Case No
4020

Large Exhibits

W.N.C.C.P. MICROMAPPING

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LANE WELLS — SIMULTANEOUS acoustilog DUAL-SPACED

A SERVICE OF SCHLUMBERGER

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO. 3620

COMPANY BURK ROYALTY COMPANY

WELL HANSON FEDERAL NO. C-4

FIELD LYNCH

COUNTY LEA STATE NEW MEXICO

LOCATION: 1650' FSL & 1650' FWL — Other Services

SEC 23 TWP 20-S RGE 34-E

Permanent Datum: GROUND LEVEL Elev. 3672.2 — Elevations: KB 3687, DF 3681, GL 3672.2

Log Measured From: K. B. 9.8 Ft. Above Permanent Datum

Drilling Measured From: K. B.

Date	1-25-64			
Run No.	ONE			
Depth—Driller	3652			
Depth—Logger	3636			
Bottom Logged Interval	1630			
Top Logged Interval	SURFACE			
Casing—Driller	8 5/8@ 258	@	@	@
Casing—Logger	258			
Bit Size	7 7/8"			
Type Fluid in Hole	SALT MUD			
Density and Viscosity	10	39		
pH and Fluid Loss		11.5cc	cc	cc
Source of Sample				
Rm @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	@ °F	@ °F	@ °F	@ °F
Source of Rmf and Rmc				
Rm @ BHT	@ °F			
Time Since Circ.				
Max. Rec. Temp. Deg. F				
Equip. No. and Location	4596 HOBBS			
Recorded By	MASSELL & TAYLOR			
Witnessed By	MR. WALKER			

Hole Diameter: Type Log, Depth, Bit No., Size
Hole Deviation: Type Log, Depth, Size
Source of Sample: Flowline, Pit, Bottom Hole, Other
Rm @ Meas. Temp.: Flowline, Pit, Bottom Hole, Other
Rmf @ Meas. Temp.: Flowline, Pit, Bottom Hole, Other
Rmc @ Meas. Temp.: Flowline, Pit, Bottom Hole, Other
Source of Rmf and Rmc: Flowline, Pit, Bottom Hole, Other
Rm @ BHT: Flowline, Pit, Bottom Hole, Other

REMARKS

TC - 2.0 & 0.9 sec.
TOS SPEED - 20 & 60

DETECTOR TYPE DUAL
OPTIMUM LENGTH 5'-3"

SEN. SETTING 1000
ZERO DIV. 1 or 8 1 9

ACOUSTILOG
T.3.8.,1.R.3 R.

SPECIFIC ACOUSTIC TIME
Velocity — 1000 ft/sec: 10, 11, 12, 13, 15, 20, 25
Microseconds per Foot: 100, 95, 90, 85, 80, 75, 70, 65, 60, 55, 50, 45
1' SPACING
3' SPACING

DEPTH
100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400

GAMMA RAY
Recorded on Linear Accelerator

10 gAPI/CD
100 API
0 API

W.N.M.C.F. MICROGRAPHICS
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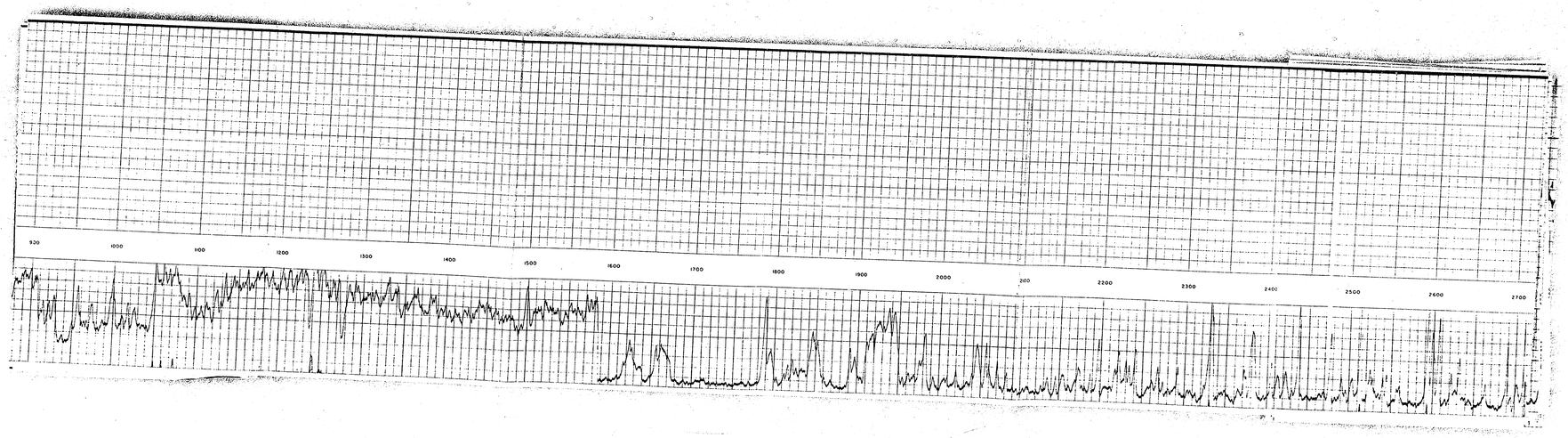

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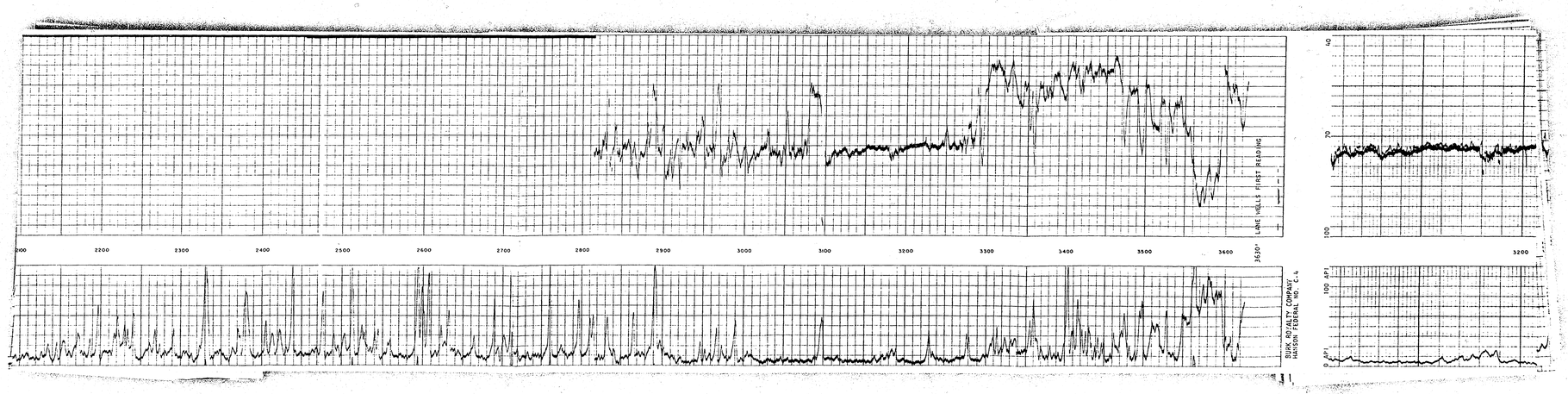

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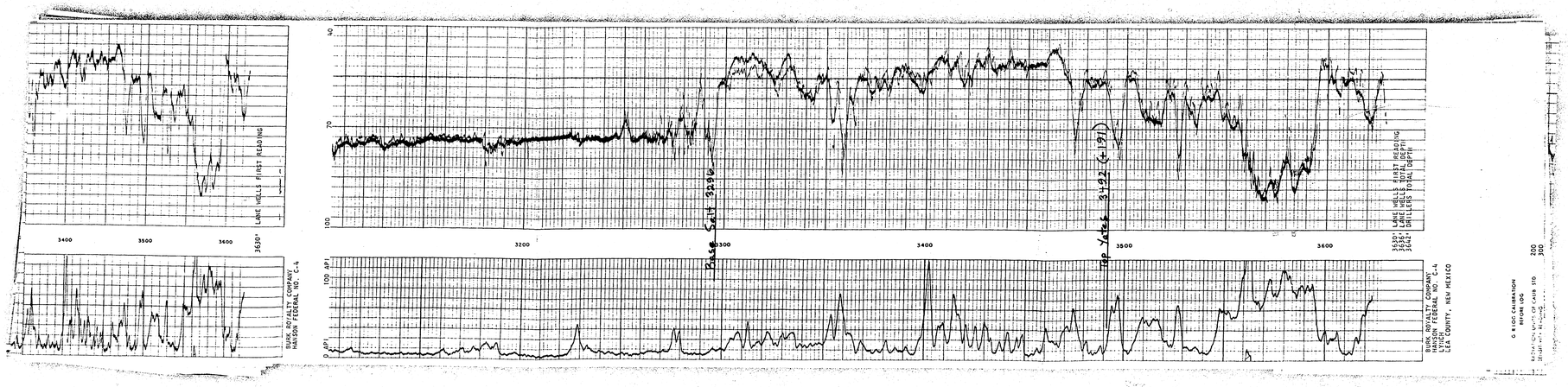

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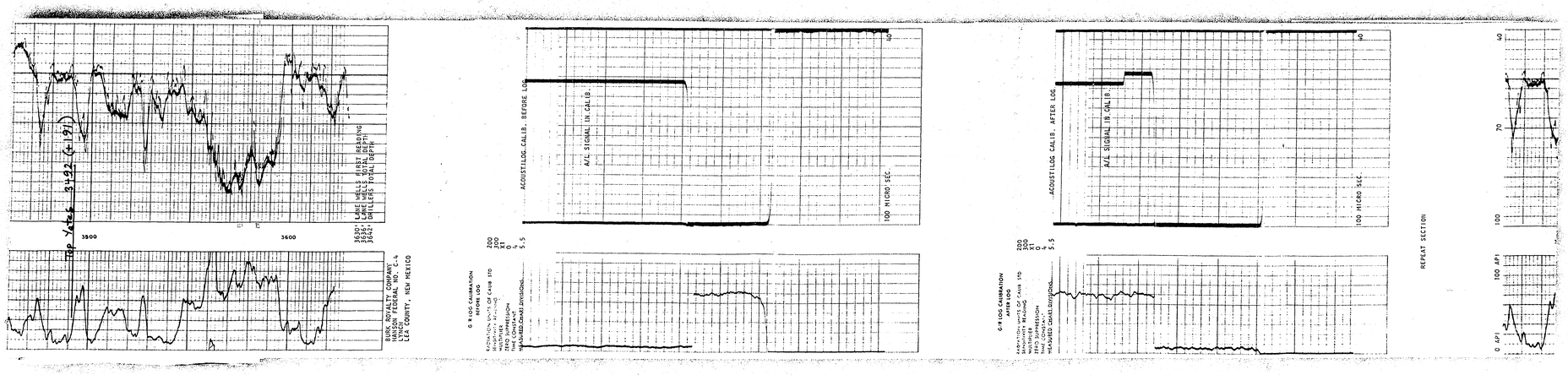

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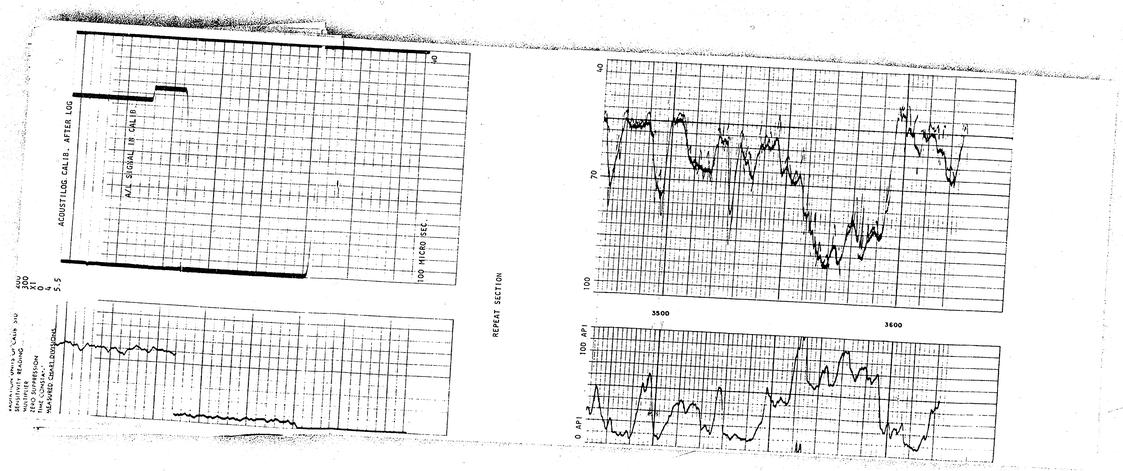

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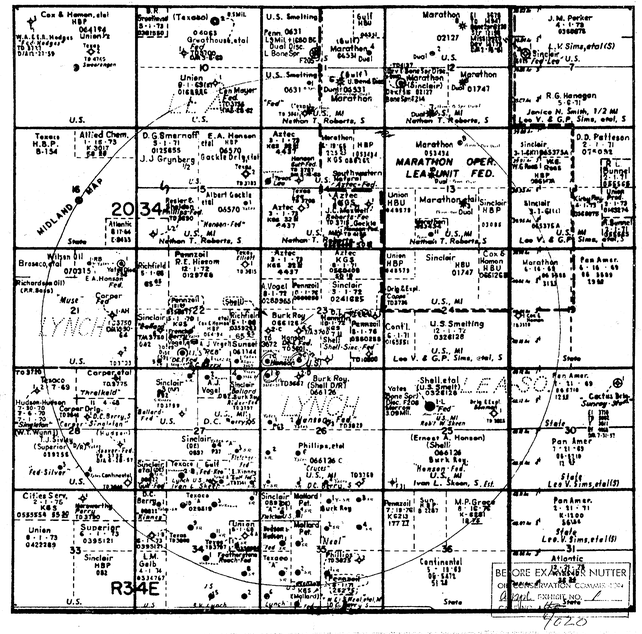

N.M.O.C.C. MICROGRAPHICS
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