

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

SF - 078139

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

E. E. ELLIOTT B #7

9. API Well No.

3004509193

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

11. County or Parish, State

SAN JUAN NEW MEXICO

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Attention:

Nancy I. Whitaker

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

303-830-5039

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1800 FNL

990 FEL

Sec. 27 T 30N R 9W

UNIT H

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☒
- Notice of Intent
-
- ☐
- Subsequent Report
-
- ☐
- Final Abandonment Notice

- ☐
- Abandonment
-
- ☐
- Recompletion
-
- ☐
- Plugging Back
-
- ☐
- Casing Repair
-
- ☐
- Altering Casing
-
- ☒
- Other SIDETRACK

- ☐
- Change of Plans
-
- ☐
- New Construction
-
- ☐
- Non-Routine Fracturing
-
- ☐
- Water Shut-Off
-
- ☐
- Conversion to Injection
-
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or
Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

AMOCO PRODUCTION COMPANY REQUESTS PERMISSION TO PERMANENTLY ABANDON THE DAKOTA FORMATION AND
DIRECTIONAL DRILL IN THE MESAVERDE FROM THE EXISTING WELLBORE.

FOR TECHNICAL INFORMATION CONTACT MARK ROTHERBERG 303-830-5612

THIS IS THE THIRD MESAVERDE WELL IN THE SPACING UNIT.

RECEIVED
AUG - 4 1997OIL CON. DIV.
DIST. 3RECEIVED
BLM
97 JUL - 7 PM 1:57
070 FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct

Signed

Title

Staff Assistant

Date

07-02-1997

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instructions on Reverse Side

NMOCT

SJOET Well Work Procedure

E.E. Elliott B 7

Version: #1
Date: June 19, 1997
Budget: Major Cash
Repair Type: Sidetrack

Objectives:

1. Directionally sidetrack DK well into the MV towards fractured feature at high angle.
 2. Drill with natural gas through the fractured intervals.
 3. Complete either open hole or case, perf, and frac.
-

Pertinent Information:

Location:	1800' FNL x 990' FEL; H27-T30N-R09W	Horizon:	DK
County:	San Juan	API #:	30-045-09193
State:	New Mexico	Engr:	M. Rothenberg
Lease:	Federal SF-078139	Phone:	H-(303)841-8503
Well Flac:	91994801		W-(303)830-5612
			P-(303)553-6448

Economic Information:

APC WI:	100%		
Estimated Cost:	\$500,000	Anticipated Prod.:	775
Payout:	3.7 years		
ROI		IRR %	29.6
DROI(13)	.47	PV(13) \$M	284

Note: Estimated costs do not include surface equipment.

Formation Tops: (Estimated formation tops)

Nacimiento:	Menefee:	
Ojo Alamo:	Point Lookout:	
Kirtland Shale:	Mancos Shale:	4859
Fruitland:	Gallup:	6260
Pictured Cliffs: 2340	Graneros:	6904
Lewis Shale: 2560	Dakota:	7070
Cliff House 4335	TD:	7263

Bradenhead Test Information:

Test Date:	Tubing:	Casing:	BH:
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Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

Suggested Procedure:

Prep. work: daylight rig

1. Check location to ensure adequate size for sidetrack. Install and test anchors.
2. MIRUSU.
3. Blow down well, NDWH. NUBOPS. (includes cost for wellhead repairs)
4. Pull Donut, TOH with tubing.
5. Back off casing as deep as possible.
6. RIH with CIBP and set at 6900'. Mix and pump 25sx Class "B" neat cement at 15.6 ppg and spot on top of bridge plug (330').
7. RU wireline. RIH with CBL and GR and log. Perform remedial cementing if necessary. (Ensure that there is good cement 50' below the 7" shoe, and that there is good cement above liner for KOP).
8. PU anchor and TIH, set whipstock at approximately 3150', and mill with starting mill.
9. TOH and PU window cutting mill. TIH and begin to mill 6.25" window. TOH.
10. PU and TIH with watermelon mill and open window to 6.25". TOH.
11. TIH with bit and build bottom hole assembly and drill approx. 150'. TOH.
12. RDMOSU.

Directional work: 24hr drilling rig

1. MIRURT. NUBOPS and Casing Spool.
2. PU 6.25" bit, float, motor, MWD or other continuous survey, DC, DP. TIH and drill, building angle and orientation according to drilling plan. Drill to TD with gas. TOH.
Run 4.5" casing from TD to point determined from prep work and hang off as liner at approximately 3000'. (NOTE: If fractured zones are successfully intersected, casing may be landed above MV and leave MV open hole).
3. Cement 4.5" casing with appropriate volume of cement, approximately 345 cuft of Class "B" neat cement.
4. RDMORT.

Completion: daylight rig

NOTE: If fractured zones are successfully intersected, completion may not be necessary.

1. MIRUSU.
2. Run cased hole logs (cbl/gr/ccl, neutron log for some wells).
3. Perforate Point Lookout/Menefee determined from above logs.
4. Acid breakdown and ball off perforations.
5. Frac Point Lookout/Menefee.
6. Flowback as soon as possible of 1/4" choke, changing to 1/2" or larger depending on activity of well, pressures, and sand production.
7. Set RBP above perforations
8. Perforate Cliffhouse/Menefee at depths determined from logs.
9. Acid breakdown and ball off perforations.
10. Frac Cliffhouse/Menefee.
11. Flowback as soon as possible of 1/4" choke, changing to 1/2" or larger depending on activity of well, pressures, and sand production
12. Cleanout to RBP. Retrieve RBP and clean out to PBTD.
13. RDMOSU.
14. Turn well over to production.

If problems are encountered, please contact:

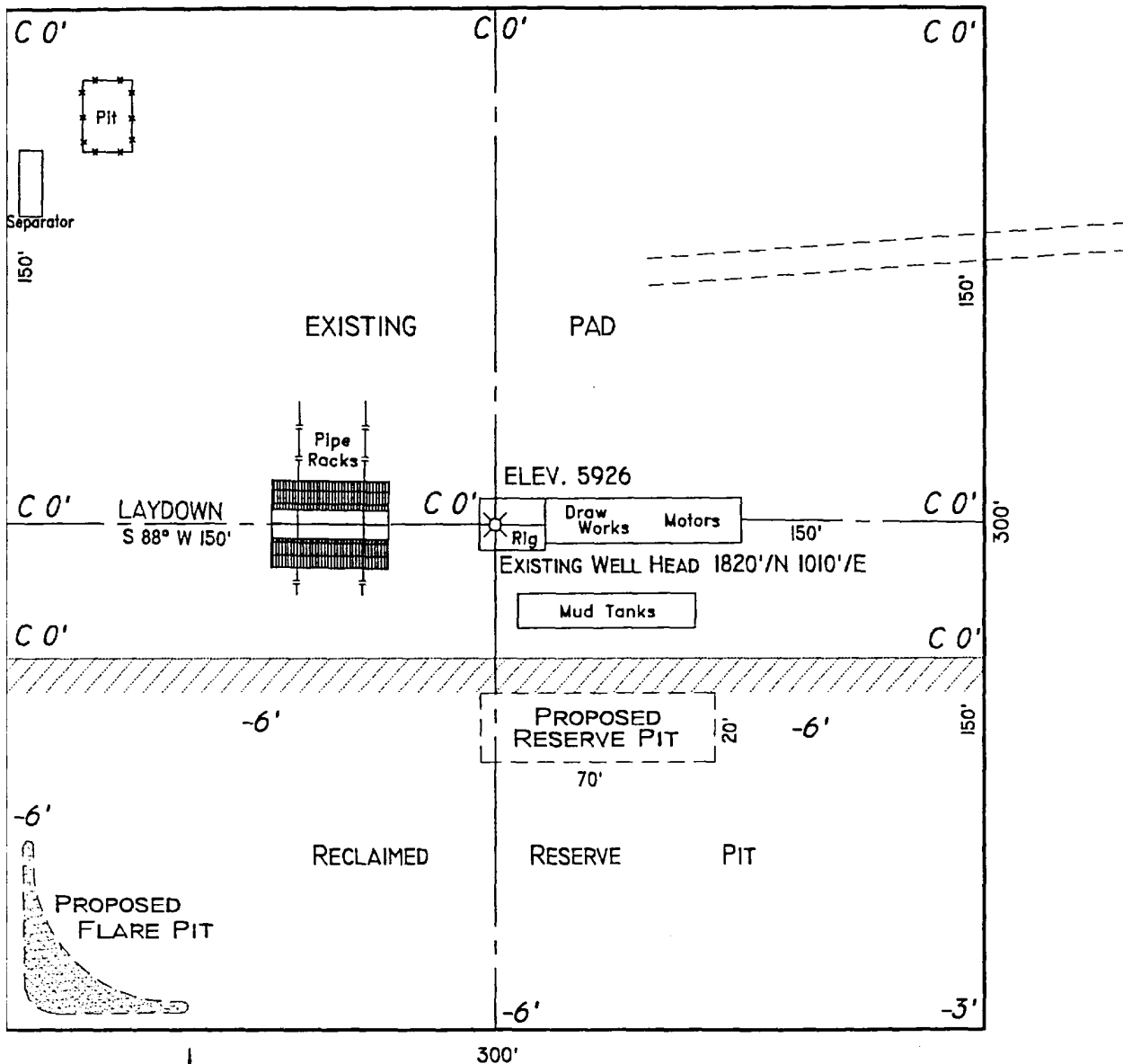
Mark Rothenberg

(W) (303)830-5612

(H) (303)841-8503

(P) (303)553-6448

PLAN OF EXISTING WELLPAD
FOR PROPOSED SIDETRACK RE-ENTRY
ELLIOTT B # 7
1820' F/NL 1010' F/EL
SEC. 27, T30N, R9W, NMPM
SAN JUAN COUNTY, NEW MEXICO



SCALE: 1"=50'
DATE SURVEYED: APRIL 30, 1997

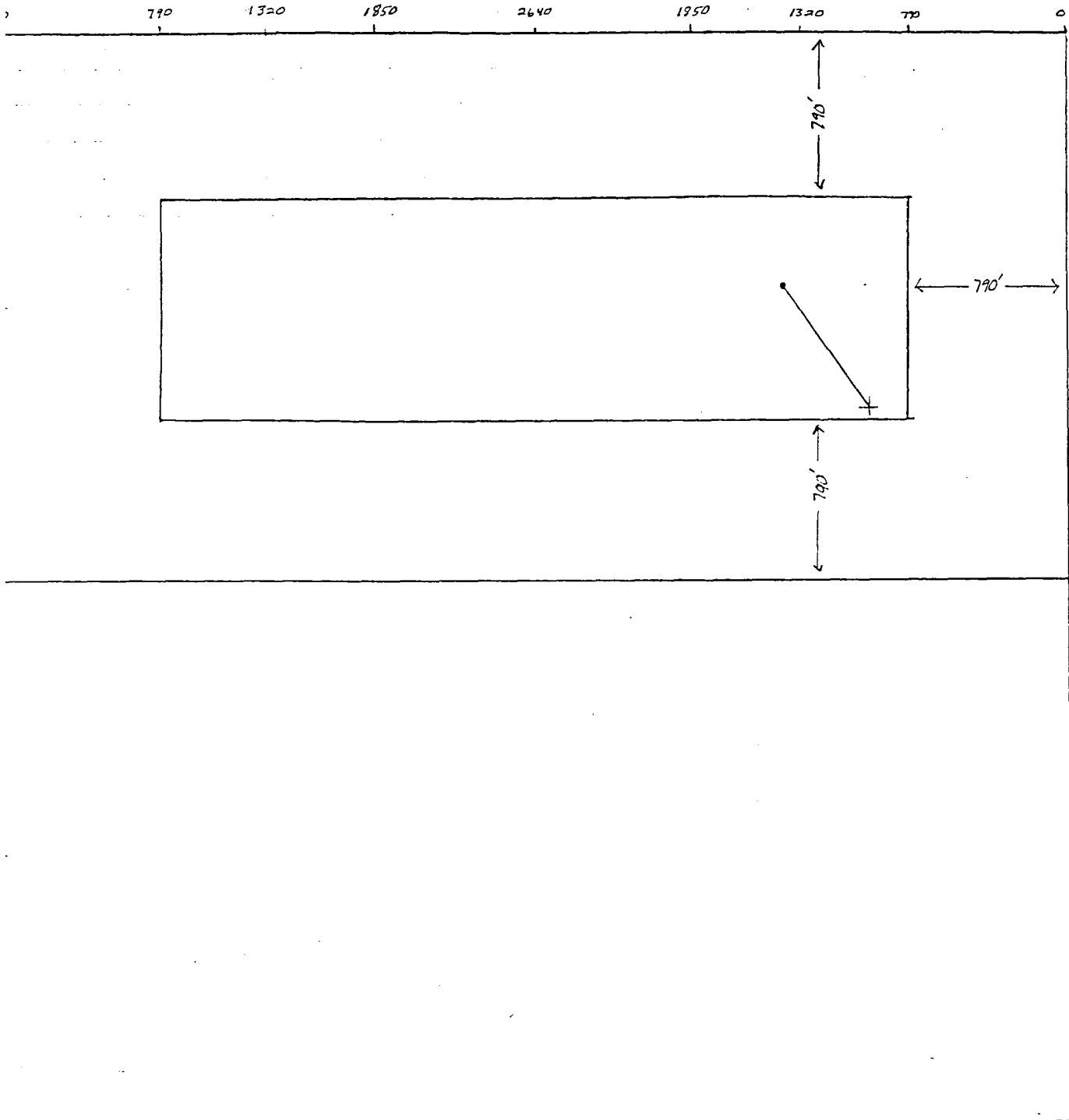
New Mexico OGCC - 1800' F/NL 990' F/EL Elev. 5942 RDB Spud Date 6-22-64

NOTE: Contractor should call 1-800-321-2537 for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least 2 days prior to construction.

RVEYS
1, NM

File _____
 Appn _____
 Date _____
 By _____

SUBJECT Elliott B 7 - 3004509193
1800' FNL x 990' FEL SEC 27-30N-9W



sperry-sun
DRILLING SERVICES
A DRESSER INDUSTRIES, INC. COMPANY

***Amoco Production Co.
New Mexico
Re-Entry Wells
Sec 27-T30N-R9W
Elliott B 7 - Re-Entry Well***

PROPOSAL REPORT

17 June, 1997

Proposal Ref: pro1669

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	539.96 N	424.19 W	734.77	0.000

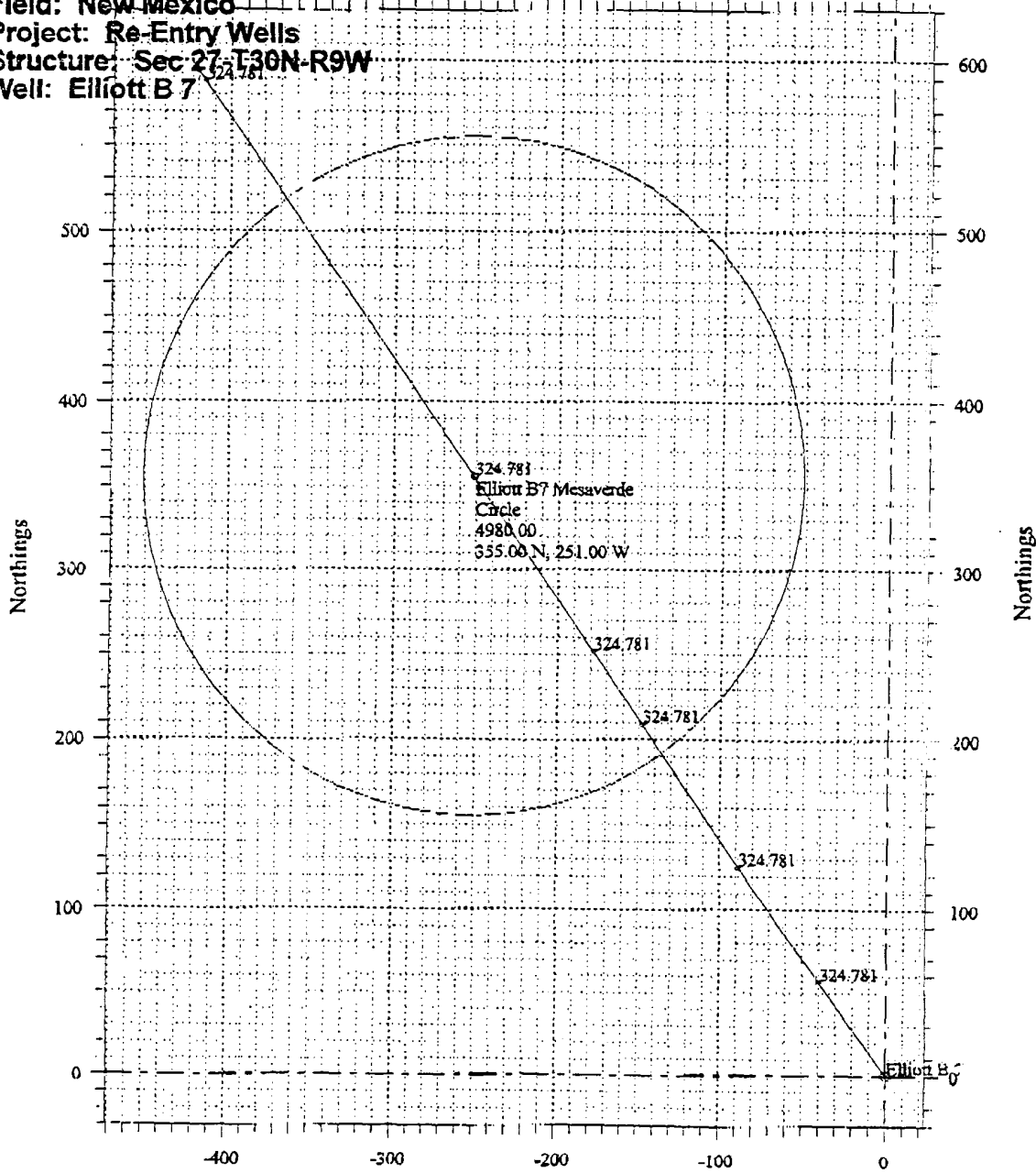
All data is in feet unless otherwise stated. Directions and coordinates are relative to True North.
Vertical depths are relative to Well. Northings and Eastings are relative to Well.

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).

Eastings

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

Eastings

Prepared:

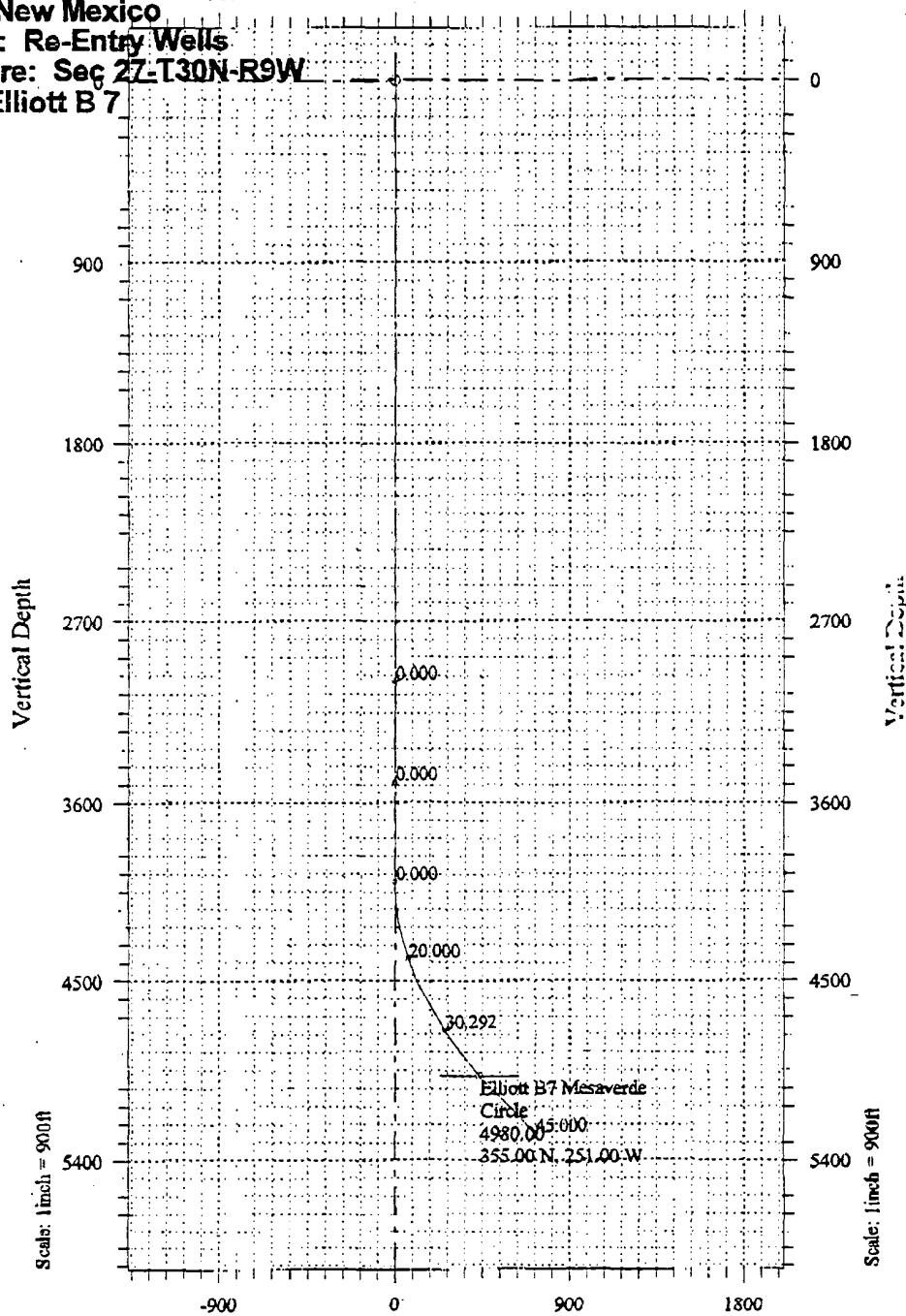
Checked:

Approved:

Vertical Section

Scale: 1 inch = 900ft
 Section Azimuth: 324.738 (True North)

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



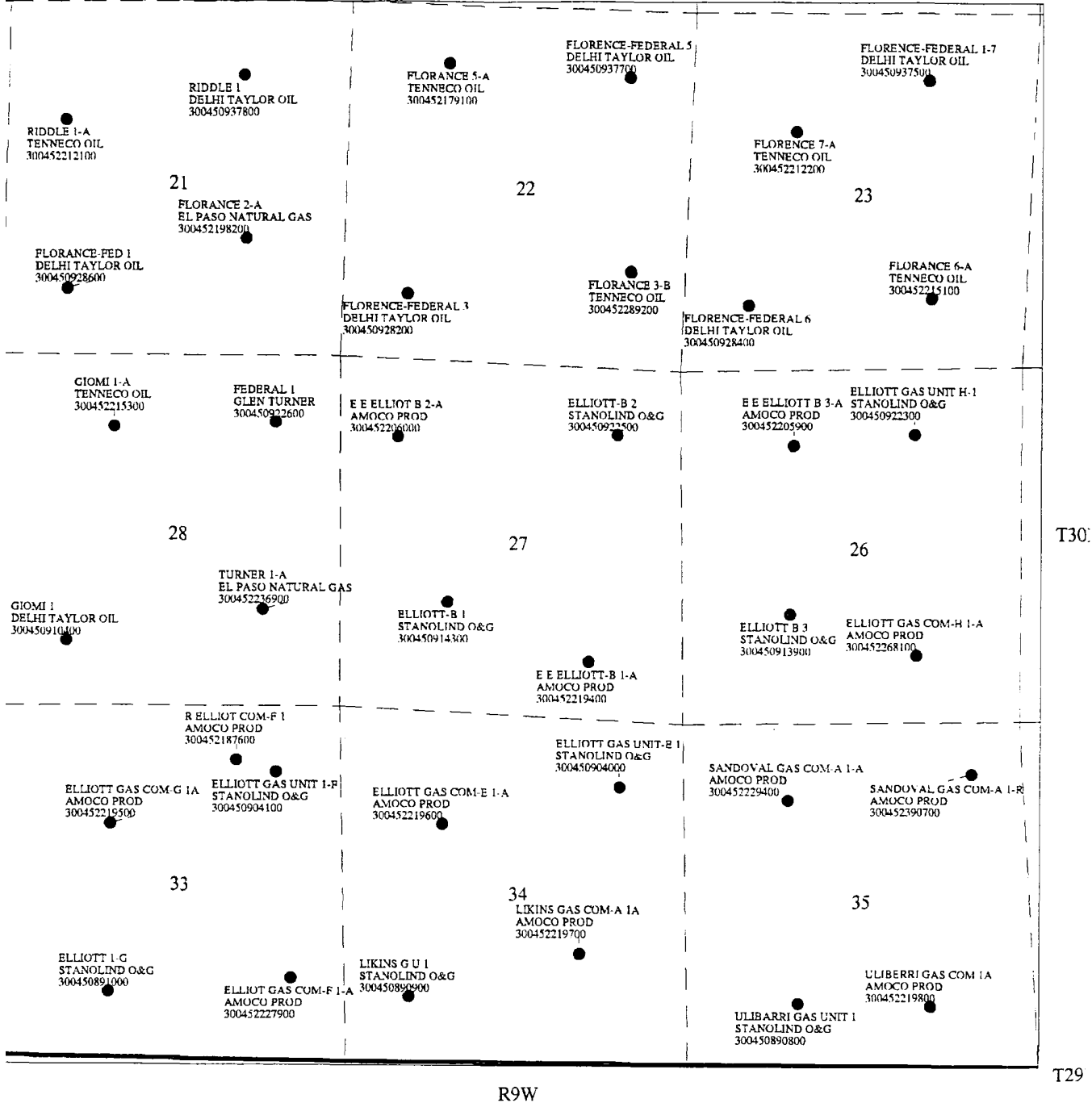
Scale: 1 inch = 900ft
 Section Azimuth: 324.738 (True North)

Vertical Section

Prepared:

Checked:

Approved:



AMOCO

Type of Map:	
Horizon:	
Block(s)/Grid(s):	
Area/Country:	License:
Interpretation:	Date: June 15, 1997

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

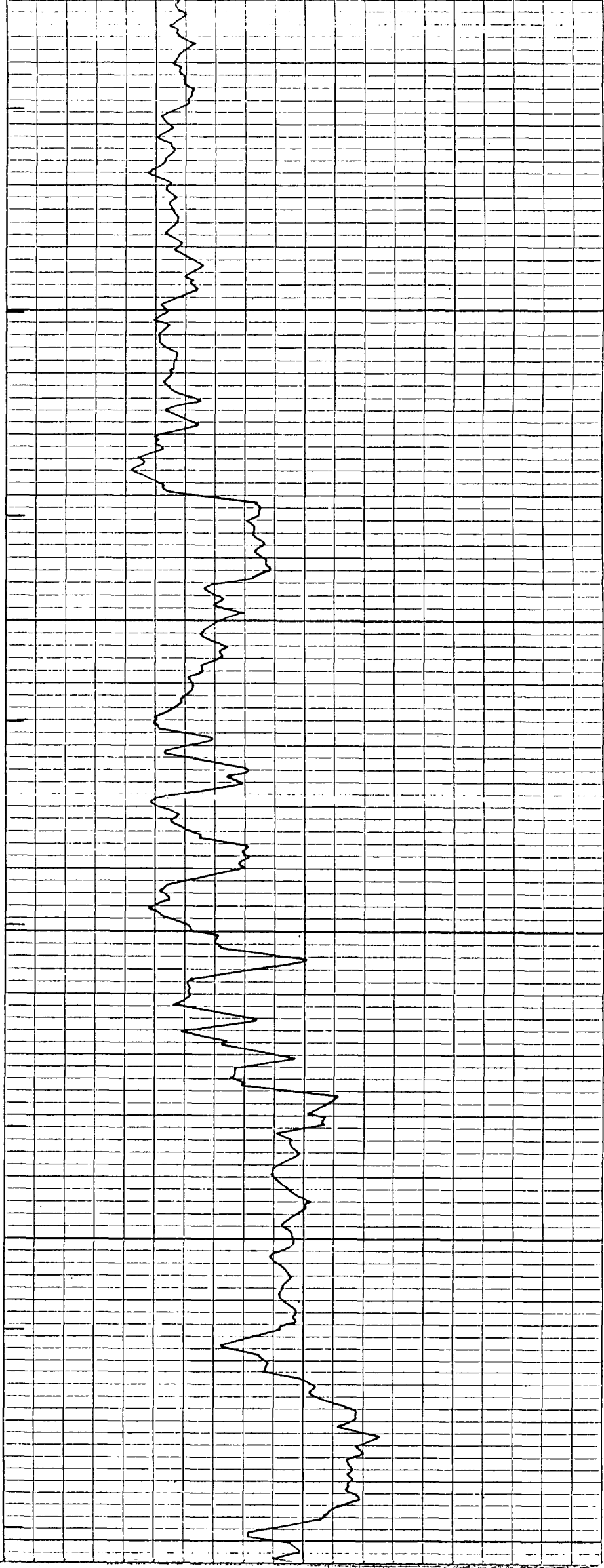
Permanent Datum G. L. Elev. 5930
Log Measured from K. B. OR, 12 Ft. Above Permanent Datum
Drilling Measured from K. B.

Elevations:
KB 5942
DF 5941
GL 5930

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

Bore Hole Record				Casing Record			
Run No.	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

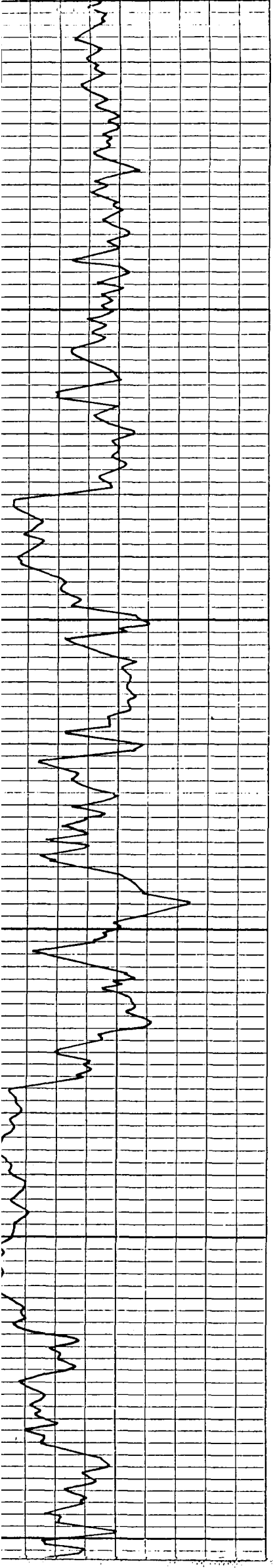
FOLD HERE

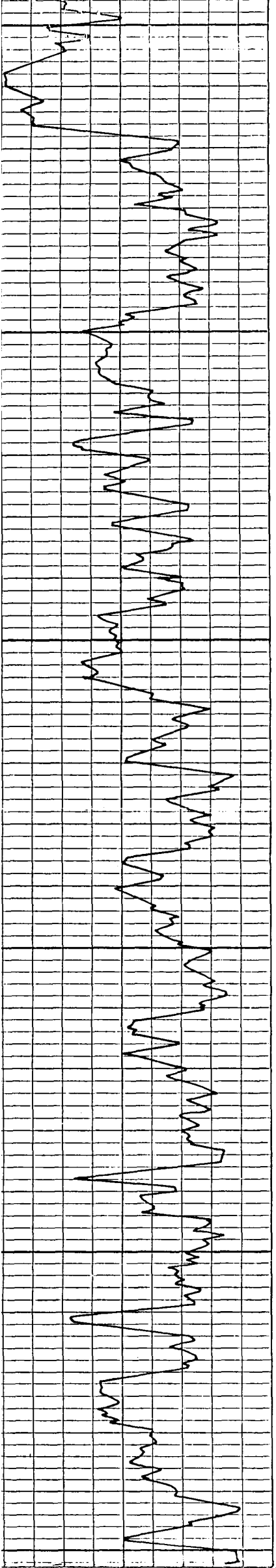
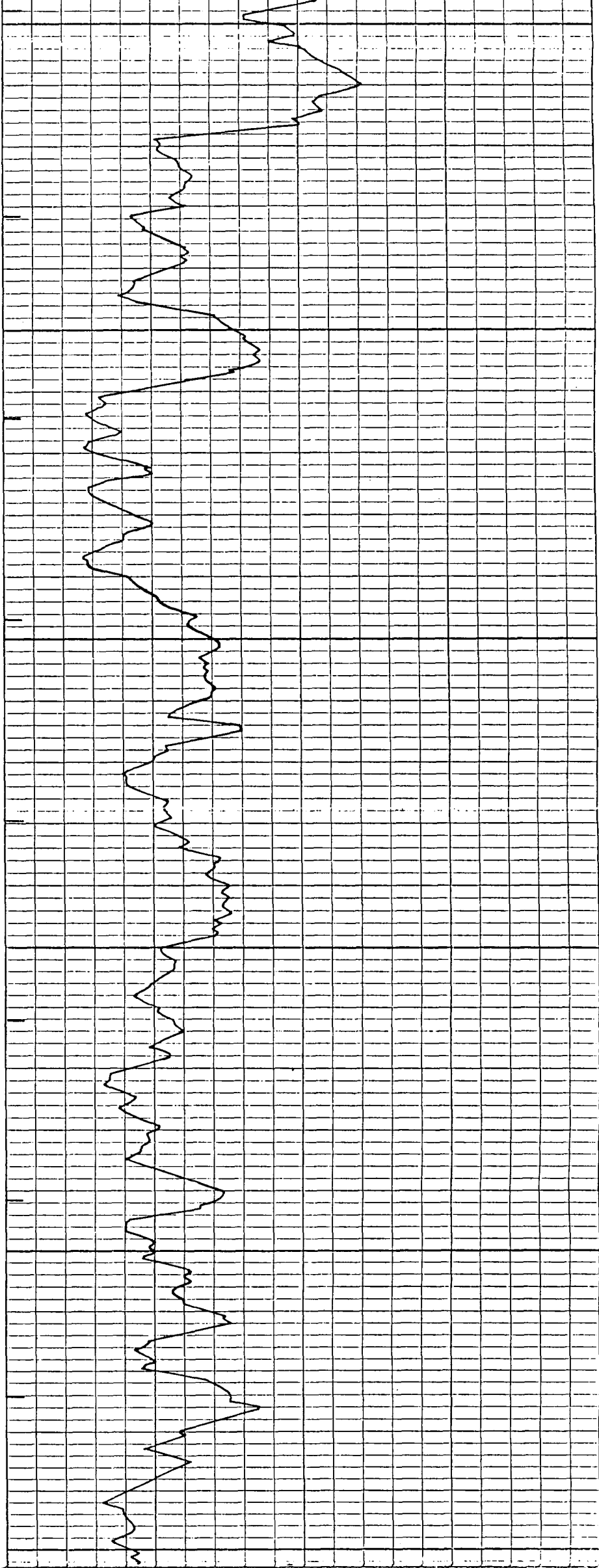


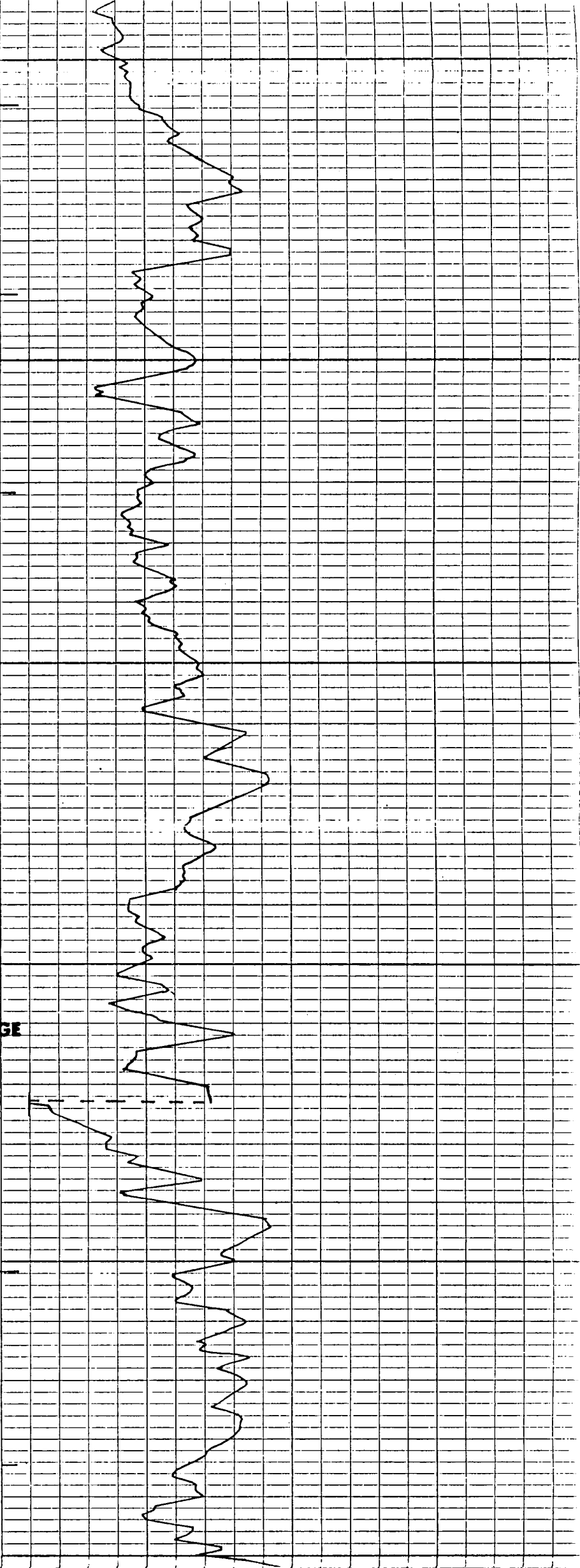
200

4300

4400





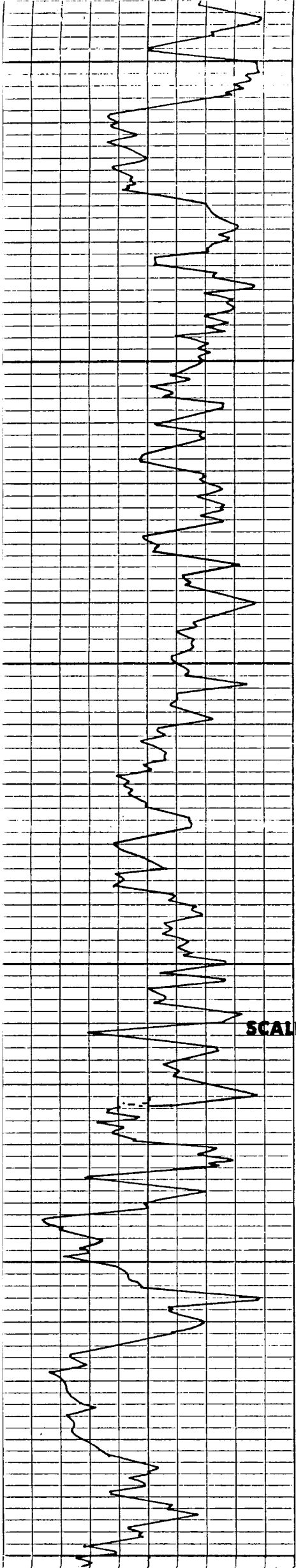


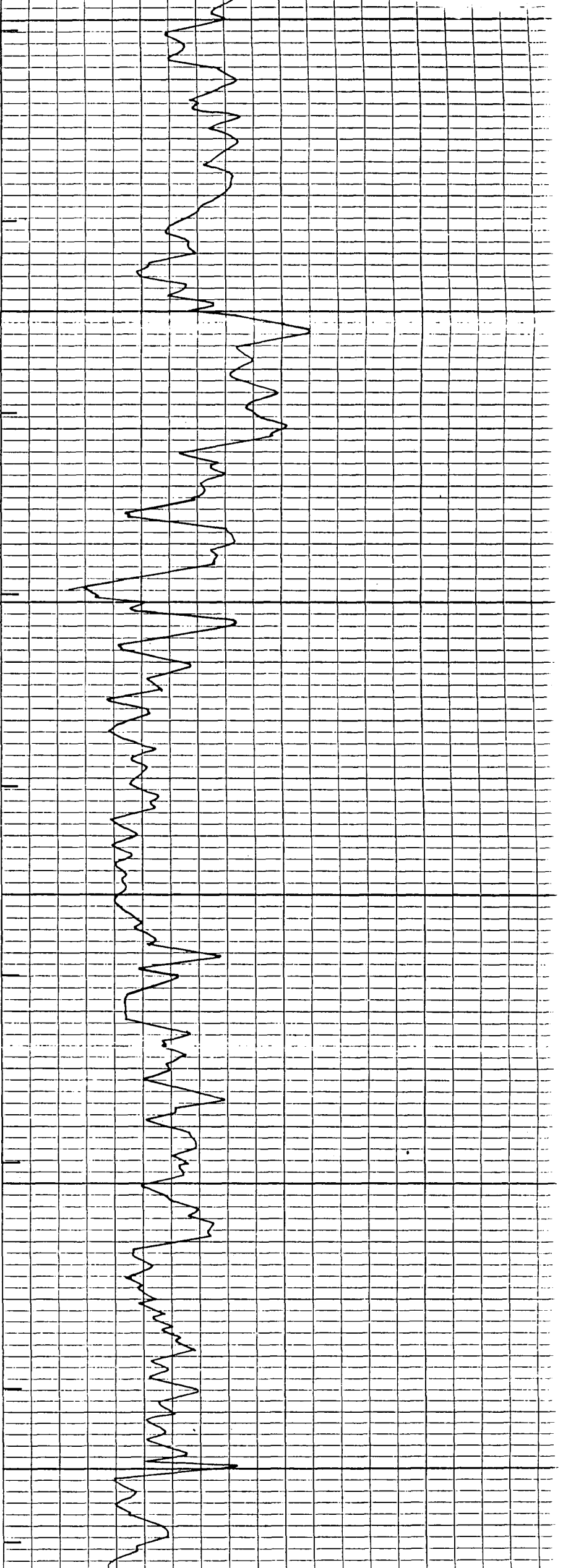
4700

4800

4900

SCALE CHANGE

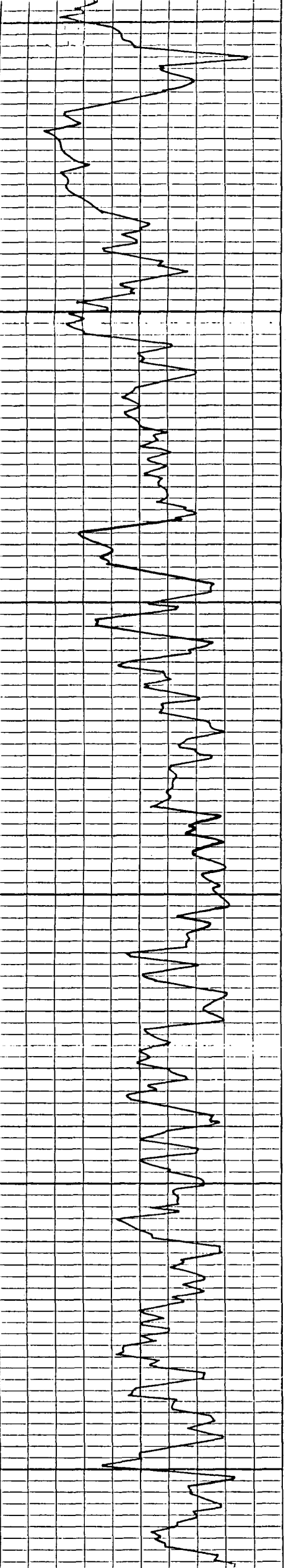


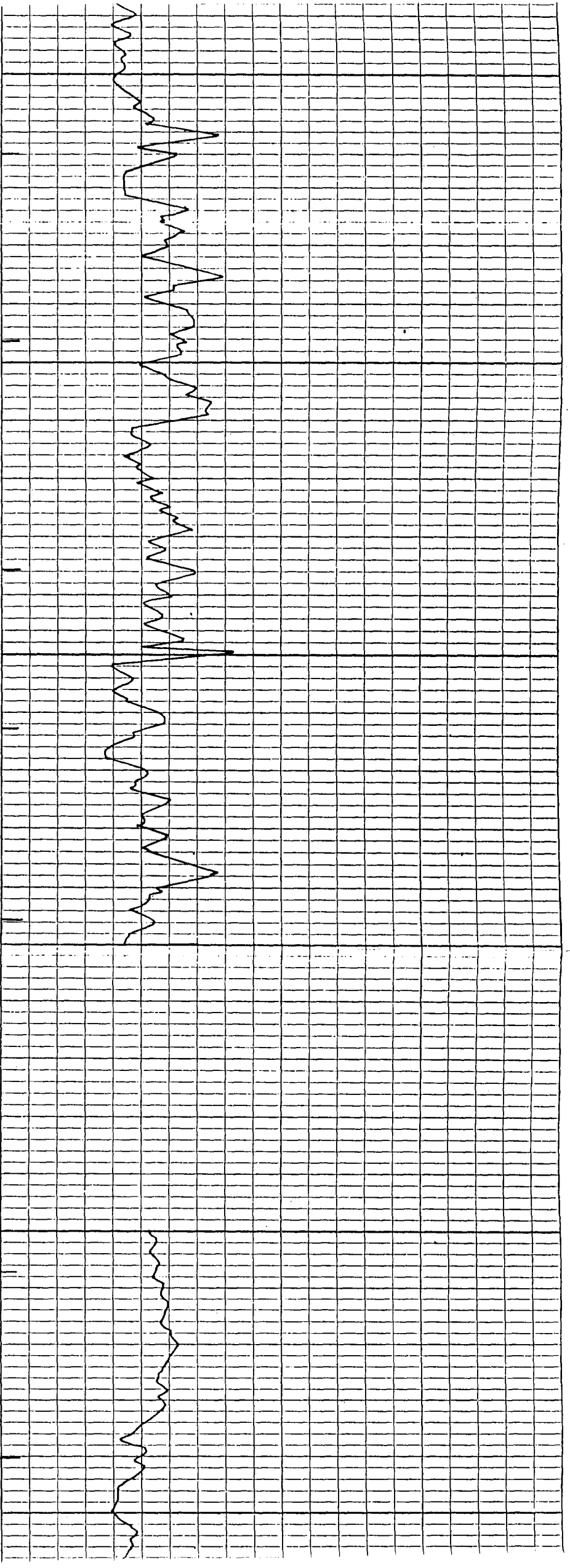


4900

5000

5100





5100

5200

6500

