

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. SF-078415
2. Name of Operator Amoco Production Company		6. If Indian, Allottee or Tribe Name
Attention: Sonia Prien		7. If Unit or CA, Agreement Designation
3. Address and Telephone No. P.O. Box 800, Denver, Colorado 80201 (303) 830-4459		8. Well Name and No. Roelofs #2E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 810FNL 1770FEL Sec. 15 T 29N R 8W		9. API Well No. 3004524930
		10. Field and Pool, or Exploratory Area Mesa Verde
		11. County or Parish, State San Juan New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> 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 intends to recomplete the subject well per the attached procedures.

RECEIVED
FEB 16 1995
OIL CON. DIV.
DIST. 3

RECEIVED
JAN 18 1995
OIL CON. DIV.
DIST. 3

AM
NM
3:51

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

Signed Sonia Prien Title Staff Assistant Date 01-05-1995

(This space for Federal or State office use)

Approved by _____ Title _____ Date JAN 11 1995

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 a false statement or representations as to any matter within its jurisdiction.

MOCD

APPROVED

MANAGER

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 39945 24930		1 Pool Code 72319		1 Pool Name Blanco MesaVerde	
1 Property Code		1 Property Name Roelofs			1 Well Number 2 E
1 OGRID No. 000778		1 Operator Name AMOCO PRODUCTION COMPANY			1 Elevation 6307' GL

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	15	29N	8 W	B	810	North	1770	East	San Juan

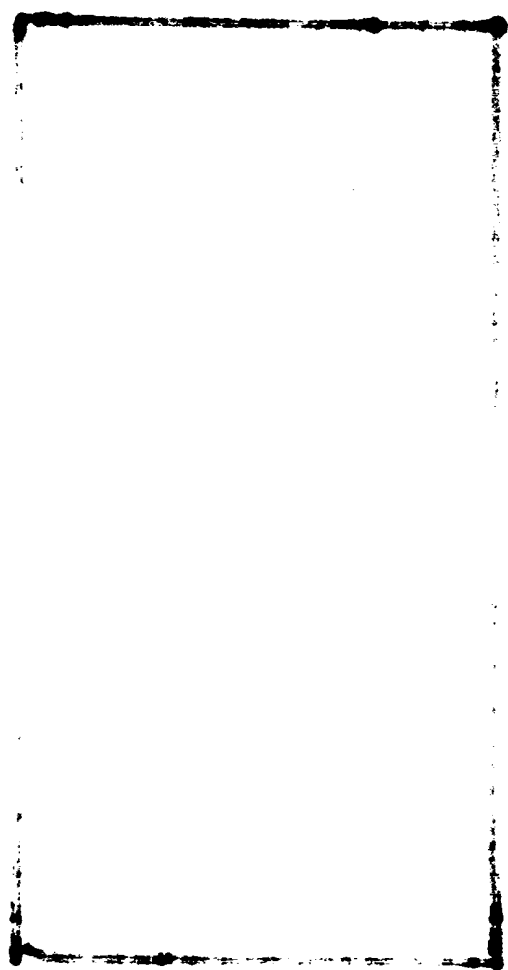
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

16		810'	1770'	<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <p style="font-size: 1.2em; margin: 0;"><i>Lois Raeburn</i></p> </div> <p>Signature _____</p> <p>Lois Raeburn</p> <p>Printed Name _____</p> <p>Business Assistant</p> <p>Title _____</p> <p>Date _____</p>
<p style="font-size: 1.5em; margin: 0;">RECEIVED</p> <p style="margin: 0;">JAN 09 1995</p> <p style="margin: 0;">OIL CON. DIV.</p> <p style="margin: 0;">DIST. 3</p>				<p>18 SURVEYOR CERTIFICATION</p> <p><i>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 belief.</i></p> <p style="text-align: right;">Aug. 22, 1980</p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyor: _____</p> <p style="text-align: center; margin-top: 20px;">ON FILE</p> <p style="text-align: center; margin-top: 20px;">3950</p> <p>Certificate Number _____</p>



RECOMPLETION PROCEDURE
ROELOFS 2E - Run 35
BASIN DAKOTA --> MESA VERDE
SRBU - SAN JUAN OC
December 5, 1994

Purpose:

This well is currently an economical but marginal Dakota producer. However, it is in a good site to recomplete to the Mesa Verde horizon as a replacement for the Roelofs B2. The Roelofs B2 is currently operated only intermittently and will not produce consistently against line pressure. It recovered a cumulative production of 3523 MMCF, but offset MV wells are still producing in excess of 350 MCFD. It will be evaluated for P&A after the Roelofs 2E is recompleted. Much larger production rates can be expected from the Mesa Verde than the Dakota in the Roelofs 2E, and Mesa Verde production is eligible for the Tight Gas Sand tax credit. The current producing intervals in the Dakota will be isolated and available for possible return to production in the future.

This procedure will isolate the Dakota and recomplete the Roelofs 2E to the Mesa Verde. Please call Stan Kolodzie at ext. 4769 in Denver if you have any questions.

Current Production:

35 MCFD

Anticipated Production

550 MCFD

Estimated Cost:

\$ 175,000 (Gross)

Estimated Payout:

39 mos

REQUIRED PERMITS AND APPROVALS BEFORE WORKOVER CAN BEGIN

(Check off as permits are received)

BLM

<> Surface Disturbance - No Permit Required
No surface disturbance is anticipated.

<> Wellbore Changes - PERMITS REQUIRED

Isolation of the Dakota zone will require a permit.
Recompletion to the Mesa Verde horizon will require a permit.

<> Produced Gas - No Permit Required

Produced gas will be handled as before the workover.

DEQ

<> Surface Discharge - No Permit Required
No surface discharge is anticipated

NOTES:

Well Flac No. = 97980401

Elev. Reference: 6372 GL

Amoco WI = 0.50

Total Royalty = 0.1550

Depths are based on the Schlumberger Induction-Gamma Ray Log dated 2/13/82. A copy of the relevant intervals is attached.

Recompletion
Roelofs 2E - Run 32
December 5, 1994

Procedure:

1. Check bradenhead pressure. Relay results to Stan Kolodzie in Denver.
2. Move in rig. Rig Up. Nipple up blowout preventer. Install blooie lines.
3. Control or kill well. Since the Dakota zone is to be isolated, it is not necessary to take precautions to prevent kill fluid invading this zone.
4. Pull Dakota 2 3/8" tubing string.
5. Run 4 1/2" bit and scraper and clean out to top Dakota perf at 7285'.
6. Run CIBP. Set CIBP between 7185 and 7235'. By BLM stipulations, the CIBP must be between 50 and 100 feet above the current top perf. Cover CIBP with 50' of cement.
7. Run packer and pressure test casing to 1000 psi. If casing integrity fails notify Stan Kolodzie in Denver. A casing repair will be done unless the cost to repair the casing appears too high.
8. Run casing gun and perforate new Mesa Verde intervals. Since the pay zone is to be fraced, perforating underbalance is not needed and a lubricator is not required. A fluid column giving 700 psi hydrostatic head at the perms should be sufficient to contol the pressure in the Mesa Verde. Perforate the following intervals with 3 1/8" casing gun, 2 JSPF, 120 degree phasing.

Cliffhouse:	4640 - 4656	
	4668 - 4678	Total of 56 shots
Menefee	4726 - 4731	
	4749 - 4755	
	4761 - 4769	
	4779 - 4784	
	4794 - 4797	
	4814 - 4820	
	4828 - 4832	
	4990 - 5000	
	5130 - 5134	Total of 120 shots
Pt. Lookout	5220 - 5232	
	5254 - 5261	
	5276 - 5281	
	5286 - 5294	
	5318 - 5324	
	5330 - 5334	Total of 96 shots
		Grand Total of 272 shots

STIMULATION

9. The Mesa Verde will be fracture stimulated in a manner similar to the Florance C 8E recompletion. Refer to the attached frac schedule for details.

Recompletion
Day 1E - Run 45
December 5, 1994

10. Run 2 3/8" tubing to Mesa Verde. Set tubing at approx. 5325'.
11. Remove BOP. Hook up well to production equipment.
12. Unload well with air unit or Nitrogen. Swab in well if necessary. Record casing and tubing pressures for completion report.
13. RDMO service unit. Return to production.

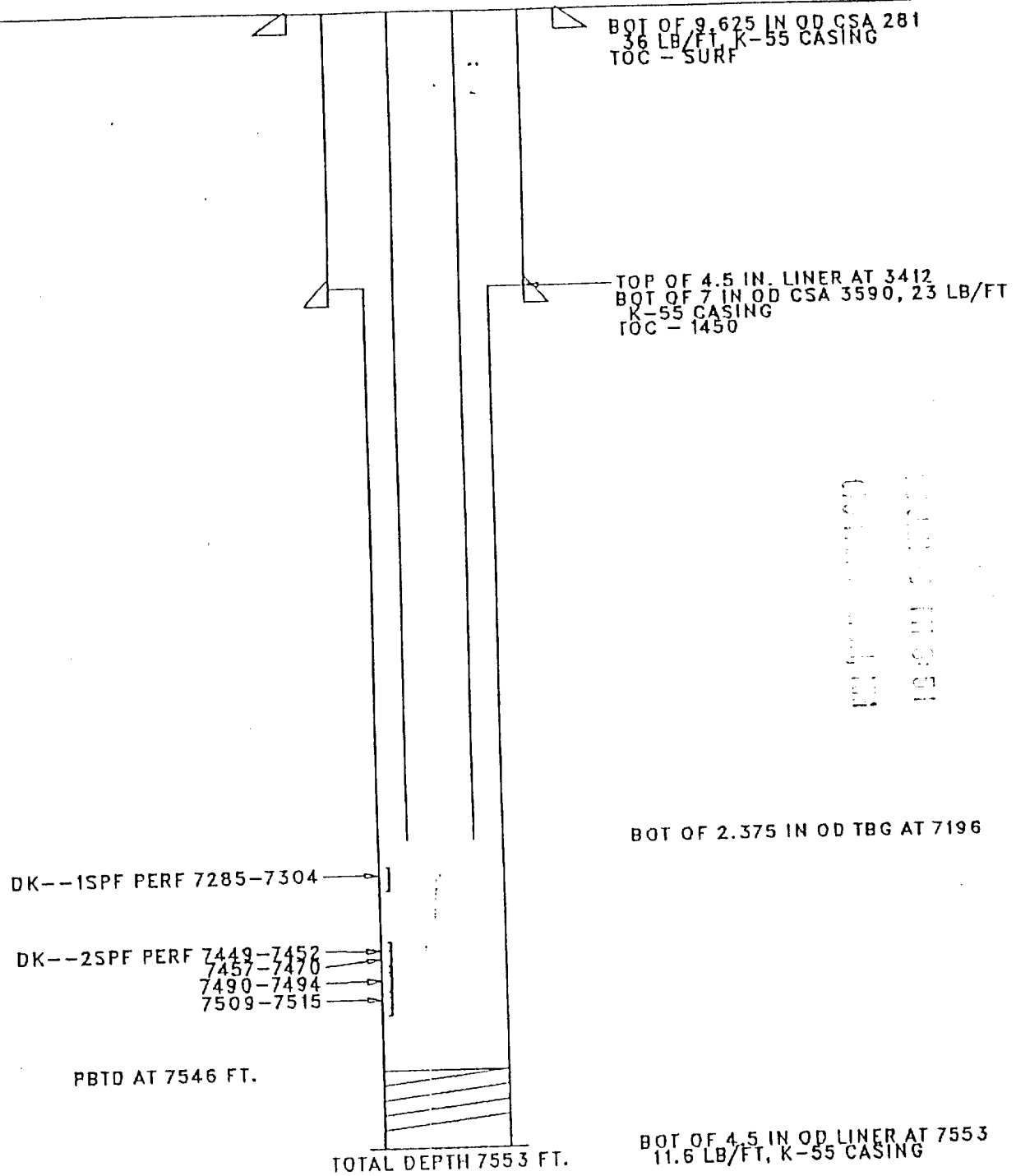
AUTHORIZATIONS

ENGINEER

PRODUCTION FOREMAN

WORKOVER FOREMAN

ROELOFS 002E 341
Location - 15B-29N-8W
SINGLE DK
Orig. Completion - 3/82
Last File Update - 1/89 by DDM



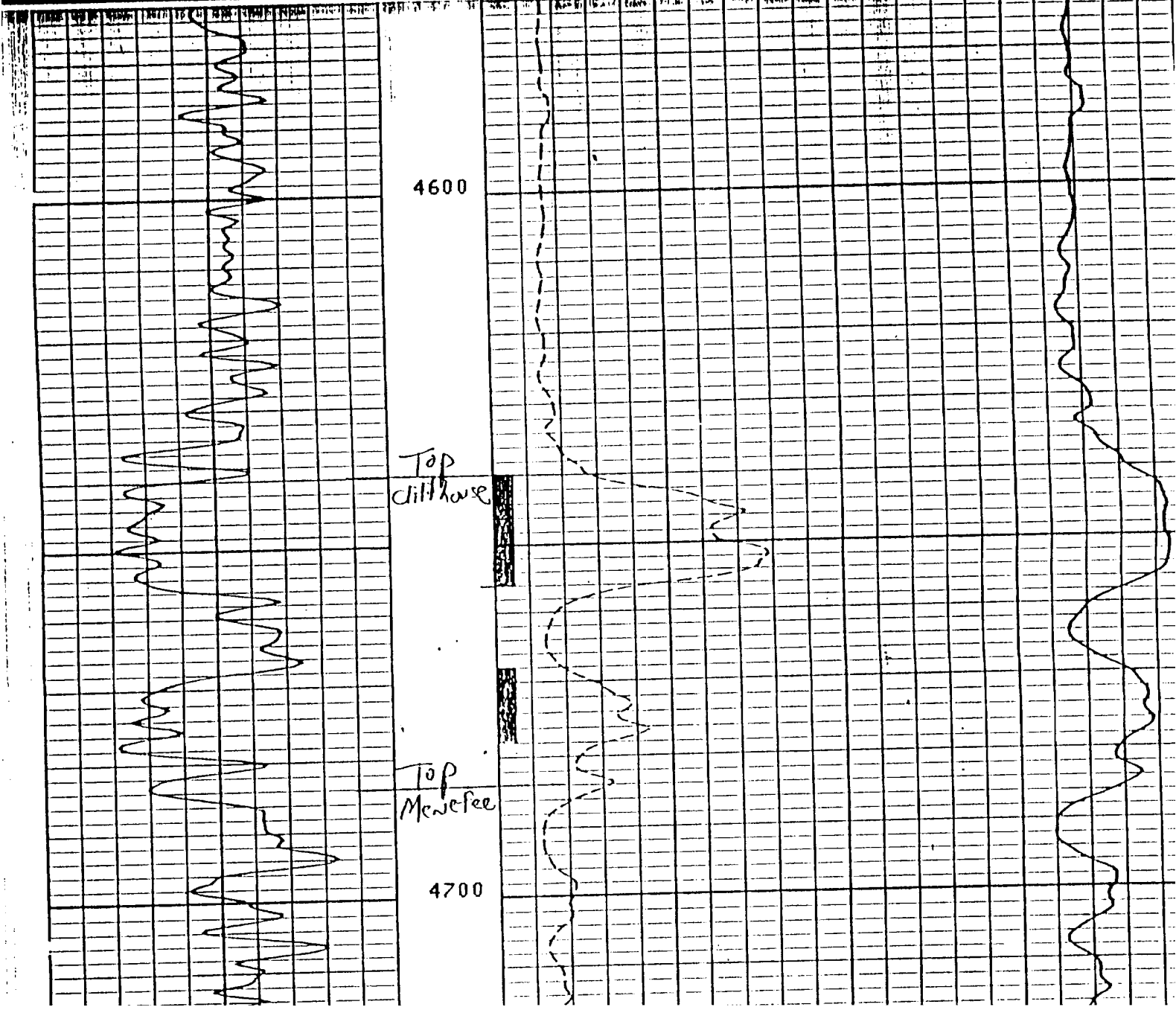
Cathodic Protection - Y ?

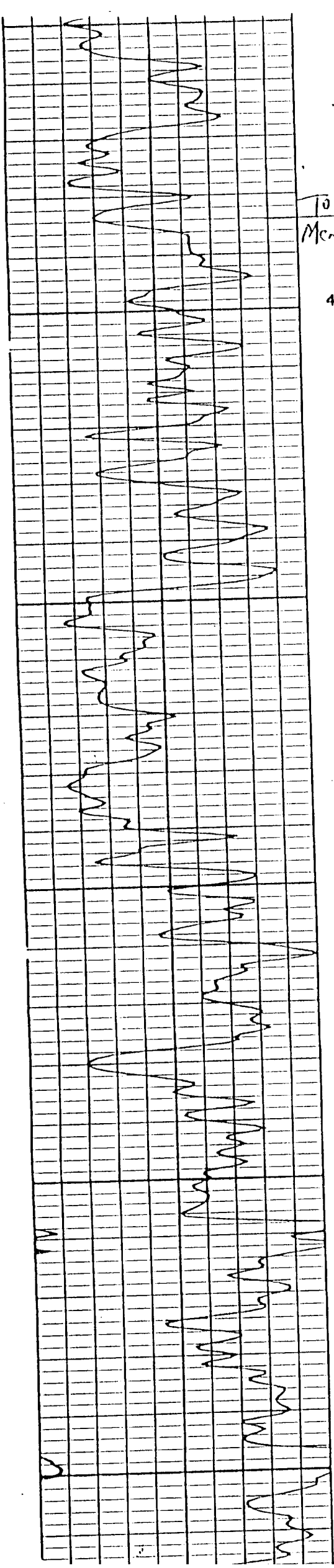
COUNTY SAN JUAN, N.M.
FIELD BASIN DAKOTA
WELL ROELOFS 2-E
COMPANY TENNECO OIL CO.

COMPANY TENNECO OIL COMPANY
WELL ROELOFS 2-E
FIELD BASIN DAKOTA
COUNTY SAN JUAN STATE NEW MEXICO
LOCATION 810' ENL G 1770' FEL.
API SERIAL NO. 15 SEC. 29-N TWP. 8-W RANGE FDC
Other Services:

Permanent Datum: G.L. Elev.: 6307
Log Measured From: K.B. 12 Ft. Above Perm. Datum
Drilling Measured From: K.B. Elev.: K.B. 6310
D.F. 6318
G.L. 6307

Date	2-15-82
Run No.	ONE
Depth—Driller	7540
Depth—Logger (Schl.)	7561
Btm. Log Interval	7552
Top Log Interval	3552 @ 3590
Casing—Driller	7
Casing—Logger	3590
Bit Size	6.25
Type Fluid in Hole	AIR
Dens.	
pH	
Source of Sample	
Rm @ Meas. Temp.	@
Rmf @ Meas. Temp.	@
Rmc @ Meas. Temp.	@
Source: Rmf Rmc	
Rm @ BHT	@
Circulation Stopped	
Logger on Bottom	1100
Max. Rec. Temp.	144
Equip.	8192 FARM



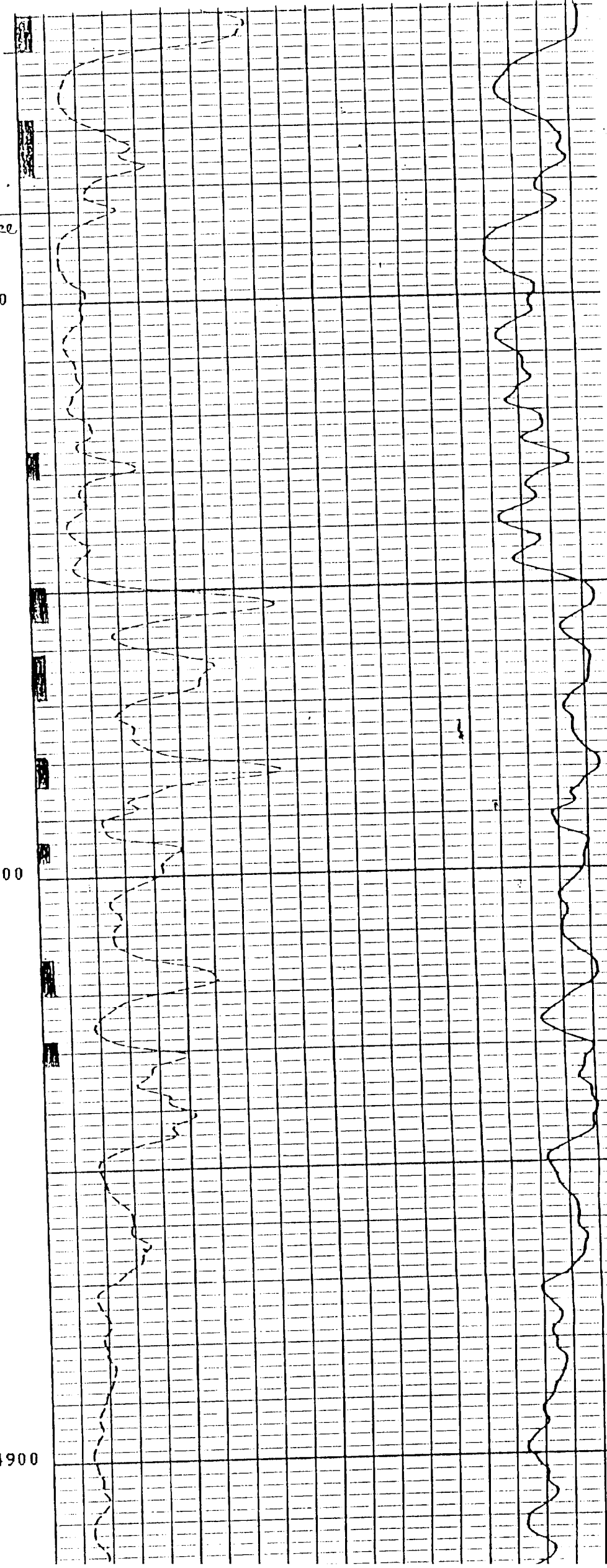


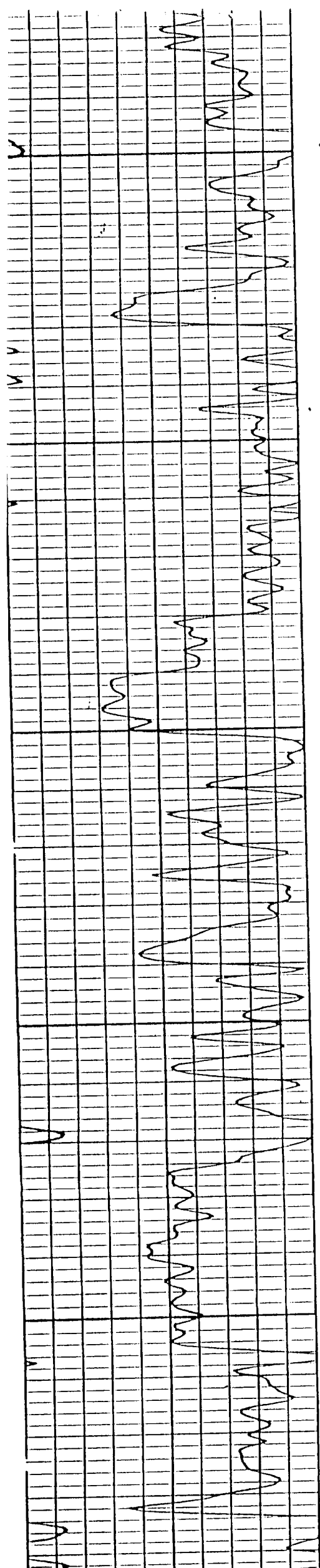
Top
McNee-see

4700

4800

4900

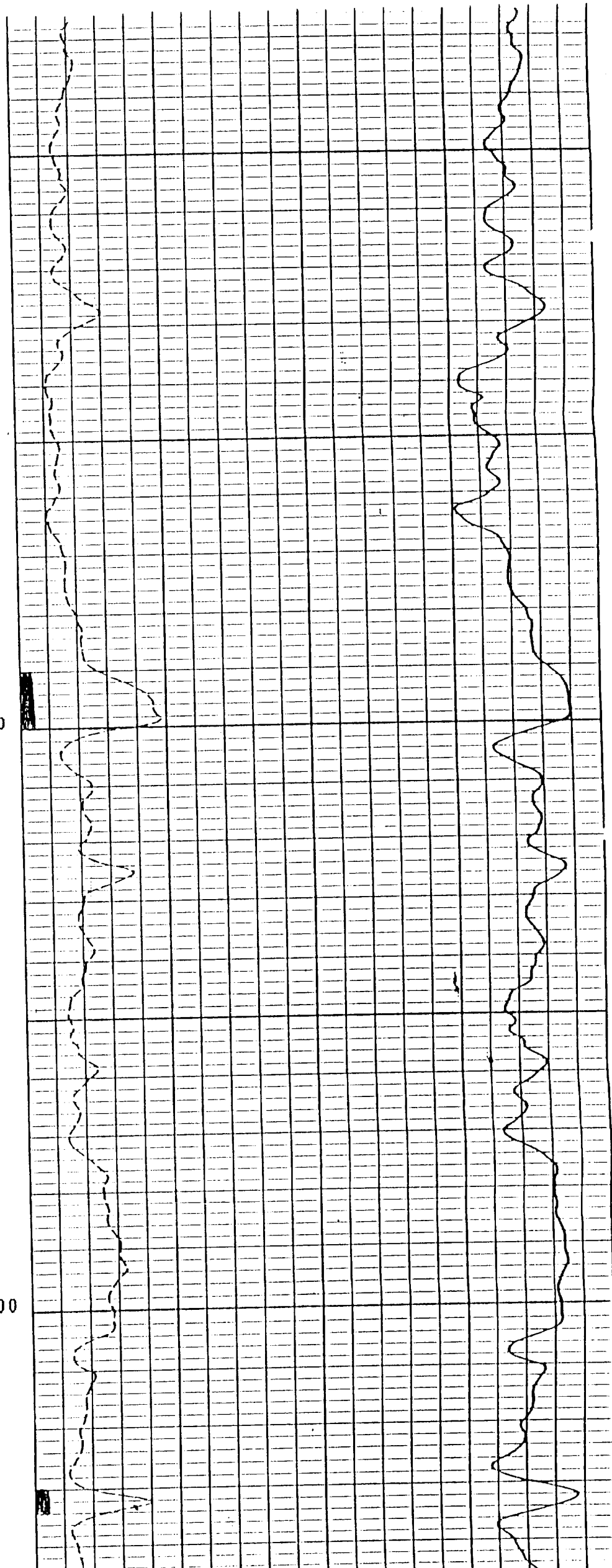


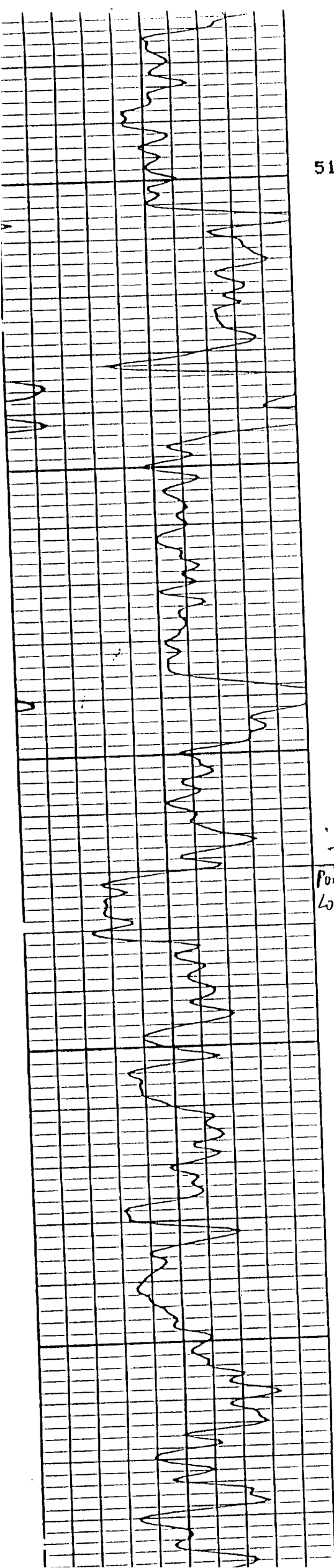


4900

5000

5100



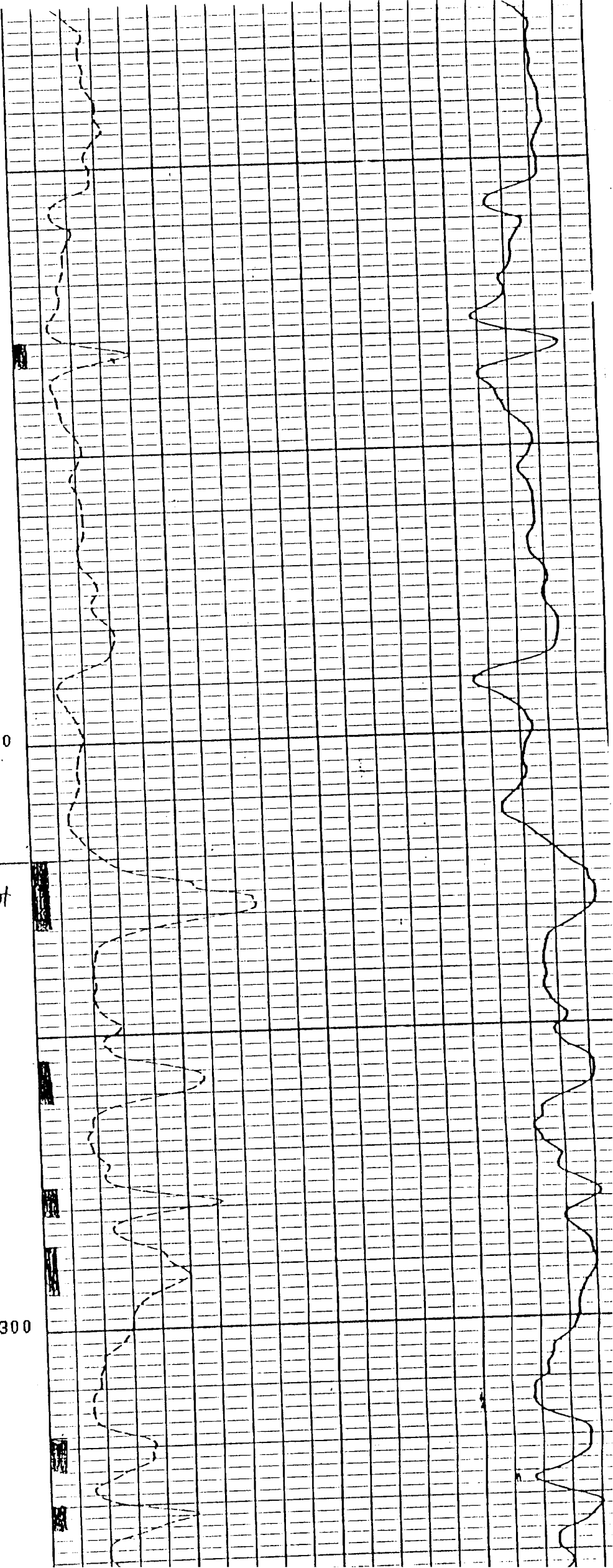


5100

5200

Top
Point
Lookout

5300



Top
Dakota A
7300

Dakota B

7400

Dakota D

7500

6000

6000

6000

RILD

CILD