

Mobil Exploration & Producing U.S. Inc.

August 4, 1994

HOUSTON DIVISION
12450 GREENSPPOINT DRIVE
HOUSTON, TEXAS 77060-1991

State of New Mexico
Oil Conservation Division
State Land Office Bldg.
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: William J. Lemay
Director

*Received
OCDD
8/10/94*

**MULTIPLE COMPLETION AND
EXCEPTION TO RULE 104(F)
CORRIGAN GAS COM, WELL NO. 5
BLINEBRY & TUBB GAS POOLS
LEA COUNTY, NEW MEXICO**

Gentlemen:

Mobil Exploration & Producing U.S. Inc., (MEPUS) as agent for Mobil Producing Texas & New Mexico, Inc. (MPIM) requests administrative approval to complete its Corrigan Gas Com Well No. 5 as a multiple completion in accordance with Rule 112-A in the Blinebry and Tubb Gas Pools at an unorthodox location. Well No. 5 is located 535 feet from the West line and 660 feet from the North line (Unit J) of Section 33, T-21-S, R-37-E, Lea County, New Mexico and will be located on the same 160-acre proration unit as Well No. 7, which is currently a Blinebry producer. Well No. 5 is currently carried as the Hugh Corrigan Well No. 5 located on a 120-acre tract, and is completed in the Paddock. The well will be carried as Corrigan Gas Com, Well No. 5 when it is recompleted.

In support of this application, the following is submitted:

- 1) Forms C-101, C-102, and C-107
- 2) Flow justification
- 3) Location plat
- 4) Diagrammatic sketch of multiple completion
- 5) Log of subject well
- 6) List of offset operators

Mobil

New Mexico Oil Conservation Div.

-2-

August 04, 1994

A copy of this letter and Forms C-101, C-102, C-107 and location plat are being furnished to offset operators on the attached list by certified mail as their notification of this application.

Should you need additional information, please feel free to contact me at 713-775-2099.

Sincerely,



Bobbie R. Brown
Env. & Reg. Technician II

Attachments

cc: Oil Conservation Division - Hobbs
Offset Operators

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address Mobil Exploration & Producing U.S. Inc. As Agent for Mobil Producing TX & NM Inc. 12450 Greenspoint Drive Houston, TX 77060-1991		² OGRID Number
		³ API Number 30-025-06992
⁴ Property Code	⁵ Property Name Corrigan Gas Com	⁶ Well Number 5

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	33	21-S	37-E		660	North	535	West	Lea

⁸ Proposed 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

⁹ Proposed Pool 1 Blinebry Gas	¹⁰ Proposed Pool 2 Tubb Gas
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¹¹ Work Type Code R/C	¹² Well Type Code Gas	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code Fee	¹⁵ Ground Level Elevation 3440'
¹⁶ Multiple Yes	¹⁷ Proposed Depth 5470-5916' 5961-6195'	¹⁸ Formations Blinebry/Tubb	¹⁹ Contractor Unknown	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary
Subject well is currently completed in the Paddock. Permission requested to squeeze Paddock perms, perf and frac the Blinebry and Tubb. A dual tubing/casing completion is proposed with the Blinebry producing up the tubing casing annulus, Blinebry perms (5470-5916), Tubb perms (5961-6195).

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Bobbie R. Brown</i>	OIL CONSERVATION DIVISION	
Printed name: Bobbie R. Brown	Approved by:	
Title: Env. & Reg. Tech II	Title:	
Date: August 4, 1994	Approval Date:	Expiration Date:
Phone: 713/775-2099	Conditions of Approval: Attached <input type="checkbox"/>	

District I
PO Box 1960, Hobbs, NM 88241-1960
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-06992		² Pool Code		³ Pool Name Blinebry Gas/Tubb Gas			
⁴ Property Code		⁵ Property Name Corrigan Gas Com				⁶ Well Number 5	
⁷ OGRID No.		⁸ Operator Name Mobil Exploration & Producing U.S. Inc. As Agent for Mobil Producing TX & NM Inc.				⁹ Elevation 3440'	

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
J	33	21-S	37-E		660	North	535	West	Lea

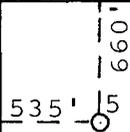
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County

¹² Dedicated Acres 160/2 wells	¹³ Joint or Infill s	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

					¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>		
					<i>Bobbie R. Brown</i> Signature Bobbie R. Brown Printed Name		
					Env. & Reg. Tech II Title August 4, 1994 Date		
						¹⁸ SURVEYOR CERTIFICATION <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>	
						Date of Survey	
						Signature and Seal of Professional Surveyor:	
							Certificate Number



07

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Arterria, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-107
Revised 4-1-91

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Operator	Address						
Mobil Exploration & Producing U.S. Inc. as Agent for Mobil Producing TX & NM Inc. 12450 Greenspoint Dr., Houston, TX 77060							
Lease	Well No.	Unit	Ltr.	Sec.	Twp.	Rge	County
Corrigan Gas Com	5	J		33	21-S	37-E	Lea

All applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Blinebry		Tubb
b. Top and Bottom of Pay Section (Perforations)	5470-5916'		5961-6195'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
e. Daily Production <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Estimated Oil Bbls. Gas MCF Water Bbls.	Production is based on production from surrounding wells 5 bbls oil 5 bbls water 350 mcf gas		5 bbls oil 5 bbls water 150 mcf gas

2. The following must be attached:
- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
 - Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
 - Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

I hereby certify above information is true and complete to best of my knowledge, and belief.

Signature Bobbie R. Brown

Printed Name & Title Bobbie R. Brown

Date August 4, 1994 Telephone 713/775-2099

OIL CONSERVATION DIVISION

Approved by: _____

Title: _____

Date: _____

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard production unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

Corrigan No.5 Flow Justification

Based on IPR/TPC calculations as presented in attached graph, the proposed completion of the Blinebry up the 5-1/2" casing by 2-3/8" tubing in the Corrigan No.5 well should be not encounter liquid loading. The proposed sand fracture stimulation should create adequate conductivity to achieve wellhead velocities of >10 ft/sec which will exceed liquid load up. The nodal flow calculations were based our best estimate of permeability and reservoir pressure as indicated from Mobil's recent Blinebry recompletions in the Eunice Area. The attached graph illustrates that the Blinebry should produce until the BHP depletes to below 400 psi. At that time Mobil will evaluate extended the economic life of the well by commingling the Tubb/Blinebry up a tubing completion.

Economics also warrant a dual casing/tubing completion versus a two string tubing completion. The 5-1/2" casing will only allow a dual design of 2-3/8" and 1-1/2" or less tubing. The additional cost of purchasing and running an extra string of tubing and dual wellhead is +- \$32,000 and significantly diminishes the economic expectation of this possible marginal gas recompletion. In addition to this extra cost, any subsequent workover requiring pulling a dual string in +- 47 year old casing is considered risky and reserve potential would have to be significant to attempt such a procedure. This potential is not evident at this. On the other hand a workover of pulling 2-3/8" in 5-1/2" casing is considered routine.

SENSITIVITY OF BPMM LIQUID RATE

Use/FID: CORRIGAN 5/ EUNICE

Well ID: NO.5

7/24/94

21:14:40

NOMINAL DATA

TPC PARAMETER = WATER BPM (bb1/MM)
 IPR PARAMETER = RES PRES (psig)

□ 5.0 ○ 20.0 △ 50.0 + 100.0 X 500.0
 ◇ 800.0 ↖ 600.0 X 400.0 Z 200.0

—— IPR —— TUBING INTAKE

Fluid Properties :

Gas Gr = 0.69
 Water Gr = 1.06
 WBPM = 5.0 bb1/MM

Wellbore Data :

Whp = 50.0 psig
 TVD = 5700.0 ft
 Corr = GRAY

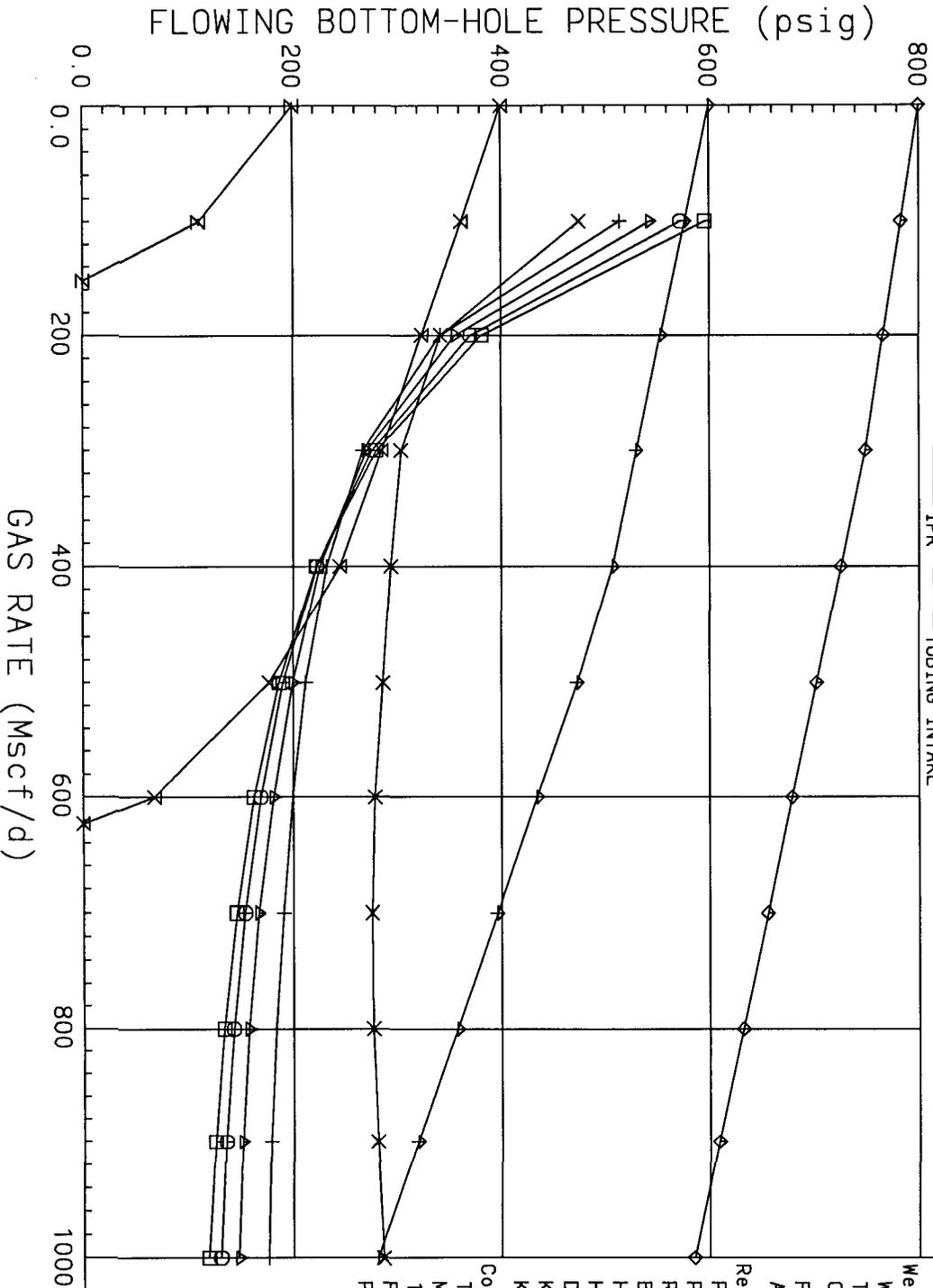
Flow/ OD (in) /MD(ft)
 Ann1/5.50X2.375/ 6000

Reservoir Data :

Pr = 800.0 psig
 Perm = 0.5 md
 Re = 800.0 ft
 Bit Size = 7.875 in
 Hnorm = 80.0 ft
 Hmeas = 80.0 ft
 Dmg Thck = 2.0 in
 Kd/Kf = 0.4
 Kh/Kv = 5.0

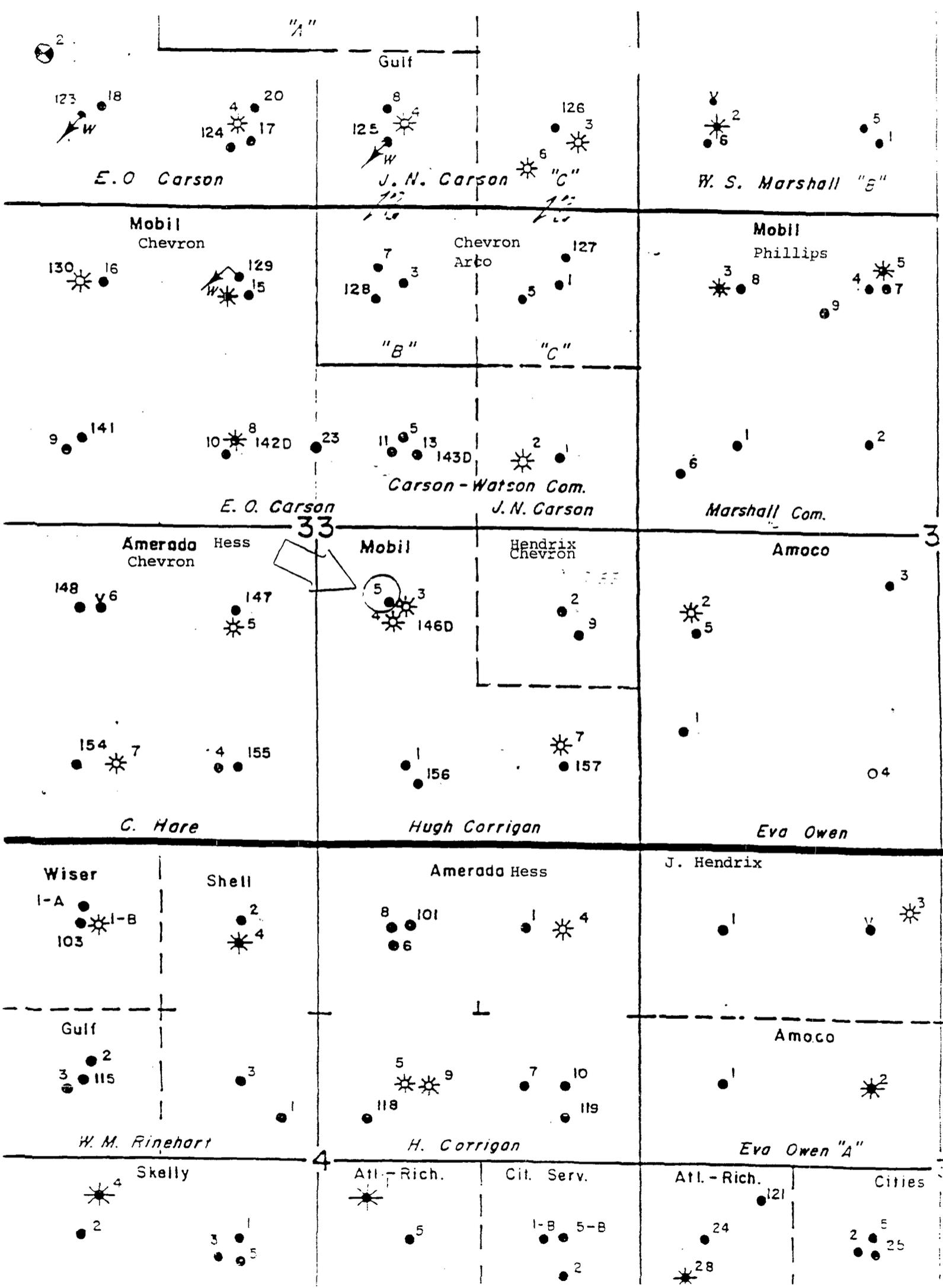
Completion Data :

Type = Hydr1 Frac
 McQuire Model
 1/2 Frac L = 378.0 ft
 Frac Wid = 0.15 in
 Prop Perm = 40000. md



GAS RATE (Mscf/d)

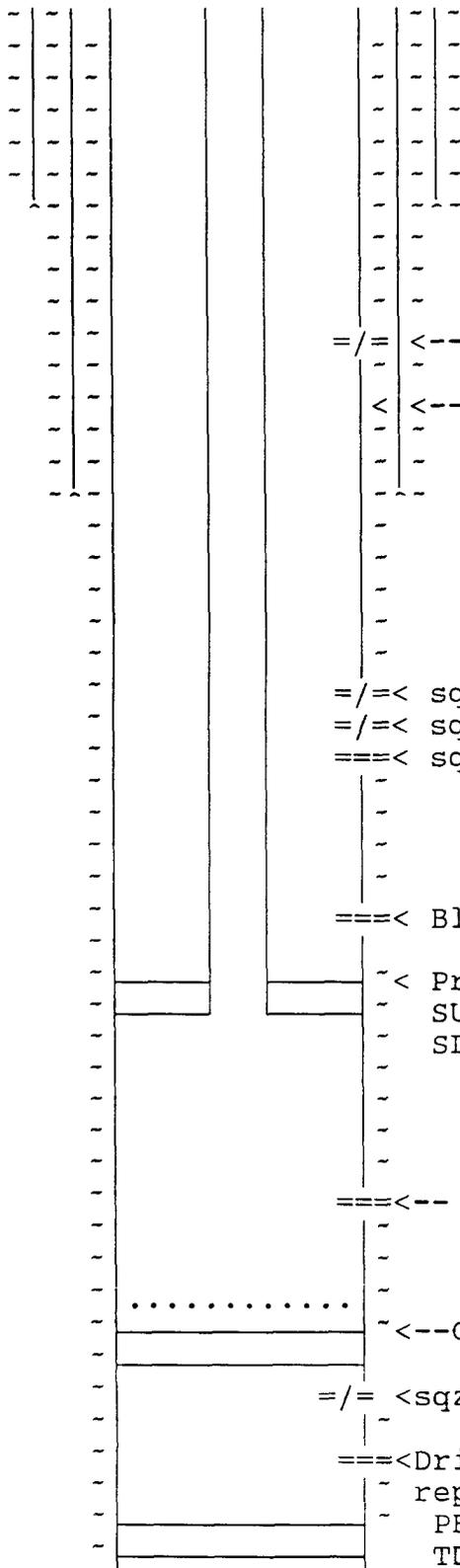
FLOWING BOTTOM-HOLE PRESSURE (psig)



PROPOSED COMPLETION
DUAL COMPLETION

Well : H. CORRIGAN NO.5
Field : EUNICE AREA
Function: PRODUCER

Location: 21S-37E-33
Date : 10/18/93
By : D.B. HEBERT



CONDUCTOR CASING

SIZE : 13-3/8 WT: 48#
SET @: 300' W/: 300 SX

SURFACE CASING

SIZE : 8-5/8" WT: 32#
SET @: 3925' W/: 1000 SX

PRODUCTION CASING

SIZE : 5-1/2" WT: 17#
BOT : 6595' W/: 475 SX

=/= <-- SQZ'D HOLE @ 3150' W/400 SX
tested to 1000#
< <-- BEFORE SQZ CMT Top @ +/-3000'
CALC W/7-3/4" HOLE

PRODUCTION TUBING

SIZE : 2-3/8" WT: @ +/- 5950'

=/= < sqz'd tested to 2000#
=/= < sqz'd tested to 2000#
=== < sqz'd 1500# Paddock Perfs 5250'-5270'

=== < Blinebry perfs 5470'-5916', GR-N 1960

< Production Packer, W/ W/L ENTRY GUIDE,
SUBS, NIPPLE, ON-OFF TOOL, SLIDING
SLEEVE. @ +/- 5950'

=== <-- Tubb perfs 5961'-6195', GR-N 1960

<--CIBP @ 6450' W/ 10' CMT

=/= <sqz'd hole at 6500' w/70 sx cmt

=== < Drinkard perfs 6535'-6575' sqz'd 100sx
reperf 6545'-6575'
PBSD 8457'
TD 8505'

CORRIGAN

FRONTIER ISOTRON

CENTRAL FILES
PERFORATORS, INC.

FIELD
~~LOG~~
PRINT
~~LOG~~

COMPANY *Mobil Oil Company*

WELL *H. CORRIGAN No. 5*

FIELD ~~HARE~~ *Paddock*

COUNTY *LEA* STATE *N.M.*

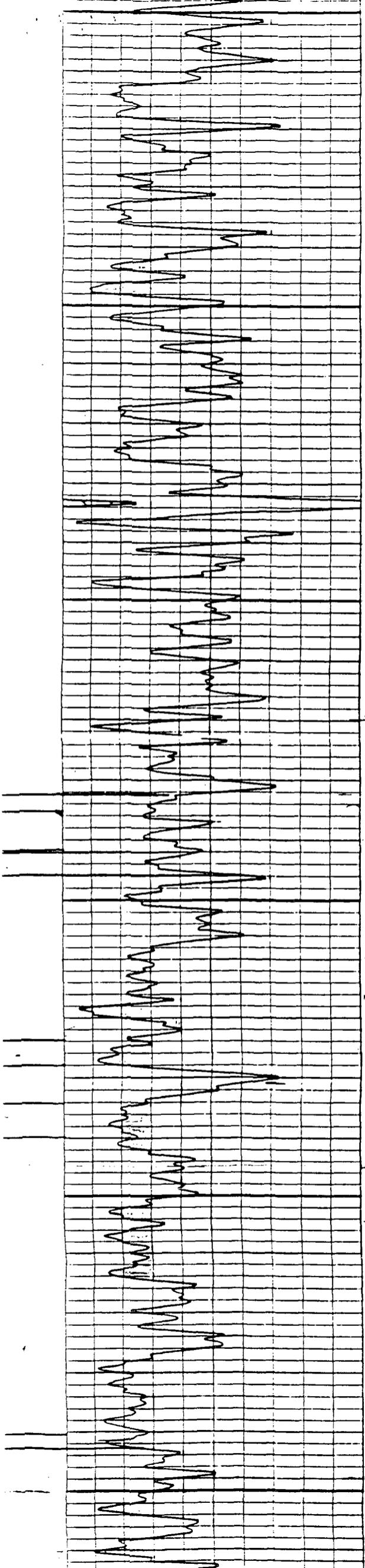
LOCATION ~~660 FNL 535 FNL 04~~ OTHER SERVICES
SE 1/4 180 FSL 4 2105 FEL
SEC. *33* TWP. *21S* RGE. *37E*

3451

Permanent Datum *CSG. Head Flange* Elev. *K.B. 3451*
Log Measured from *12'* ft. above Perm. Datum D.F.
Drilling Measured from G.L.

Date	<i>11-15-60</i>	
Run No.	<i>ONE</i>	
Type Log	<i>ISOTRON</i>	
Depth Driller	<i>6595'</i>	<i>Perfect</i>
Depth Logger	<i>6587'</i>	
Bottom Logged Interval	<i>6586'</i>	
Top Logged Interval	<i>SURF.</i>	
Type Fluid in Hole	<i>oil</i>	
Salinity PPM Cl.		<i>Top</i>
Density Lb. Gal.		
Level	<i>4892'</i>	
Max. Recorded Temp. Deg. F.		
Cor. Rig Time	<i>12 hrs</i>	
Recorded by	<i>DUNKEL & SAMS.</i>	
Witnessed by		

RUN NO.	BGRE HOLE RECORD			CASING RECORD			
	Bit	From	To	Size	Wgt.	From	To
				<i>5 1/2"</i>		<i>SURF</i>	<i>T.D.</i>



5400

LEGAL T.
BLINEBY
5470

5478

5484

5494

5500

5525

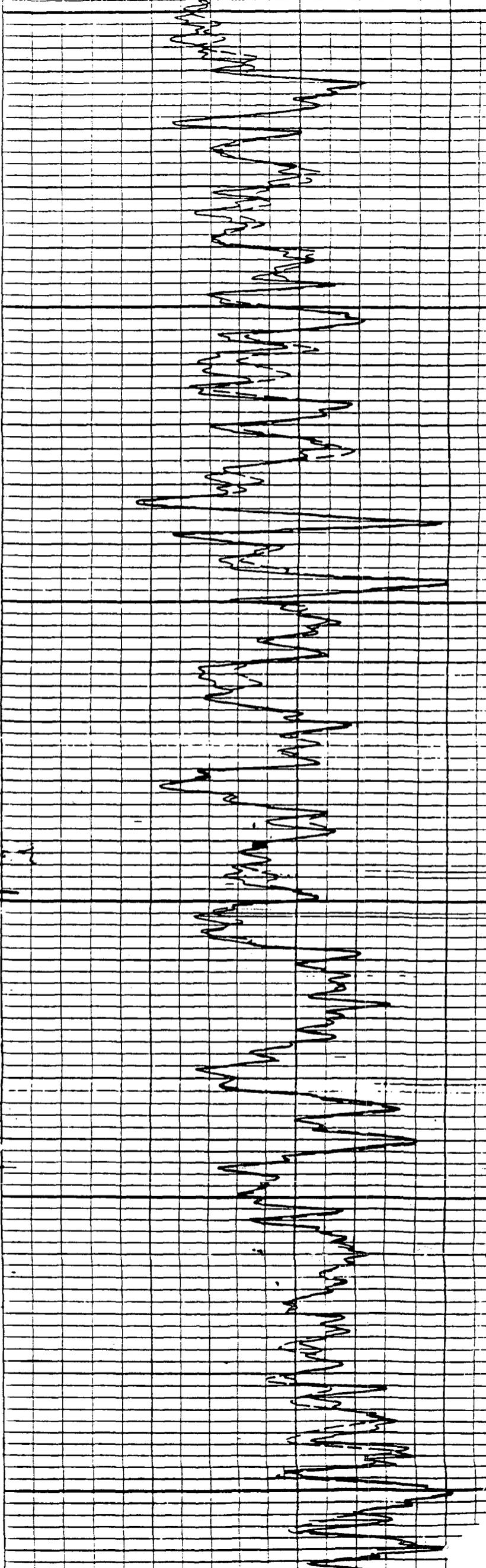
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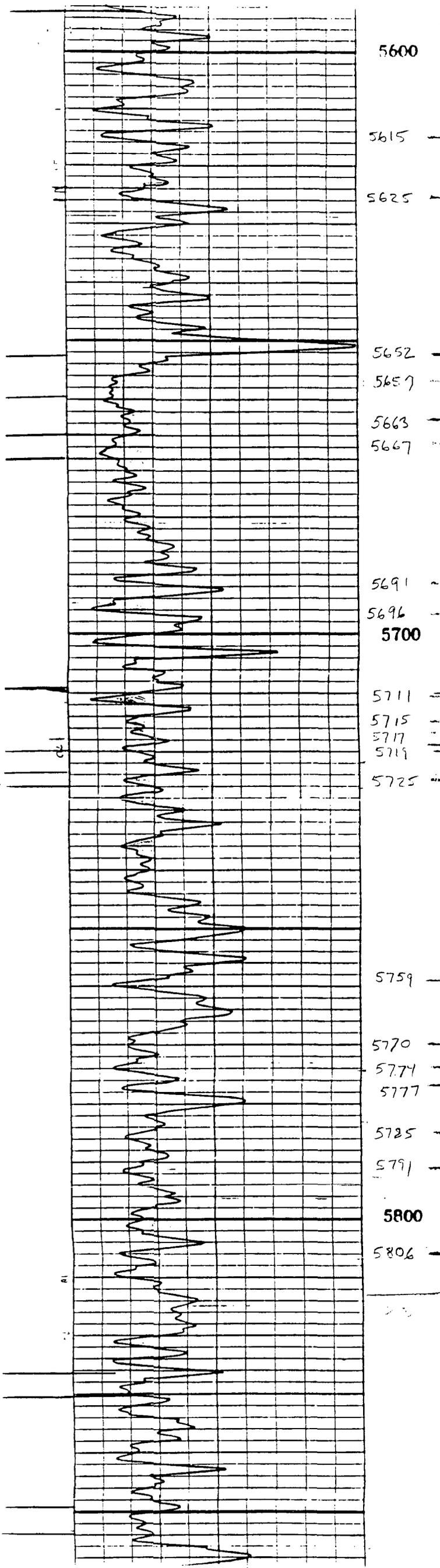
5537

RINEBY
MKR
5545

5581

5600





5600

5615

5625

5652

5657

5663

5667

5691

5696

5700

5711

5715

5717

5719

5725

5759

5770

5774

5777

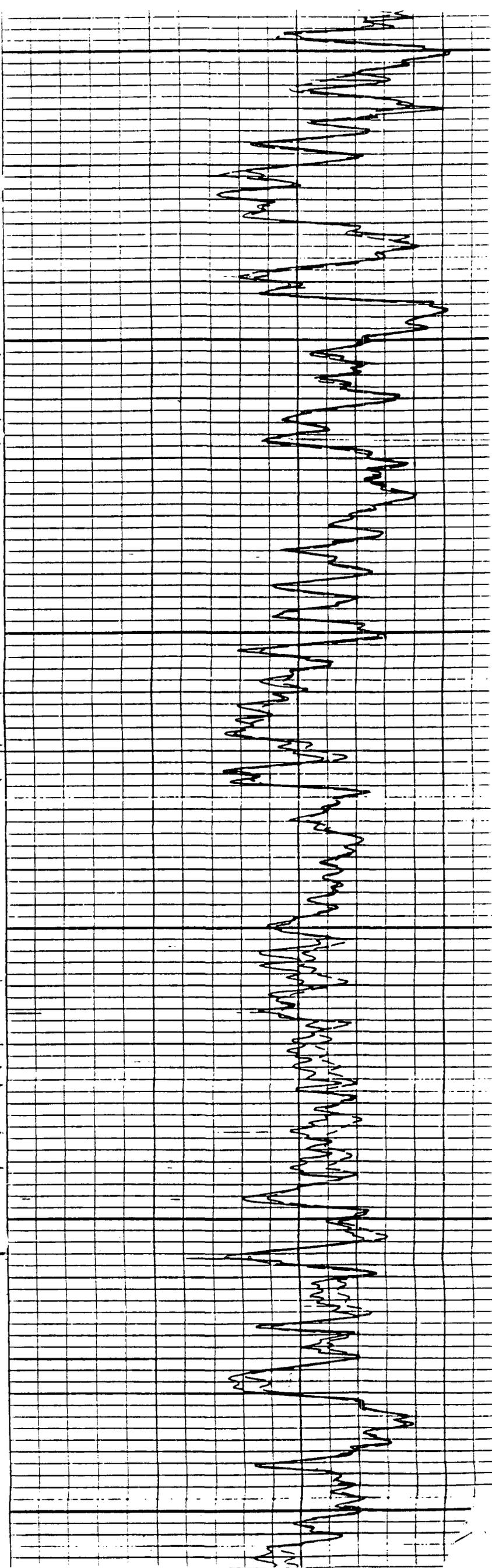
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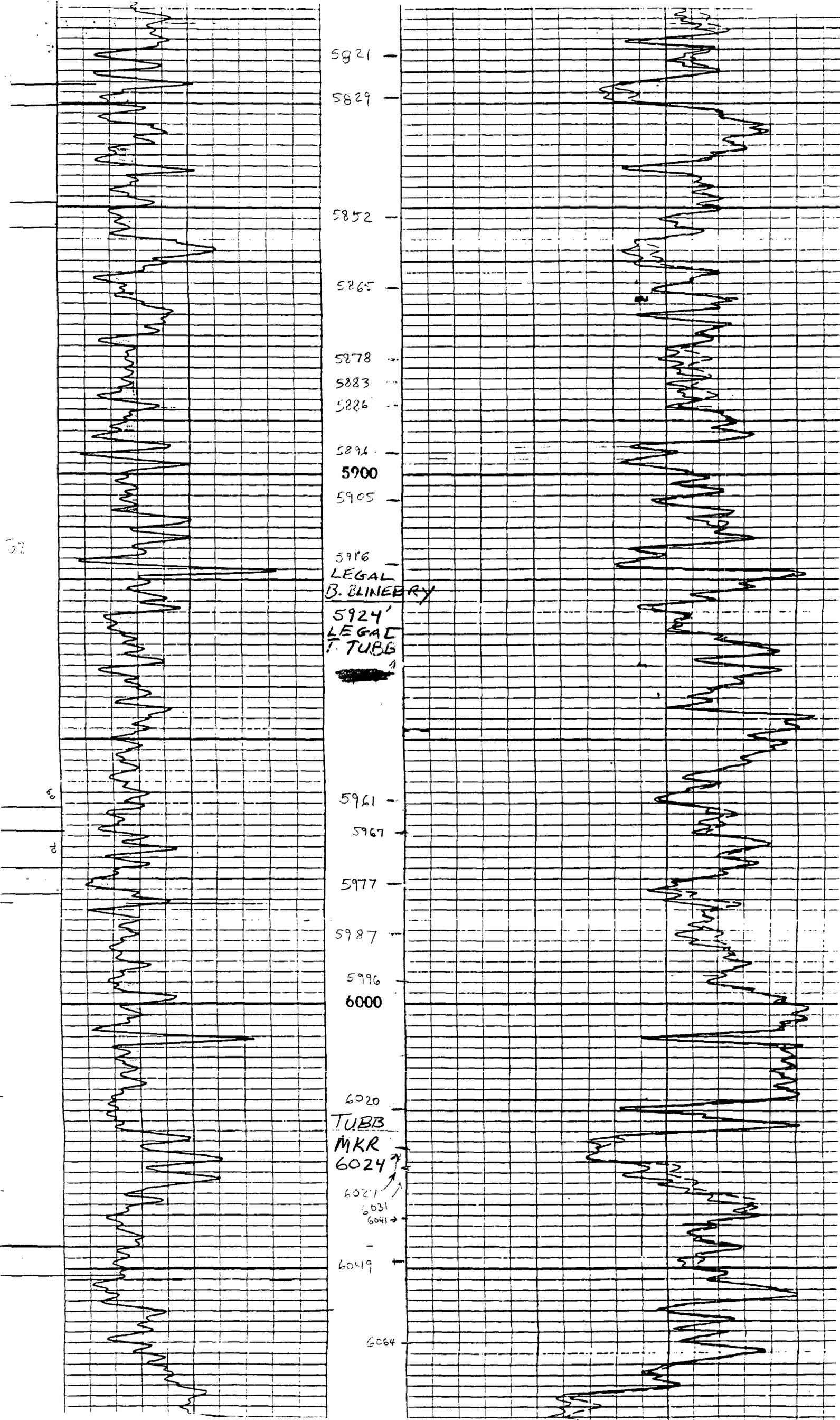
5791

5800

5806

5810





5821

5829

5852

5865

5878

5883

5886

5896

5900

5905

5916

LEGAL
B. BLINERY

5924'
LEGAL
T. TUBB

5961

5967

5977

5987

5996

6000

6020

TUBB
MKR

6024

6021

6031

6041

6049

6064

58

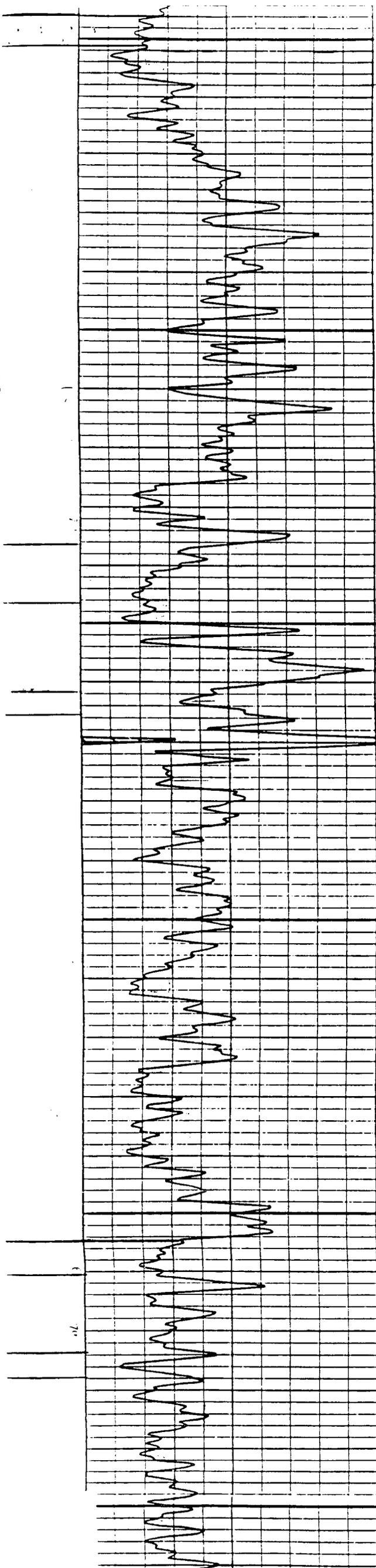
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60

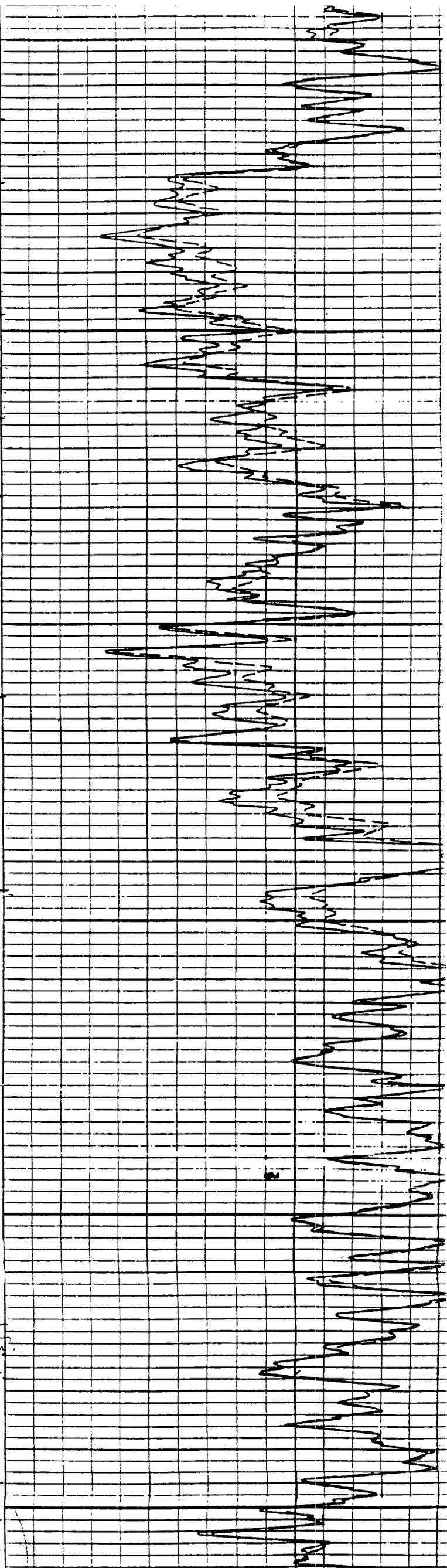
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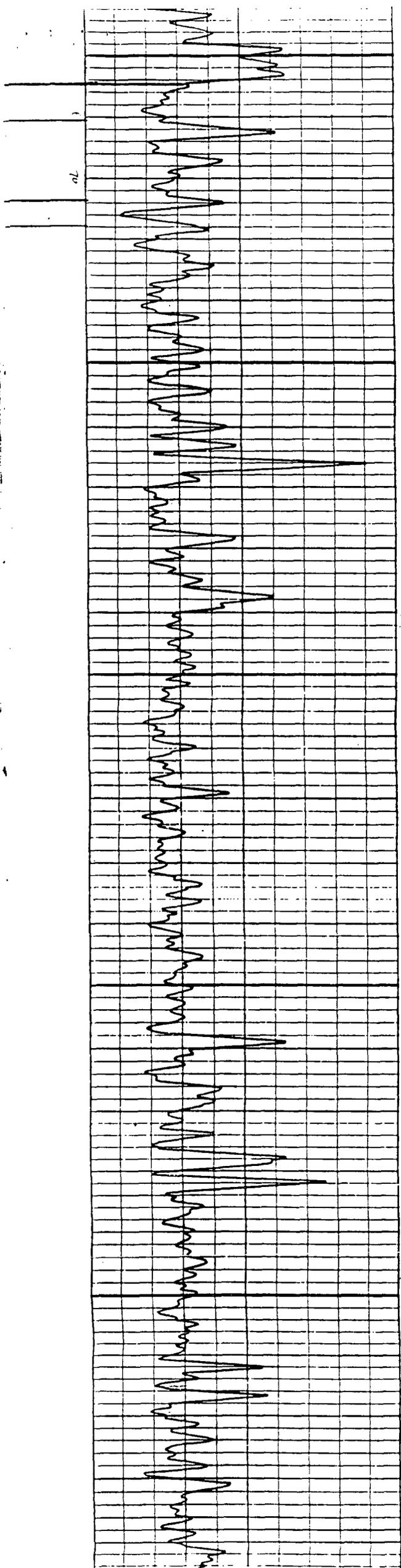
61

62



6064
6075
6097
6100
6115
6128
6141
6143
6146
6164
6170
6195
6200
Carry out water
~~6207~~
6300
6302
6307





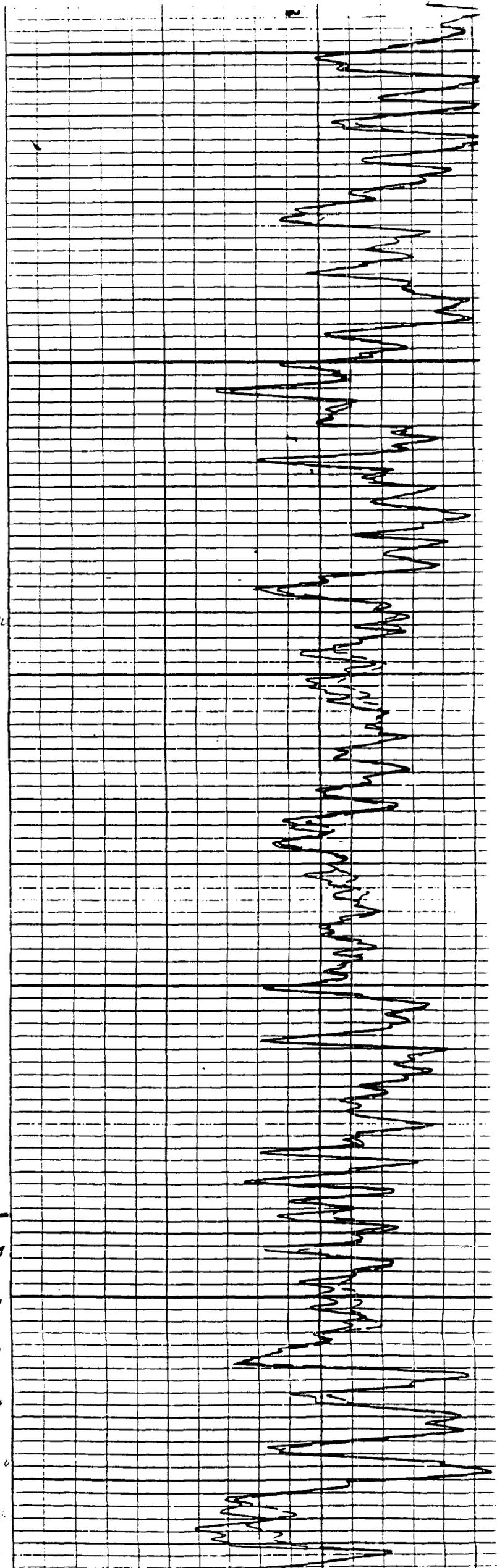
6300

VL

B. T.V.F.
T. DI INK. 2/2

6400

0
0
0
0



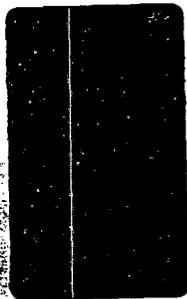
LANE

RADIOACTIVITY LOG

WELLS

COMPANY

Location of Well



Elevation 3451' DF

COMPANY: MAGNOLIA PET. CO.

WELL: HIGH CORRIGAN NO. 5

LOCATION: 2105' FEL 1980' FSL

33-21S-37E

FIELD: EUNICE-DRINKARD

COUNTY OR PARISH: LEA

STATE: NEW MEXICO

DATE: JUNE 6, 1947

COUNTY: LEA
FIELD OR SURVEY: EUNICE-DRINKARD
WELL: HIGH CORRIGAN NO. 5
COMPANY: MAGNOLIA PET. CO.

WELL RECORD

Bottom Depth Company: 6593 ft. S.L.

Maximum Depth Reached: 6583.5 ft.

Surveyed From: 6583.5 ft. to 6000 ft.

Footage Recorded: 583.5 ft.

Well Fluid: MUD

Fluid Level: FULL ft.

CASING RECORD

5 1/2 in., #, from SURFACE to T.D. ft.
in., #, from to ft.
in., #, from to ft.

REMARKS

SCALE: GAMMA RAY CURVE - 274 STANDARD
2.6" DEFLECTION FROM 6583.5 TO 6000
SCALE: NEUTRON CURVE - 275 STANDARD
7.5" DEFLECTION FROM 6583.5 TO 6000
PERMANENT DEPTH REFERENCE: TOP OF DRIVE BUSHING IS 12'
ABOVE GROUND LEVEL.
LOCATED CASING COLLARS AS SHOWN ON LOG.

Depth Measured From: TOP DRIVE BUSHING Ordered By: MR. KIMBLER
Recorded By: EAGLETON Witnessed By: MR. KIMBLER

Depth

RADIOACTIVITY INCREASES

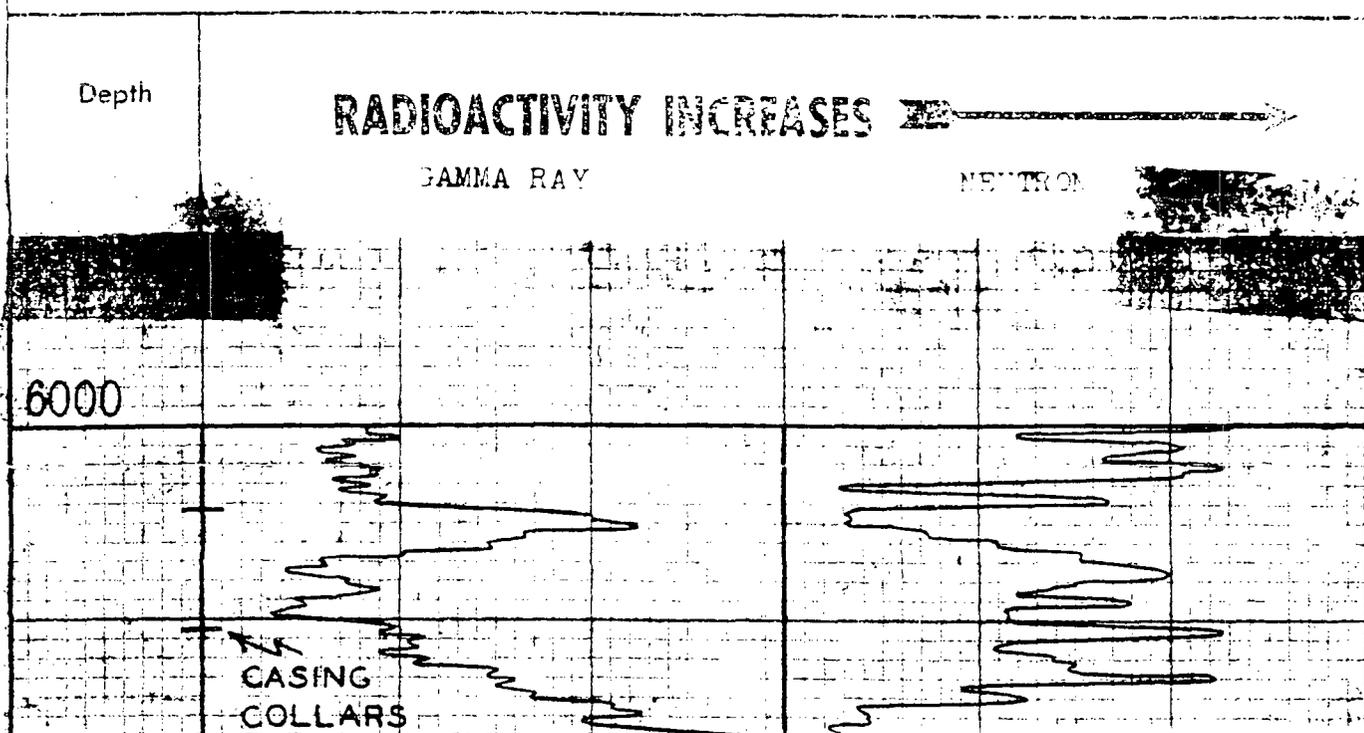


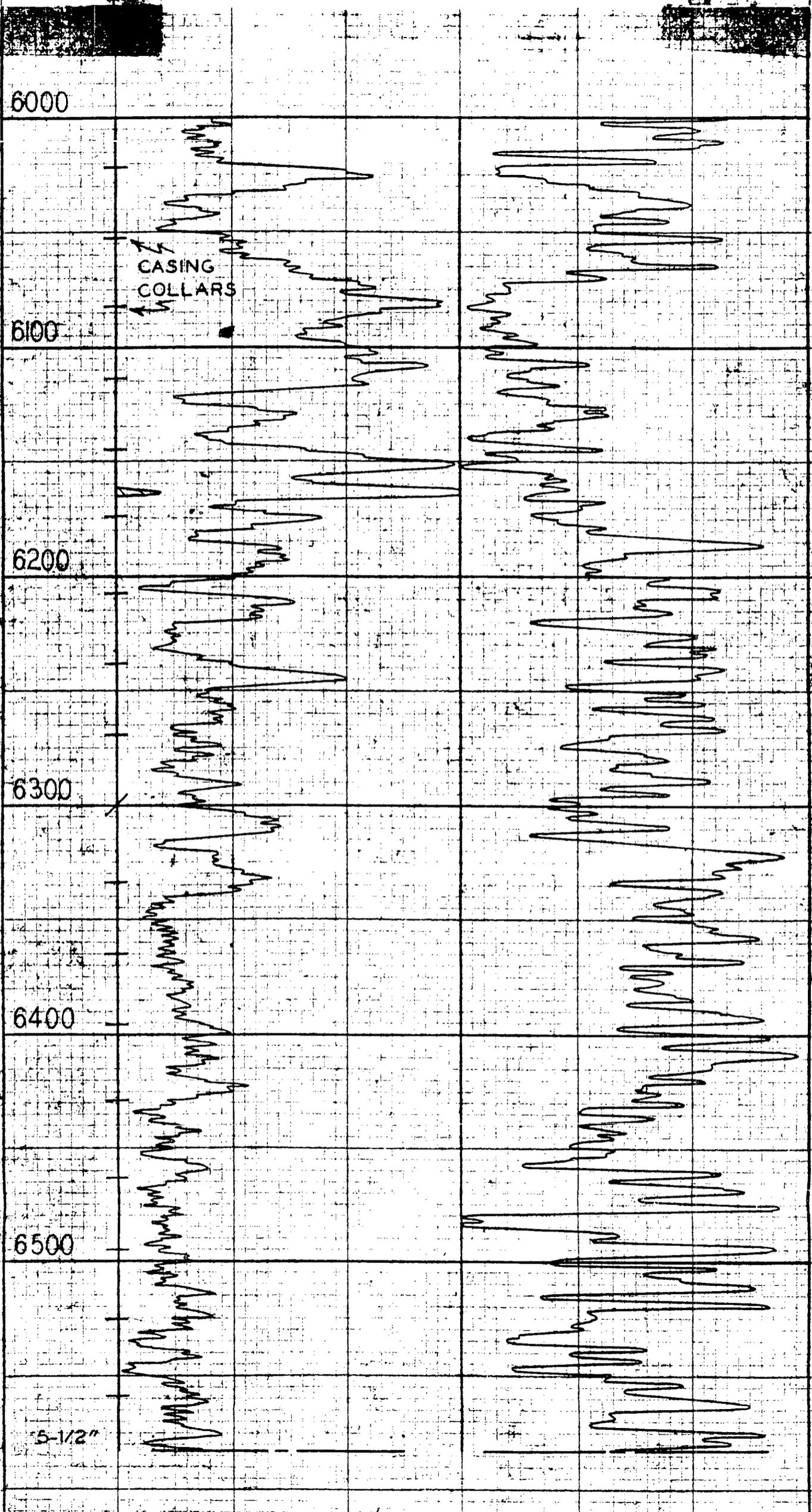
GAMMA RAY

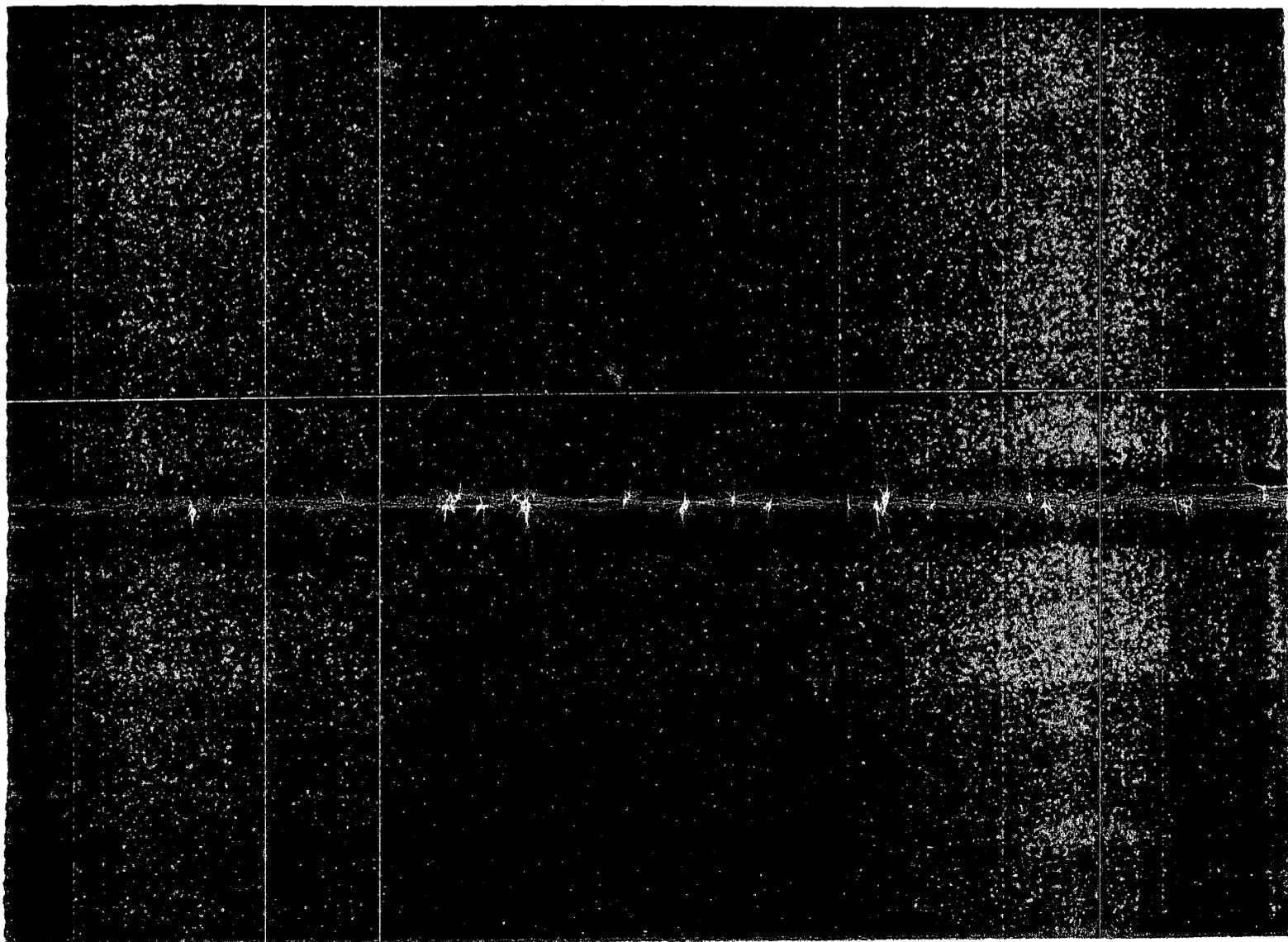
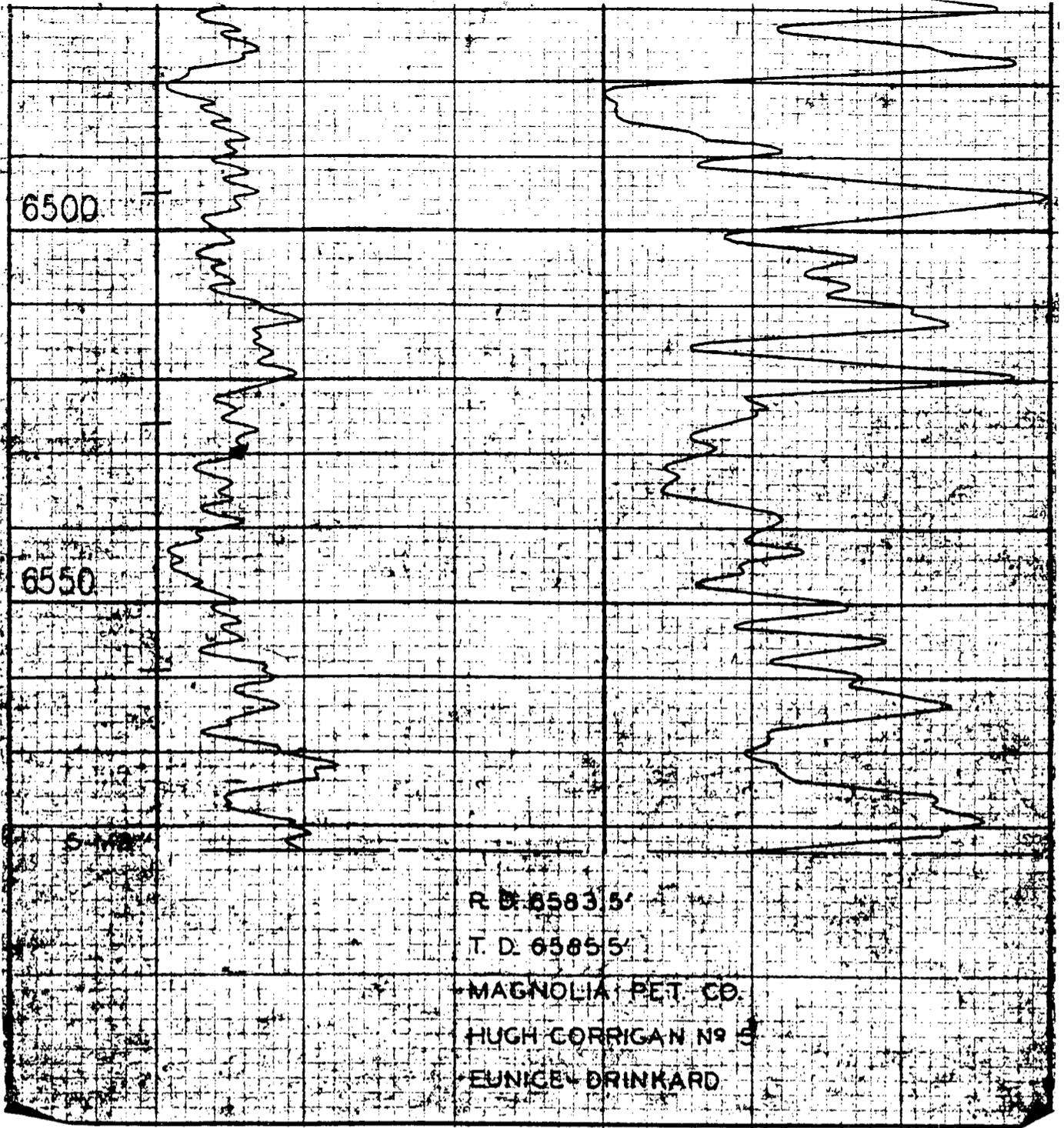
NEUTRON

6000

CASING COLLARS







**CORRIGAN GAS COM, WELL NO. 5
OFFSET OPERATORS**

Amoco Production Co.
P.O. Box 3092
Houston, TX 77253

Shell Oil Co.
P.O. Box 2463
Houston, TX 77252

Chevron USA
P.O. Box 1150
Midland, TX 79702

ARCO Oil and Gas Co.
P.O. Box 1710
Hobbs, NM 88240

Amerada Hess Corp.
1201 Louisiana, Suite 700
Houston, TX 77002

John H. Hendrix Corp.
223 W. Wall, Suite 525
Midland, TX 79701-4519

Phillips Petroleum Co.
4044 Penbrook
Odessa, TX 79762

UN DIVISION
OIL CONSERVATION DIVISION
1994 SEP 14 AM 8 50

Mobil Exploration & Producing U.S. Inc.

September 12, 1994 HOUSTON DIVISION
12450 GREENSPPOINT DRIVE
HOUSTON, TEXAS 77060-1991

State of New Mexico
Oil Conservation Division
State Land Office Bldg.
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: William J. Lemay
Director

MULTIPLE COMPLETION AND
EXCEPTION TO RULE 104 (F)
CORRIGAN GAS COM, WELL NO. 5
BLINEERY & TUBB GAS POOLS
LEA COUNTY, NEW MEXICO

Gentlemen:

Mobil Exploration & Producing U.S. Inc., (MEPUS) as agent for Mobil Producing Texas & New Mexico, Inc. (MPIM) is hereby withdrawing the above referenced application.

Offset operators on the attached list are being notified of this withdrawal by copy of this letter.

Sincerely,



Bobbie R. Brown
Env. & Reg. Tech II

Attachment

cc: Oil Conservation Division - Hobbs
Offset Operators

**CORRIGAN GAS COM, WELL NO. 5
OFFSET OPERATORS**

Amoco Production Co.
P.O. Box 3092
Houston, TX 77253

Shell Oil Co.
P.O. Box 2463
Houston, TX 77252

Chevron USA
P.O. Box 1150
Midland, TX 79702

ARCO Oil and Gas Co.
P.O. Box 1710
Hobbs, NM 88240

Amerada Hess Corp.
1201 Louisiana, Suite 700
Houston, TX 77002

John H. Hendrix Corp.
223 W. Wall, Suite 525
Midland, TX 79701-4519

Phillips Petroleum Co.
4044 Penbrook
Odessa, TX 79762



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

March 8, 1995

Mobil Exploration & Producing U. S. Inc.
12,450 Greenspoint Drive
Houston, Texas 77060-1991

Attention: Patricia B. Swanner

Administrative Order NSP-1720

Dear Ms. Swanner:

Reference is made to your application dated February 10, 1995 to reduce the acreage of the existing 160-acre standard gas spacing and proration unit ("GPU") in the Blinebry Gas Pool comprising the SE/4 of Section 33, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, by omitting the 40 acres comprising the NW/4 SE/4 (Unit J) of said Section 33 from said GPU.

Division Order NSL-3448(SD), dated January 3, 1995, authorized the simultaneous dedication of the 160-acre unit to the Corrigan Gas Com Well No. 7 (API No. 30-025-06994), located at a standard gas well location 760 feet from the South line and 660 feet from the East line (Unit P) of said Section 33 and the Corrigan Gas Com Well No. 5, formerly the H. Corrigan Well No. 5 (API No. 30-025-06992), located at a non-standard gas well location 1980 feet from the South line and 2105 feet from the East line (Unit J) of said Section 33.

It is our understanding that such reduction of acreage is necessary due to the classification of the Corrigan Gas Com Well No. 5 as a Blinebry oil completion.

By authority granted me under the provisions of Rule 2(a)4 of the Special Rules and Regulations for the Blinebry Gas Pool, as promulgated by Division Order No. R-8170, as amended, the following described 120-acre non-standard gas spacing and proration unit is hereby approved:

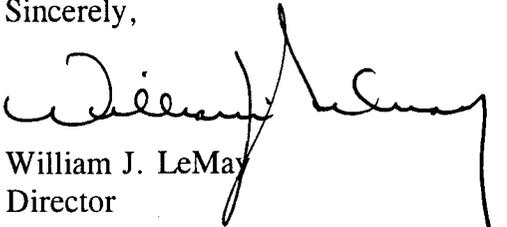
LEA COUNTY, NEW MEXICO
TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 33: NE/4 SE/4 and S/2 SE/4

*Administrative Order NSP-1720
Mobil Exploration & Producing U. S. Inc.
March 8, 1995
Page 2*

Said unit is to be dedicated to the above-described Corrigan Gas Com Well No. 7, with allowable assigned thereto in accordance with Rule 5 of said special pool rules based upon the unit size of 120 acres.

It is further ordered that Division Administrative Order NSL-3448(SD) shall be placed in abeyance until further notice.

Sincerely,



William J. LeMay
Director

WJL/MES/kv

cc: Oil Conservation Division - Hobbs
File: NSL-3448(SD) ✓

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 PO Drawer DD, Artesia, NM 88211-0719
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
 Energy, Minerals and Natural Resources Department
 OIL CONSERVATION DIVISION
OIL CONSERVATION DIVISION
 P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

Form C-1011
 Revised February 10, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

RECEIVED
 SEP 23 AM 8 52

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator name and Address Mobil Exploration & Producing U.S. Inc. As Agent for Mobil Producing TX & NM Inc. 12450 Greenspoint Drive Houston, TX 77060-1991		² OGRID Number 15144
		³ API Number 30-025-06992
⁴ Property Code 8024	⁵ Property Name CORRIGAN GAS COM	⁶ Well Number 5

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	33	21S	37E		1980	SOUTH	2105	EAST	LEA

⁸ Proposed 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

⁹ Proposed Pool 1

¹⁰ Proposed Pool 2

BLINEBRY GAS

¹¹ Work Type Code R/C	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3440'
¹⁶ Multiple NO	¹⁷ Proposed Depth PBSD 6440' / TD 8505	¹⁸ Formations BLINEBRY	¹⁹ Contractor UNKNOWN	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary

Subject well is currently completed in the Paddock (5250-5270). Permission requested to squeeze Paddock perms, perf, acidize, frac and test the Blinebry (5478-5916') and complete as a single completion in the Blinebry with packer set above Blinebry perms.

Well is currently carried as the Hugh Corrigan Well #5, and will now be carried as the Corrigan Gas Com Well #5

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Bobbie R. Brown

Printed name: Bobbie R. Brown

Title: Env. & Reg. Tech II

Date: 09/21/94

Phone:
713/775-2099

OIL CONSERVATION DIVISION

Approved by:

[Signature]

Title:

Geologist

Approval Date: SEP 23 1994

Expiration Date:

Conditions of Approval:

Attached

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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PO Box 2088, Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-06992		2 Pool Code 72480		3 Pool Name BLINEBRY GAS	
4 Property Code 80240		5 Property Name CORRIGAN GAS COM			6 Well Number 5
7 OGRID No. 15144		8 Operator Name Mobil Exploration & Producing U.S. Inc. As Agent for Mobil Producing TX & NM Inc.			9 Elevation 3440'

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
J	33	21S	37E		1980	SOUTH	2105	EAST	LEA

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

12 Dedicated Acres 160	13 Joint or Infill Y	14 Consolidation Code C	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

				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.		
				<i>Bobbie R Brown</i> Signature Bobbie R. Brown Printed Name Env. & Reg. Tech II Title September 21, 1994 Date		
			5	2105'	18 SURVEYOR 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 belief.	
					Date of Survey Signature and Seal of Professional Surveyor: Certificate Number	
			1980'			