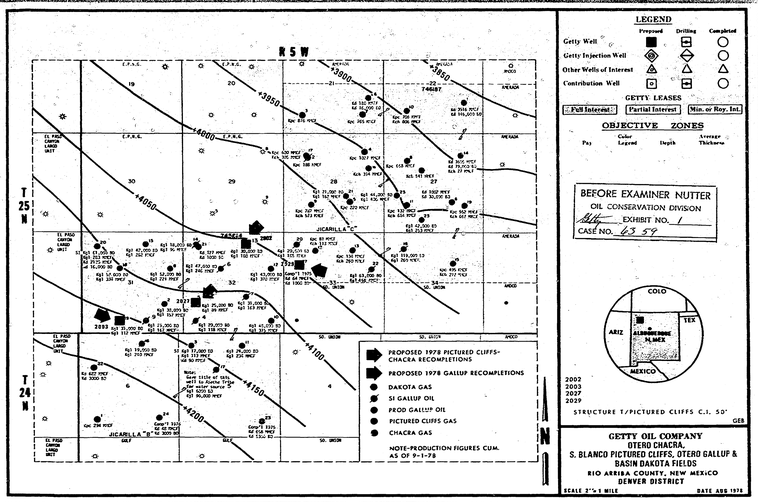
Case No
6359

Large Exhibits



LEGEND

	Proposed	Drilling	Completed
Getty Well	■	⊟	○
Getty Injection Well	◈	◇	○
Other Wells of Interest	◬	△	△
Contribution Well	⊡	⊟	○

GETTY LEASES

Full Interest	Partial Interest	Min. or Roy. Int.

OBJECTIVE ZONES

Pay	Color Legend	Depth	Average Thickness

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
EXHIBIT NO. 1
CASE NO. 6354

2002
2003
2027
2029

STRUCTURE T/PICTURED CLIFFS C.I. 50'

GEB

GETTY OIL COMPANY
OTERO CHACRA,
S. BLANCO PICTURED CLIFFS, OTERO GALLUP & BASIN DAKOTA FIELDS
RIO ARRIBA COUNTY, NEW MEXICO
DENVER DISTRICT

SCALE 2"= 1 MILE — DATE AUG 1978

Dresser Atlas

Induction Electrolog

FILE NO. FH-5144

COMPANY SKELLY OIL COMPANY

WELL JICARILLA "C" - 27

FIELD BASIN DAKOTA

COUNTY RIO ARRIBA STATE N. MEX.

LOCATION: 1735' FNL - 800' FWL

SEC 33 TWP 25N RGE 5W

Other Services: CND-GR, CDL-GR (COMB)

Permanent Datum	G.L.	Elev. 6689	Elevations: KB	6703
Log Measured from	K.B.	13.0 Ft. Above Permanent Datum	DF	6701
Drilling Measured from	K.B.		GL	6689

Date	6-12-75			
Run No.	ONE			
Depth—Driller	7233			
Depth—Logger	7238			
Bottom Logged Interval	7233			
Top Logged Interval	363			
Casing—Driller	8 5/8 @ 363			
Casing—Logger	363			
Bit Size	7 7/8			
Type Fluid in Hole	GEL-CHEM			
Density and Viscosity	10.6	152		
pH and Fluid Loss	12.5	5.6 cc		cc
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	5.21 @ 54 °F	@ °F	@ °F	
Rmf @ Meas. Temp.	12.22 @ 54 °F	@ °F	@ °F	
Rmc @ Meas. Temp.	12.56 @ 54 °F	@ °F	@ °F	
Source of Rmf and Rmc	MEASURED			
Rm @ BHT	3.2 @ 165 °F	°F	°F	°F
Time Since Circ.	16 HRS.			
Max. Rec. Temp. Deg. F	165 °F	°F	°F	°F
Equip. No. and Location	513 FARM			
Recorded By	EVANS-SPOTTS			
Witnessed By	MR. SCHLOTTER			

RECORDS EXAMINED BUTTER

NO CONSERVATION DIVISION

CASE NO.

Equipment Used: Run No. ONE; Ser. No. 10215; Loc. 1-AB; Rec. No. 28086; Truck No. 28027

Bore-Hole Record: Bit Size 7 7/8; From 363; To 7238

Casing Record: Size 8 5/8; Wgt. 24; Grade J-55; From 0; To 363

Other: Run No. ONE; Type Log IEL 600; From 363; To 7238; Equipment Used FREE

Logging Unit Type of Additional Services: Date | Service No. | Type Fluid in Hole

Depth Control Remarks: Depth Control Remarks

Operating Rig Time: Rig Up Time | Rig Down Time | Rig to Hole Time | Rig to Main Time | Operating Time | Standby Time | Total Rig Time

Misc. Equipment: Centralizers | Scratchers | Turbolizers | Bow Springs

Remarks

CONDUCTIVITY
Millimhos/m
INDUCTION CONDUCTIVITY 40" SPACING
0 — 500

RESISTIVITY
Ohms m²/m
16" NORMAL
100 — 0
1000 — 0

INDUCTION RESISTIVITY 40" SPACING
100 — 0
1000 — 0

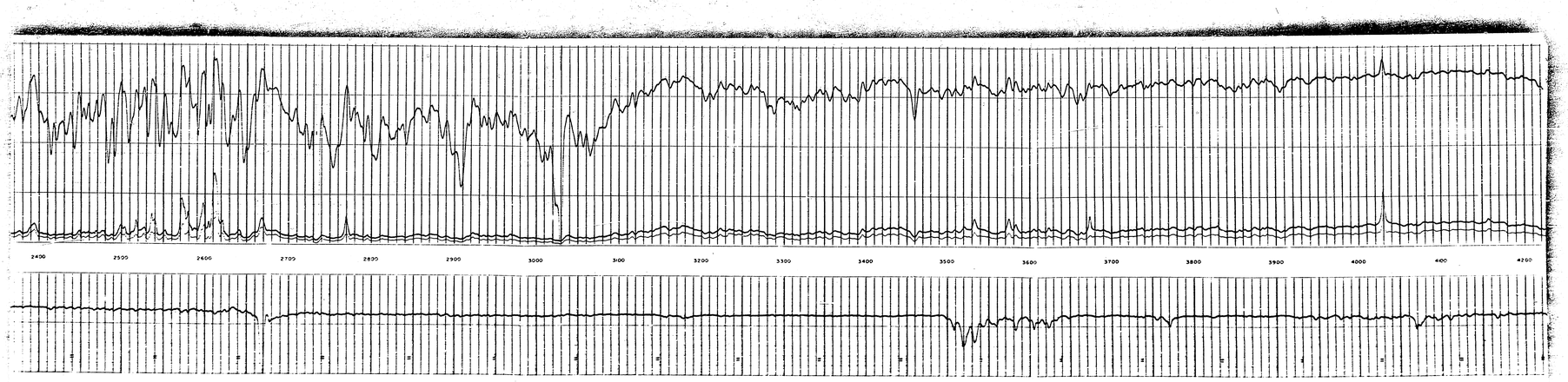
DEPTH
5"=100'
1"=100'

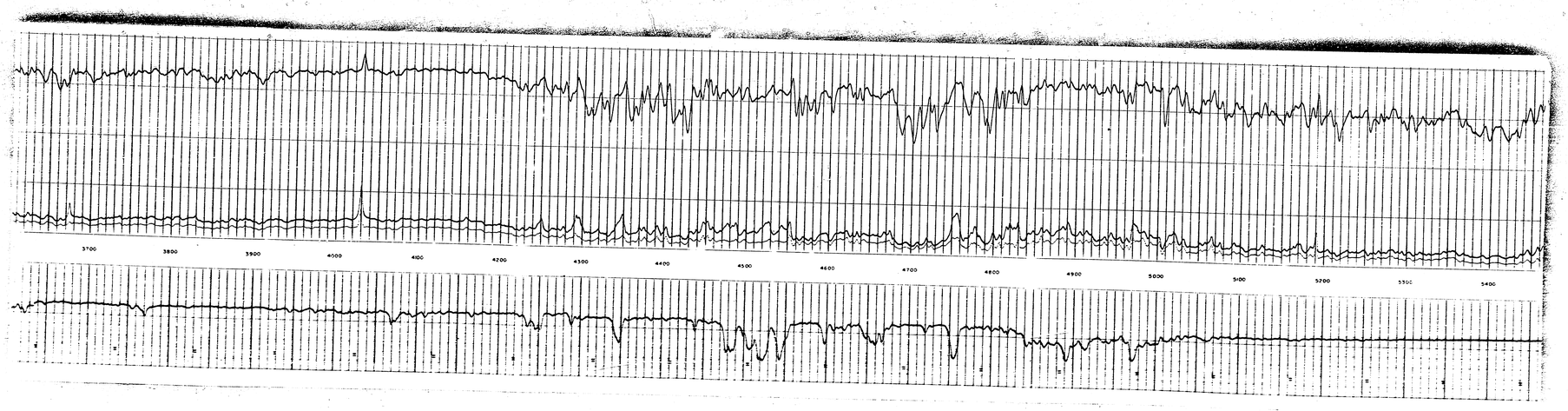
SPONTANEOUS POTENTIAL
Millivolts
+ 160 — 0 — 160 −

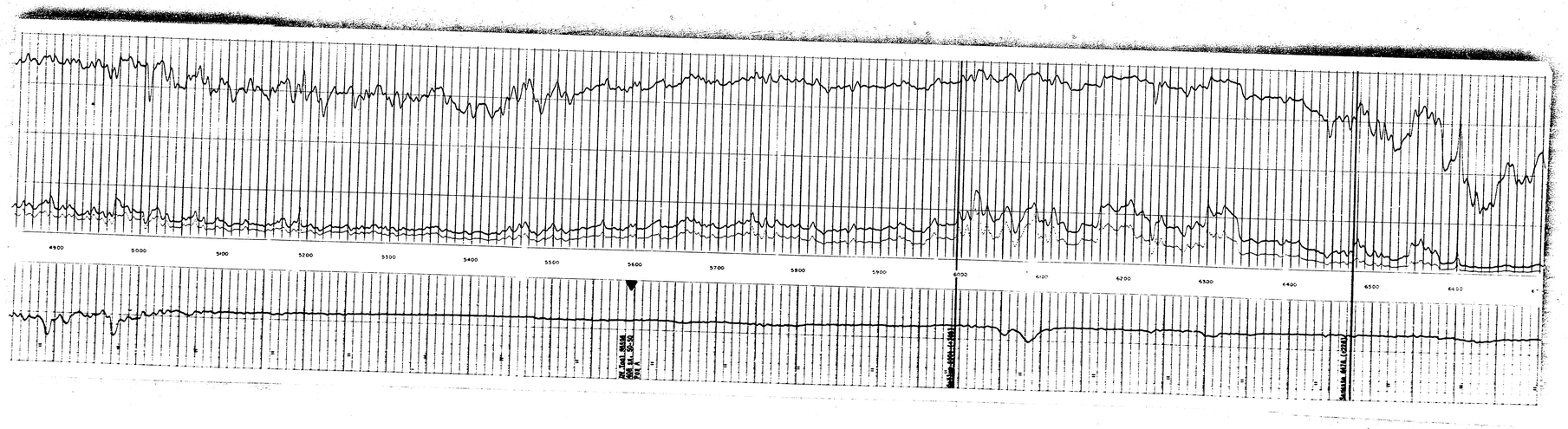


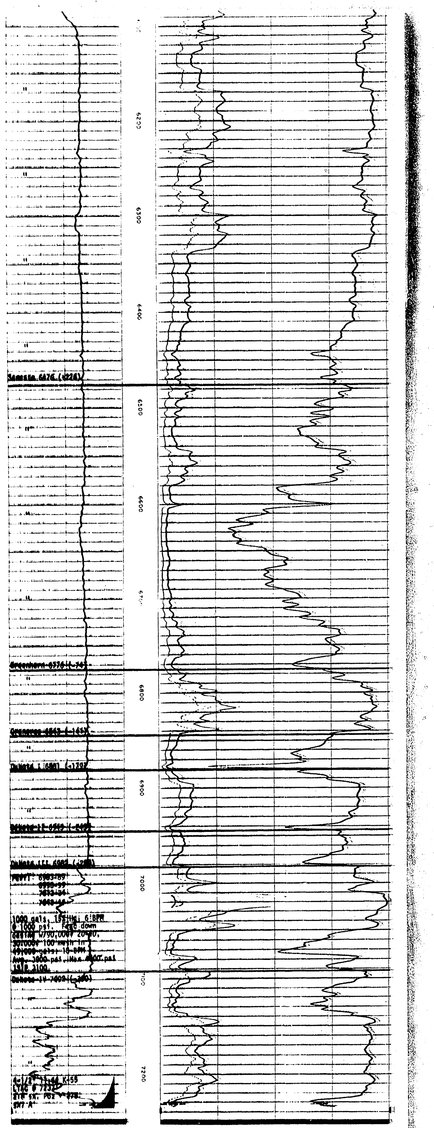



1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900


2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
400
4200


3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900
5000
5100
5200
5300
5400


4900
5000
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6400
6500
6600



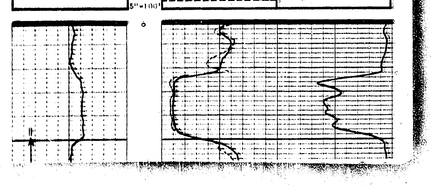
SPONTANEOUS POTENTIAL Millivolts	DEPTH	CONDUCTIVITY Millimhos/m
		INDUCTION RESISTIVITY 40" SPACING 0–1000 / 0–100
		16" NORMAL
		RESISTIVITY Ohms m²/m 800–400
		INDUCTION CONDUCTIVITY 40" SPACING 400–0

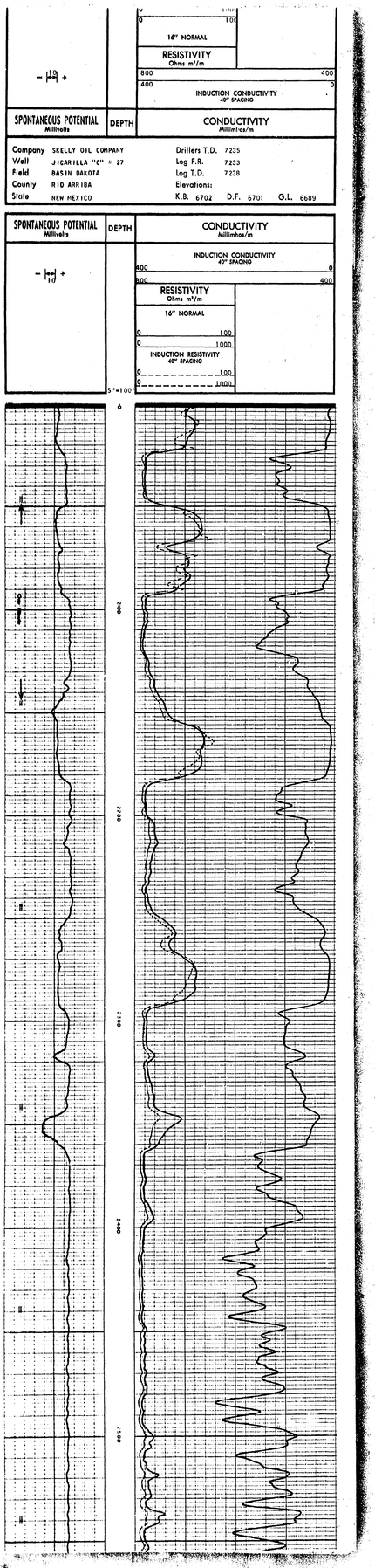
Company	SKELLY OIL COMPANY
Well	JICARILLA "C" # 27
Field	BASIN DAKOTA
County	RIO ARRIBA
State	NEW MEXICO

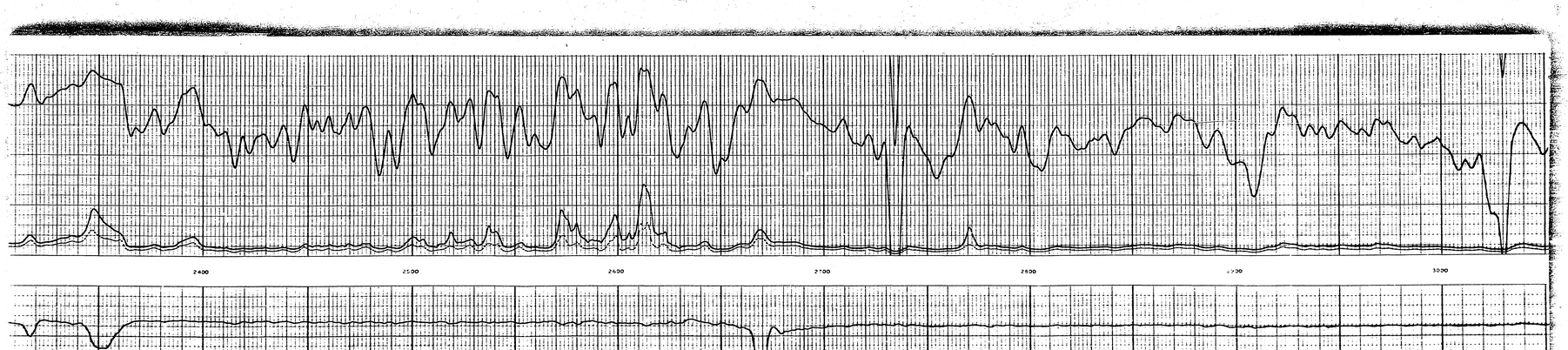
Drillers T.D.	7235
Log F.R.	7233
Log T.D.	7238
Elevations: K.B.	6702
D.F.	6701
G.L.	6689

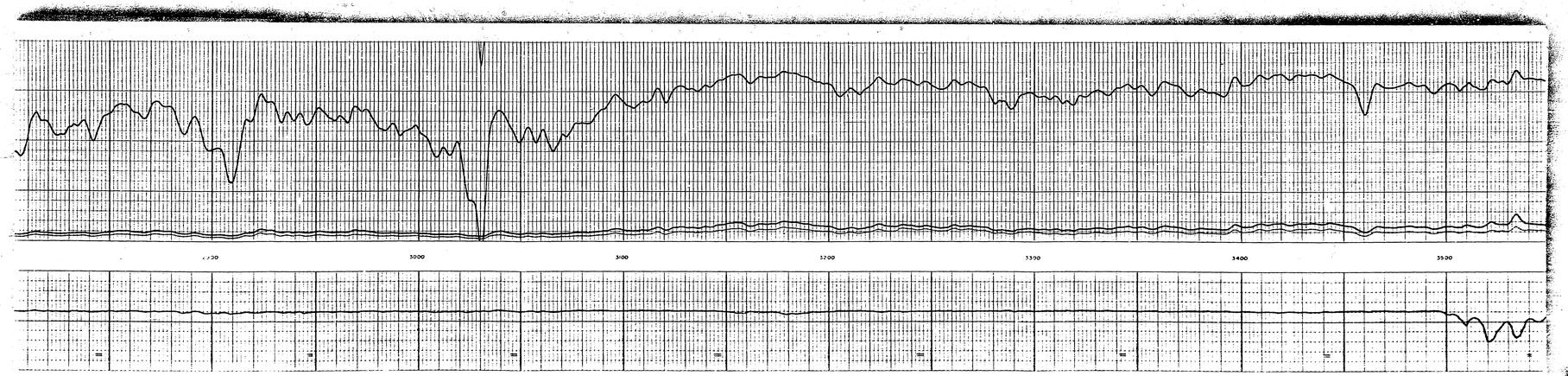
SPONTANEOUS POTENTIAL Millivolts	DEPTH	CONDUCTIVITY Millimhos/m
		INDUCTION CONDUCTIVITY 40" SPACING 400–0
		RESISTIVITY Ohms m²/m 200–400
		16" NORMAL 0–100 / 0–1000
		INDUCTION RESISTIVITY 40" SPACING 0–100 / 0–1000

5"=100'



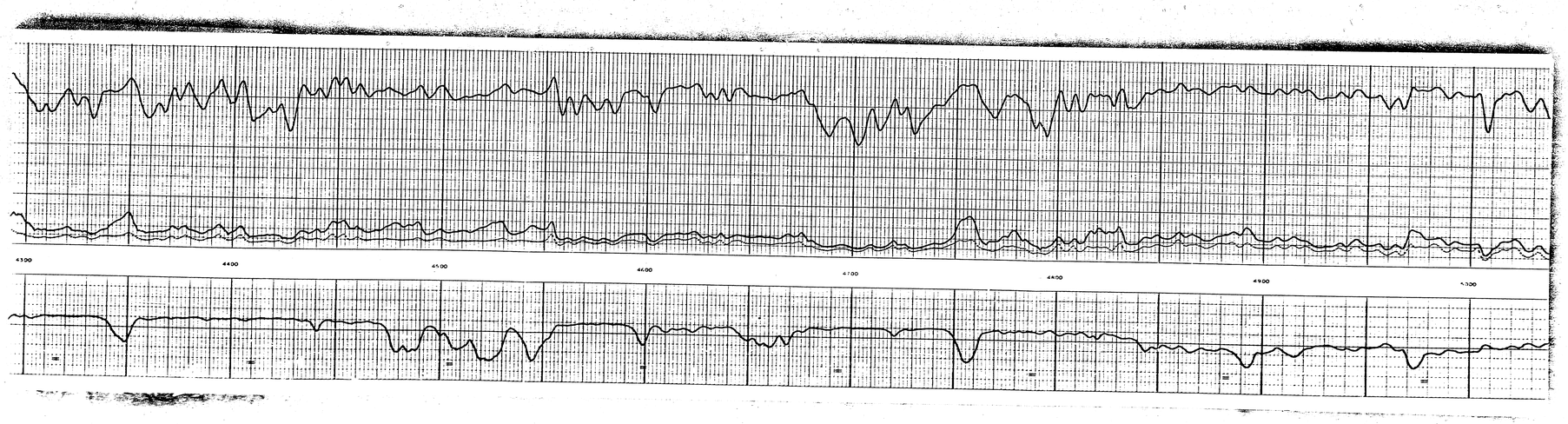

16" NORMAL
RESISTIVITY
Ohms m²/m
INDUCTION CONDUCTIVITY
40" SPACING
SPONTANEOUS POTENTIAL
Millivolts
DEPTH
CONDUCTIVITY
Millimhos/m
Company SKELLY OIL COMPANY
Well JICARILLA "C" - 27
Field BASIN DAKOTA
County RIO ARRIBA
State NEW MEXICO
Drillers T.D. 7235
Log F.R. 7233
Log T.D. 7238
Elevations:
K.B. 6702 D.F. 6701 G.L. 6689
INDUCTION RESISTIVITY
40" SPACING
5"=100'


2400
2500
2600
2700
2800
2900
3000

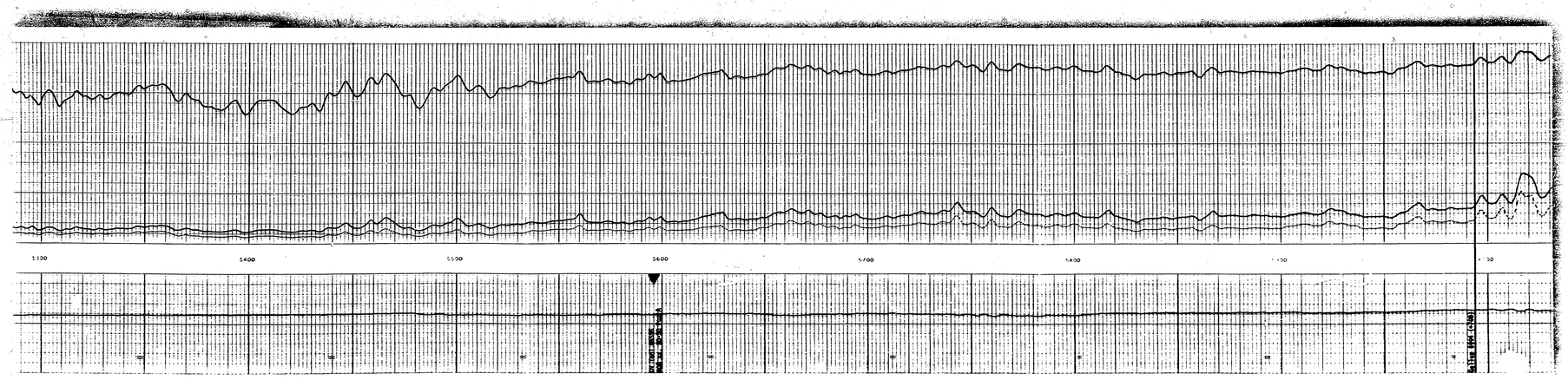

3000
3100
3200
3300
3400
3500


3400
3500
3600
3700
3800
3900
4000

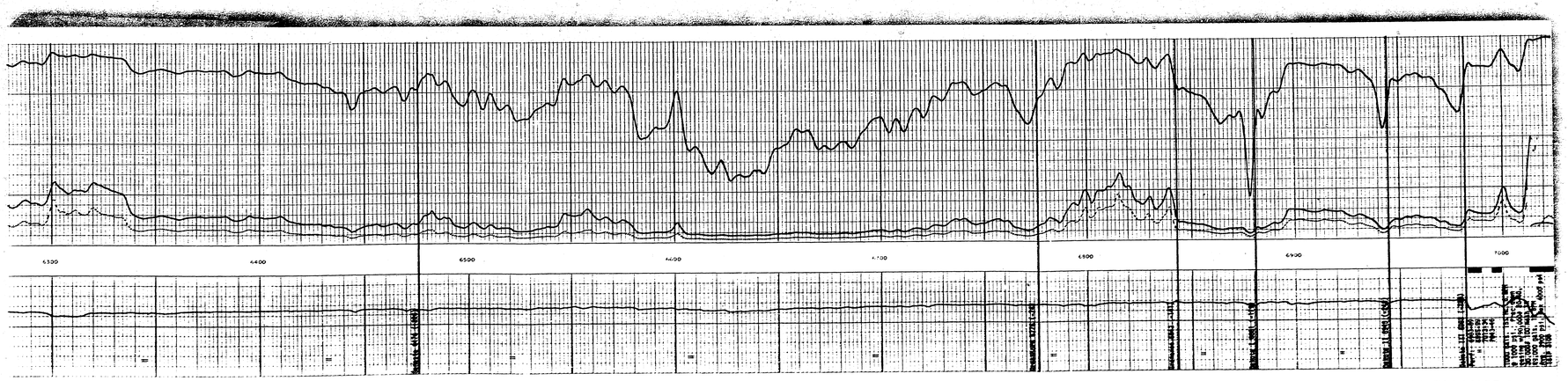

3900
4000
4100
4200
4300
4400


4300
4400
4500
4600
4700
4800
4900
5000




5300
5400
5500
5600
5700
5800
5900
Active Hot Cond


5400
5500
6100
6200
6300
6400
6500

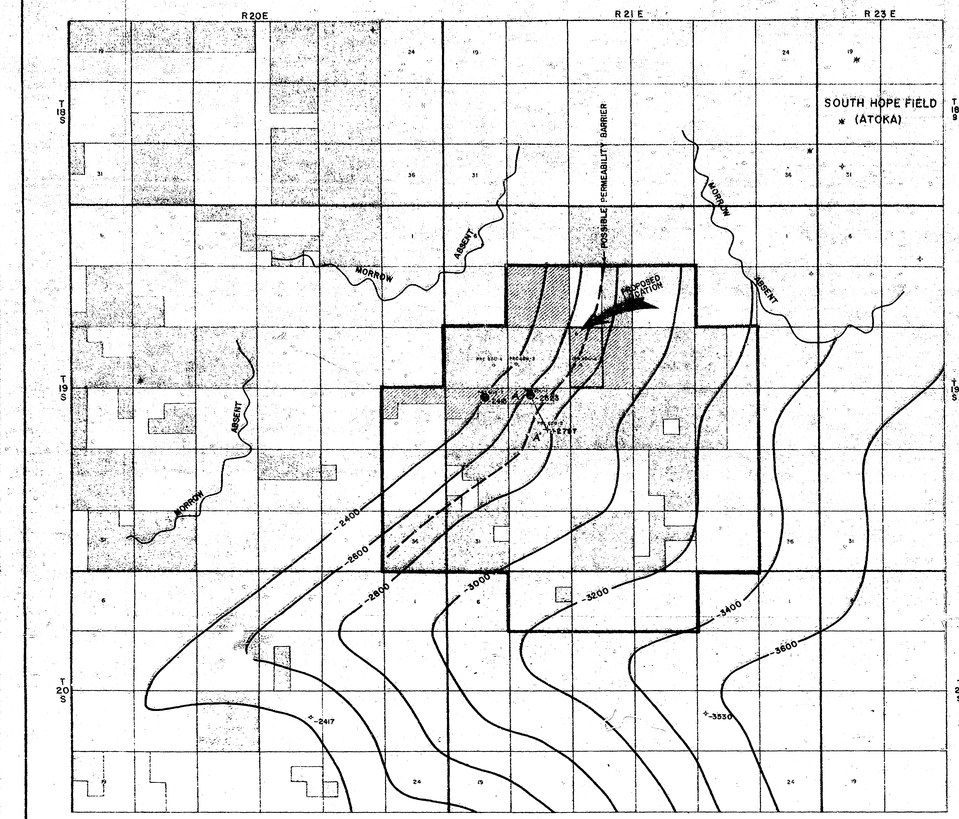

6300
6400
6500
6600
6700
6800
6900
7000

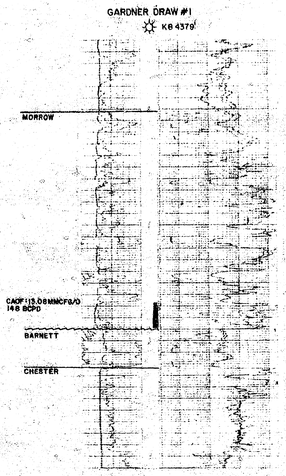
SPONTANEOUS POTENTIAL
Millivolts
DEPTH
CONDUCTIVITY
Millimhos/m
INDUCTION CONDUCTIVITY
40" SPACING
400
0
INDUCTION RESISTIVITY
40" SPACING
1000
1700
16" NORMAL
RESISTIVITY
Ohms m²/m
1000
1700
Company SKELLY OIL COMPANY
Well JICARILLA "H" # 27
Field BASIN DAKOTA
County RIO ARRIBA
State NEW MEXICO
Drillers T.D. 7225
Log F.R.
Log T.D. 7230
Elevations:
K.B. 6702 D.F. 6701 G.L. 6689
6800
6900
7000
7100
7200
REPEAT SECTION
7100
7200

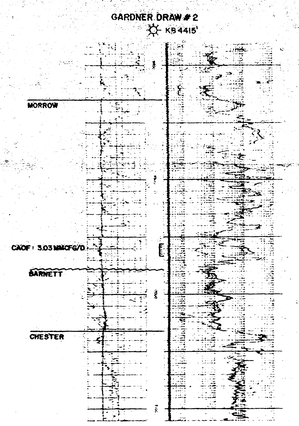
- SP +
SPONTANEOUS POTENTIAL
Millivolts
DEPTH
16" NORMAL
RESISTIVITY
Ohms m²/m
INDUCTION CONDUCTIVITY
60" SPACING
CONDUCTIVITY
Millimhos/m
Company SKELLY OIL COMPANY
Well JICARILLA "C" # 27
Field BASIN DAKOTA
County RIO ARRIBA
State NEW MEXICO
Drillers T.D. 7225
Log F.R. 7223
Log T.D. 7230
Elevations
K.B. 6724
D.F. 6701
G.L. 6689
REPEAT SECTION
7000
7100
7200
CALIBRATION
DOWN HOLE CALIBRATION — BYRD SURVEY
Tool Zero
Internal Tool Calibration (See Above Opr)
Mechanical Zero
Short Normal (0 Ohmmeter)
SP Calibration (100 MV)
DOWN HOLE CALIBRATION — REYNE SURVEY
SURFACE CALIBRATION
Log Zero
Dresser Atlas

Case No
6363

Large Exhibits







PHOENIX RESOURCES COMPANY
Denver, Colorado

GARDNER DRAW UNIT

EDDY CO., NEW MEXICO

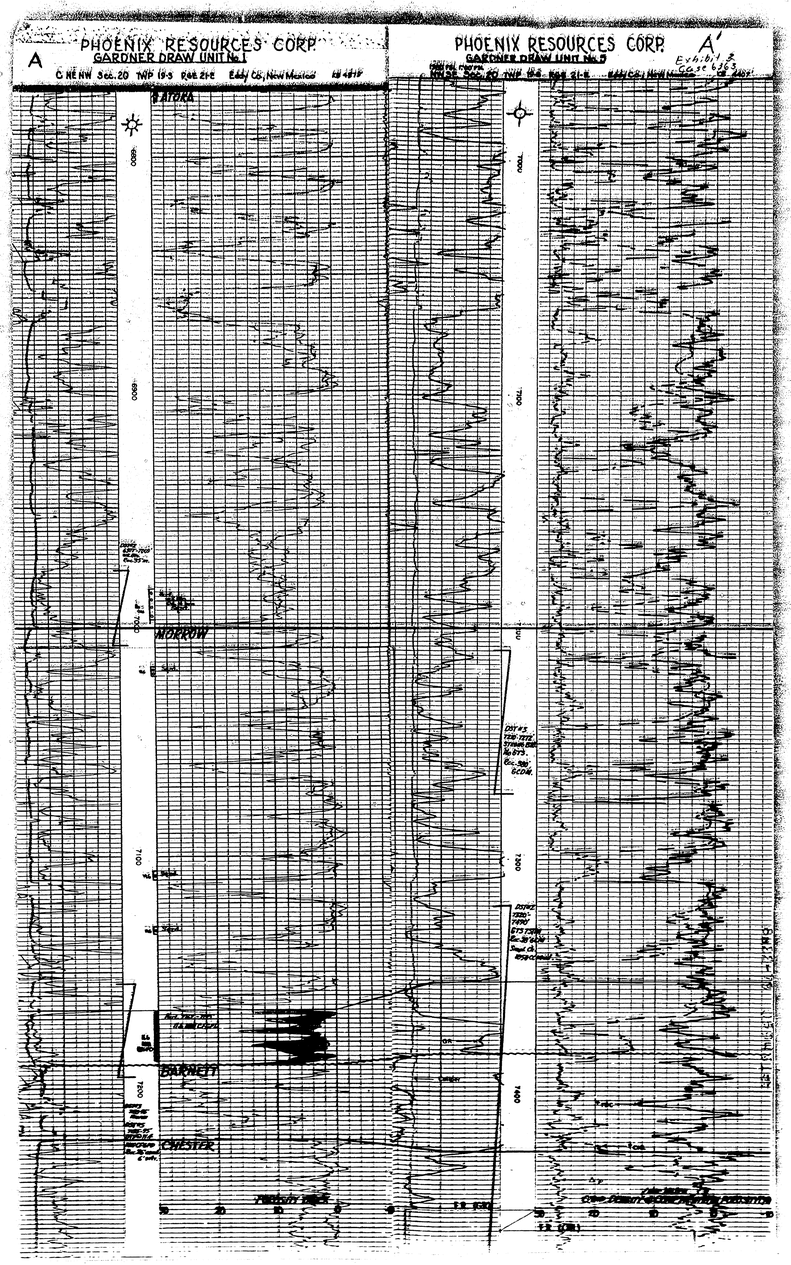
STRUCTURE CONTOUR MAP

TOP SAND, MORROW FORMATION

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
EXHIBIT NO. 2
CASE NO. 6363

CI= 200'

SCALE: 1"=4000'


A
PHOENIX RESOURCES CORP.
GARDNER DRAW UNIT No. 1
C NE NW Sec. 20 TWP 19-S RGE 21-E Eddy Co, New Mexico
A'
PHOENIX RESOURCES CORP.
GARDNER DRAW UNIT No. 5
Exhibit B
Case 6853
BARNETT
CHESTER

Case No.
6367

Large Exhibits

TITLE LOG
EAST MASON GRAYBURG-SAN ANDRES UNIT

UNIT - WELLS

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
APPLICANT'S EXHIBIT NO. 14
CASE NO. 8317

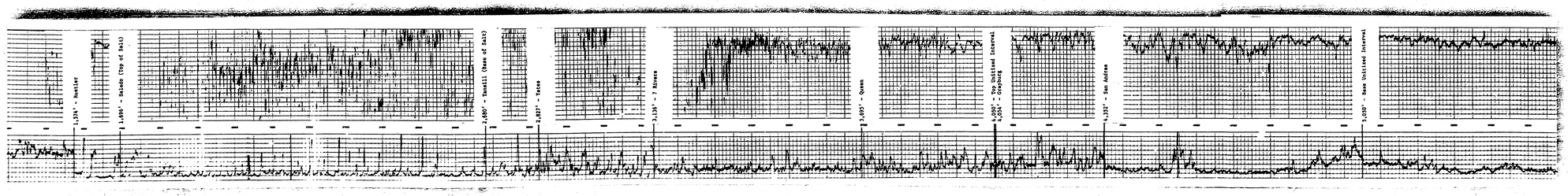
245' - Chida (Redbeds)

1,574' - Rustler

1,690' - Salado (Top of Salt)

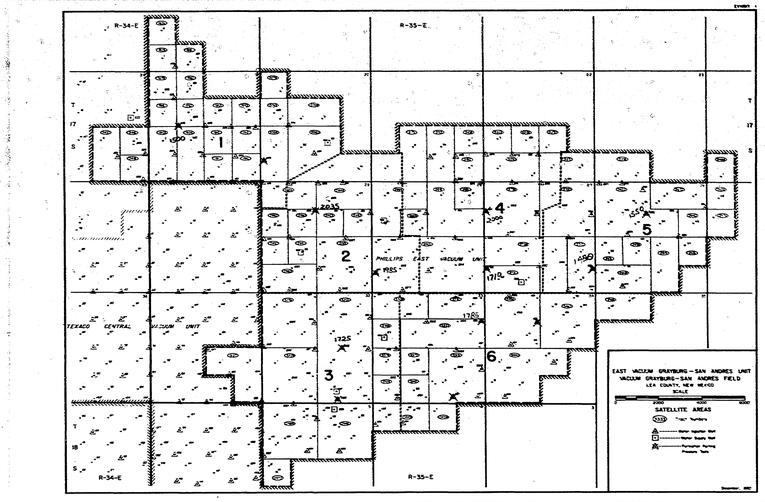
2,400' - Tansill (Base of Salt)



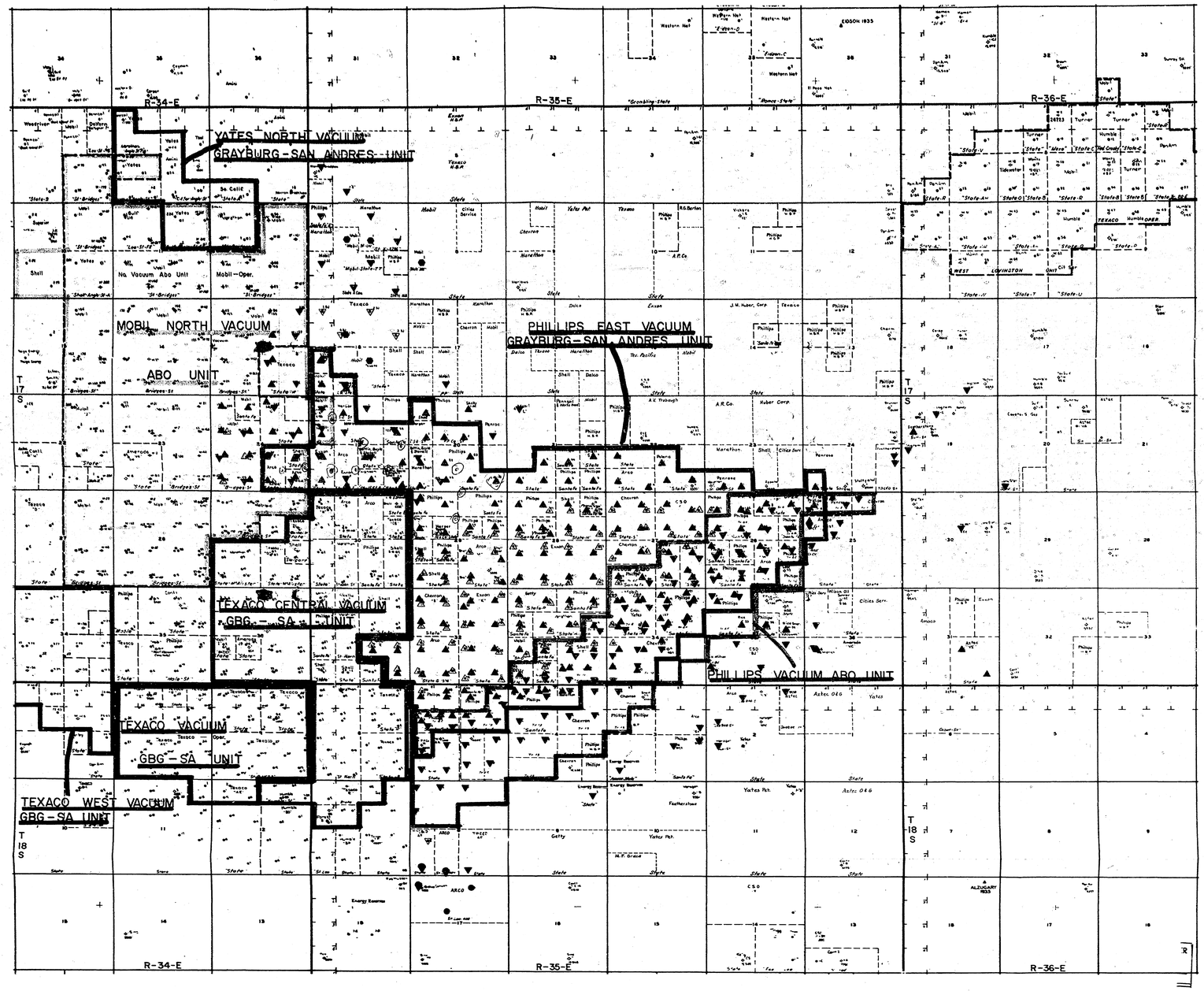


U.S.G.S. TOPOGRAPHIC

4,252' - San Andres
5,000' - Base Unkissed Interval
5,968' - Glorieta



U.S.B.C.F. TECHNOGRAPHICS
BEST AVAILABLE COPY



EAST VACUUM GRAYBURG-SAN ANDRES AREA
VACUUM FIELD
LEA COUNTY, NEW MEXICO

SCALE

0 1000' 2000' 4000' 6000'

LEASE OWNERSHIP AND RESERVOIR DESIGNATION

LEGEND

- Phillips East Vacuum Grayburg - San Andres Unit
- Phillips Vacuum Abo Unit
- Texaco Central Vacuum Grayburg - San Andres Unit
- Texaco Vacuum Grayburg - San Andres Unit
- Texaco West Vacuum Grayburg - San Andres Unit
- Mobil North Vacuum Abo Unit
- Yates North Vacuum Grayburg - San Andres Unit

- SWD
- Injection Wells
- P & A
- Yates
- Grayburg - San Andres
- Glorieta

- Drinkard
- Abo
- Wolfcamp
- Pennsylvanian
- Morrow
- Devonian

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
EL Paso EXHIBIT NO. 17
CASE NO. 4267