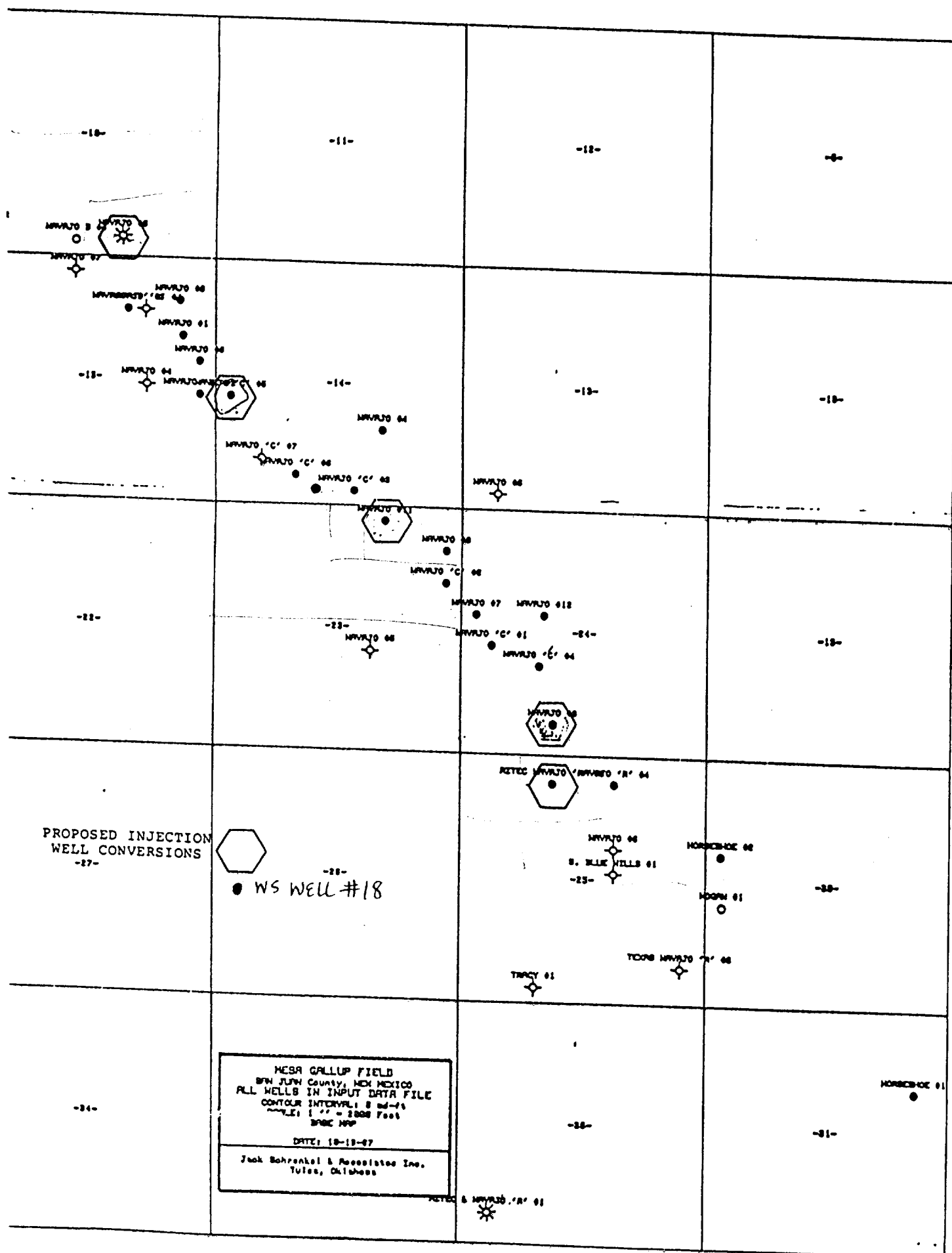




TABULATION OF WELLS WITHIN 1/4 MILE OF PROPOSED INJECTION WELL
WHICH PENETRATE THE INJECTION ZONE.

Well Name _____ Company Name _____ Date Drilled _____ Depth _____
 Location _____ ' F L & _____ ' F L _____ /4, Sec. _____ -T _____ -R _____ Status _____

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:

Formations Open to Wellbore: _____

Well Name _____ Company Name _____ Date Drilled _____ Depth _____
 Location _____ ' F L & _____ ' F L _____ /4, Sec. _____ -T _____ -R _____ Status _____

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:

1120 wells in area of review.

Formations Open to Wellbore: _____

Well Name _____ Company Name _____ Date Drilled _____ Depth _____
 Location _____ ' F L & _____ ' F L _____ /4, Sec. _____ -T _____ -R _____ Status _____

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:

Formations Open to Wellbore: _____

Well Name _____ Company Name _____ Date Drilled _____ Depth _____
 Location _____ ' F L & _____ ' F L _____ /4, Sec. _____ -T _____ -R _____ Status _____

Hole Size	Casing Size	Landed Depth	Cement & Additive Data	Top of Cement	If well is TA or P&A Describe How:

Formations Open to Wellbore: _____

WELL IN AREA OF REVIEW

OPERATOR	WELL NAME	SPUD DATE	LOCATION	SECTION	TOTAL DEPTH	COMPLETION INTERVAL	I.P. (BOPD)	FORMATION	CASING SIZE & DEPTH	CEMENT SXS	STATUS
ZOLLER & DANNENBERG	BLUEHILL #1	7-26-65	2319FW-1980FE	25,32N-18W	1573	-	-	"	7"ø30	circ.	P&A
GRAND NAV "A" #4		11-8-61	B600FN-1980FE	25,32N-18W	1120	1051-66	8	GALLUP	4½"ø1045	100	P
GRAND NAV "A" #5		12-4-61	C610FN-1980FW	25,32N-18W	1062	1037-45	5	"	3½"ø1057	100	P
RL BAYLESS NAV #6		7-2-64	3300FS-3300FW	25,32N-18W	1093	-	-	"	5½"ø52	circ.	P&A
NAVAJO											
GRAND	#3	8-10-61	N660FS-1980FW	24,32N-18W	1163	1110-26	49	"	4½"ø1158	45	P
GRAND	#4	10-3-61	J1650FS-1710FE	14,32N-18W	1365	1315-23	6	"	4½"ø1357	35	P
EXPL/DRILL/CO	#5	11-29-61	J2135FS-1935FE	23,32N-18W	1254	-	-	"	7"ø30	circ.	P&A
EXPL/DRILL/CO	#6	12-30-61	365FS-760FW	13,32N-18W	1472	-	-	"	7"ø66	circ.	P&A
GRAND	#7	1-13-62	E2310FN-330FW	24,32N-18W	1482	1423-38	88	"	4½"ø1481	40	P
GRAND	#8	2-10-62	A950FN-330FE	23,32N-18W	1445	1383-94	88	"	4½"ø1437	40	P
GRAND	#11	1-24-62	B330FN-1650FE	23,32N-18W	1438	1381-92	87	"	4½"ø1438	40	P
GRAND	#12	2-18-62	F2290FN-1780FW	24,32N-18W	1573	1521-28	8	"	4½"ø1572	40	P
NAVAJO TRIBAL C											
GRAND	#1	2-26-62	L660FN-2310FS	24,32N-18W	1295	1225-36	92	"	4½"ø1288	80	P
GRAND	#2	3-10-62	H1650FN-330FE	23,32N-18W	1478	1407-17	89	"	4½"ø1476	80	P
GRAND	#3	3-17-62	O330FS-2310FE	14,32N-18W	1380	1312-20	36	"	4½"ø1373	80	P
GRAND	#4	10-3-61	J1650FS-1710FE	14,32N-18W	1365	1315-23	6	"	4½"ø1357	35	P
GRAND	#5	3-23-68	L2310FS-330FW	14,32N-18W	1762	1642-65	84	"	4½"ø1749	35	P
GRAND	#6	3-12-69	N1720FW-650FS	14,32N-18W	1310	1252-69	77	"	4½"ø1310	35	P
EXPL/DRILL/CO	#7	4-7-69	H990FS-990FW	14,32N-18W	1327	-	-	"	7"ø30	circ.	P&A

WELL IN AREA OF REVIEW

OPERATOR	WELL NAME	SPUD DATE	LOCATION	SECTION	TOTAL DEPTH	COMPLETION INTERVAL	I.P. (BOPD)	FORMA- TION	CASING SIZE & DEPTH	CEMENT SXS	STATUS
AZTEC OIL & GAS	NAV #3	11-14-59	4745FW-790FS.	25,32N-18W	1660			GALLUP	8 5/8x60	35	P&A
DUGAN	HORSESHOE #2E 6-17-64		330FW-3210FS	30,32N-17W	1175	1101-10	10	GALLUP	4 1/2"x1172	35	P
ARI-MEX	NAV B #2	10-15-70	4950FW-2310FS	15,32N-18W	1718	1612-14	10	"	4 1/2"x1717	125	P
ARI-MEX	NAV #6	5-16-68	4950FW-3030FS	15,32N-18W	1360	1282-1304		"	4 1/2"x1345	35	P
ARI-MEX	NAV C #1	5-2-64	4595FW-3580FS	15,32N-18W	1276	1223-38	32	"	4 1/2"x1276	50	P
ARI-MEX	NAV #3A	5-30-64	4530FW-4335FS.	15,32N-18W	1312	1250-60	19	"	4 1/2"x1312	35	P
AAA FSHING TL	NAV #4	1-24-68	3850FW-2510FS	15,32N-18W	1414	-		"	7"x850	circ.	P&A
AAA FSHING TL	NAV B #1	12-18-70	1650FW-1650FE	15,32N-18W	1285	-		"	7"x860	25	P&A
ARI-MEX	NAV B #3	3-19-70	1150FW-1480FE	15,32N-18W	1275	1197-1205	6	"	4 1/2"x1272	125	P
AAA FSHING TL	NAV #7	2-24-69	2310FW-4950FS	15,32N-18W	1295	-	-	"	7"x830	circ.	P&A
ARI-MEX	NAV #5	10-4-67	3300FW-440FS	10,32N-17W	1873	1664-78	6	"	4 1/2"x1764	135	P
HARLAN DRLG	NAV #2	5-4-64	350FW-540FS	10,32N-17W	1183	-	-	"	7"x830	circ.	P&A

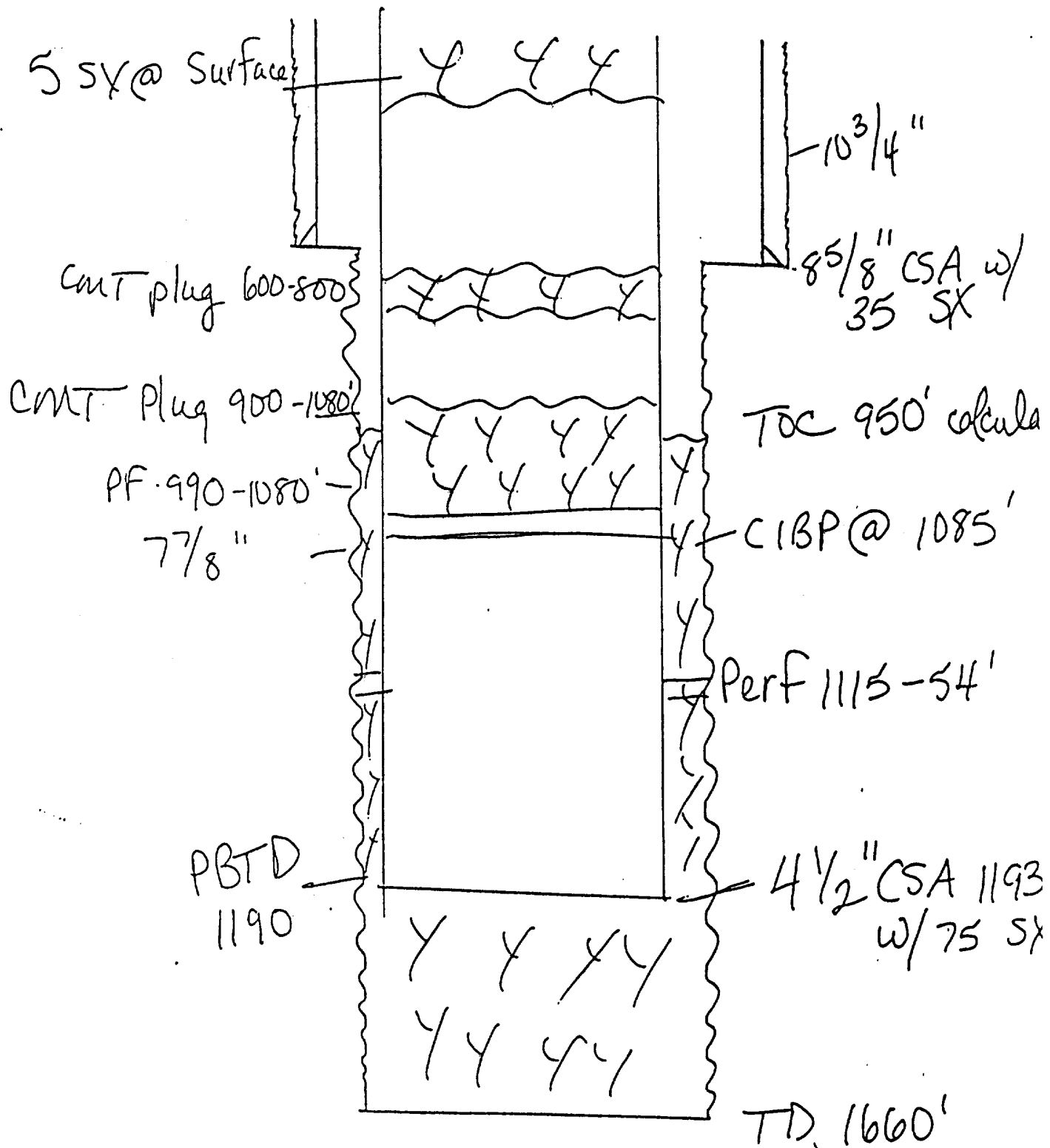
* ALL WELLS ARE 6 1/2" hole size except:

RL BAYLESS NAVAJO #6, 3300 FS - 3300 FW, Section 25-32N-18W and
AXTEC OIL & GAS NAVAJO #3, 4745 FW - 790 FS, Section 25-32N-18W and
these two wells have 7 7/8" hole size

* THE TOP OF THE CEMENT IS NOT INDICATED BY EITHER TEMPERATURE SURVEY OR
BOND LOG ON THE PRODUCING WELLS. ALL CEMENT TOPS MUST BE CALCULATED.

WELL DATA SHEET

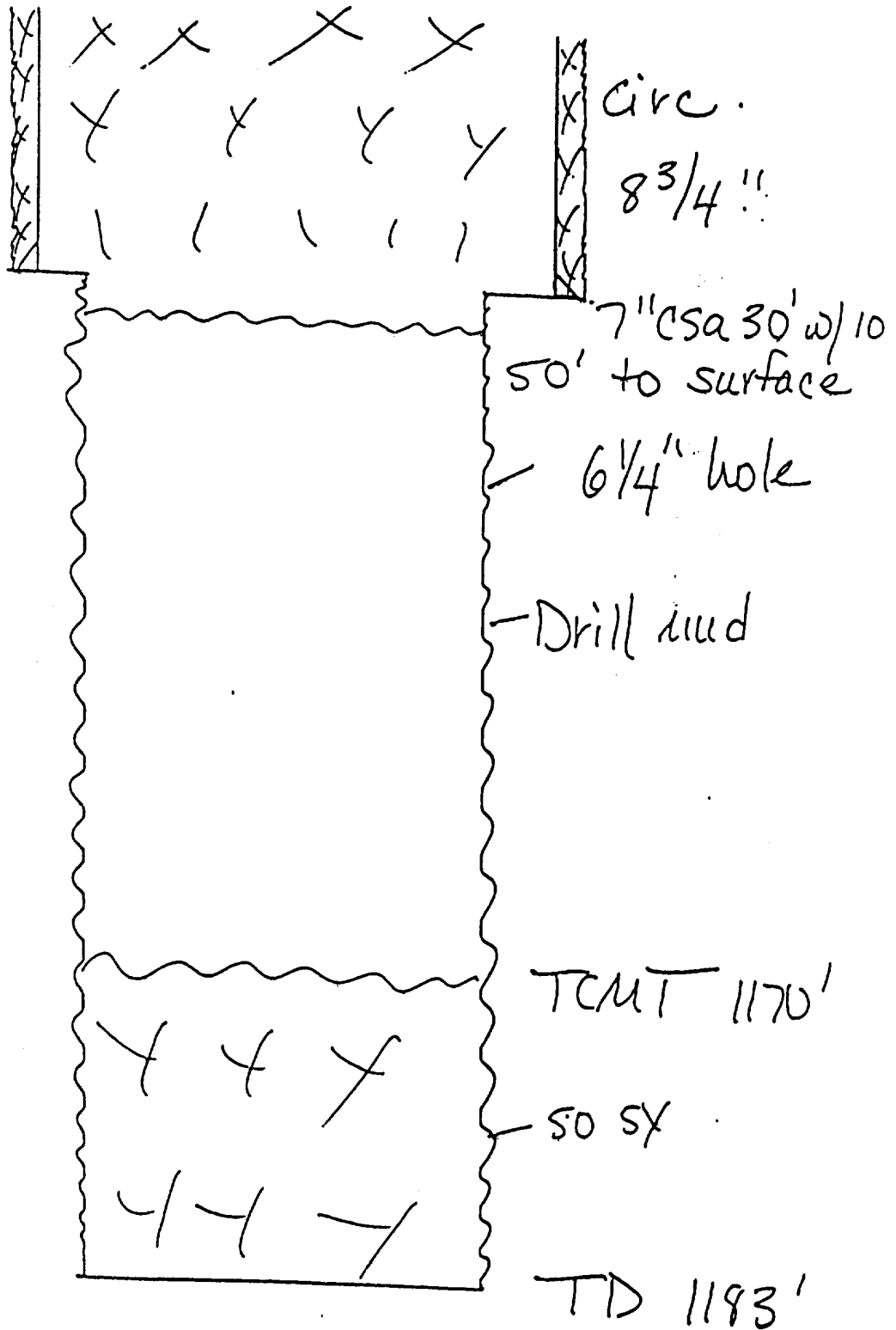
AZTEC OIL & GAS CO.		NAVAJO	11-14-59	
OPERATOR		LEASE	SPUD DATE	
#3	790FS-535FE	25	32N	18W
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE



WELL DATA SHEET

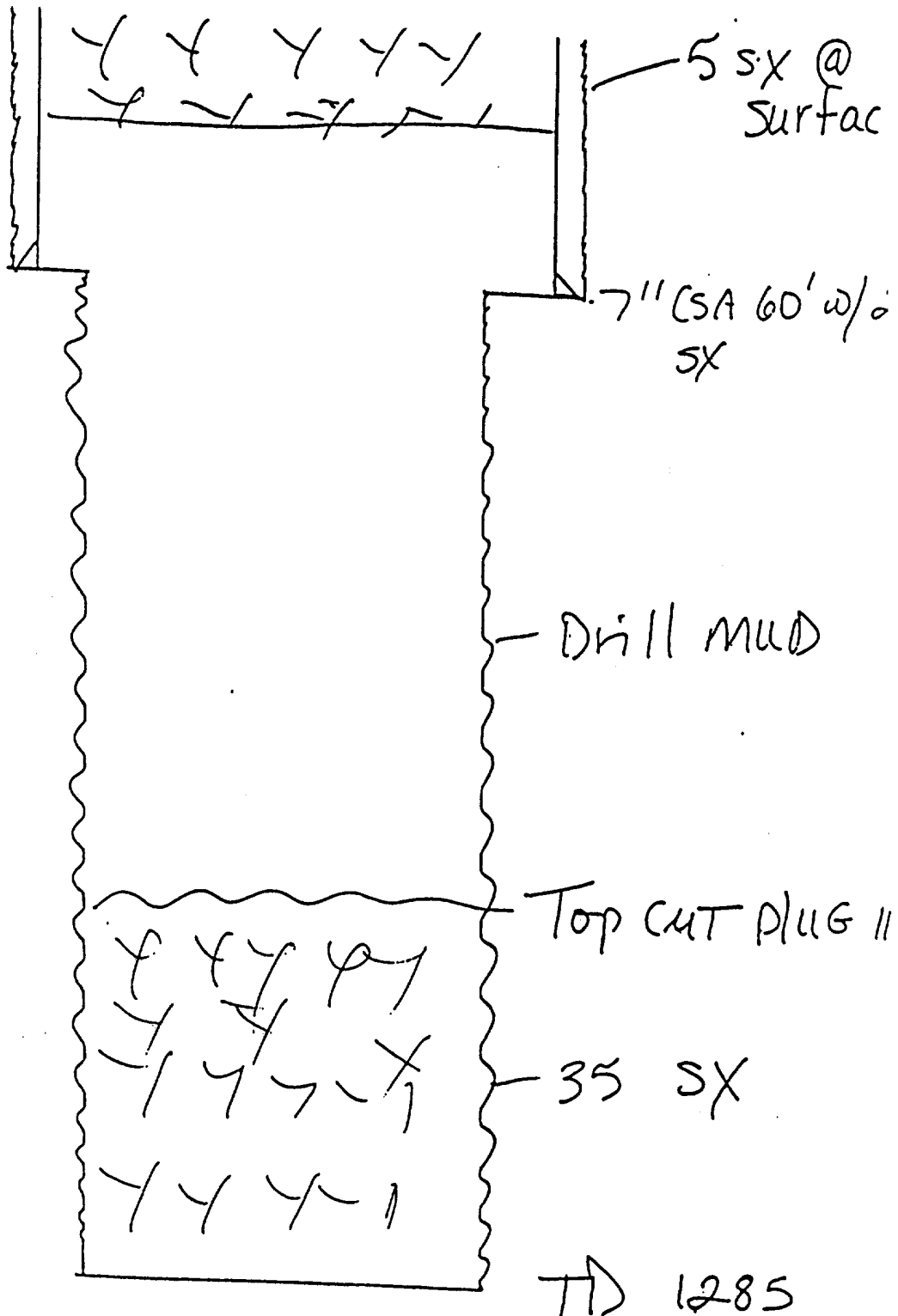
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#2	350FW-540FS	10	32N	17W

OPERATOR: HARLAN DRILLING CO. LEASE: NAVAJO SPUD DATE: 5-4-64



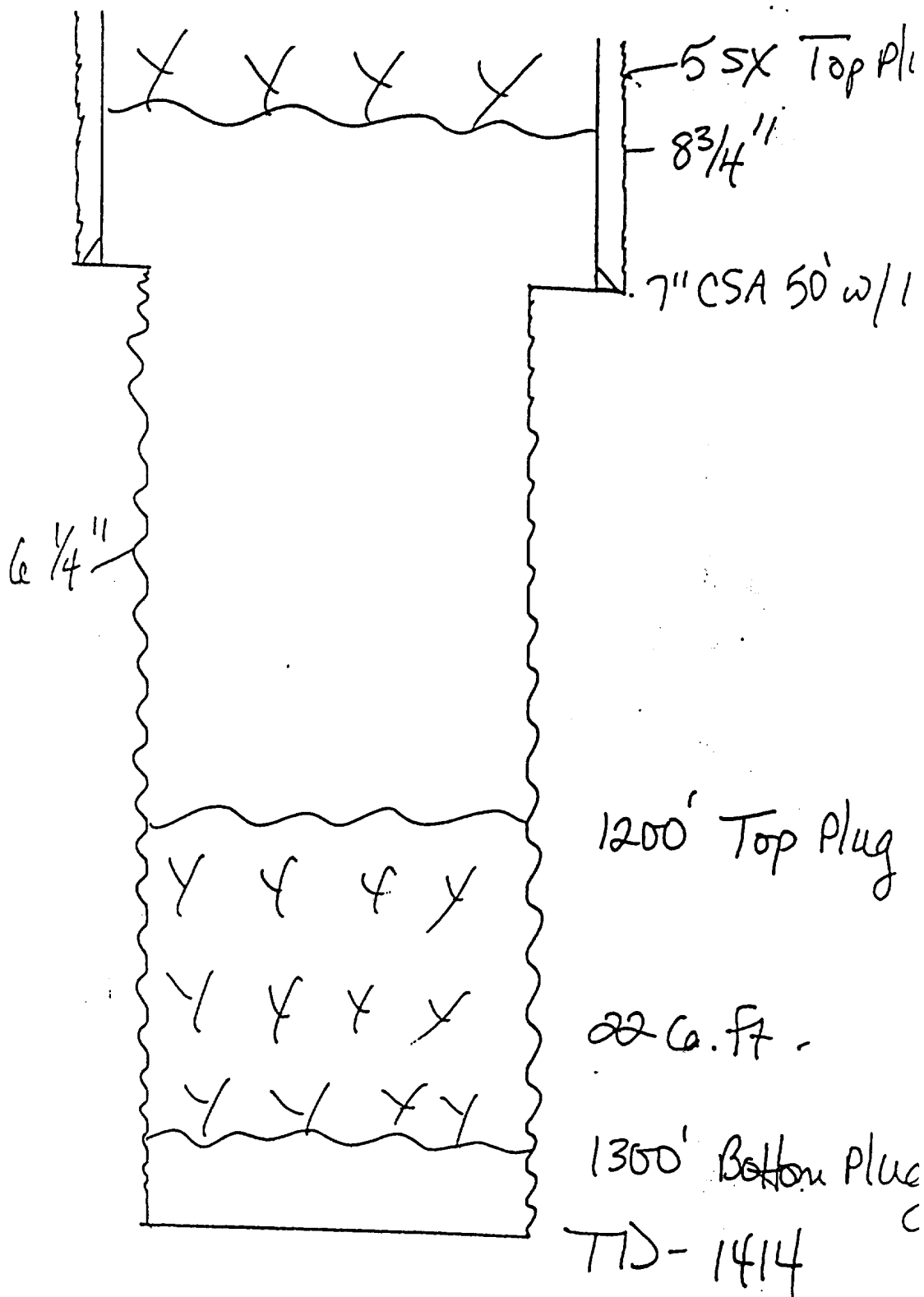
WELL DATA SHEET

AAA	FISHING TOOL	NAVAJO	12-3-70	
OPERATOR		LEASE	SPUD DATE	
B-1	1650FN-1650FE	15	32N	18W
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE



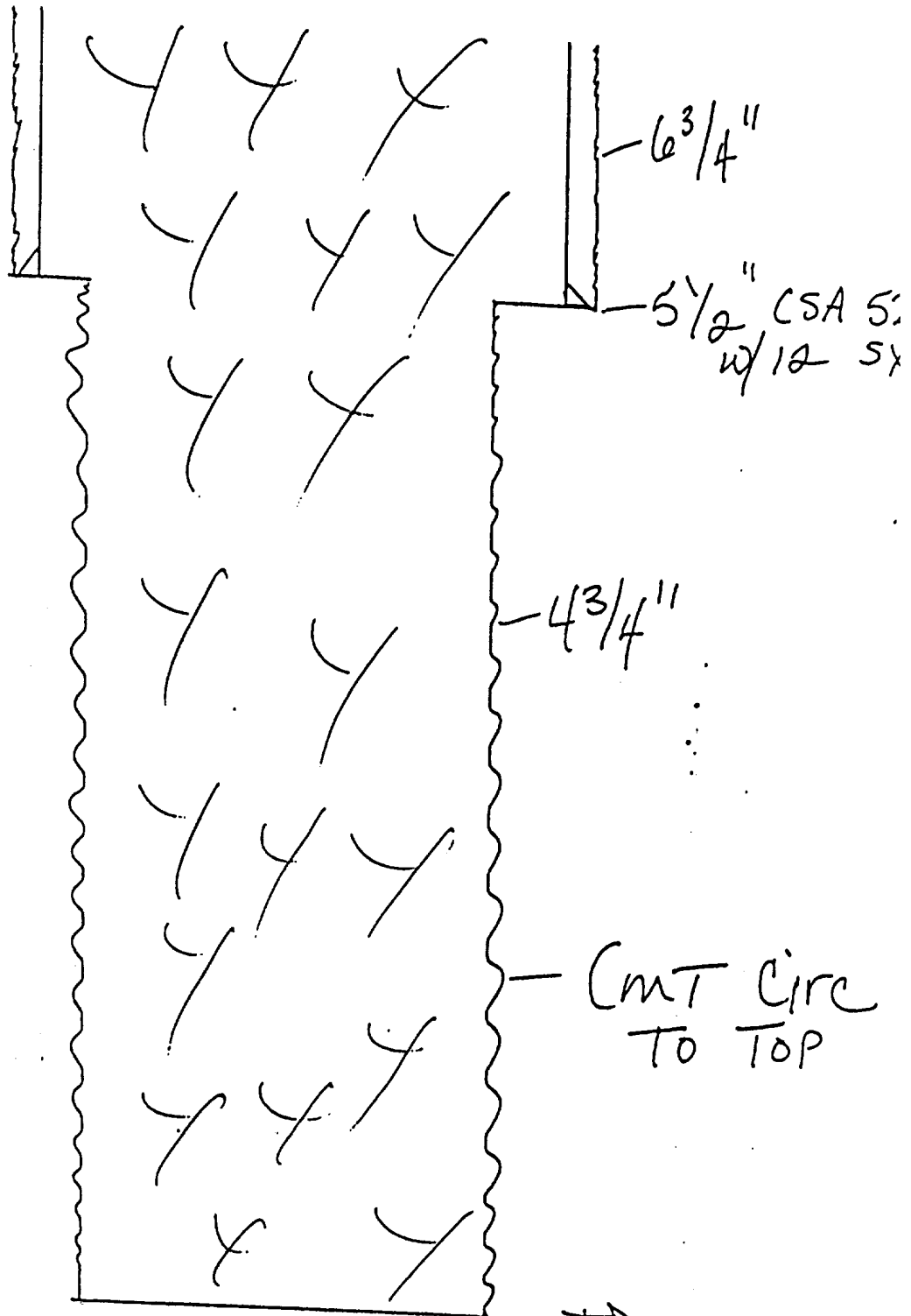
WELL DATA SHEET

AAA FISHING TOOL	NAVAJO	1-24-68
OPERATOR	LEASE	SPUD DATE
#4	3850FW-2510FS	15 32N 18W
WELL NO.	FOOTAGE LOCATION	SECTION TOWNSHIP RANGE



WELL DATA SHEET

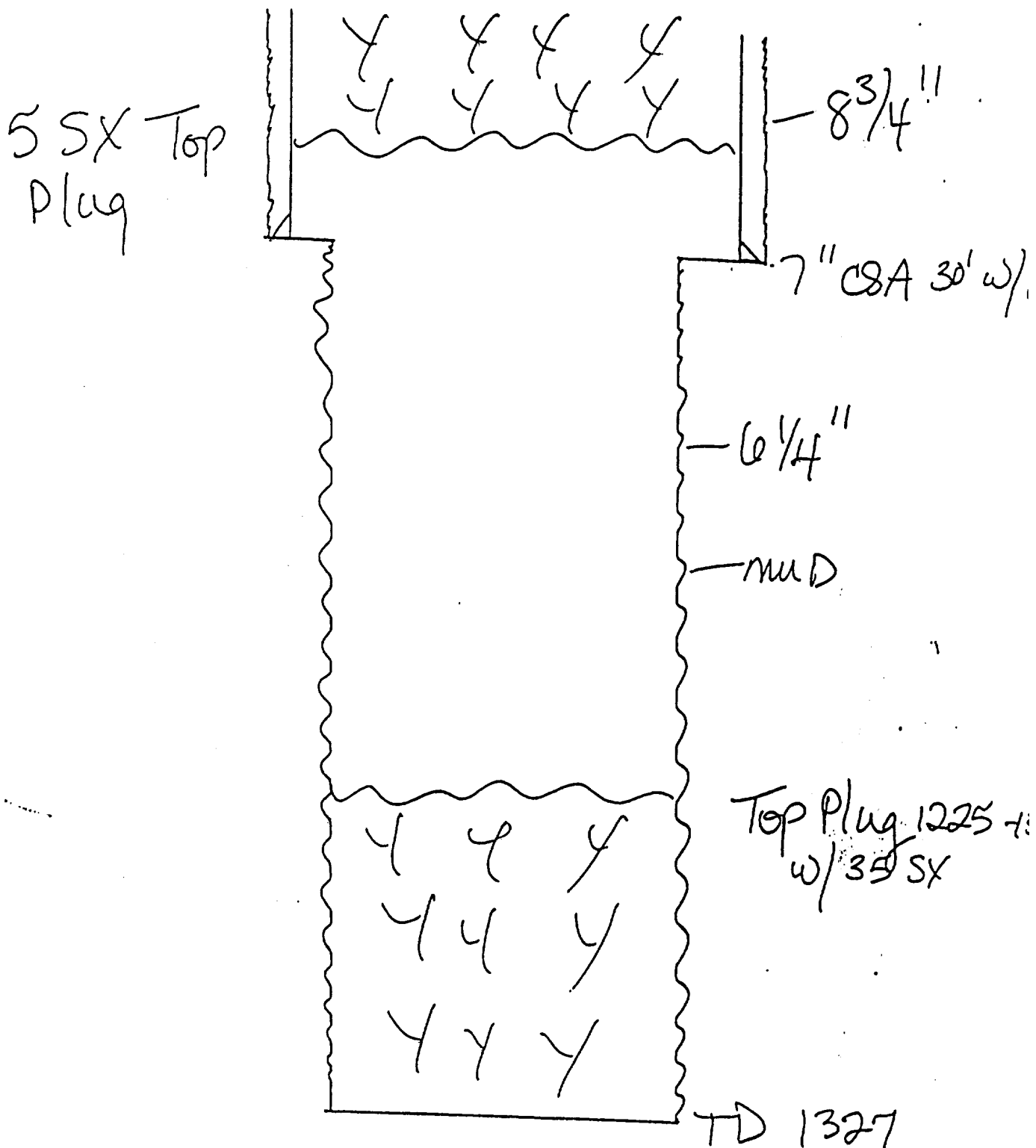
OPERATOR	R. L. BAYLESS	LEASE	NAVAJO	SPUD DATE	7-1-64
WELL NO.	#6	FOOTAGE LOCATION	1980FN-1980FE	TOWNSHIP	32N 18W
			25		



TD 1093

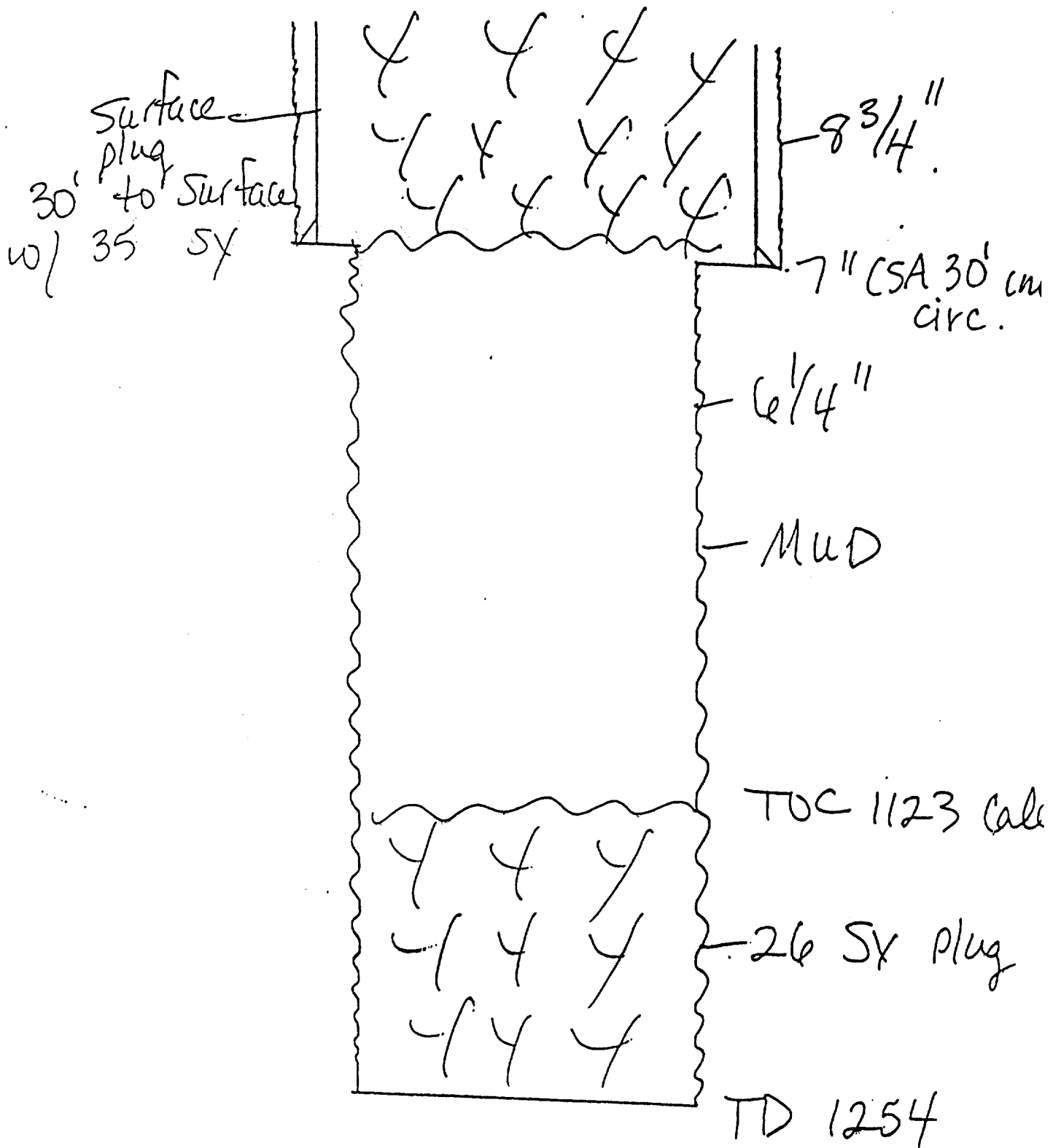
WELL DATA SHEET

EXPLORATION DRILLING CO.	NAVAJO	4-7-69
OPERATOR	LEASE	SPUD DATE
#7	990FS-990FW	14
		32N
		18W
WELL NO.	FOOTAGE LOCATION	SECTION
		TOWNSHIP
		RANGE



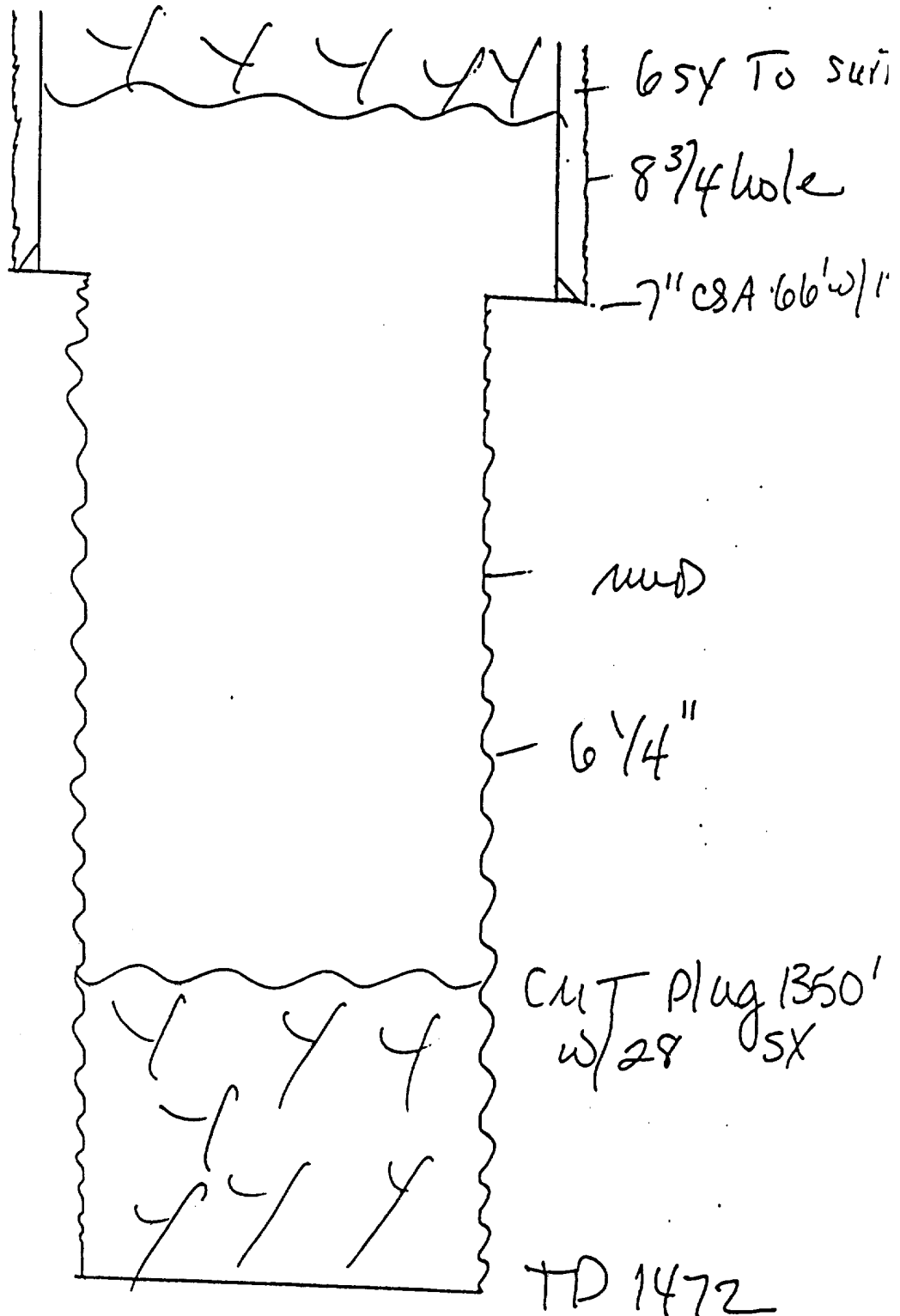
WELL DATA SHEET

EXPLORATION DRILLING CO.	NAVAJO	11-29-61
OPERATOR	LEASE	SPUD DATE
#5	2135FS-1935FE	23
		32N 18W
WELL NO.	FOOTAGE LOCATION	SECTION
		TOWNSHIP
		RANGE



WELL DATA SHEET

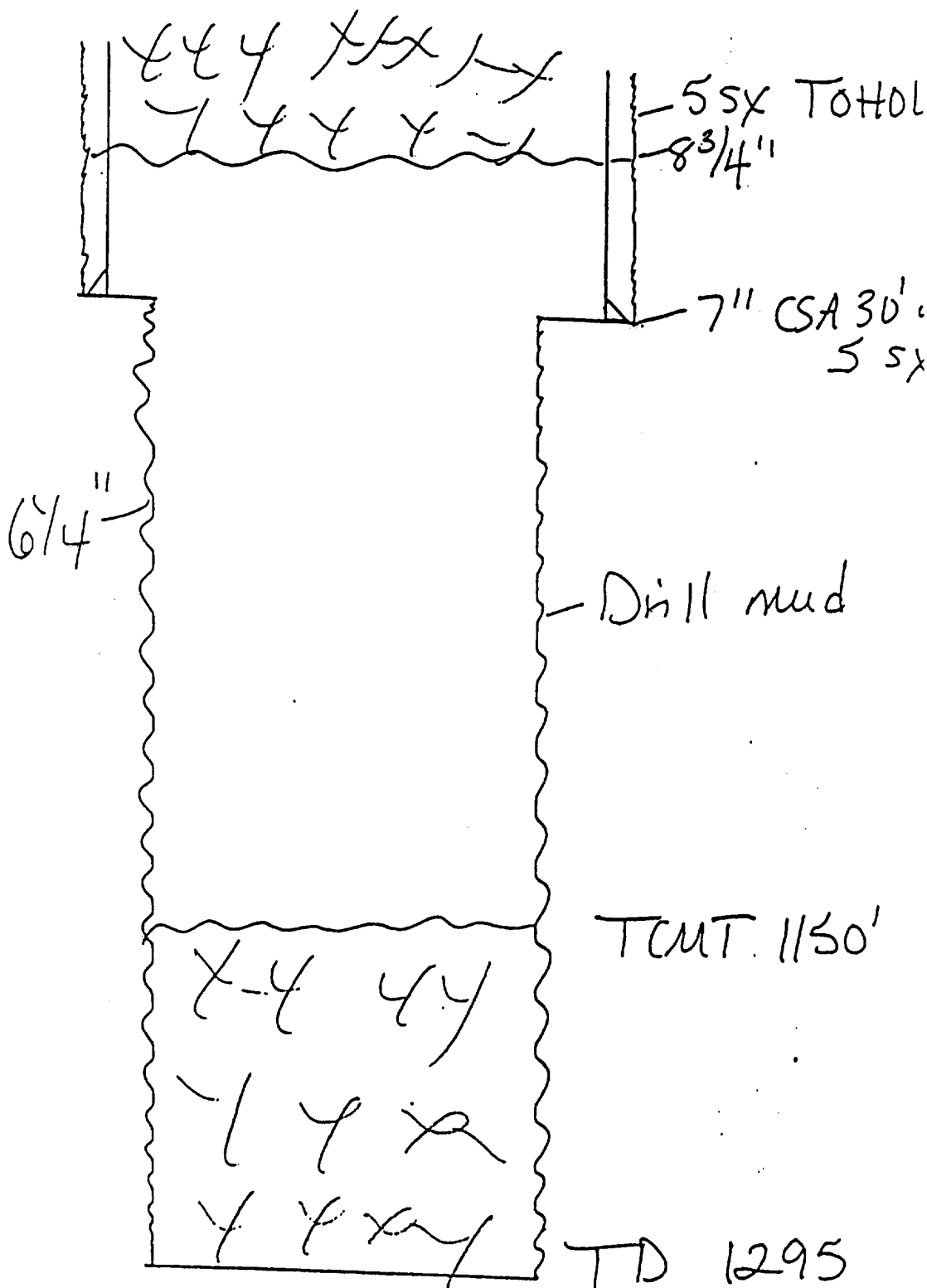
EXPLORATION DRILLING CO.	NAVAJO	12-30-61
OPERATOR	LEASE	SPUD DATE
#6	365FS-760FW	13 32N 18W
WELL NO.	FOOTAGE LOCATION	SECTION TOWNSHIP RANGE



WELL DATA SHEET

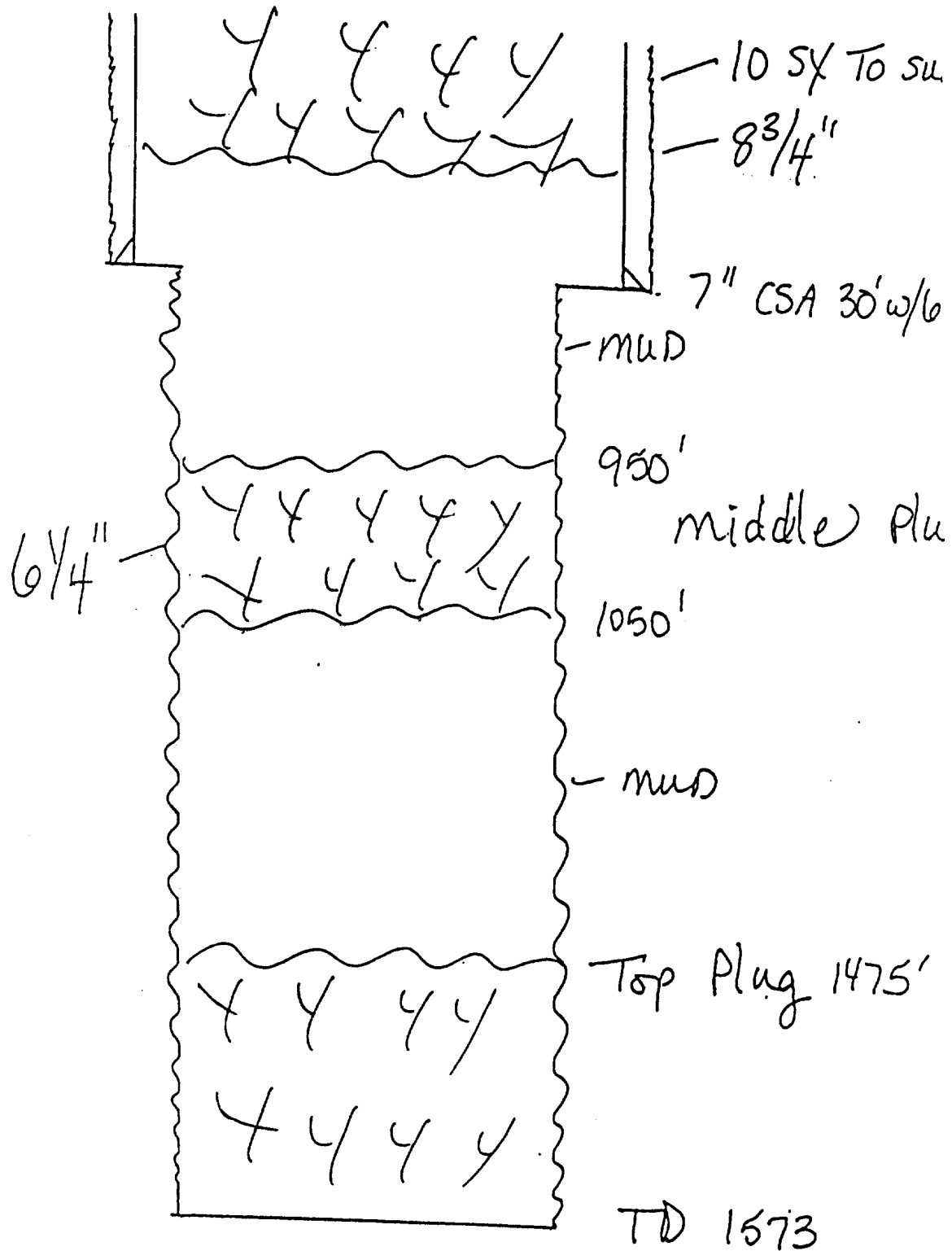
WELL NO.	FOOTAGE LOCATION	SECTION	TOWNSHIP	RANGE
#7	2310FW-4950FS	15	32N	18W

OPERATOR	LEASE	SPUD DATE
AAA FISHING TOOL	NAVAJO	2-24-69



WELL DATA SHEET

ZOLLER & DANNEBERG	BLUEHILL	7-26-65
OPERATOR	LEASE	SPUD DATE
#1	2319FN-1980FE	25
		32N
		18W
WELL NO.	FOOTAGE LOCATION	SECTION
		TOWNSHIP
		RANGE



Form 160-5
- November 1983)
Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on
reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

3. LEASE DESIGNATION AND SERIAL NO.

1420-603-583

4. IF INT'L, ALLIANCE TO TRIBE NAME

Navajo Tribal

7. GIFT AGREEMENT NAME

Mesa Gallup

8. NAME OF LEASE NAME

Navajo

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Mesa Gallup

11. SEC. T., R., W., OR BLK. AND
SUBST. OR AREA

SW SE Sec. 10-32N-18W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER Water Injection Well Conversion

2. NAME OF OPERATOR

GRAND RESOURCES, INC.

3. ADDRESS OF OPERATOR

2250 E. 73rd Street, Suite 400 Tulsa, OK 74136

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

440FSL - 1980 FEL
SW SE Sec. 10-32N-18W

14. PERMIT NO.

15. ELEVATION (Show whether OF, TO, OR, etc.)

5820' GL

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TEST

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Convert to water injection

FILL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLAT'S

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TEST

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data, 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.)

1. Lay down production tubing and rods.
2. Run plastic lined 2 3/8" tubing to 1550' with Baker Model R packer. Set packer @1550'. Load annular space with treated packer fluid. Press test annular for hole integrity.
3. Acidize perms 1664-78' with 500 gallons 15% MCA. Commence injection approximately January 15, 1991.

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

SIGNED

TITLE President

DATE

11-27-90

(If space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

WELL SCHEMATIC

Operator GRAND RESOURCES, INC.

Completion Date: 10/04/67

Well Name: Navajo

Well # 5

440 Ft. F S L & 1980 Ft. F E L

SW/4 SE 1 Section 10 Twp. 32N Rg. 18W

Surface Elevation 5820' GL

Formation(s) Top/Bottom
from PBTD to surface:

<u>Gallup Sand</u>	<u>1664</u>	<u>/</u>	<u>78</u>
<u>Gallup Silt</u>	<u>1550</u>	<u>/</u>	<u>1664</u>
<u>Mancos Shale</u>	<u>1550</u>	<u>/</u>	<u>surface</u>
_____	_____	<u>/</u>	_____
_____	_____	<u>/</u>	_____
_____	_____	<u>/</u>	_____

Tubing Size: 2 3/8 In.
Weight: 4.6 lb./Ft.
Length: 1550 Ft.

Packer Type: Hal Model R
Set at: 1550 Ft.

Formation(s) perforated above
packer:

None _____ ' to _____ '
_____ ' to _____ '

Formation(s) perforated below packer:

Gallup Sand 1664 ' to 1678 '
_____ ' to _____ '
_____ ' to _____ '

Open hole below production casing
from _____ ' to _____ '

Formation(s) present in open hole:

None

SURFACE CASING DATA

Hole Size: 8 3/4 In.
Casing Size: 7 In.
Weight: 26 lb/Ft.
Length: 60 Ft.
Cement Type: Class reg
Amount: 10 Sx.
Additives: None
Casing set at: 60 Ft.
Top of Cement: Circ Ft.
Method of
Determination: Circ

PRODUCTION CASING DATA

Hole Size: 6 1/2 In.
Casing Size: 4 1/2 In.
Weight: 9.5 lb/Ft.
Length: 1764 Ft.
Cement Type: Class reg
Amount: 135 Sx.
Additives: None
Casing Set at: 1764 Ft.
Top of Cement: 900 Ft.
Method of
Determination: Calc

PBTD: 1740'

TD: 1853'

TD:
1853'

2 3/8 Tbg. @1650'
4 1/2" Csg.
@1764'

Perfs: 1664-1678'

NOTE: All depths are to be from
ground level. If KB depths are
used make notations on diagram &
give height of KB above ground
level.

Permit # _____

Well Completion and Operation Data

Type Injection Well: (EOR) SWD/HC Storage) (New/Conversion)

Injection: (Continuous/Cyclic)

Approximate # days operating/year 365
Rate (B/D): Average 300 Maximum 500
Wellhead pressure (psi): Average 250 Maximum 1000
Fluid: TDS _____ Sp. Gr. _____ Analyses included: (yes/no)
Source (formation name) Entrada
Will anything be added to the water to be injected? (yes/no)
What will those additives be? _____

Geologic Data (all references to depths are below land surface)

Injection Interval: Top 1664'; Bottom 1678'; Effective Thickness 14'
Formation name Gallup Lithology Sandstone
Porosity (%) 18 Current Reservoir Pressure 120# Date 11/15/90
Current Fluid Level in Well 200 ft. Date 11/15/90
Permeability (md) 150
Drill Stem Test Included: (YES) (NO)

Confining Zones: Thickness between injection zone and USDW _____
Lithology _____ Shales _____
Cumulative shale 1500: thickest shale zone All (interval)
Faults: Are there any faults in the area of the well which penetrate the injection interval? (Yes/No)

Well Data: (all references to depths are below land surface)

Surface Elevation: 5820' (KB/GL) Total (Depth/Plugged Back Depth) 1853'/1740'
Date Drilled or to be drilled 10/04/67
Type logs available on (this well/offset well): (By reference/included) _____

Induction

	Size (in)	Depth Interval	Sacks of Cement	Hole Size	Cement Interval	How Determined
Construction:						
Surface Csg.	<u>7"</u>	<u>60'</u>	<u>10</u>	<u>8 3/4</u>	<u>Circ</u>	<u>Circ</u>
Intermediate Csg.						
Long String Csg.	<u>4 1/2"</u>	<u>1764'</u>	<u>135</u>	<u>6 1/4</u>	<u>1764-900</u>	<u>Calc</u>
Liner						
Tubing	<u>2 3/8"</u>	<u>1650'</u>				
			Packer type and depth <u>Hal Model R/1764'</u>			

Other Perforated Intervals None

CAMPBELL & BLACK, P.A.
LAWYERS

May 15 1989
JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
MARK F. SHERIDAN
J. SCOTT HALL
JOHN M. BEMIS
WILLIAM P. SLATTERY
MARTE D. LIGHTSTONE
PATRICIA A. MATTHEWS

JEFFERSON PLACE
SUITE 1 - 110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE: (505) 988-4421
TELECOPIER: (505) 983-6043

May 12, 1989

Grand Resources, Inc.
2250 E. 73rd Street
Tulsa, Oklahoma 74136

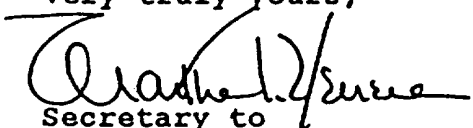
Attn: Jana Ray

Re: Oil Conservation Division Cases 9636 and 9637:
Applications for Statutory Unitization and Approval of
a Waterflood Project, San Juan County, New Mexico

Dear Jana:

Enclosed are copies of the notice letters we discussed this date.
If you require anything further, give me a call.

Very truly yours,


Secretary to
WILLIAM F. CARR
Enclosures

CAMPBELL & BLACK, P.A.

LAWYERS

JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
MARK F. SHERIDAN
J. SCOTT HALL
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JEFFERSON PLACE
SUITE 1 - 110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE (505) 988-4421
TELECOPIER (505) 983-8043

March 8, 1989

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Dugan Production Corporation
Post Office Box 5820
Farmington, New Mexico 87499

Attn: Tom Dugan

Re: Application of Grand Resources Inc. for Statutory
Unitization, San Juan County, New Mexico

Gentlemen:

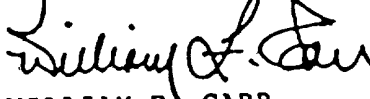
This letter is to advise you that Grand Resources Inc. has filed an application with the New Mexico Oil Conservation Division seeking an order statutorily unitizing for the purpose of establishing a secondary recovery project, all mineral interests in the designated and undesignated Mesa-Gallup Pool underlying 4800.00 acres, more or less, of Federal Indian lands in Sections 10, 13, 14, 15, 23 and 24 and the N/2 of Section 25, Township 32 North, Range 18 West and Section 30, Township 32 North, Range 17 West. Said unit is to be designated the Mesa-Gallup Unit Area. Among the matters to be considered at the hearing will be the necessity of unit operations; the designation of a unit operator; the determination of the horizontal and vertical limits of the unit area; the determination of the fair, reasonable, and equitable allocation of production and costs of production, including capital investment, to each of the various tracts in the unit area; the determination of credits and charges to be made among the various owners in the unit area for their investment in wells and equipment; and such other matters as may be necessary and appropriate for carrying on efficient unit operations; including but not limited to, unit voting procedures, selection, removal or

Dugan Production Corporation
March 8, 1989
Page Two

substitution of unit operator, and time of commencement and termination of unit operations. Applicant also requests that any such order issued in this case include a provision for carrying any nonconsenting working interest owner maintain the unit area upon such terms and conditions to be determined by the Division as just and reasonable.

This application has been set for hearing before an Examiner of the Oil Conservation Division on March 29, 1989. You do not need to be present at the hearing, but failure to appear at the hearing or otherwise become a party of record in this case will preclude you from challenging this matter at a later date.

Very truly yours,

A handwritten signature in dark ink, appearing to read "William F. Carr", with a long, sweeping horizontal line extending to the right.

WILLIAM F. CARR
ATTORNEY FOR GRAND RESOURCES, INC.
WFC:mlh
cc: Marvin Rabinowitz

P-106 676 409

REC-1PT FOR CERTIFIED MAIL

NO POSTAGE NECESSARY
IF MAILED IN THE U.S.

(See Reverse)

Sent to Attn: Tom Dugan Dugan Production Corporation	
Street and No. Post Office Box 5820	
P.O. State and ZIP Code Farmington, NM 87499	
Postage	\$ 1.25
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	\$ 2.00
Postmark or Date March 8, 1989	

PS Form 3800, June 1985

PS Form 3811, Mar. 1988 • U.S.G.P.O. 1988-212-966 DOMESTIC RETURN RECEIPT

● SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional service(s) requested. 1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)	
3. Article Addressed to: Dugan Production Corporation Post Office Box 5820 Farmington, New Mexico 87499 Attn: Tom Dugan	4. Article Number P 106 676 409 Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X	
7. Date of Delivery 3-9-89	

P-106 676 407
 RECEIPT FOR CERTIFIED MAIL

Sent to: Attn: Tom Dugan Dugan Production Corporation	
Street and No. Post Office Box 5820	
P.C. State and ZIP Code Farmington, New Mexico 87499	
Postage	1.25
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt (if any) Date and Address of Delivery	.90
TOTAL Postage and Fees	2.00
Postmark or Date March 8, 1989	

PS Form 3800, June 1985

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent the card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional services requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to: Dugan Production Corporation Post Office Box 5820 Farmington, New Mexico 87499 Attn: Tom Dugan	4. Article Number P 106 676 407
5. Signature - Address X	Type of Service: ☒ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise
6. Signature - Agent X	Always obtain signature of addressee or agent and DATE DELIVERED.
7. Date of Delivery 3-9-89	8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, Mar. 1988 • U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

CAMPBELL & BLACK, P.A.
LAWYERS

JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
MARK F. SHERIDAN
J. SCOTT HALL
JOHN W. BEMIS
MARTE D. LIGHTSTONE
PATRICIA A. MATTHEWS

JEFFERSON PLACE
SUITE 110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE (505) 968-4421
TELECOPIER (505) 963-6043

March 8, 1989

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Air-Mex Corporation
First Western National Bank Building
Post Office Box 249
Moab, Utah 84532

Attn: Skip Nightengale

Re: Application of Grand Resources Inc. for Statutory
Unitization, San Juan County, New Mexico

Gentlemen:

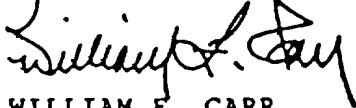
This letter is to advise you that Grand Resources Inc. has filed an application with the New Mexico Oil Conservation Division seeking an order statutorily unitizing for the purpose of establishing a secondary recovery project, all mineral interests in the designated and undesignated Mesa-Gallup Pool underlying 4800.00 acres, more or less, of Federal Indian lands in Sections 10, 13, 14, 15, 23 and 24 and the N/2 of Section 25, Township 32 North, Range 18 West and Section 30, Township 32 North, Range 17 West. Said unit is to be designated the Mesa-Gallup Unit Area. Among the matters to be considered at the hearing will be the necessity of unit operations; the designation of a unit operator; the determination of the horizontal and vertical limits of the unit area; the determination of the fair, reasonable, and equitable allocation of production and costs of production, including capital investment, to each of the various tracts in the unit area; the determination of credits and charges to be made among the various owners in the unit area for their investment in wells and equipment; and such other matters as may be necessary and appropriate for carrying on efficient unit operations; including but not limited to, unit voting procedures, selection, removal or

Air-Mex Corporation
March 8, 1989
Page Two

substitution of unit operator, and time of commencement and termination of unit operations. Applicant also requests that any such order issued in this case include a provision for carrying any nonconsenting working interest owner maintain the unit area upon such terms and conditions to be determined by the Division as just and reasonable.

This application has been set for hearing before an Examiner of the Oil Conservation Division on March 29, 1989. You do not need to be present at the hearing, but failure to appear at the hearing or otherwise become a party of record in this case will preclude you from challenging this matter at a later date.

Very truly yours,



WILLIAM F. CARR
ATTORNEY FOR GRAND RESOURCES, INC.
WFC:mlh
cc: Marvin Rabinowitz

P-106 676 408
 RECEIPT FOR CERTIFIED MAIL

Send to: Attn: Skip Nightengale Air-Mex Corporation	
Street and No. Post Office Box 249	
P.O. State and ZIP Code Moab, Utah 84532	
Postage	\$ 1.25
Certified Fee	1.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	\$ 2.00
Postmark or Date March 8, 1989	

PS Form 3800, June 1985

PS Form 3811, Mar. 1988 • U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

● SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent the item from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional services requested. 4. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)	
3. Article Addressed to: Air-Mex Corporation First Western National Bank Bldg. Post Office Box 249 Moab, Utah 84532	4. Article Number P 106 676 408
5. Signature - Address Attn: Skip Nightengale	Type of Service: ☐ Registered ☐ Insured ☒ Certified ☐ COD ☐ Express Mail ☐ Return Receipt for Merchandise Always obtain signature of addressee or agent and DATE DELIVERED.
6. Signature - Agent X <i>Skip Nightengale</i>	8. Addressee's Address (ONLY if requested and fee paid)
7. Date of Delivery <i>3-10-89</i>	

CAMPBELL & BLACK, P.A.
LAWYERS

JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
MARK F. SHERIDAN
J. SCOTT HALL
JOHN H. BEMIS
WILLIAM P. SLATTERY
MARTE D. LIGHTSTONE
PATRICIA A. MATTHEWS

JEFFERSON PLACE
SUITE 1 - 110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE: (505) 986-4421
TELECOPIER: (505) 983-6043

March 8, 1989

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Air-Mex Corporation
First Western National Bank Building
Post Office Box 249
Moab, Utah 84532

Attn: Skip Nightengale

Re: Application of Grand Resources Inc. for Approval of a
Waterflood Project, San Juan County, New Mexico

Gentlemen:

This letter is to advise you that Grand Resources Inc. has filed an application with the New Mexico Oil Conservation Division seeking authority to institute a waterflood project by injection of water into the Gallup formation in its proposed Mesa Gallup Unit Area underlying Sections 10, 13, 14, 15, 23 and 24 and the N/2 of Section 25, Township 32 North, Range 18 West and Section 30, Township 32 North, Range 17 West, Mesa-Gallup Pool, San Juan County, New Mexico.

This application has been set for hearing before an Examiner of the Oil Conservation Division on March 29, 1989. You do not need to be present at the hearing, but failure to appear at the hearing or otherwise become a party of record in this case will preclude you from challenging this matter at a later date.

Very truly yours,



WILLIAM F. CARR
ATTORNEY FOR GRAND RESOURCES, INC.

WFC:mlh

cc: Marvin Rabinowitz

P-106 676 406

RECEIPT FOR CERTIFIED MAIL

NO RETURN COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Attn: Skip Nightengale Air-Mex Corporation	
Street and No. Post Office Box 249	
P.O. State and ZIP Code Moab, Utah 84532	
Postage	\$1.25
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	.90
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom Date and Address of Delivery	3.20
TOTAL Postage and Fees	\$2.00
Postmark or Date April 11, 1989 March 8, 1989	

PS Form 3800, June 1985

1. Article Addressed to: Attn: Skip Nightengale First Western National Post Office Box 249 Moab, Utah 84532		2. Article Number: 106 676 406	
3. Signature: Skip Nightengale		4. Article Number: 106 676 406	
5. Date of Delivery: 3-10-89		6. Return Receipt: Return Receipt showing to whom and Date Delivered	
7. Signature: Skip Nightengale		8. Return Receipt: Return Receipt showing to whom Date and Address of Delivery	
9. Signature: Skip Nightengale		10. Return Receipt: Return Receipt showing to whom Date and Address of Delivery	

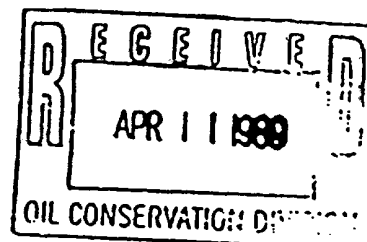
CAMPBELL & BLACK, P.A.
LAWYERS

JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
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WILLIAM P. SLATTERY
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PATRICIA A. MATTHEWS

JEFFERSON PLACE
SUITE 1 - 110 NORTH GUADALUPE
POST OFFICE BOX 2208
SANTA FE, NEW MEXICO 87504-2208
TELEPHONE (505) 988-4421
TELECOPIER (505) 983-6043

April 11, 1989

HAND-DELIVERED



William J. LeMay, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
State Land Office Building
Santa Fe, New Mexico 87503

Re: Case No. 9637:
In the Matter of the Application of Grand Resources Inc.
for a Waterflood Project, San Juan County, New Mexico

Dear Mr. LeMay:

Enclosed please find an original and two copies of Oil Conservation Division Form C-108 which is the written application of Grand Resources Inc. in the above-referenced case which has been set for hearing before a Division examiner on April 26, 1989.

Your attention to this matter is appreciated.

Very truly yours,

William F. Carr
WILLIAM F. CARR

WFC:mlh
Enclosures

cc w/enclosures: Certified Mail - Return Receipt Requested

Bureau of Land Management
435 Montano Rd., NE
Albuquerque, New Mexico 87107

Dugan Production Corporation
Post Office Box 5820
Farmington, New Mexico 87499

Air Mex Corporation
First Western National Bank Building
Post Office Box 249
Moab, Utah 84532
Attn: Skip Nightengale

5861 June 1980, w/9 of 54

P-106 676 392

RECEIPT FOR CERTIFIED MAIL

U.S. POSTAL SERVICE
FIRST CLASS PERMIT NO. 1000 ALBUQUERQUE, NM

See Reverse

Sent to	
Bureau of Land Management	
Street and No.	
435 Montano Rd., NE	
P.O. State and ZIP Code	
Albuquerque, NM 87107	
Postage	\$ 1.45
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	\$ 3.20
Postmark or Date	
April 11, 1989	

PS Form 3811, Mar. 1988 • U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check boxes for additional services requested.

1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Name change)

3. Article Addressed to: Bureau of Land Management
435 Montano Rd., NE
Albuquerque, New Mexico 87107

4. Article Number : P 106 676 392

Type of Service: ☐ Registered ☐ Insured
☒ Certified ☐ COO
☐ Express Mail ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature - Addressee X *[Signature]*

6. Signature - Agent X

7. Date of Delivery *4-13-89*

8. Addressee's Address (ONLY if requested and fee paid)

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
 Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent the card from being returned to you. The return receipt fee will provide you the name of the person delivering to and the date of delivery. For additional fees the following services are available. Consult postmaster for fee and check boxes for additional service(s) requested.
 1. ☒ Show to whom delivered, date, and addressee's address. 2. ☐ Restricted Delivery (Extra charge)

3. Article Addressed to:
 Air-Mex Corporation
 First Western National Bank Bldg.
 Post Office Box 249
 Moab, Utah 84532
 Attn: Skip Nightengale

4. Article Number
 P 106 676 395

Type of Service:
☒ Registered ☐ Insured
☒ Certified ☐ COO
☐ Express Mail ☐ Return Receipt for Merchandise

5. Signature - Address
 X

6. Signature - Agent
 X *[Signature]*

7. Date of Delivery
 4-13-89

8. Addressee's Address (ONLY if requested and fee paid)
 Always obtain signature of addressee or agent and DATE DELIVERED.

PS Form 3871, Mar. 1988 • U.S. P.O. 1988-212-665 DOMESTIC RETURN RECEIPT

P-106 676 395
 RECEIPT FOR CERTIFIED MAIL

See Reverse

Sent to Attn: Skip Nightengale
 Air-Mex Corporation

Street and No.
 Post Office Box 249

P.O. State and ZIP Code
 Moab, Utah 84532

Postage \$ 1.45

Certified Fee .85

Special Delivery Fee

Restricted Delivery Fee

Return Receipt showing to whom and Date Delivered .90

Return Receipt showing to whom Date and Address of Delivery

TOTAL Postage and Fees \$ 3.20

Postman's Date
 April 11, 1989

PS Form 3800, July 84

RECEIPT FOR CERTIFIED MAIL
NO. 100-100000-100000
NO. 100-100000-100000
(See Reverse)

Sent to	
Dugan Production Corp.	
Street and No	
Post Office Box 5820	
P O State and ZIP Code	
Farmington, NM 87499	
Postage	\$ 1.45
Certified Fee	.85
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	.90
Return Receipt showing to whom Date and Address of Delivery	
TOTAL Postage and Fees	\$ 3.20
Postmark or Date	
April 11, 1989	

PS Form 3800, June 1985

● SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for rates and check boxes for additional services requested. 1. ☒ Show to whom delivered, date, and addressee's address. (Extra charge) 2. ☐ Restricted Delivery (Extra charge)		4. Article Number P 106 676 394 Type of Service: <table style="width: 100%;"> <tr> <td>☐ Registered</td> <td>☐ Insured</td> </tr> <tr> <td>☒ Certified</td> <td>☐ COD</td> </tr> <tr> <td>☐ Express Mail</td> <td>☐ Return Receipt for Merchandise</td> </tr> </table> Always obtain signature of addressee or agent and DATE DELIVERED.		☐ Registered	☐ Insured	☒ Certified	☐ COD	☐ Express Mail	☐ Return Receipt for Merchandise
☐ Registered	☐ Insured								
☒ Certified	☐ COD								
☐ Express Mail	☐ Return Receipt for Merchandise								
3. Article Addressed to: Dugan Production Corporation Post Office Box 5820 Farmington, NM 87499		5. Signature - Address X							
6. Signature - Agent X <i>[Signature]</i>		7. Date of Delivery <i>4.13.89</i>							
8. Addressee's Address (ONLY if requested and for paid)									

INDUCTION LOG

THIS HEADINGS AND LOG CONFORMS TO API RP 31 A

S GAMMA RAY TRACED FROM GAMMA RAY NEUTRON LOG

USED S.O.
CART. No.
PANEL No.
SONDE No.

	DEPTHs	CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms. m}^2/\text{m}}$
		6 FF40 INDUCTION
	400	200
		600
		400
		RESISTIVITY - ohms. m ² /m

- ohms. m²/m

INDUCTION

0 100

0 1000

0000

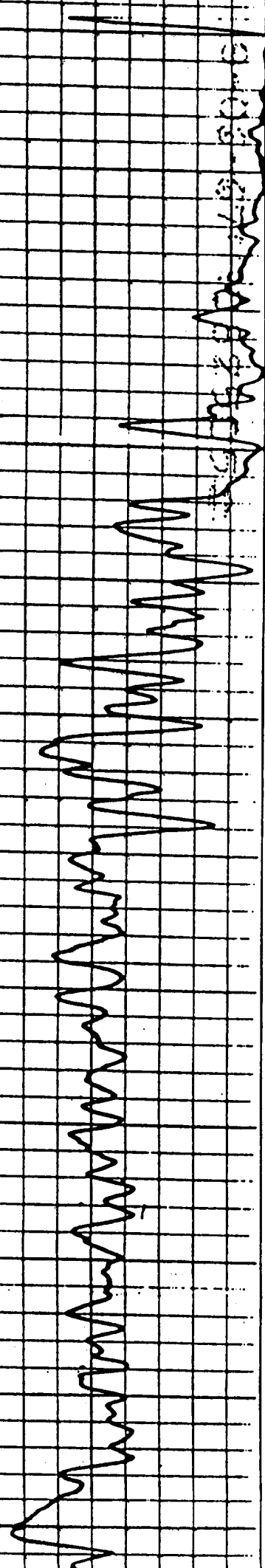
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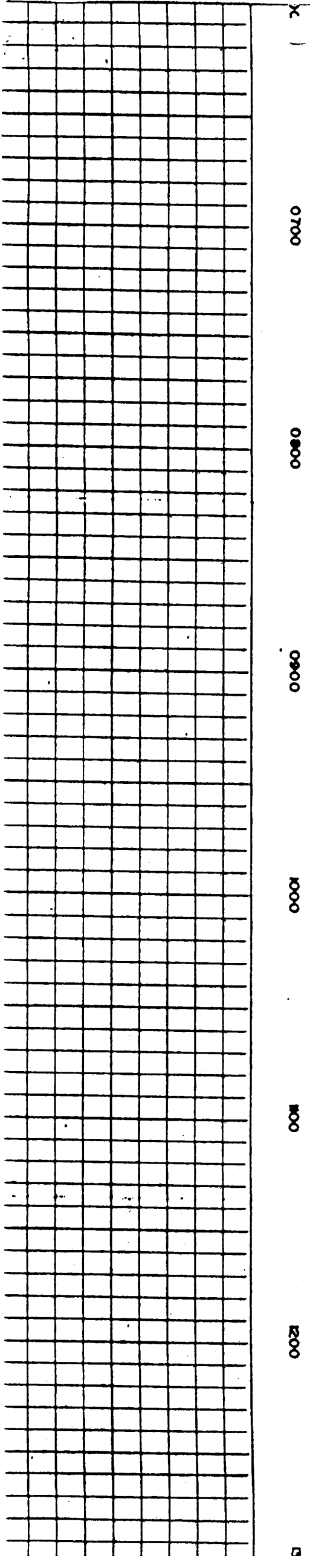
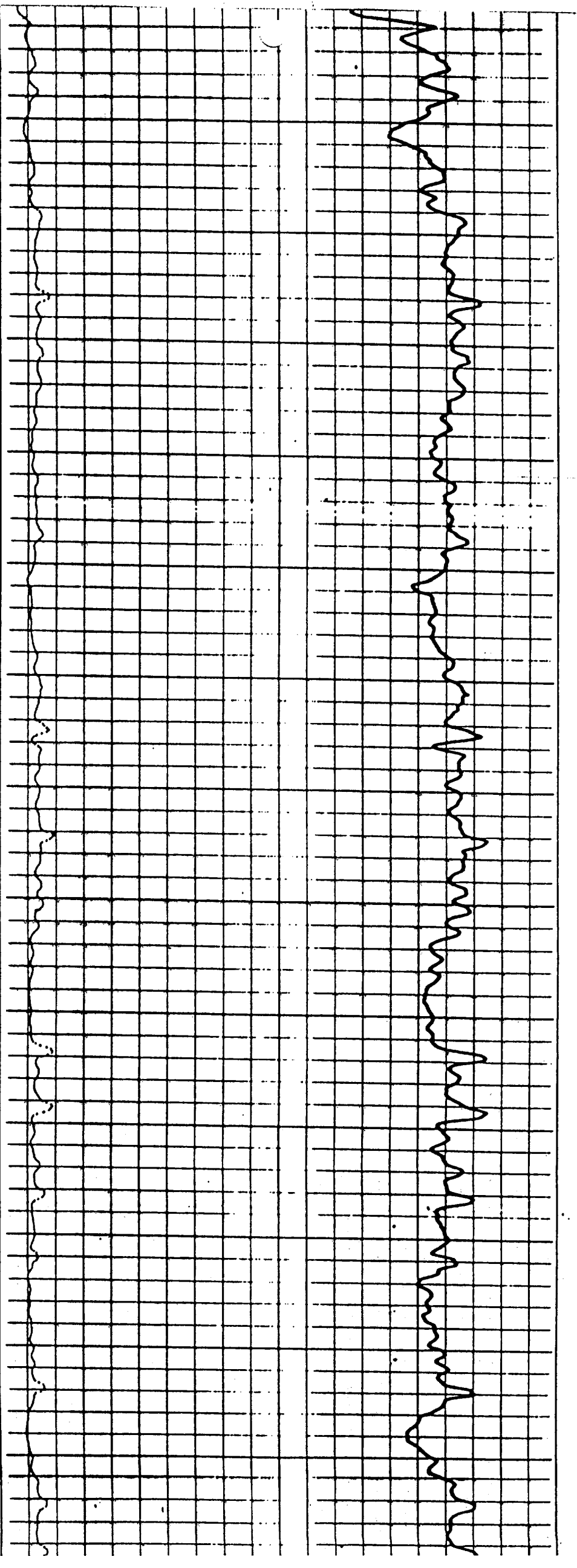
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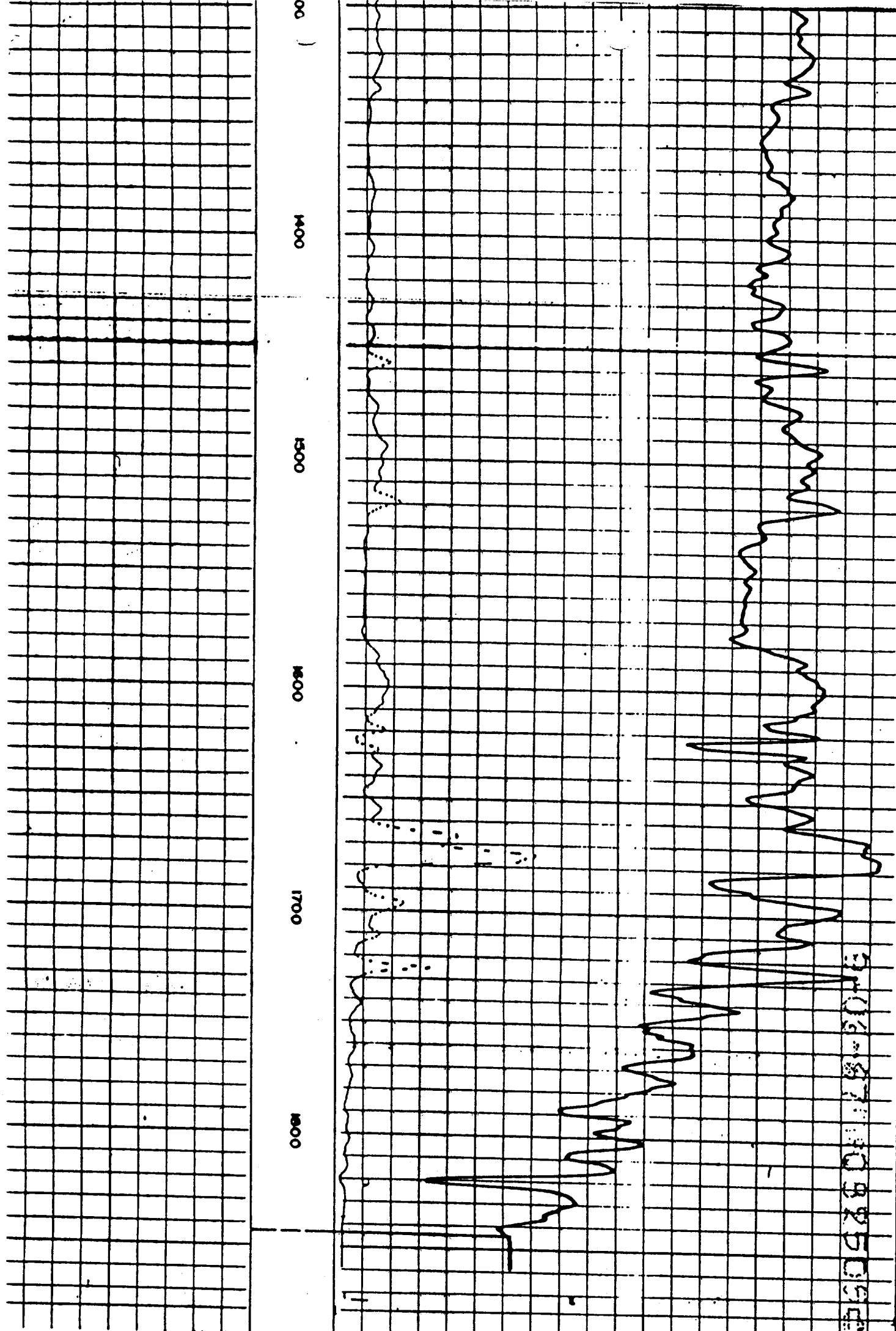
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0200

0250







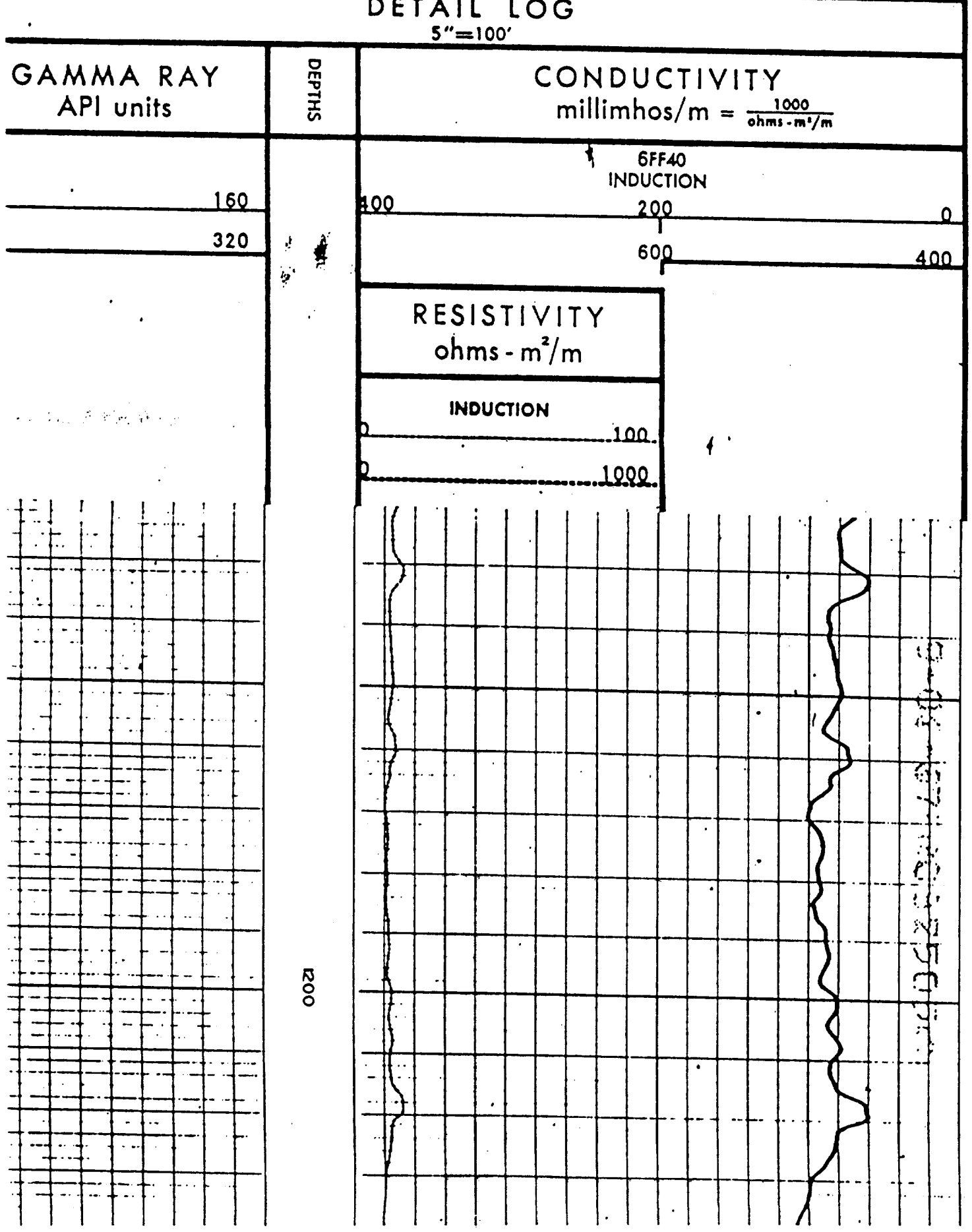
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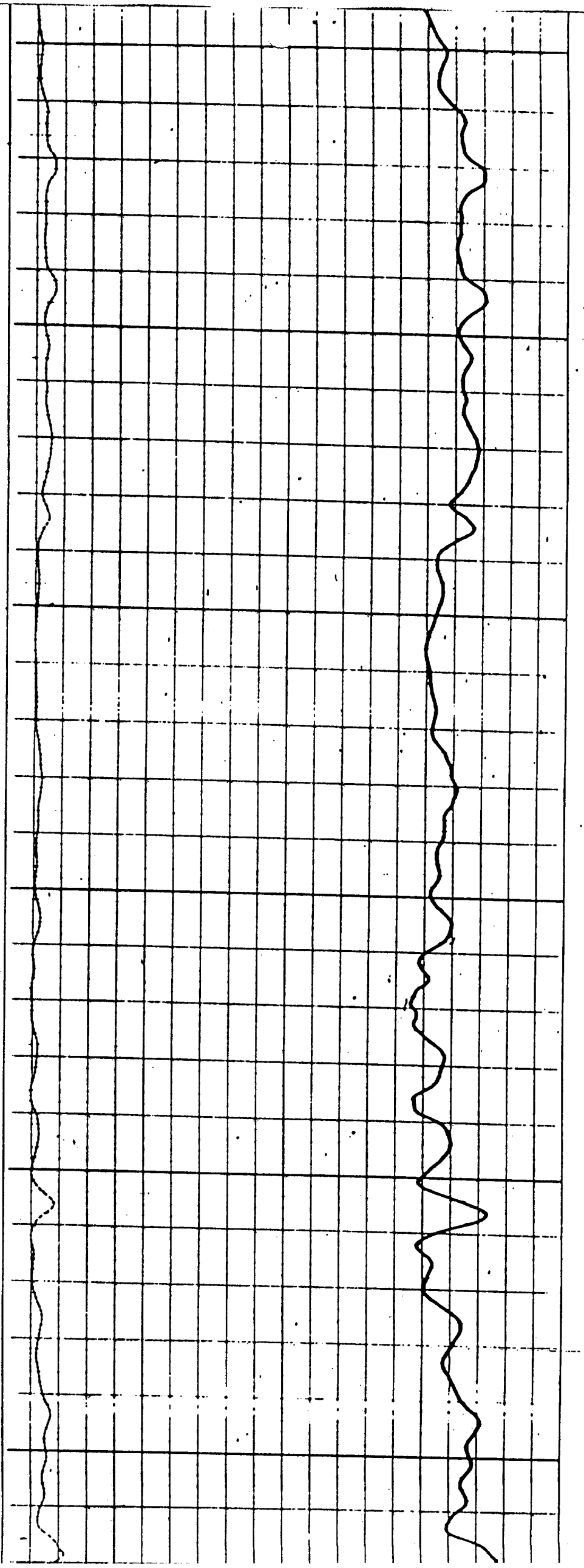
INDUCTION	
0	100
0	1000
RESISTIVITY ohms - m ² /m	

		6" 40 INDUCTION 200 400 600 0 400
	DEPTHS	CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms} \cdot \text{m}^2/\text{m}}$

COMPANY AAA FISHING TOOL COMPANY
WELL NAVAJO #5
FIELD UNDESIGNATED
COUNTY SAN JUAN STATE NEW MEXICO

SWSC FR 1846'
SWSC TD 1853'
DRLR TD 1856'
Elev: KB --
DF --
GL 5820'



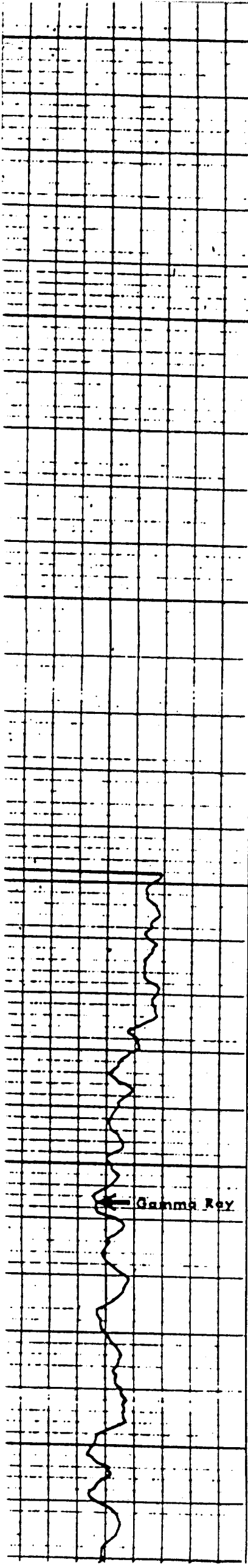


1300

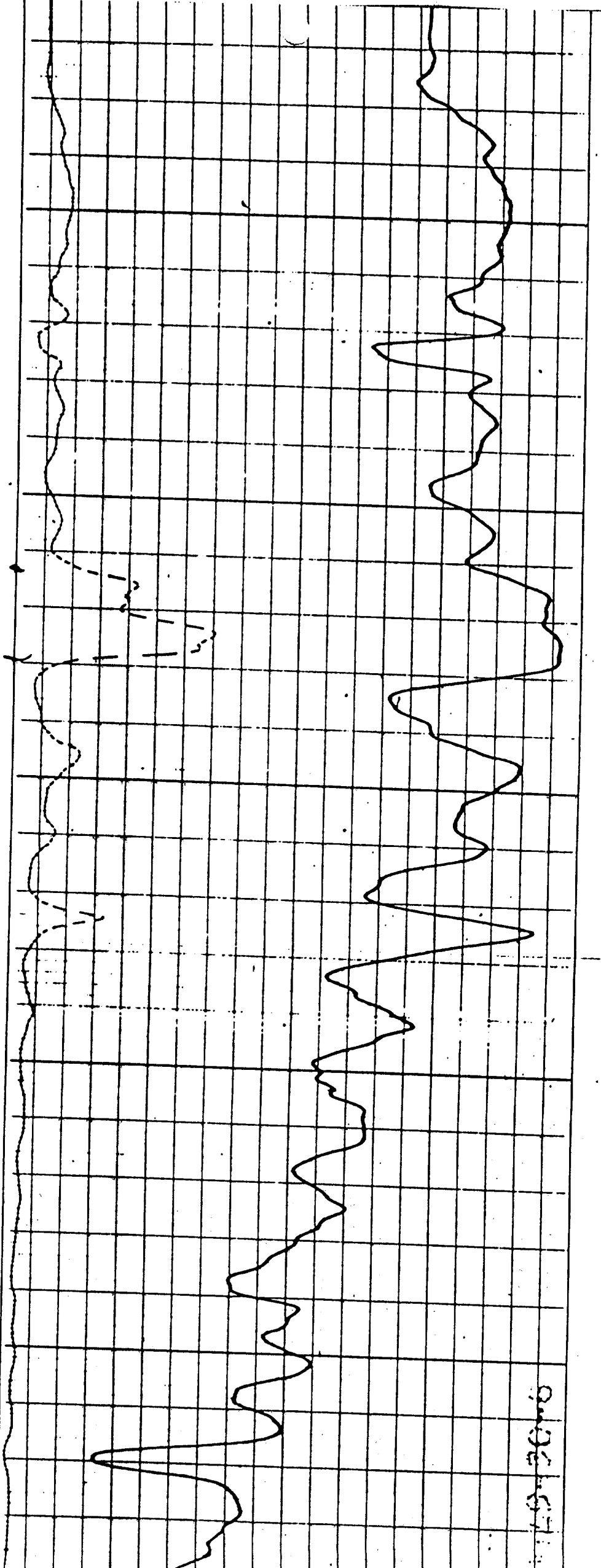
1400

1500

Gamma Ray



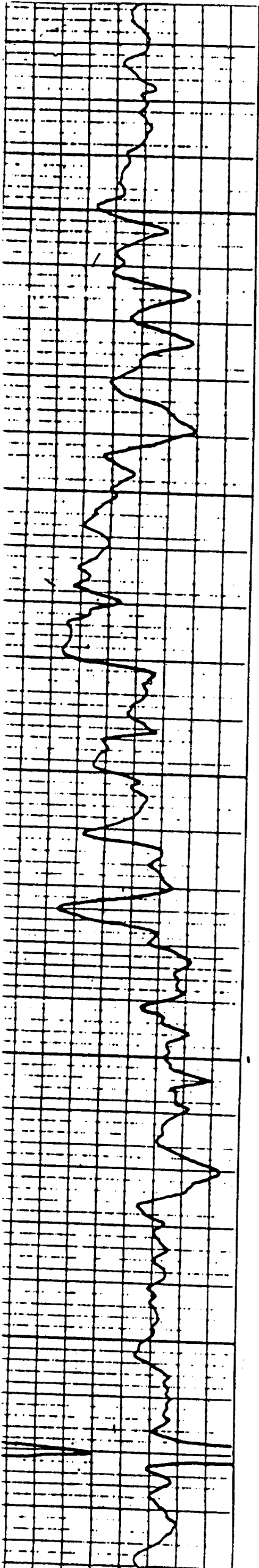
0402-571



0091

1700

1800



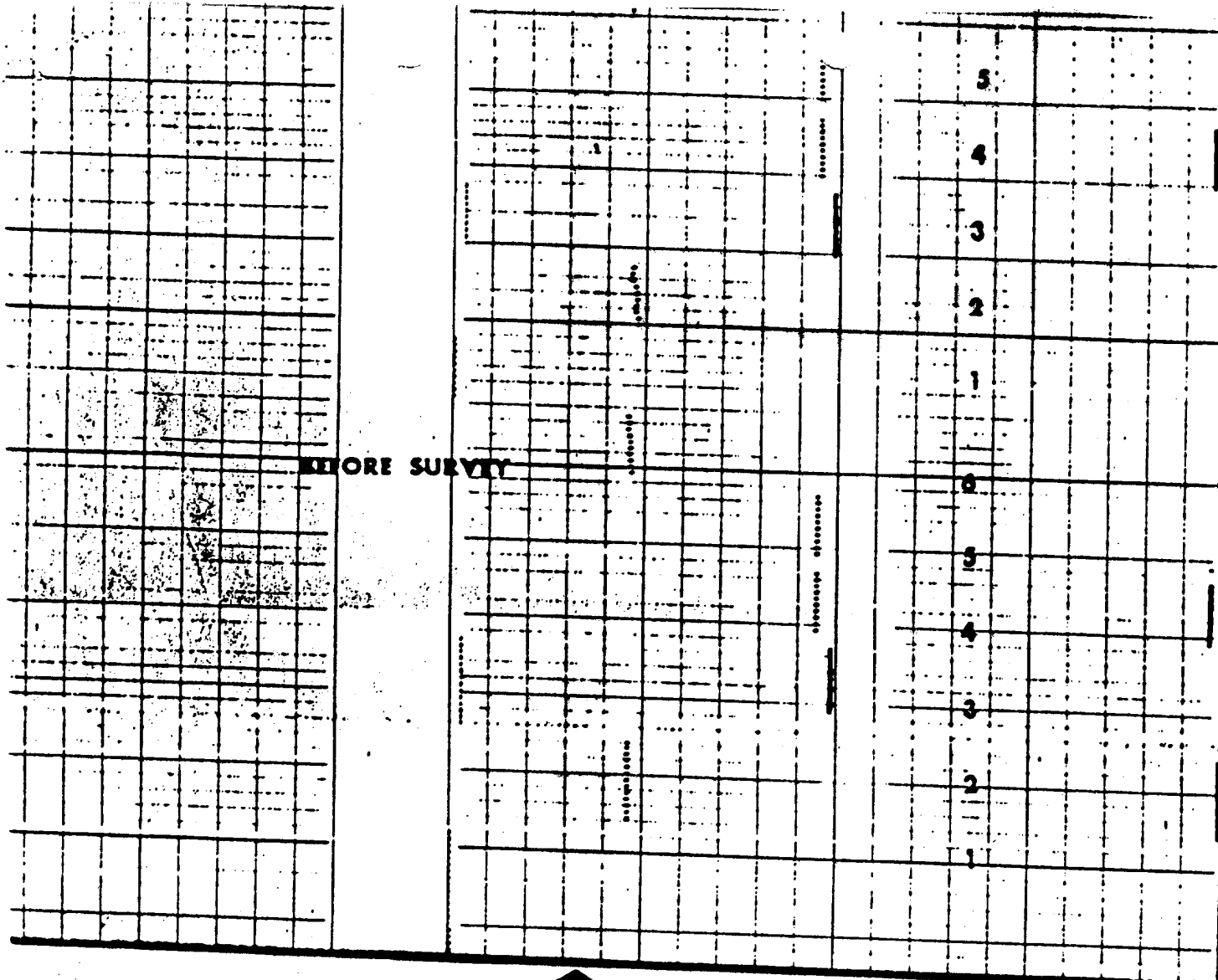
		INDUCTION	
		0	100
		0	1000
		RESISTIVITY ohms - m ² /m	
160		400	6FF40 INDUCTION
320			200
			600
			400
GAMMA RAY API units	DEPTHS	CONDUCTIVITY millimhos/m = $\frac{1000}{\text{ohms} \cdot \text{m}^2/\text{m}}$	

COMPANY AAA FISHING TOOL COMPANY
 VELL NAVAJO # 5
 IELD UNDESIGNATED
 COUNTY SAN JUAN STATE NEW MEXICO

SWSC FR 1846
 SWSC TD 1853
 DRLR TD 1856
 Elev: KB ---
 DF ---
 GL 5820

CALIBRATION DATA

AFTER SURVEY		
		6
		5
		4
		3
		2
		1
BEFORE SURVEY		0
		5
		4



CALIBRATION DATA

COMPANY AAA FISHING TOOL COMPANY
WELL NAVAJO #5
ELD UNDESIGNATED
COUNTY SAN JUAN STATE NEW MEXICO

SWSC FR 1846'
SWSC TD 1853'
DRLR TD 1856'
Elev: KB --
DF --
GL 5820'