TRACT NUMBERS FROM EXHIBIT "B"

NOTE: ☐ SAN JUAN GAS CORPORATION holds Operating Rights, wholly or in part, to base of Mesaverde formation (for details see Exhibit "B") in all land within unit area unless such ownership is otherwise shown. 24,194.7 acres 79.95%

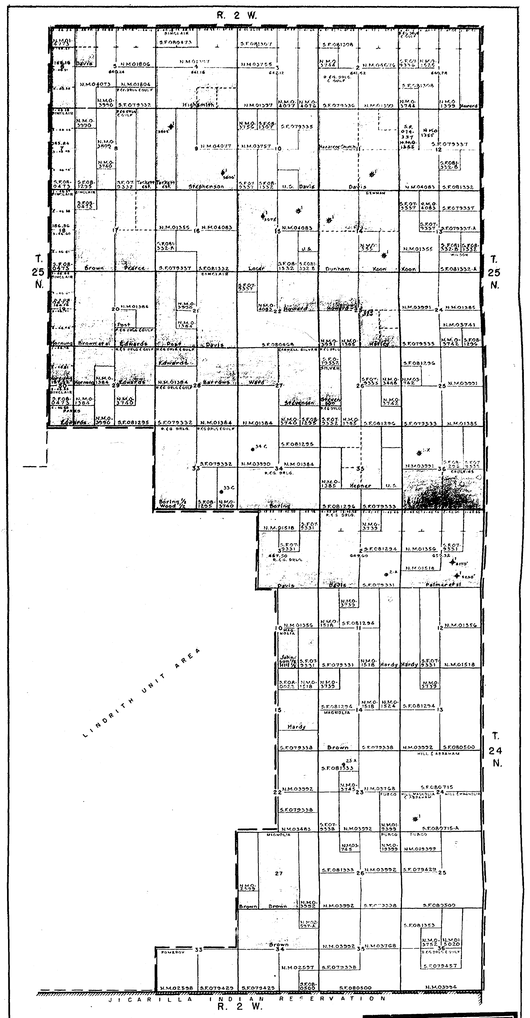
SAN JUAN GAS CORPORATION
EXHIBIT NO. 2
CASE NO. 1066
MAY 16, 1956

EXHIBIT "A"

GAVILAN UNIT AREA

RIO ARRIBA COUNTY, NEW MEXICO

SCALE 2" = 1 MILE



LEGEND

	AGREAGE	PERCENT
FEDERAL LANDS	20,023.94	66.21 %
STATE LANDS	320.00	1.06 %
PATENTED LANDS	9,900.24	32.73 %
TOTAL	30,244.18	100.00%

BOUNDARY UNIT AREA

(17) TRACT NUMBERS FROM EXHIBIT "B"

NOTE: SAN JUAN GAS CORPORATION holds Operating Rights, wholly or in part, to base of Mesaverde formation (for details see Exhibit "B") in all land within unit area unless such ownership is otherwise shown.

SAN JUAN GAS CORPORATION
EXHIBIT NO. 3
CASE NO. 1066
MAY 16, 1956

EXHIBIT "A"

GAVILAN UNIT AREA

RIO ARRIBA COUNTY, NEW MEXICO

SCALE 2" = 1 MILE

W.N.M.C.F. MICROGRAPHICS
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R. & G. DRLG. CO.
R. & G. # 102
28 - 25N - 2W

SAN JUAN GAS CORP.
FED. # 34-C
34 - 25N - 2W

SAN JUAN GAS CORP.
FED. # 2-B
2 - 24N-2W

GREENBRIER OIL CO.
PALMER # 1
1 - 24N - 2W

+6270
+5800
+5300
+4800
+4700

Top of Pictured Cliffs

Top of Fruitland Coals

NORTHWEST - SOUTHEAST CROSS SECTION
GAVILAN UNIT AREA
HORIZONTAL SCALE 1 MILE = 8
VERTICAL SCALE 2" = 100

SAN JUAN GAS CORPORATION
EXHIBIT NO. 10
CASE NO. 1066
MAY 16, 1956

W.S.M.C.F. MICROGRAPHICS
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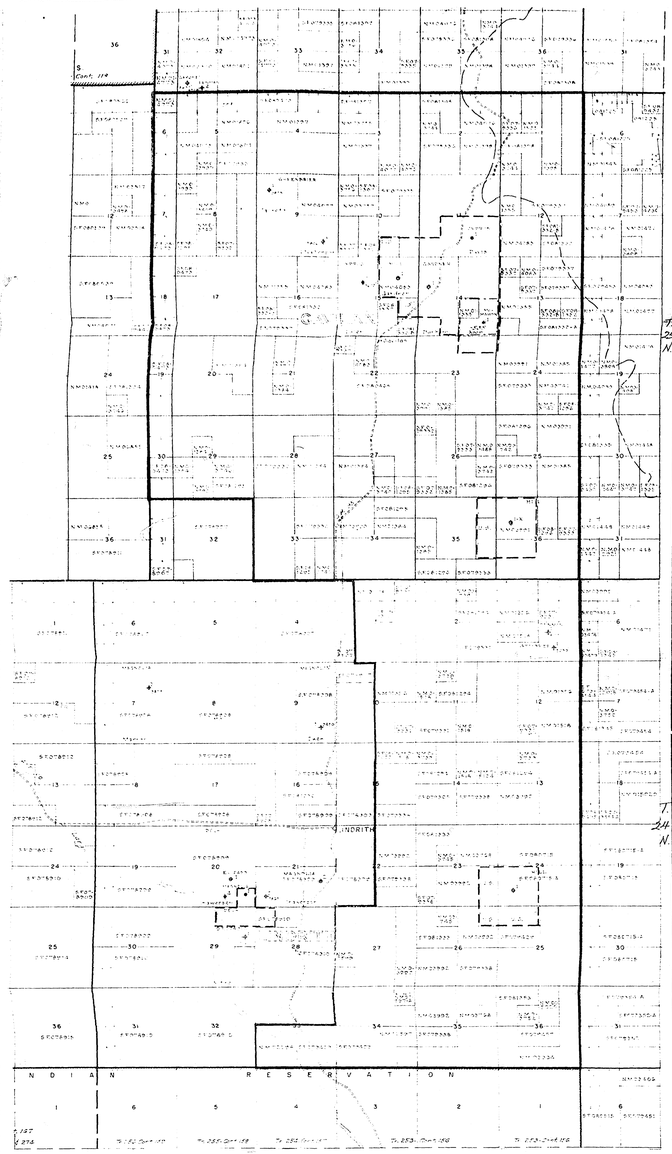

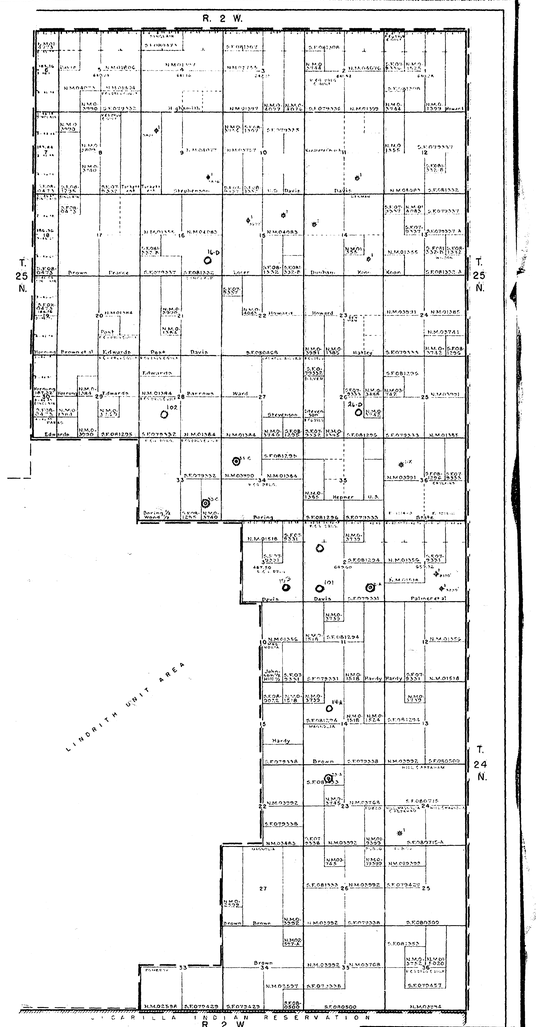

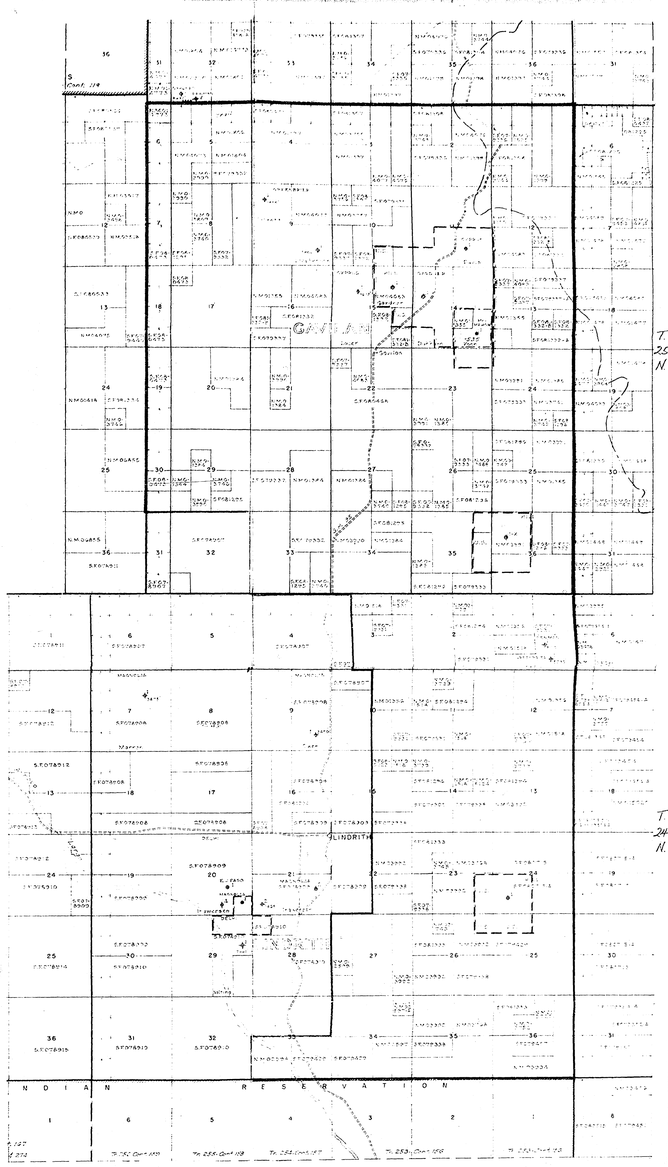

R. 2 W.

R. 2 W.

R. 2 W.

REVISIONS		
SUBJECT	DATE	REVISED BY

REVISIONS		
SUBJECT	DATE	REVISED BY

LEGEND

	ACREAGE	PERCENT
FEDERAL LANDS	20,213.94	66.21 %
STATE LANDS	320.00	1.06 %
PATENTED LANDS	9,900.24	32.73 %
TOTAL	30,244.18	100.00%

BOUNDARY UNIT AREA

(17) TRACT NUMBERS FROM EXHIBIT "B"

NOTE: SAN JUAN GAS CORPORATION holds Operating Rights, wholly or in part, to base of Mesaverde formation (for details see Exhibit "B") in all land within unit area unless such ownership is otherwise shown.

SAN JUAN GAS CORPORATION
EXHIBIT NO. 1
CASE NO. 1066
MAY 16, 1956

EXHIBIT "A"

GAVILAN UNIT AREA

RIO ARRIBA COUNTY, NEW MEXICO

SCALE 2" = 1 MILE

BOUNDARY OF PROPOSED GAVILAN UNIT AREA

SCALE-MILES

V.R.R.C.F. XEROGRAPHICS

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SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

COUNTY RIO ARRIBA, N.M. | FIELD OR LOCATION GAVALIN | WELL PRICE 23-A | COMPANY SAN JUAN GAS CORPORATION

COMPANY	SAN JUAN GAS CORPORATION
WELL	PRICE 23-A
FIELD	GAVALIN
LOCATION	SEC. 23-24N-2W
COUNTY	RIO ARRIBA
STATE	NEW MEXICO

Location of Well: 830' FR W/L, 1680' FR N/L, SEC. 23-24N-2W

ES

Elevation: D.F. 7281, K.B. 7282, or G.L. 7274

FILING No.

RUN No.	ONE
Date	4/15/56
First Reading	3316
Last Reading	3135
Feet Measured	2181
Csg. Schlum.	135
Csg. Driller	135
Depth Reached	3317
Bottom Driller	3315
Depth Datum	KB
Mud Mat.	GEL-GEL
Density	9.2
Viscosity	45
Resist.	4.6@62° F
Res. Bht	3.0@120° F
pH	7.5
Wtr. Loss	CC 30 min.
Max. Temp. °F	120
Bit Size	7 7/8"
Sonde—Ank.	16"
A.M.	64"
A.O.	18'8"
Opr. Rig Time	2 1/2 HRS
Truck No.	1716FARM
Recorded By	WILCOX
Witnessed By	LAWSON

SAN JUAN GAS CORPORATION EXHIBIT NO. #4 CASE NO. 1066 MAY 16, 1956

RUN ONE MUD FROM FLOW LINE

REMARKS

RESISTIVITY -ohms. m²/m — LONG NORMAL 100 0 1000

RESISTIVITY -ohms. m²/m — NORMAL 100 0 1000 — LATERAL 100 0 1000

DEPTHS 100' — 0552 / 0102

SPONTANEOUS POTENTIAL millivolts — 10 / 0

0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300

SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

COUNTY RIO ARRIBA, N.M. | FIELD OR LOCATION WILDCAT | WELL FEDERAL #26 D | COMPANY SAN JUAN GAS CORPORATION

COMPANY	SAN JUAN GAS CORPORATION
WELL	FEDERAL #26 D
FIELD	WILDCAT
LOCATION	SEC. 26-25N-2W
COUNTY	RIO ARRIBA
STATE	NEW MEXICO

Location of Well: 1370' FR S/L, 1820' FR E/L, SEC. 26-25N-2W

ES

Elevation: D.F. 7431', K.B. 7443', or G.L. 7432'

FILING No.

RUN No.	ONE
Date	4-7-56
First Reading	3611
Last Reading	3111
Feet Measured	3511
Csg. Schlum.	111
Csg. Driller	111
Depth Reached	3622
Bottom Driller	3622
Depth Datum	KB
Mud Mat.	GEL GEL
Density	9.4
Viscosity	40
Resist.	5.4@58° F
Res. Bht	3.0@105° F
pH	7.5
Wtr. loss	CC 30 min.
Max. Temp. °F	105
Bit Size	7 7/8"
Sonde—Ank.	16"
A.M.	64"
A.O.	18'8"
Opr. Rig Time	1 HR
Truck No.	1716FARM
Recorded By	WILCOX
Witnessed By	BENNETT

SAN JUAN GAS CORPORATION EXHIBIT NO. 15 CASE NO. 1066 MAY 16, 1956

RUN ONE MUD FROM FLOW LINE

REMARKS

RESISTIVITY -ohms. m²/m — LONG NORMAL 100 0 1000

RESISTIVITY -ohms. m²/m — NORMAL 100 0 1000 — LATERAL 100 0 1000

DEPTHS 100' — 0525 / 0104

SPONTANEOUS POTENTIAL millivolts — 10 / 0

0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300

SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

COUNTY RIO ARRIBA, N.M. | FIELD OR LOCATION WILDCAT | WELL R & G #103 | COMPANY R & G DRILLING

COMPANY	R & G DRILLING COMPANY
WELL	R & G #103
FIELD	WILDCAT
LOCATION	SEC. 3-24N-2W
COUNTY	RIO ARRIBA
STATE	NEW MEXICO

Location of Well: 990' FR S/L, 990' FR E/L, SEC. 3-24N-2W

ES (ML)

Elevation: D.F. KB 7313, or G.L. 7292

FILING No.

RUN No.	ONE
Date	4-26-56
First Reading	3316
Last Reading	135
Feet Measured	3181
Csg. Schlum.	135
Csg. Driller	135
Depth Reached	3317
Bottom Driller	3315
Depth Datum	KB
Mud Mat.	GEL
Density	10
Viscosity	42
Resist.	4.9@ 70° F
Res. Bht	3.0@113° F
pH	—
Wtr. loss	— CC 30 min.
Max. Temp. °F	113
Bit Size	8 3/4"
Sonde—Ank.	16"
A.M.	64"
A.O.	18'8"
Opr. Rig Time	1HR
Truck No.	1714FARM
Recorded By	K.IMSALL
Witnessed By	RUSSELL

RUN ONE MUD FROM FLOW LINE

REMARKS

RESISTIVITY -ohms. m²/m — LONG NORMAL 100 0 1000

RESISTIVITY -ohms. m²/m — NORMAL 100 0 1000 — LATERAL 100 0 1000

DEPTHS 100'

SPONTANEOUS POTENTIAL millivolts — 10 / 0

0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400

SCHLUMBERGER WELL SURVEYING CORPORATION

MicroLogging®

COUNTY RIO ARRIBA, N.M. | FIELD OR LOCATION WILDCAT | WELL R & G #103 | COMPANY R & G DRILLING

COMPANY	R & G DRILLING COMPANY
WELL	R & G #103
FIELD	WILDCAT
LOCATION	SEC. 3-24N-2W
COUNTY	RIO ARRIBA
STATE	NEW MEXICO

Other Survey: ES

Location of Well: 990' FR S/L, 990' FR E/L, SEC. 3-24N-2W

Elevation: D.F. KB 7313, or G.L. 7292

FILING No.

RUN No.	ONE
Date	4-26-56
First Reading	3304
Last Reading	1500
Feet Measured	804
Depth Reached	3307
Bottom Driller	3315
Depth Datum	KB
Mud Mat.	GEL
Density	10
Viscosity	42
Mud Resist.	4.9@ 70° F
Res. Bht	3.0@113° F
pH	7.5
Wtr. loss	— CC 30 min.
Rm@ Bht	1.5
Rmf@ Bht	1.5
Mud Log. Rep.	UPPER
Limit	2900
Depth	
Bit Size	8 3/4"
Sonde Type	MGG
Pad Type	
Opr. Rig Time	2 HRS
Truck No.	1714FARM
Recorded By	K.IMSALL
Witness	RUSSELL

RUN ONE MUD FROM FLOW LINE

RMF 3.4 @ 73° F

REMARKS

RESISTIVITY -ohms. m²/m — 0 Micro Inverse 1" 20 40 — 0 Micro Normal 2" 20 40

DEPTHS 100' — 1600

MICROLOG CALIPER — Hole Diameter in Inches

1700 1800 1900 2000 2800 2900 3000 3100 3200

U.S.G.S. PHOTOGRAPHICS

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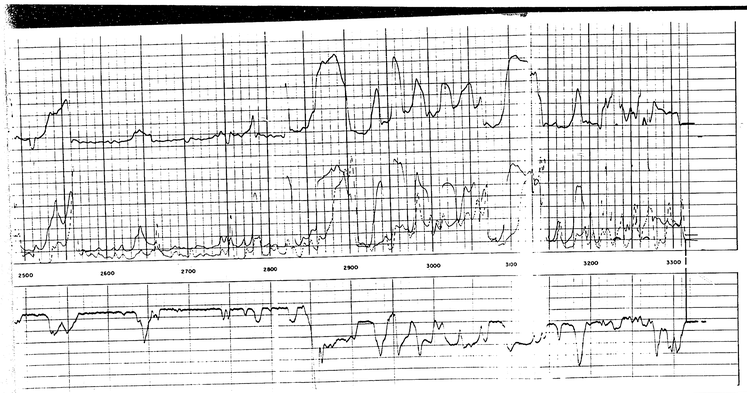
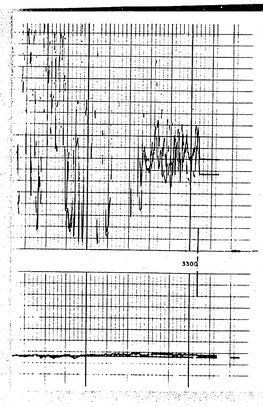
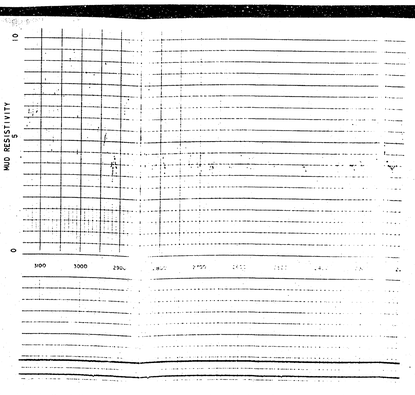




0 MICRO INVERSE ("x1" 20 40
0 MICRO NORMAL 2" 20 40
CALIPER MICRO FROM 3300' TO SURFACE
R G DRILLING COMPANY
GARRETT
ARRIGO #1
SEC. 7-25S-9E
EDDY COUNTY, N.M.
BIT SIZE
DIAMETER IN INCHES
7 8 13 15



W.P.R.C.F. MICROGRAPHICS
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U.S.G.S. MICROGRAPHICS

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SCHLUMBERGER WELL SURVEYING CORPORATION

FIELD PRINT

COMPANY R & G Drilling
WELL R and G #102
FIELD Wildcat
LOCATION Sec 23-25N-2W
1547' FWL & 1410' FSL
COUNTY Rio Arriba
STATE N.M.

Location of Well: ML 102

Elevation: D.F. K.B. 7215 or G.L. 7204

FILING No.

RUN No.			
Date	12-2-56		
First Reading	3378		
Last Reading	7049		
Feet Measured	3671		
Csg. Schlum.	3248		
Csg. Driller	3248		
Depth Reached	3668		
Bottom Driller	3668		
Depth Datum	KB		
Mud Mat.	GEL		
Density	9.1		
Viscosity	70		
Resist.	0.48@84°F	@	°F
Res. Bht	0.22@125°F	@	°F
pH	9.8	@	°F
Wtr. Loss	7.6 cc/30 min.	CC/30 min.	
Mat. Temp. °F	118		
Bit Size	7 7/8"		
Spcg.—Am.	45		
Am.	45		
Opr. Rig Time	3		
Truck No.	1077		
Recorded By	Wilson		
Witnessed By	Russell		

REMARKS: Caution — Reduce Sensitivity 1/2 Division for Each Hour Run in Casing

RESISTIVITY -ohms. m²/m — LONG NORMAL 100 1000

RESISTIVITY -ohms. m²/m — NORMAL 100 1000; LATERAL 100 1000

DEPTHS 2" / 100' — CSG SHOE 3248

SPONTANEOUS POTENTIAL millivolts — 10 / 0 / +10

REMARKS: RUN ONE AND ZERO FROM TOP LINE

0100 0200 0300 0400 0500 0600 0700 0800 0900 1000

SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

COMPANY R & G DRILLING
WELL R & G #101
FIELD WILDCAT
LOCATION SEC. 2-24N-2W
COUNTY RIO ARRIBA
STATE NEW MEXICO

Location of Well: 799' FR S/L, 799' FR W/L, SEC. 2-24N-2W

ES

Elevation: D.F. K.B. or G.L. 7215

FILING No.

RUN No.	ONE								
Date	12-9-56								
First Reading	3368								
Last Reading	7049								
Feet Measured	3249								
Csg. Schlum.	3248								
Csg. Driller	3248								
Depth Reached	3668								
Bottom Driller	3668								
Depth Datum	KB								
Mud Mat.	GEL								
Density	9.0								
Viscosity	50								
Resist.	2.06@81°F	@	°F	@	°F	@	°F	@	°F
Res. Bht	1.61@104°F	@	°F	@	°F	@	°F	@	°F
pH	9.5	@	°F	@	°F	@	°F	@	°F
Wtr. Loss	6.0 cc/30 min.	CC/30 min.		CC/30 min.		CC/30 min.		CC/30 min.	
Max. Temp. °F	104								
Bit Size	7 7/8"								
Spcg.—Am.	45								
Am.	45								
Opr. Rig Time	3								
Truck No.	1077								
Recorded By	Wilson								
Witnessed By	Russell								

REMARKS: RUN ONE AND ZERO FROM TOP LINE

RESISTIVITY -ohms. m²/m — LONG NORMAL 100 1000

RESISTIVITY -ohms. m²/m — NORMAL 100 1000; LATERAL 100 1000

DEPTHS 2" / 100' — CSG SHOE 3248

SPONTANEOUS POTENTIAL millivolts — 10 / 0 / +10

0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300

SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

COMPANY R & G DRILLING
WELL R & G #102
FIELD WILDCAT
LOCATION SEC. 28-25N-2W
COUNTY RIO ARRIBA
STATE NEW MEXICO

Location of Well: 1547' FR W/L, 1410' FR S/L

ES (ML)

Elevation: D.F. K.B. 7216' or G.L. 7205

FILING No.

RUN No.	ONE								
Date	12-5-56								
First Reading	3251								
Last Reading	7110								
Feet Measured	3611								
Csg. Schlum.	3250								
Csg. Driller	3250								
Depth Reached	3668								
Bottom Driller	3668								
Depth Datum	KB								
Mud Mat.	GEL								
Density	9.1								
Viscosity	125								
Resist.	2.06@84°F	@	°F	@	°F	@	°F	@	°F
Res. Bht	2.06@118°F	@	°F	@	°F	@	°F	@	°F
pH	7.5@	@	°F	@	°F	@	°F	@	°F
Wtr. Loss	7.2 cc/30 min.	CC/30 min.		CC/30 min.		CC/30 min.		CC/30 min.	
Max. Temp. °F	118								
Bit Size	7 7/8"								
Spcg.—Am.	45								
A M	45H								
AO	18'8H								
Opr. Rig Time	1/2 HR								
Truck No.	1272/1077								
Recorded By	MILLER								
Witnessed By	RUSSELL								

REMARKS: RUN ONE AND ZERO FROM TOP LINE

RESISTIVITY -ohms. m²/m — LONG NORMAL 100 1000

RESISTIVITY -ohms. m²/m — NORMAL 100 1000; LATERAL 100 1000

DEPTHS 2" / 100' — CSG SHOE 3250

SPONTANEOUS POTENTIAL millivolts — 10 / 0 / +10

0100 0200 0300 0400 0500 0600 0700 0800 0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300

W.S.C.F. MICROFILMED

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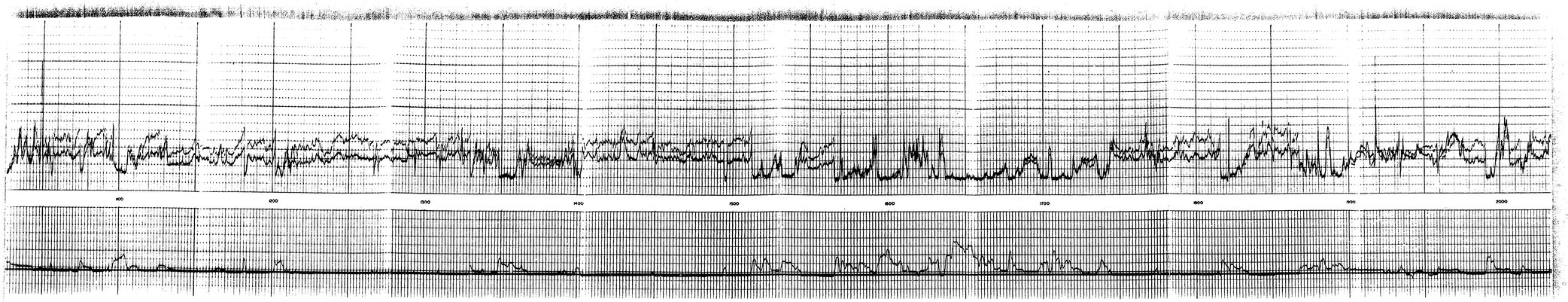

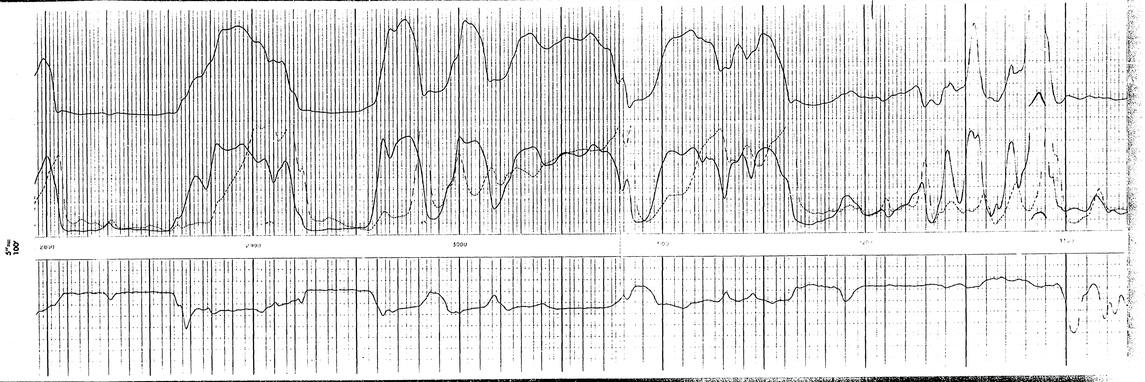

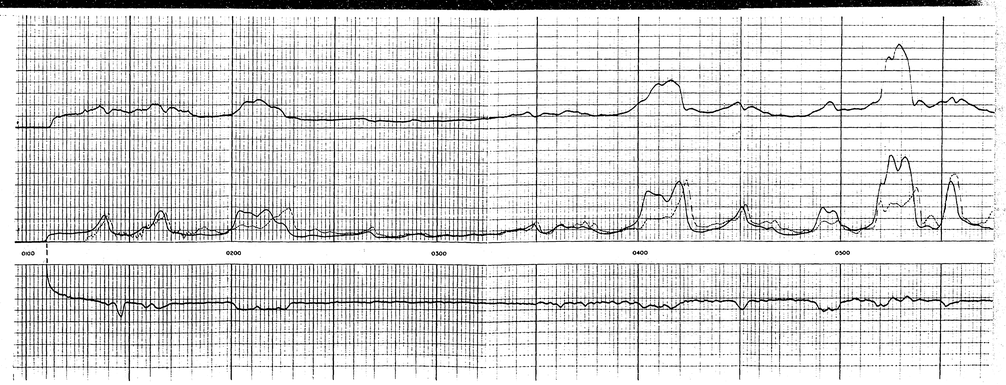

V.A.M.C. ELECTROPHYSICS

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W.R.C.S.F. MICROGRAPHICS

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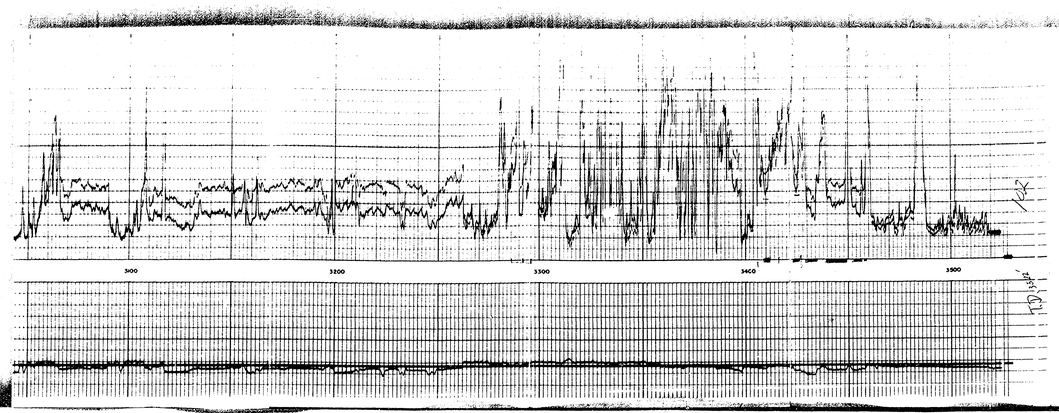

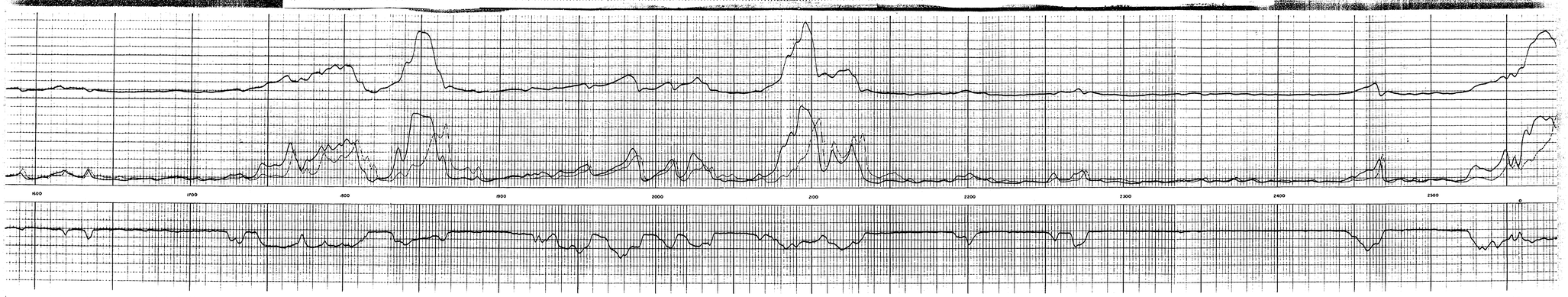

W.R.N.C.F. MICROGRAPHICS

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M.N.H.C.F. MICROGRAPHICS

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SCHLUMBERGER WELL SURVEYING CORPORATION

FIELD PRINT

COMPANY: SAN JUAN GAS CORP.
WELL: FEDERAL 16-D
FIELD: WILDCAT - GAVALIN
LOCATION: Sec. 16-25N-2W 990'S & E, 865'S & W
COUNTY: Rio Arriba
STATE: New Mex.
Location of Well: ES
Elevation: D.F. 7255' K.B. 7265' or G.L. 7239'
FILING No.

COUNTY: Rio Arriba
FIELD OR WELL: Federal 16-D
LOCATION:
COMPANY: San Juan Gas Corp.

RESISTIVITY 16" Normal
RESISTIVITY 18" Lateral
S.P.

RUN No.	1
Date	5-8-56
First Reading	3254
Last Reading	1957
Feet Measured	1297
Csg. Schlum.	125
Csg. Driller	125
Depth Reached	3255
Bottom Driller	3255
Depth Datum	KB
Mud Mat.	GEL-CHEM
Density	10.0
Viscosity	50
Resist.	2.8@104 F
Res. Bht	2.4@104 F
pH	9.5
Wtr. Loss	6.4 cc 30 min.
Max. Temp. °F	104
Bit Size	7 7/8"
Specs.—AM	6"
A N	64"
AO	18' 8"
Opr. Rig Time	9 HR
Truck No.	1772 FARM
Recorded By	Blair Kine
Witnessed By	Hillson

SAN JUAN GAS CORPORATION
EXHIBIT NO. 16
CASE NO. 1066
MAY 16, 1956

REMARKS: RUN ONE MUD FROM FLOW LINE

SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

COMPANY: SAN JUAN GAS CORPORATION
WELL: FEDERAL #2-B
FIELD: GAVALIN
LOCATION: SEC. 2-24N-2W
COUNTY: RIO ARRIBA
STATE: NEW MEXICO
Location of Well: 860' FN & WL, SEC. 2-24N-2W; ES
Elevation: D.F. 7260', K.B. 7270', or G.L. 7251'
FILING No.

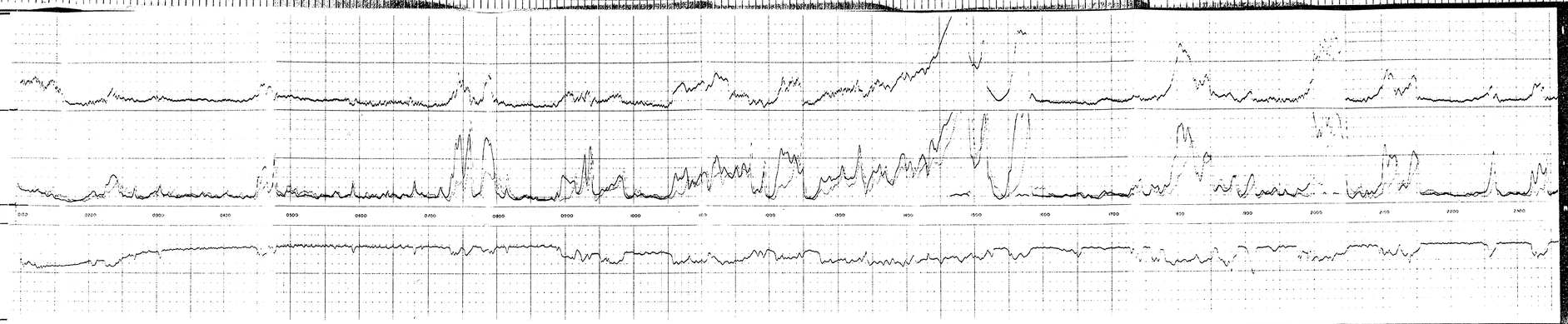
COUNTY: RIO ARRIBA
FIELD OR WELL: GAVALIN FEDERAL #2-B
LOCATION:
COMPANY: SAN JUAN GAS CORPORATION

RESISTIVITY -ohms. m²/m — LONG NORMAL 50 / 1000
RESISTIVITY -ohms. m²/m — NORMAL 100 / 1000; LATERAL 100 / 1000
DEPTHS 5" / 100'
SPONTANEOUS POTENTIAL millivolts 10 / cm

RUN No.	ONE
Date	3-27-56
First Reading	3404
Last Reading	92
Feet Measured	3312
Csg. Schlum.	92
Csg. Driller	80 I/Z
Depth Reached	3406
Bottom Driller	3400
Depth Datum	GL
Mud Mat.	GEL
Density	9
Viscosity	45
Resist.	3.6@64 F
Res. Bht	2.8@92 F
pH	9
Wtr. Loss	9 cc 30 min.
Max. Temp. °F	120
Bit Size	7 7/8"
Specs.—AM	16"
A N	64"
AO	18' 8"
Opr. Rig Time	7 1/2 HR
Truck No.	1773
Recorded By	ELLIS
Witnessed By	LARSON

SAN JUAN GAS CORPORATION
EXHIBIT NO. 12
CASE NO. 1066
MAY 16, 1956

REMARKS: RUN ONE MUD FROM FLOW LINE



SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

COMPANY: SAN JUAN GAS CORPORATION
WELL: FEDERAL C #34
FIELD: WILDCAT (GAVALIN)
LOCATION: SEC. 34-25N-2W
COUNTY: RIO ARRIBA
STATE: NEW MEXICO
Location of Well: SEC. 34-25N-2W; ES
Elevation: D.F., K.B., or G.L.
FILING No.

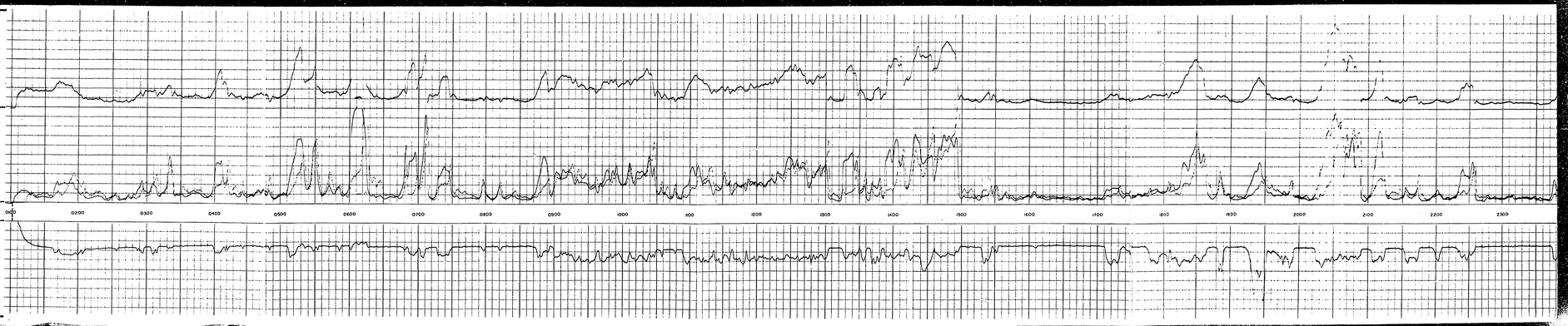
COUNTY: RIO ARRIBA
FIELD OR WELL: WILDCAT (GAVALIN) FEDERAL C #34
LOCATION:
COMPANY: SAN JUAN GAS CORPORATION

RESISTIVITY -ohms. m²/m — LONG NORMAL 100 / 1000
RESISTIVITY -ohms. m²/m — NORMAL 100 / 1000; LATERAL 100 / 1000
DEPTHS 2" / 100'
SPONTANEOUS POTENTIAL millivolts 10 / cm

RUN No.	ONE
Date	4-15-56
First Reading	3454
Last Reading	103
Feet Measured	3351
Csg. Schlum.	103
Csg. Driller	103
Depth Reached	3455
Bottom Driller	3450
Depth Datum	KB
Mud Mat.	CHEM
Density	9.8
Viscosity	72
Resist.	1.8@ 85 F
Res. Bht	2.4@104 F
pH	9.5
Wtr. Loss	6.4 cc 30 min.
Max. Temp. °F	104
Bit Size	7 7/8"
Specs.—AM	6"
A N	64"
AO	18' 8"
Opr. Rig Time	9 HR
Truck No.	1772 FARM
Recorded By	HAMILTON
Witnessed By	LARSON

SAN JUAN GAS CORPORATION
EXHIBIT NO. 14
CASE NO. 1066
MAY 16, 1956

REMARKS: RUN ONE MUD FROM FLOW LINE



SCHLUMBERGER WELL SURVEYING CORPORATION

Electrical Log

COMPANY: SAN JUAN GAS CORPORATION
WELL: FEDERAL #33 D
FIELD: GAVALIN
LOCATION: SEC. 33-25N-2W
COUNTY: RIO ARRIBA
STATE: NEW MEXICO
Location of Well: 1060' FN & WL, 980' FN & EL, SEC. 33-25N-2W; ES
Elevation: D.F. K.B. 7228', or G.L. 7215'
FILING No.

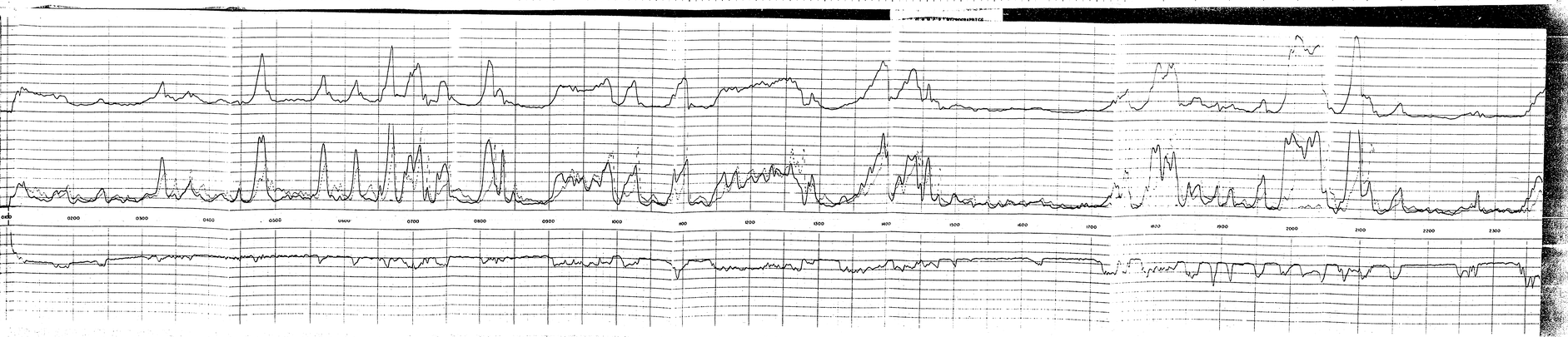
COUNTY: RIO ARRIBA
FIELD OR WELL: GAVALIN FEDERAL #33 D
LOCATION:
COMPANY: SAN JUAN GAS CORPORATION

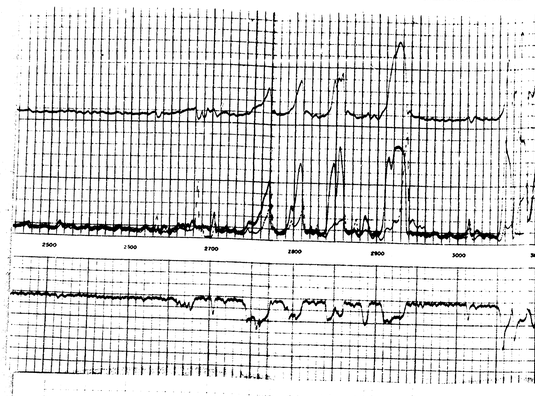
RESISTIVITY -ohms. m²/m — LONG NORMAL 100 / 1000
RESISTIVITY -ohms. m²/m — NORMAL 100 / 1000; LATERAL 100 / 1000
DEPTHS 2" / 100'
SPONTANEOUS POTENTIAL millivolts 10 / cm

RUN No.	ONE
Date	4-9-56
First Reading	3448
Last Reading	103
Feet Measured	3345
Csg. Schlum.	103
Csg. Driller	98
Depth Reached	3447
Bottom Driller	3442
Depth Datum	KB
Mud Mat.	GEL
Density	9.8
Viscosity	55
Resist.	1.9@ 64 F
Res. Bht	1.3@105 F
pH	9
Wtr. Loss	12 cc 30 min.
Max. Temp. °F	105
Bit Size	7 7/8"
Specs.—AM	15"
A N	64"
AO	18' 8"
Opr. Rig Time	12 HRS
Truck No.	1765 FARM
Recorded By	MONTGOMERY
Witnessed By	DENNETT

SAN JUAN GAS CORPORATION
EXHIBIT NO. 13
CASE NO. 1066
MAY 16, 1956

REMARKS: RUN ONE MUD FROM FLOW LINE

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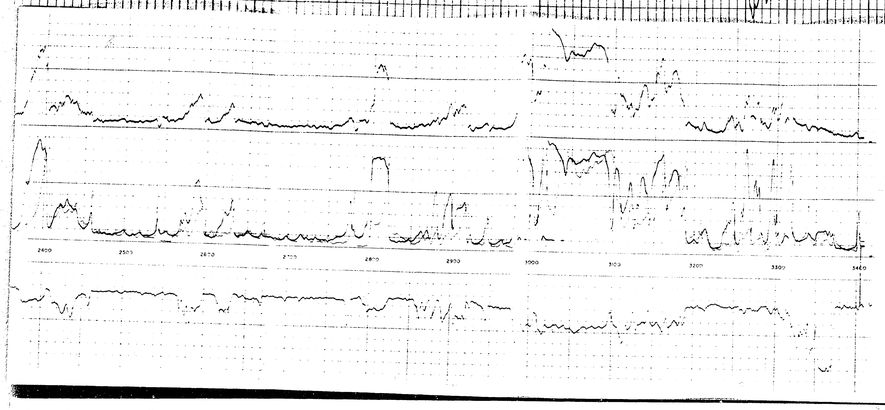
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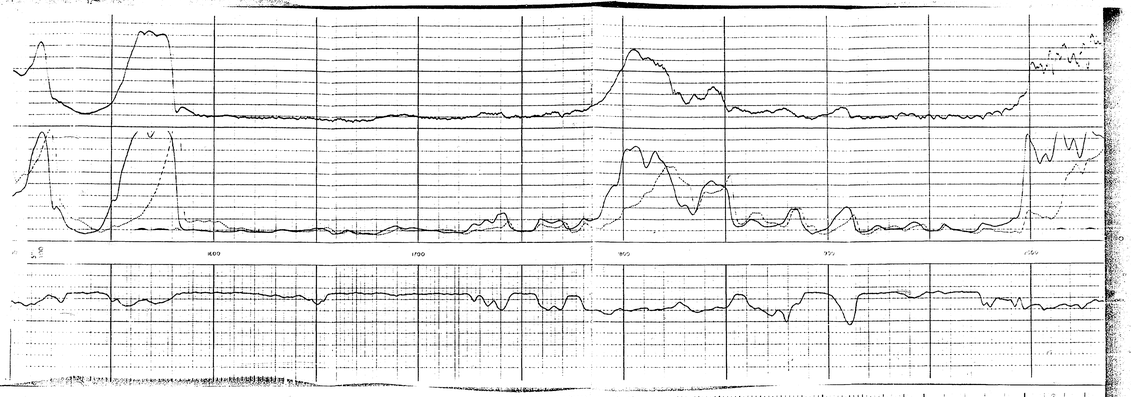
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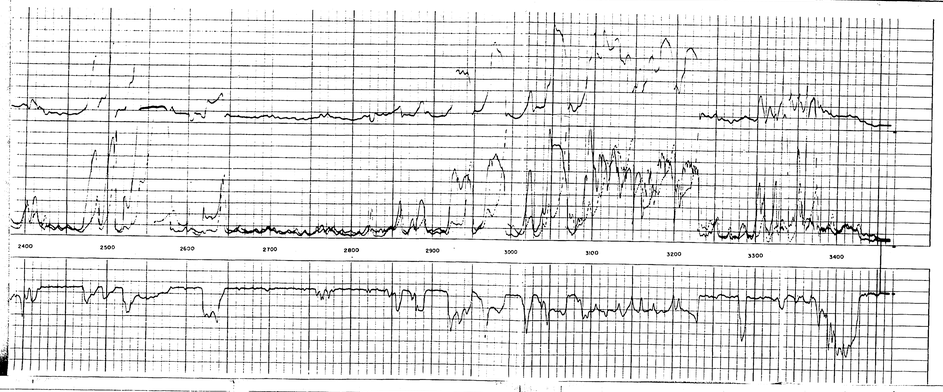
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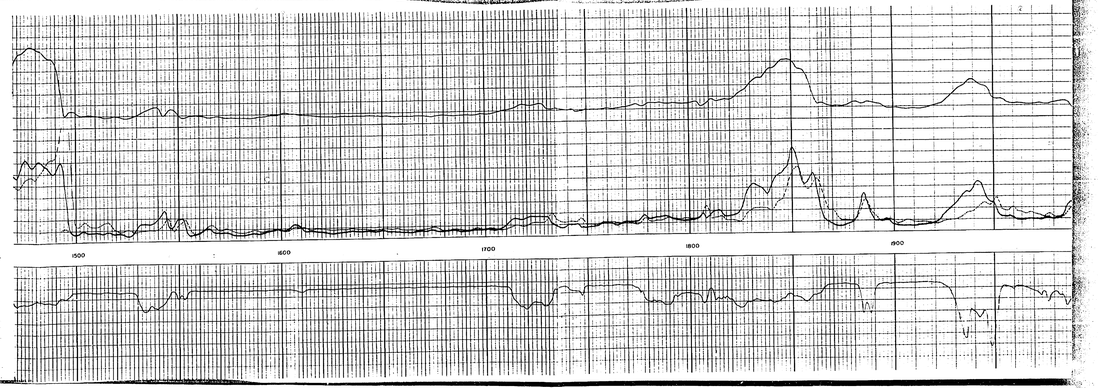
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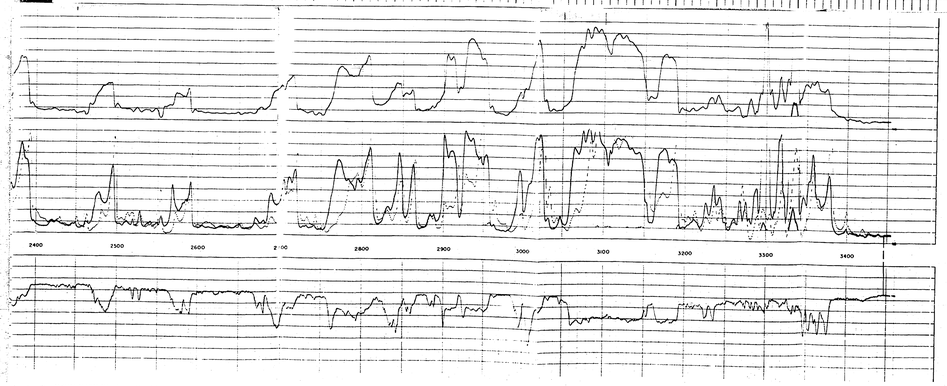
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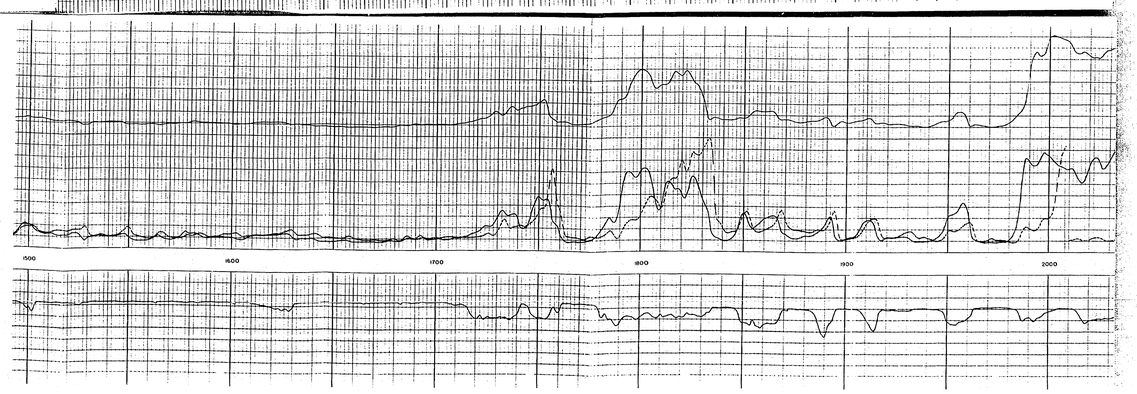
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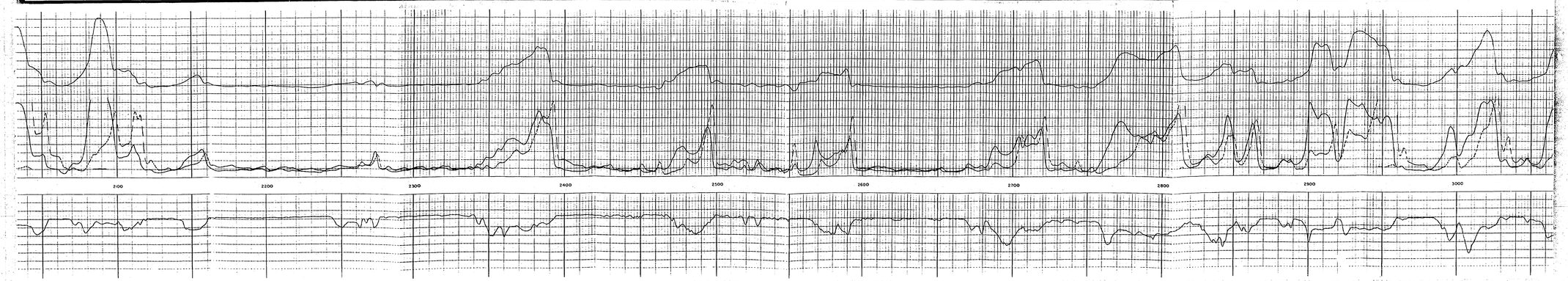
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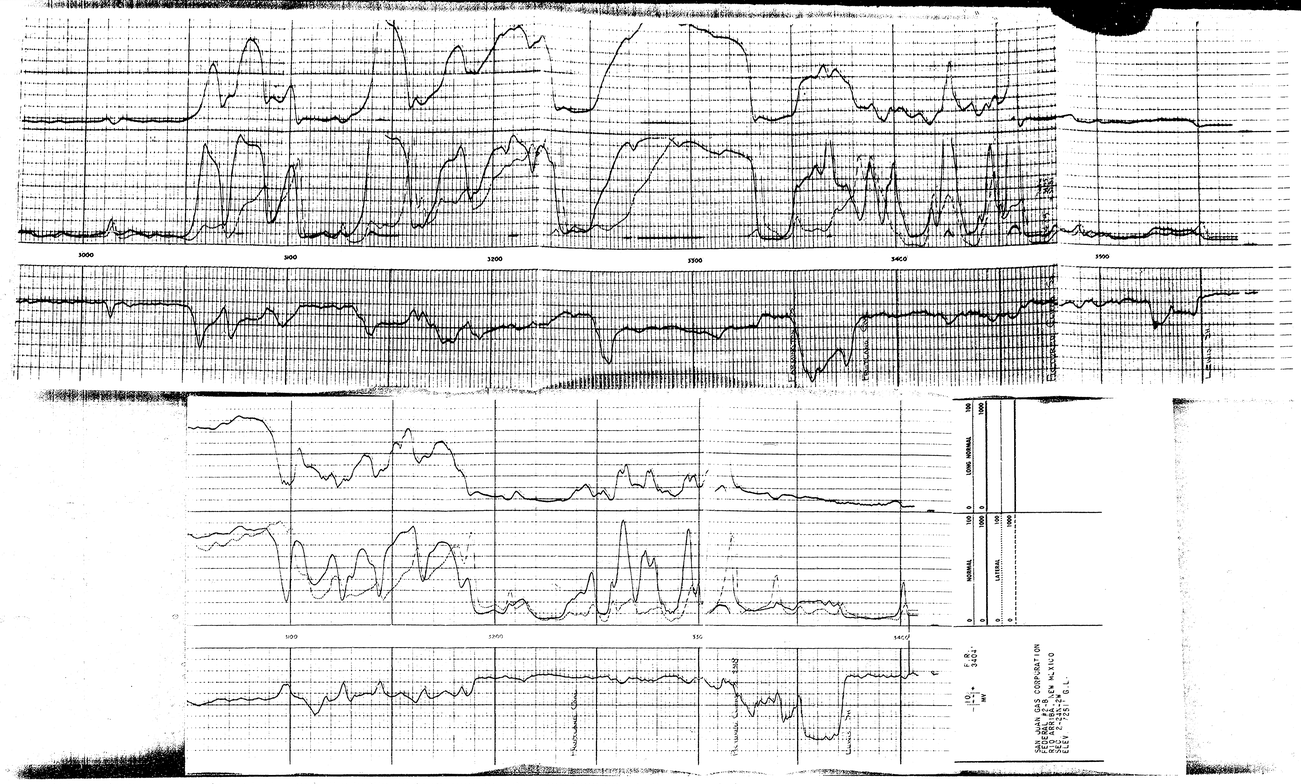

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