



**Amoco Production Company
San Juan Business Unit**

1670 Broadway
Post Office Box 800
Denver, Colorado 80201
303-830-4040

July 8, 1997

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P.O. Box 6429
Santa Fe, NM 87505

**Application For Deviated Wellbore - Rule 111.C.
E.E. Elliott B #7
Unit H Section 27-T30N-R9W (Surface Location)
Unit B Section 27-T30N-R9W (Bottomhole Location)
Blanco Mesaverde Pool
San Juan County, New Mexico**

RECEIVED
N JUL 16 1997

OIL COLL. DIV.
DIST. 3

Amoco Production Company hereby requests administrative approval to enter the existing wellbore in the E.E. Elliott B #7 well referenced above and directionally drill the well in the Blanco Mesaverde Pool. The well is currently completed in the Dakota formation. Directionally drilling the well through the Mesaverde will provide an opportunity to encounter the naturally occurring fracture system in the Mesaverde formation which could increase the producing rate and ultimate recovery of gas for this well. We are requesting the Project Area for this well to be the Blanco Mesaverde gas proration unit consisting of the N/2 Section 27, T30N-R9W with the Producing Area for the well to consist of a rectangle inside the gas proration unit that is not closer than 790 feet from the outer boundaries of the gas proration unit.

In accordance with Rule 111-D.(2), attached to aid in your review are:

- 1) a plat showing the well location, project area and producing area for the project well and the offset spacing units, their wells and operators;
- 2) a vertically oriented plan view for the project well showing top and bottom of the pool, degree of angle to be built, kickoff point, penetration point and lateral length;
- 3) a horizontal plan view for the project well showing the project area, producing area, estimated azimuth and maximum length of the lateral;
- 4) a type log section identifying the top and bottom of the pool.

As notification, a copy of this application will be sent by certified mail return receipt requested to the offset operators shown on the attached list advising them that if they have any objection, it must be filed in writing within (20) days of the date notice was sent.

Sincerely,

Pamela W. Staley

Attachments

cc: Mark Rothenberg, Amoco
Nancy Whitaker, Amoco
Well File
Proration Files

OFFSET OPERATOR LIST

E.E. Elliott B # 7

Burlington Resources Oil and Gas Co.

P.O. Box 4289

Farmington, NM 87499

Turner Production Company (Dakota Rights only - courtesy notice)

P.O. Box 111

Farmington, NM 87499

DATA SUMMARY SHEET

WELLNAME

E.E. Elliott B #7

API

3004509193

LOCATION

Unit H Section 27-T30N-R9W (Surface Location)

Unit B Section 27-T30N-R9W (Bottomhole Location)

ACREAGE IN SPACING UNIT

320 Acres N/2

LOCATION FOOTAGES

1800 FNL x 990 FEL (Surface Location)

1200 FNL x 1414 FEL (Bottomhole Location)

STANDARD LOCATION?

YES

OTHER WELL(S) PRODUCING IN SPACING UNIT IN MESAVERDE POOL

E.E. Elliott B #2 (3004509225) (UNIT A)

E.E. Elliott B #2A (3004522060) (UNIT D)

REASON FOR DEVIATION OR DIRECTIONAL DRILLING

DEVIATED TO ENCOUNTER FRACTURED FEATURE AT ORTHODOX LOCATION

KICKOFF POINT

4605'

DIRECTION TO BE DRILLED

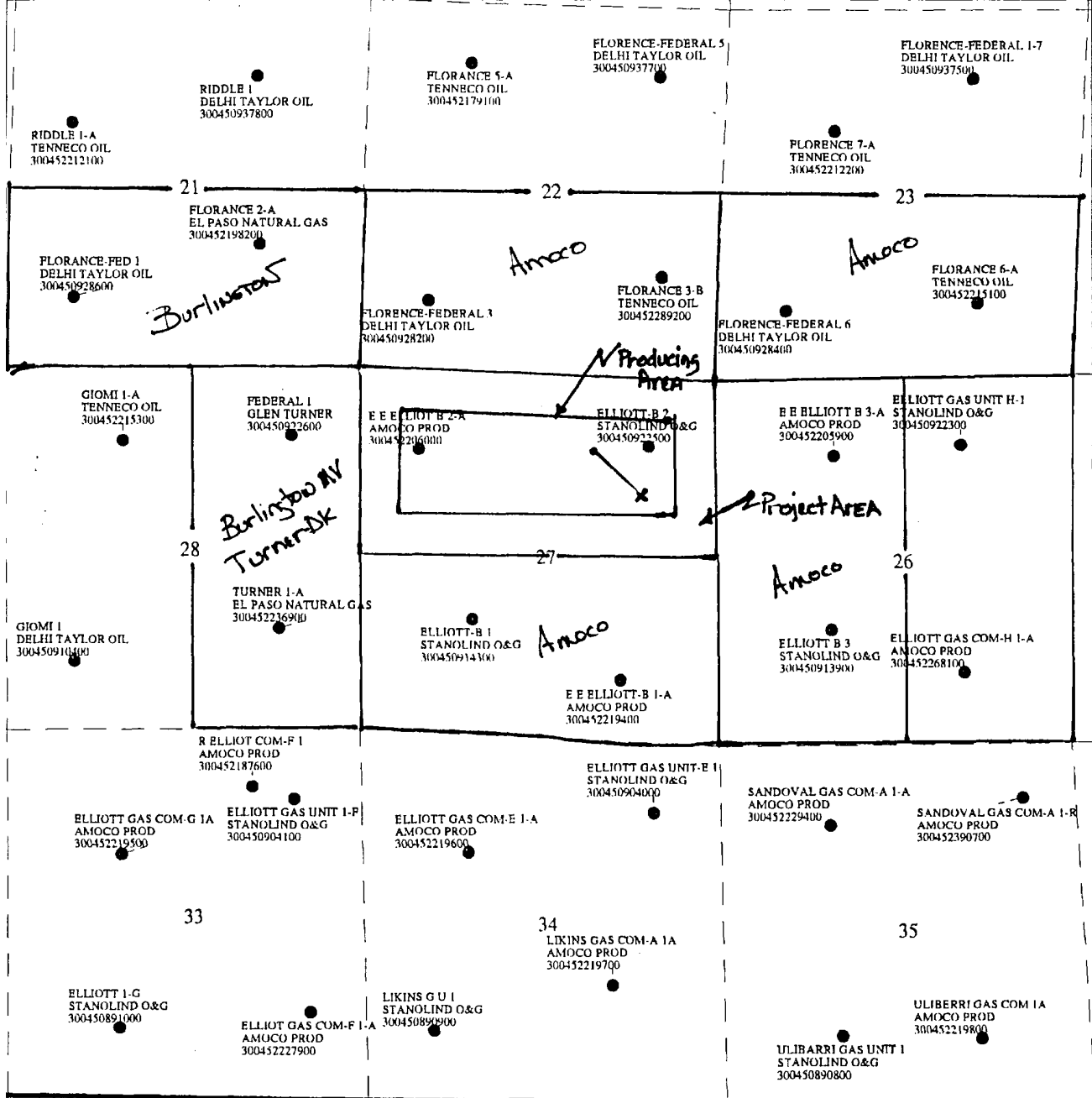
NORTHWEST

TYPE CURVE

HIGH ANGLE

LATERAL DISTANCE FROM VERTICAL OR ORIGINAL WELLBORE

735' AT 325 DEGREES AT A TD OF APPROXIMATELY 5521'



T30

T29

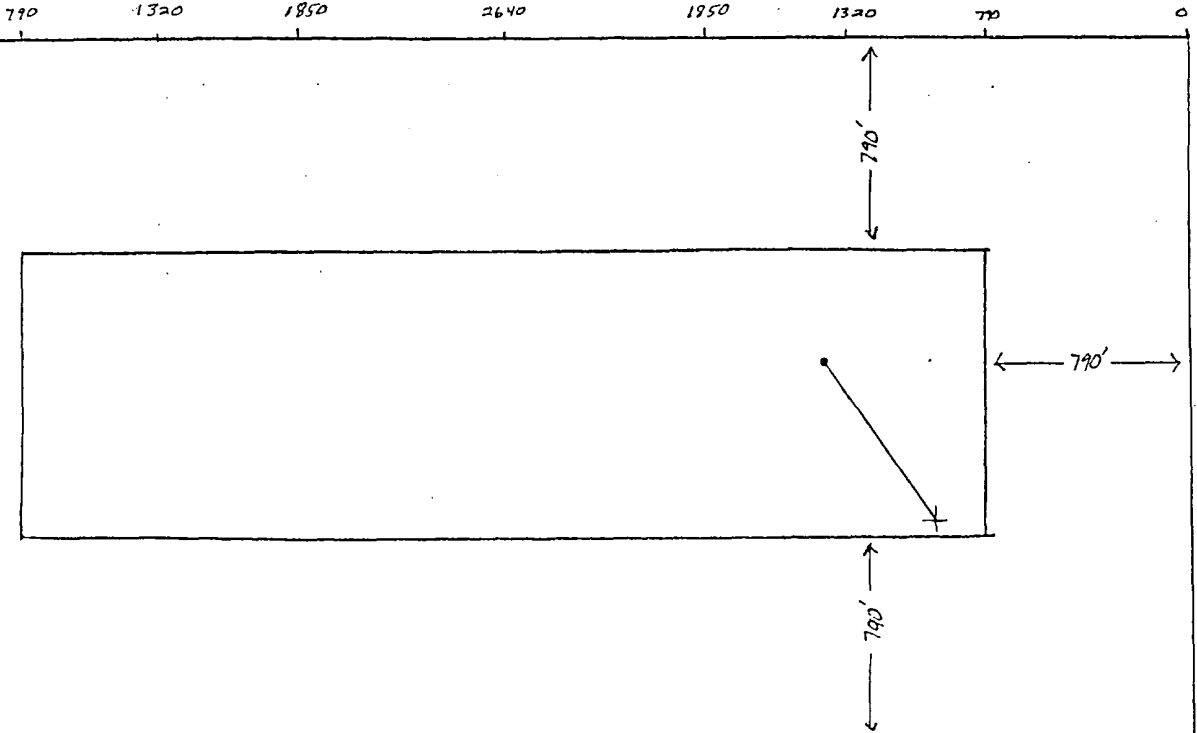
R9W

AMOCO

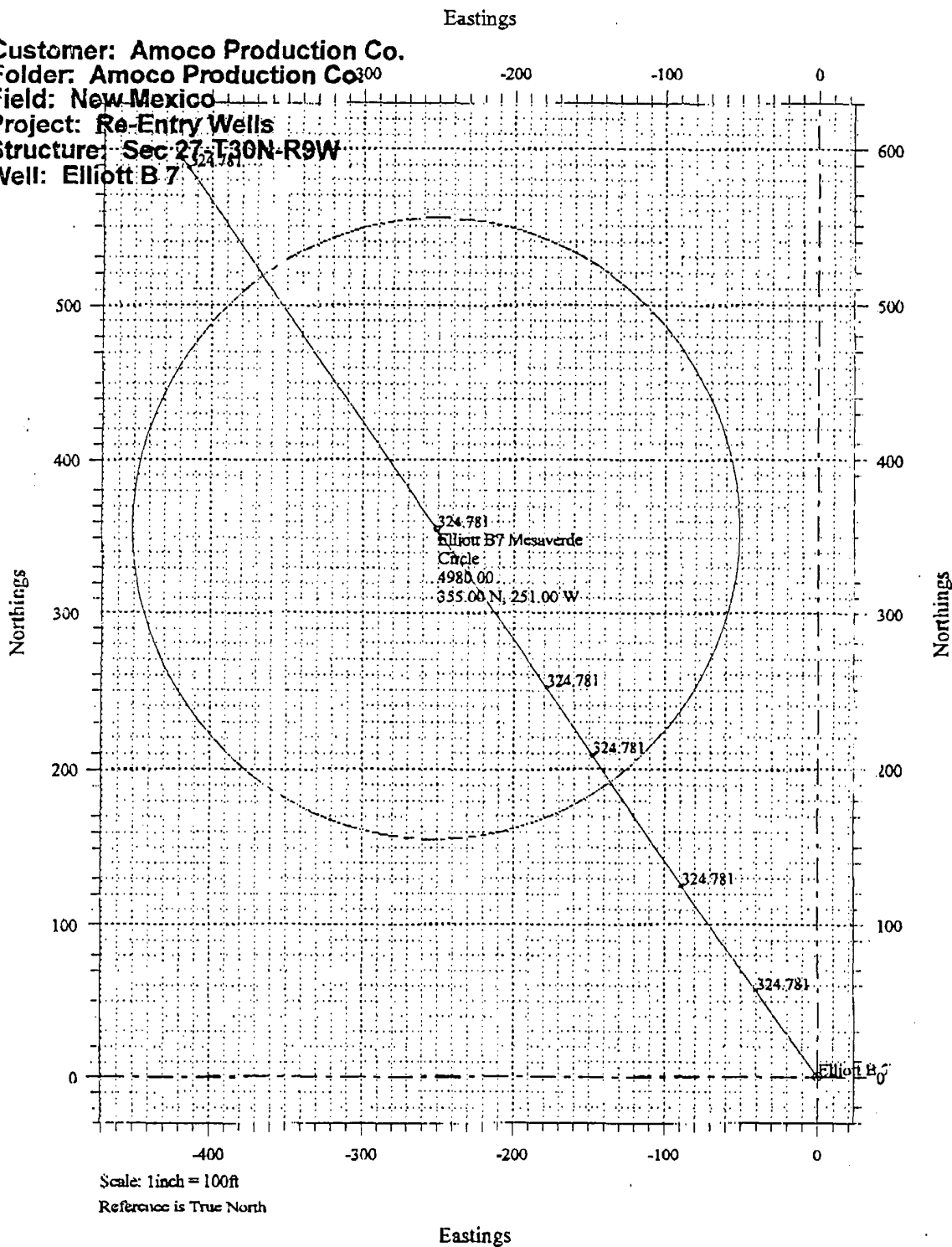
Type of Map:	
Datum:	
Block(s)/Grid(s):	
Area/Country:	License:
Interpreter(s):	Date: June 25, 1997

SUBJECT Elliott B 7 - 3004509193

1800' FNL x 990' FEL SEC 27-30N-9W



Customer: Amoco Production Co.
 Folder: Amoco Production Co.
 Field: New Mexico
 Project: Re-Entry Wells
 Structure: Sec 27, T30N-R9W
 Well: Elliott B 7



Scale: 1 inch = 100ft
 Reference is True North

Prepared:

Checked:

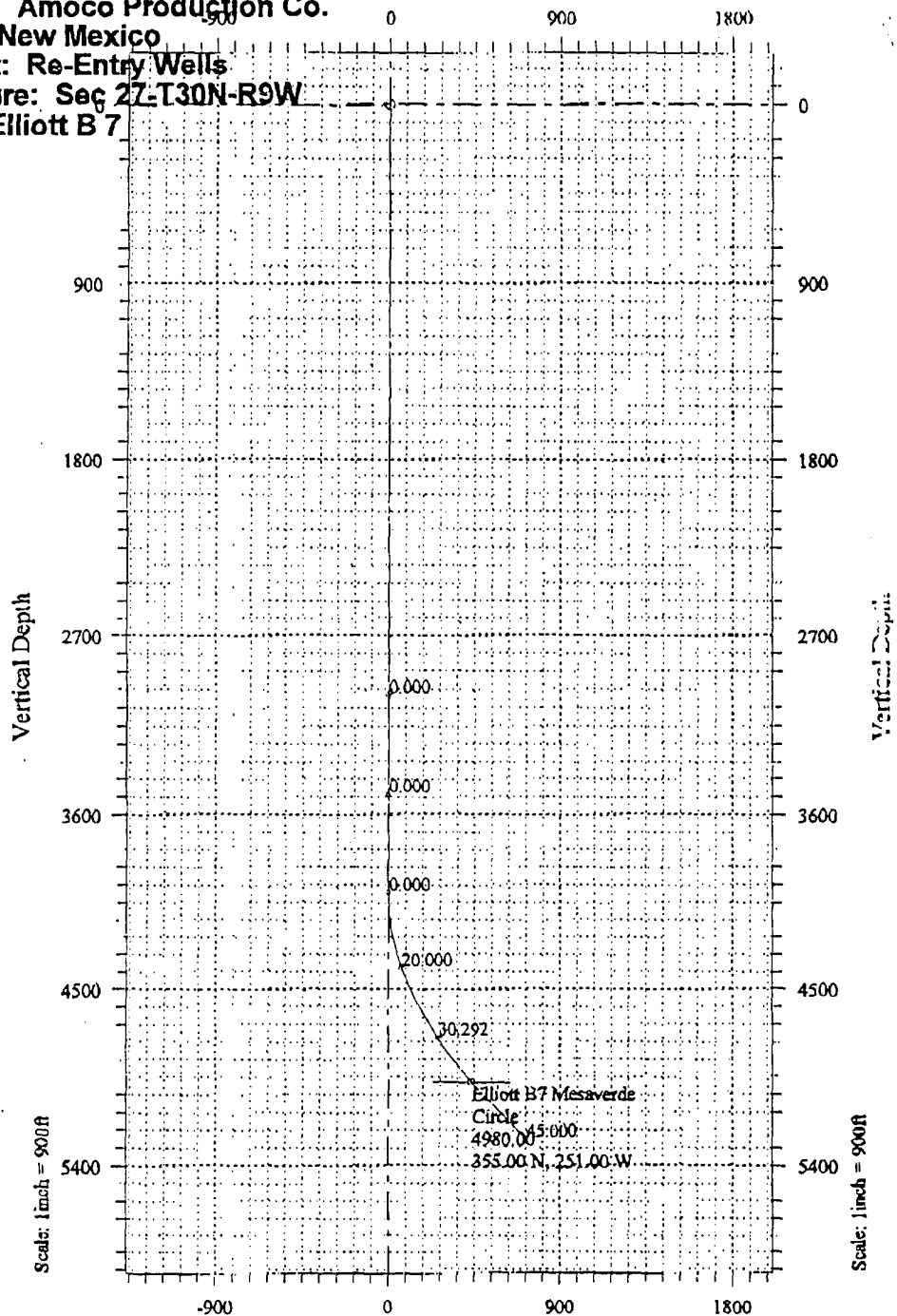
Approved:

Vertical Section

Scale: 1 inch = 900 ft

Customer: Amoco Production Co.
Folder: Amoco Production Co.
Field: New Mexico
Project: Re-Entry Wells
Structure: Sec 27-T30N-R9W
Well: Elliott B 7

Section Azimuth: 529.738 (True North)



Scale: 1 inch = 900ft

Section Azimuth: 324.738 (True North)

Vertical Section

Prepared:

Checked:

Approved:

Sperry-Sun Drilling Services

Proposal Report for Elliott B 7 - Re-Entry Well



Amoco Production Co.
New Mexico

Re-Entry Wells
Sec 27-T30N-R9W

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00	
3000.00	0.000	0.000	3000.00	0.00 N	0.00 E	0.00	0.000
3500.00	0.000	0.000	3500.00	0.00 N	0.00 E	0.00	0.000
4000.00	0.000	0.000	4000.00	0.00 N	0.00 E	0.00	0.000
4805.83	30.292	324.738	4578.00	127.75 N	90.32 W	156.45	5.000
4802.38	30.292	324.738	4747.72	208.70 N	147.56 W	255.59	0.000
5098.55	45.000	324.738	4980.00	355.00 N	251.00 W	434.77	5.000
5520.81	45.000	324.738	5280.00	599.96 N	424.19 W	734.77	0.000

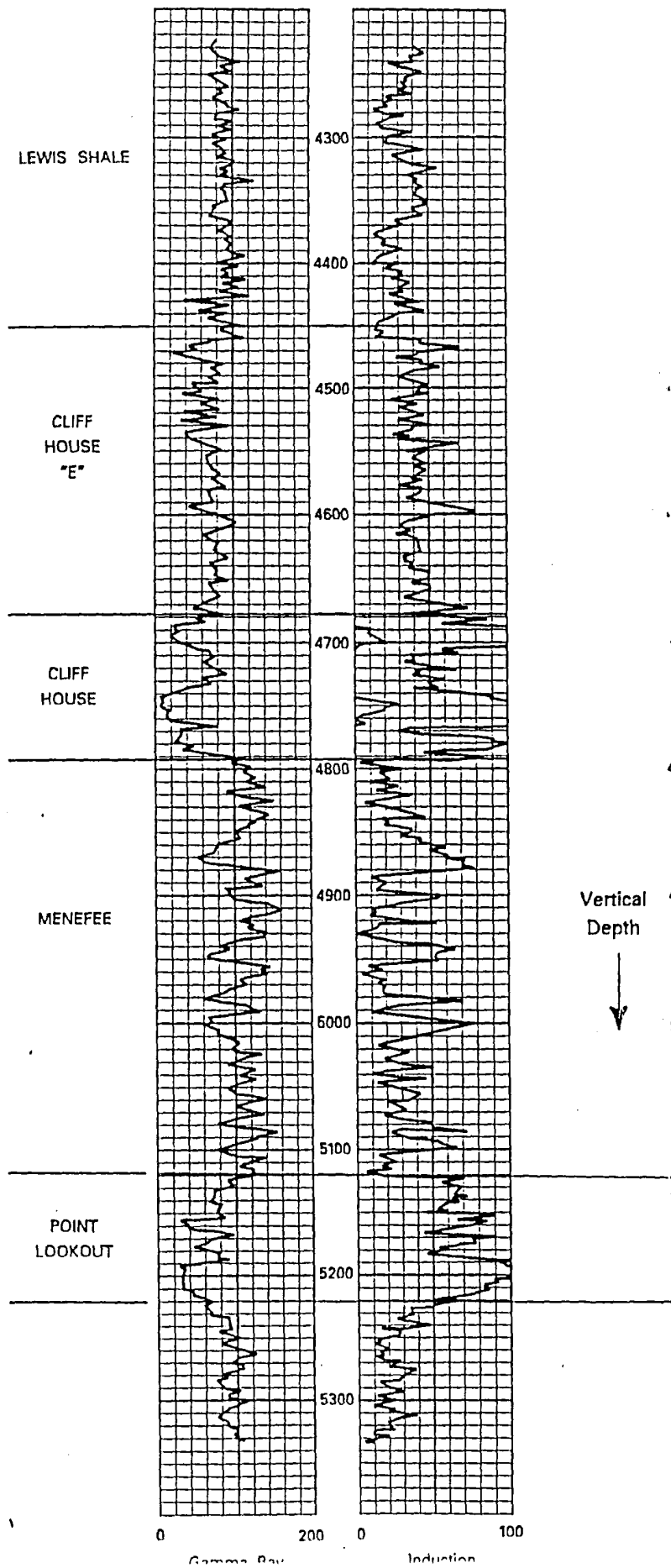
All data is in feet unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to Well. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100ft.

Vertical Section is from Well and calculated along an Azimuth of 324.738° (True).

Coordinate System is NM-W. Grid Convergence at Surface is 0.043°.

Based Upon Minimum Curvature type calculations, at a Measured Depth of 5520.81ft.,
The Bottom Hole Displacement is 734.77ft., in the Direction of 324.738° (True).



LANE WELLS



*Gamma Ray
Neutron*

WELL FILE DOCUMENTS

STRIES, INC.



W00171030

FILE NO.

COMPANY PAN AMERICAN PETROLEUM CORP.

WELL E. E. ELLIOT B. N° 7

FIELD BASIN DAKOTA

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION: 1800' FNL & 990' FEL

Other Services

SEC 27 TWP 30N RGE 9W

Permanent Datum G. L. Elev. 5930

Log Measured from K. B. OR, 12 Ft. Above Permanent Datum

Drilling Measured from K. B.

Elevations:

KB 5942

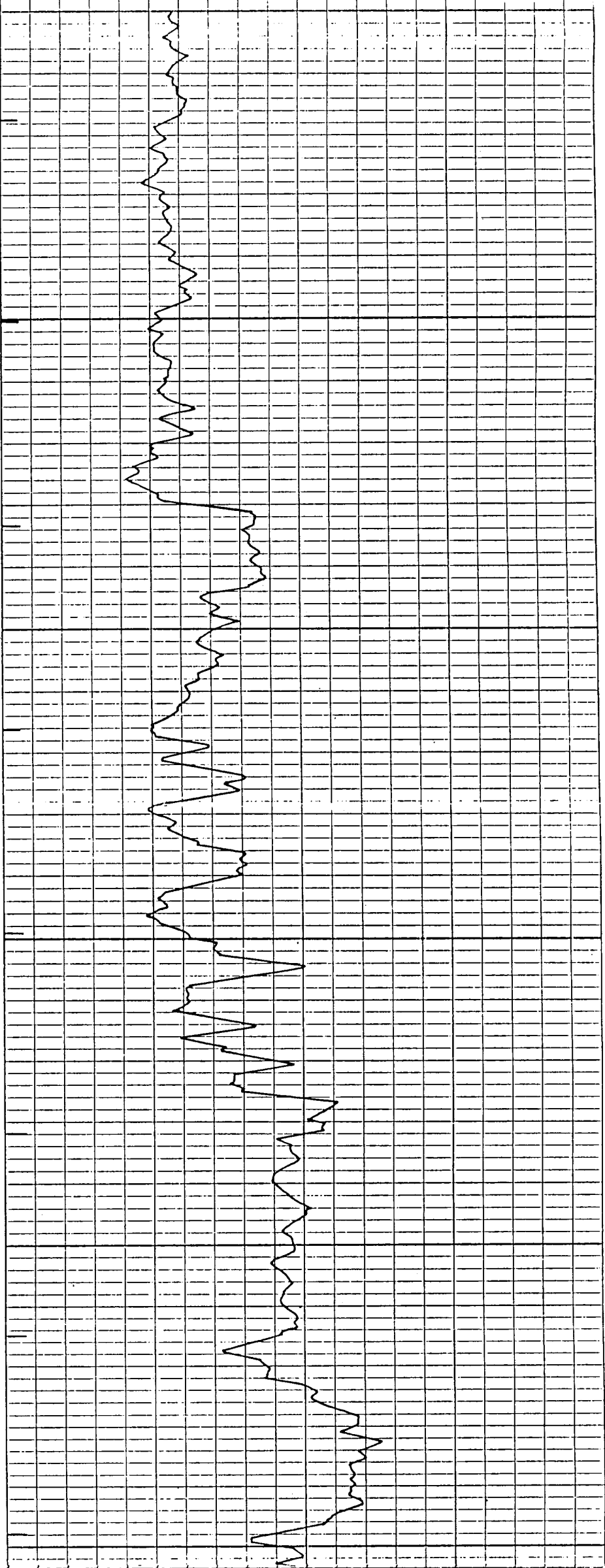
DF 5941

GL 5930

Date	7-23-64		
Run No.	TWO		
Type Log	G/R NN		
Depth-Driller	7250		
Depth-Logger	7249		
Bottom Logged Interval	7248		
Top Logged Interval	SURFACE		
Type Fluid in Hole	WATER		
Salinity Ppm Cl.	-		
Density lb./Gal.	-		
Level	FULL		
Max. Rec. Temp. Deg. F	-		
Opr. Rig Time	5 HOURS		
Recorded By	DICKERSON		
Witnessed By	MR. HOLLINGSWORTH		

Run No.	Bore Hole Record			Casing Record			
	Bit	From	To	Size	Wgt.	From	To
2	12 1/4	0	311	9 5/8	32.3	0	311
2	8 3/4	311	4872	7	20-23	0	4872
2	6 1/4	4872	7263	4 1/2	10.5	0	7263

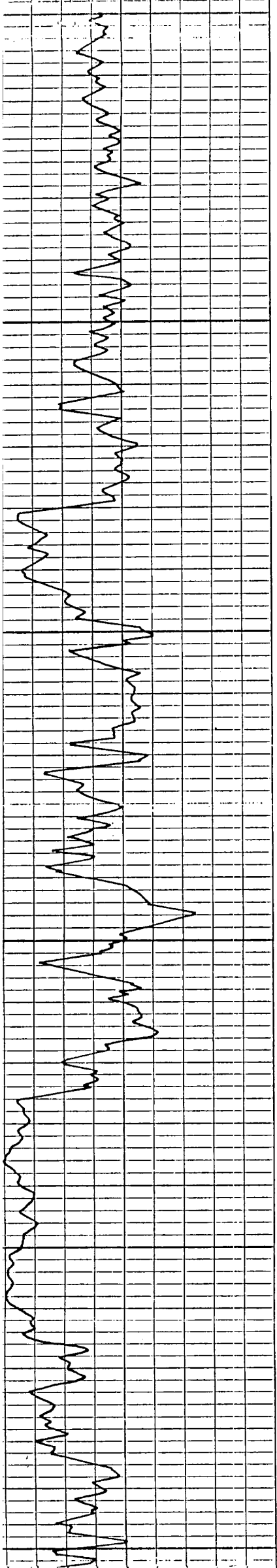
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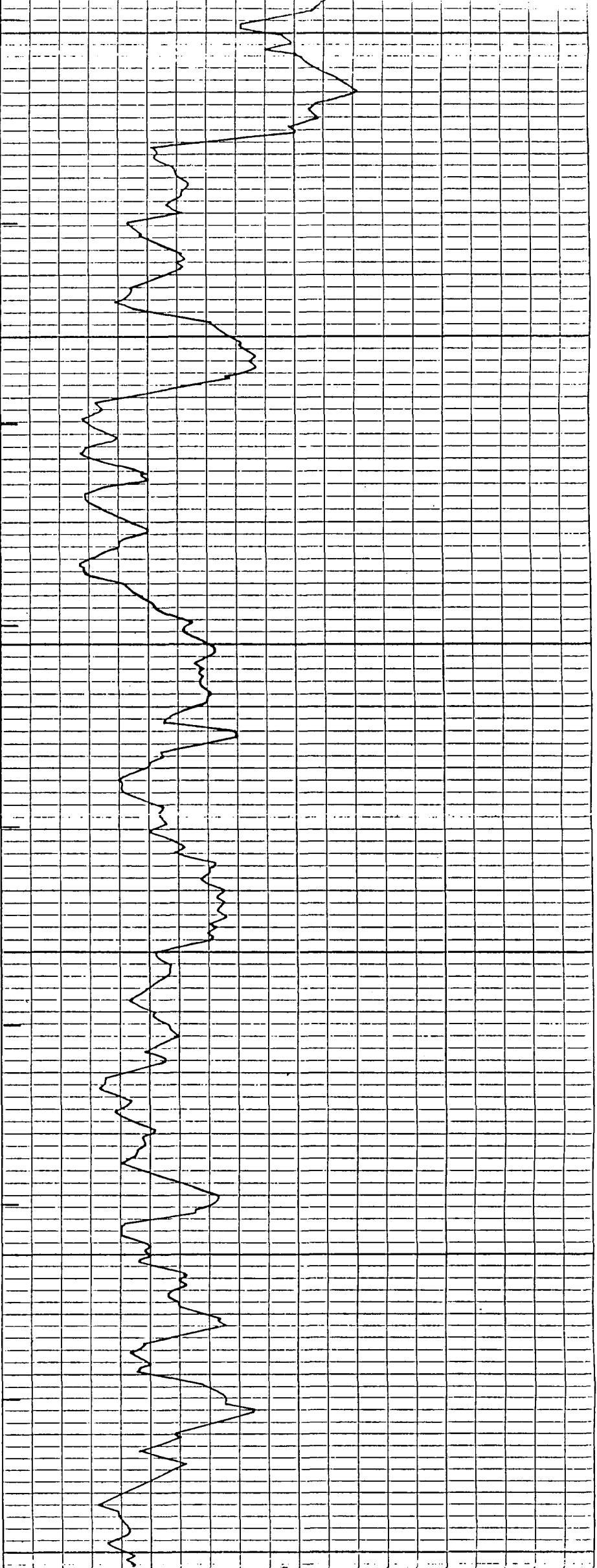


4200

4300

4400

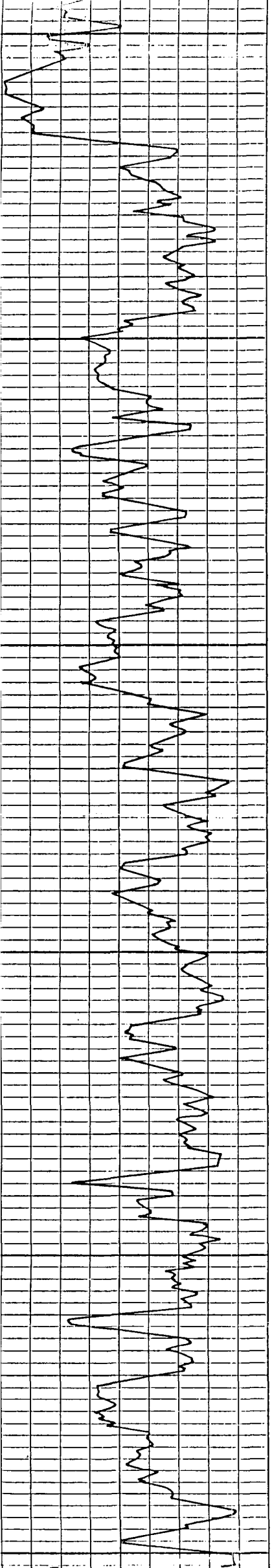


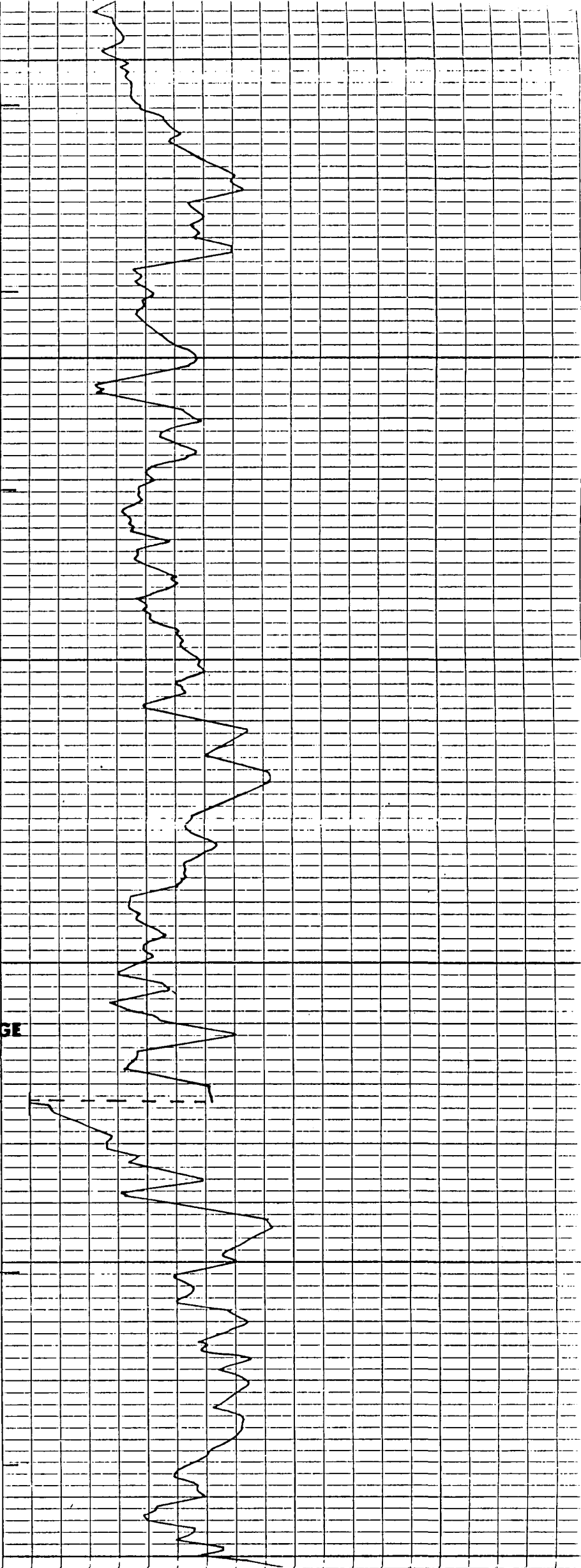


4500

4600

4700





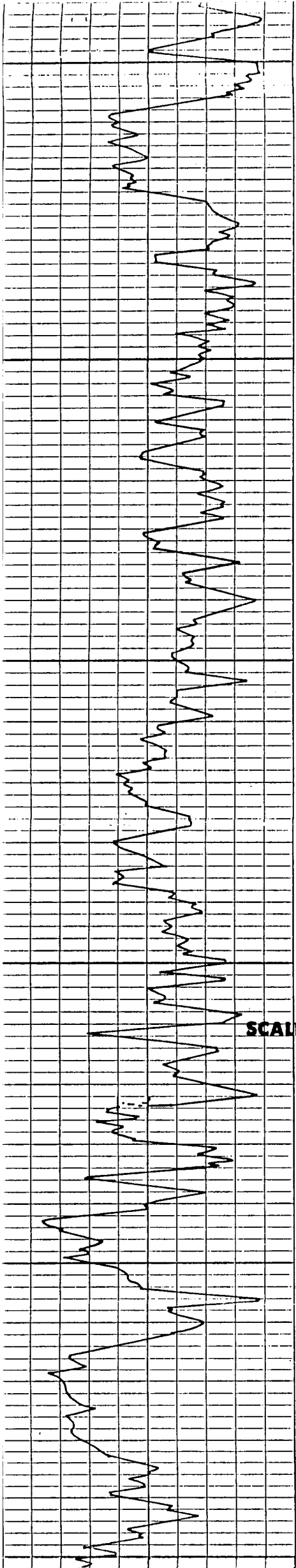
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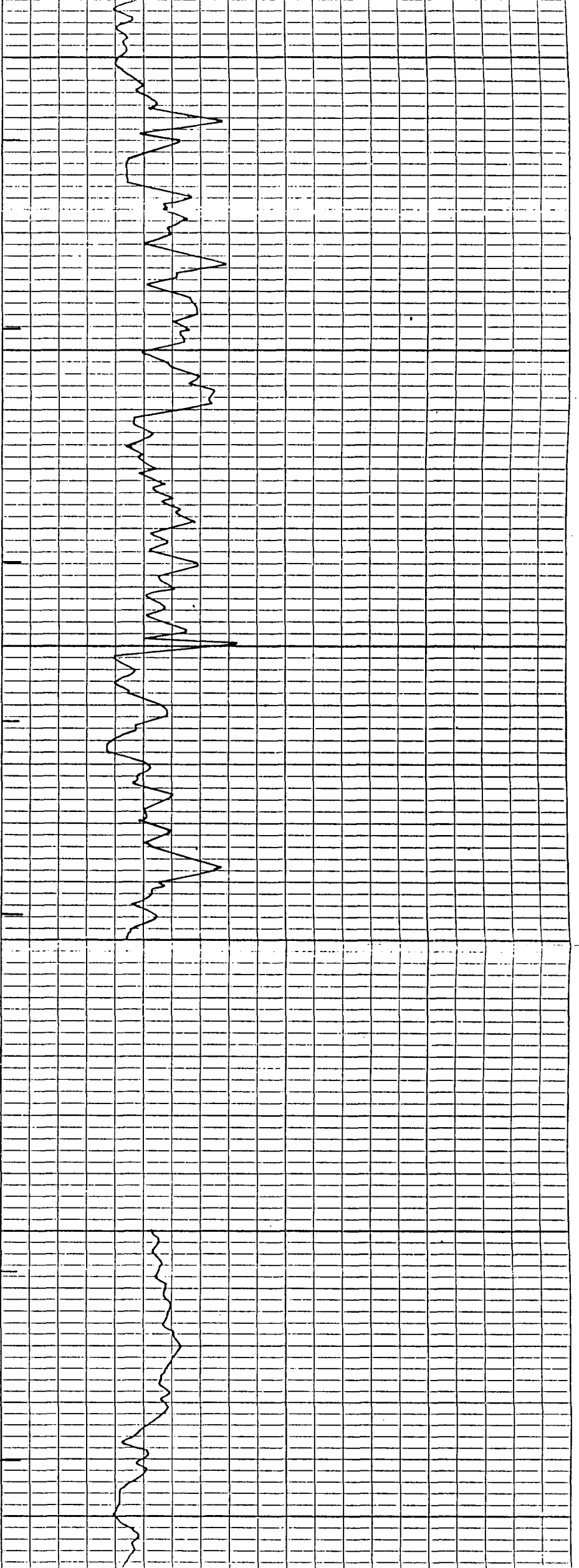
4800

4900

SCALE CHANGE

7"

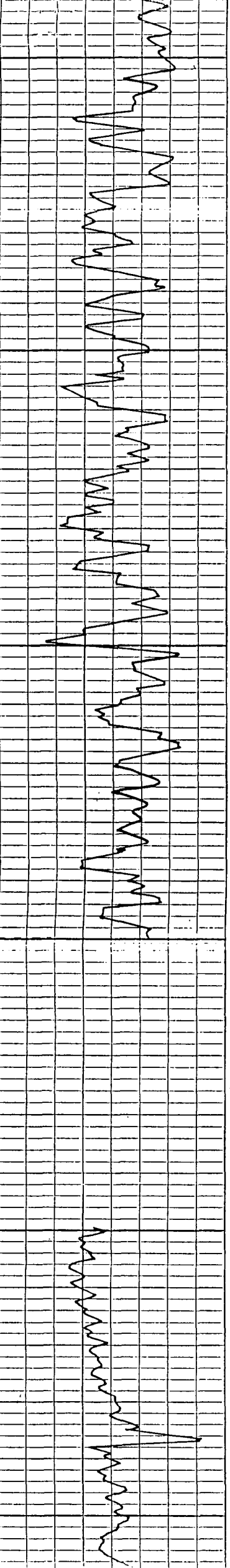


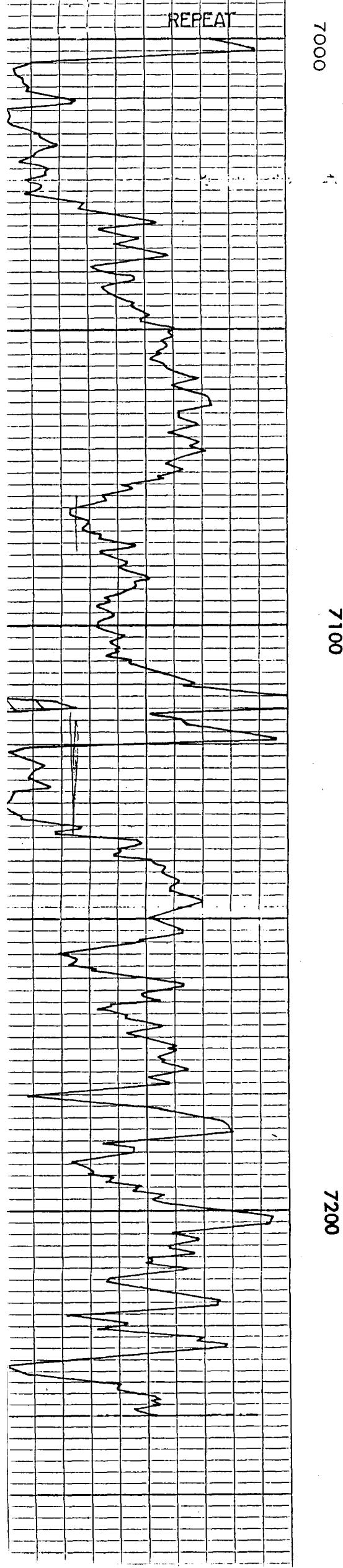
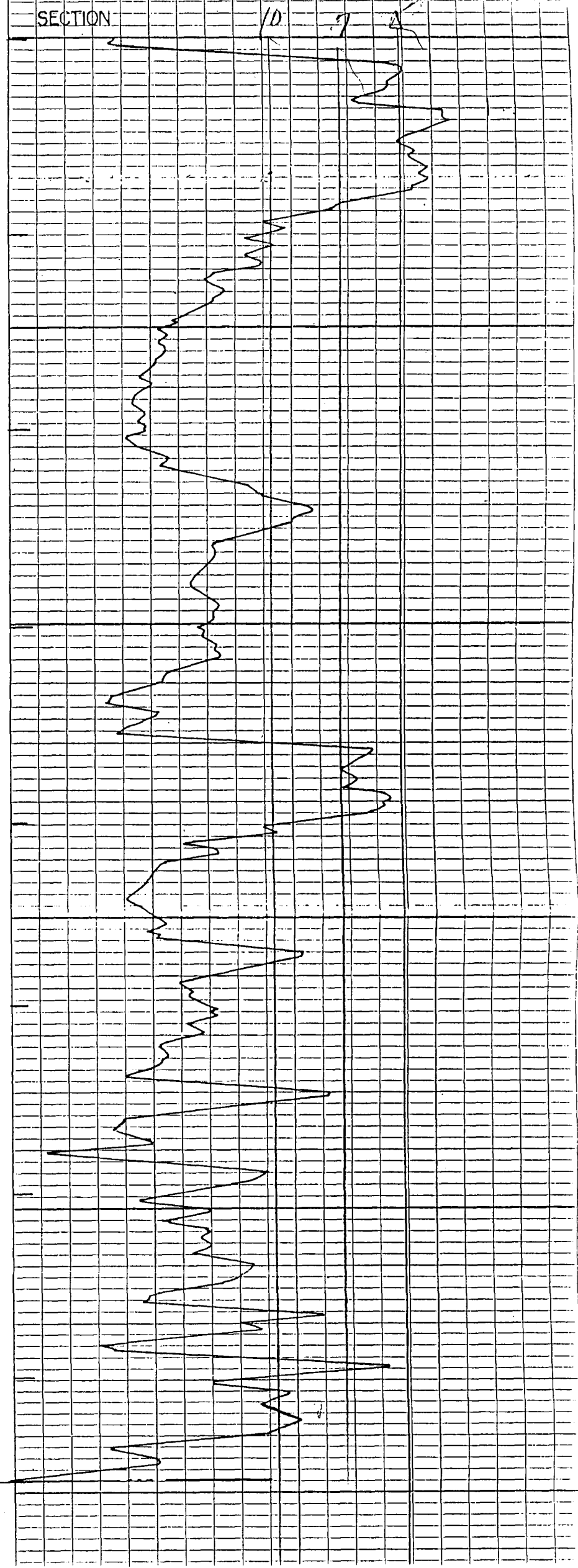


5100

5200

6500





311 South First, Artesia, NM 88210

Revised October 18, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 CopiesDISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004509193		Pool Code 72319	Pool Name BLANCO MESAVERDE GAS POOL	
Property Code 000470	Property Name E. E. ELLIOTT B			Well Number # 7
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY			Elevation 5942 RKB

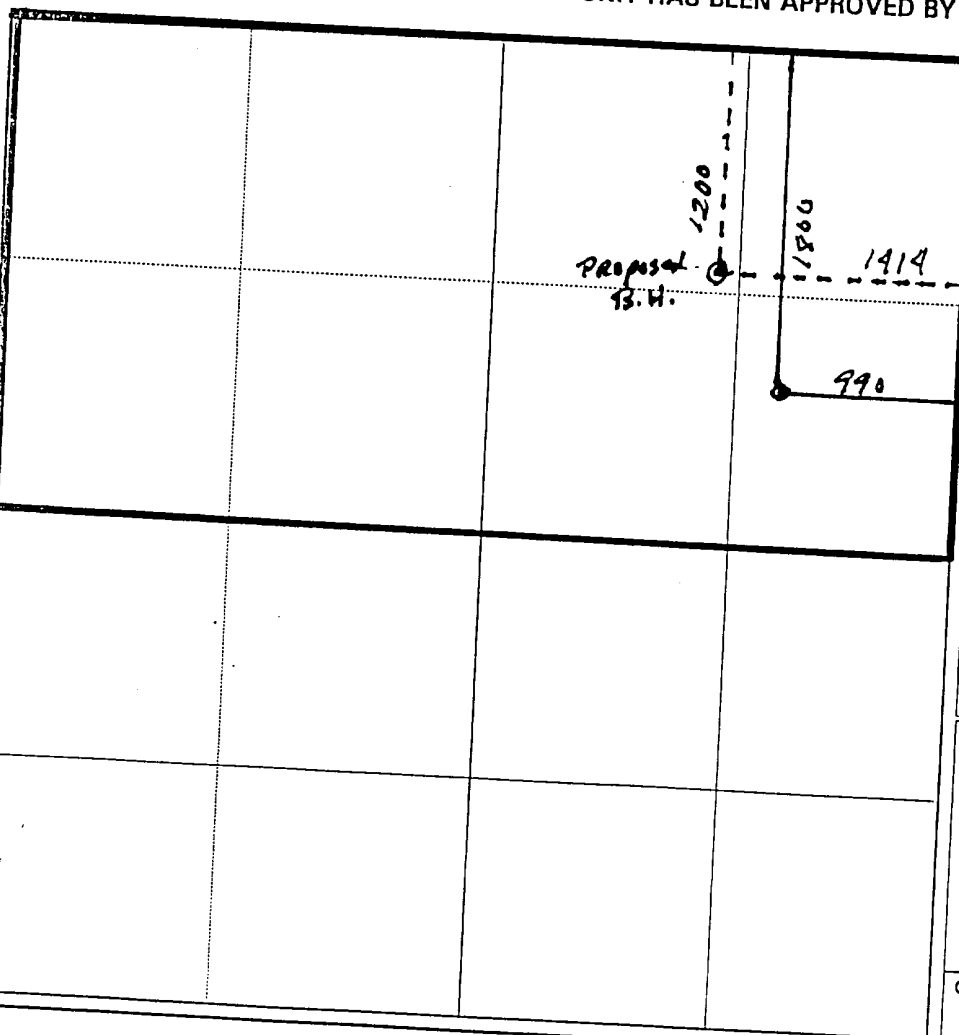
Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT H	27	30N	9W		1800	NORTH	990	EAST	San Juan

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Unit B	27	30N	9W		1200	NORTH	1414	EAST	San Juan
Dedicated Acreage: 320		Joint or Infill		Consolidation Code		Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

Nancy I. Whitaker

Printed Name

Nancy I. Whitaker

Position

Staff Assistant

Date

07/02/1997

SURVEY CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

06/10/1964

Date of Survey

Signature & Seal of Professional Surveyor

ERNEST ECHOHAWK

Certificate No.

3602