



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

3/23/99

GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC	_____
DHC	_____X_____
NSL	_____
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

<u>Collins & Ware Inc</u>	<u>AB Baker</u>	<u>#6-I</u>	<u>10-225-32e</u>
Operator	Lease & Well No.	Unit	S-T-R

and my recommendations are as follows:

Recommend approval.

Yours very truly,

Chris Williams

Chris Williams
Supervisor, District 1

/ed

Collins & Ware, Inc.
508 W. Wall Avenue, Suite, 1200
Midland, Texas 79701-5076
(915)-687-3435

March 17, 1999

New Mexico Energy, Minerals
& Natural Resources department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico

Re: A. B. Baker No.6
Downhill Commingling
Sec.10-T22S-R37E
API No. 30-025-33974

Gentlemen,

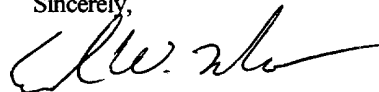
Collins & Ware, Inc. respectfully requests an exception for the A. B. Baker No. 6 to statewide rule 303. This well is currently producing from the Blinebry Oil & Gas (Pro Gas) pool (72480). We would like to commingle this with the Wantz Abo Pool (62700). This well would also have the Wantz Granite Wash (62730) open; however it is tight and non-productive. Collins & ware Inc. was given verbal approval on 2-16-99 from David Catanach to proceed with this operation.

We propose the following production allocation based on past production data:

	<u>GAS</u>	<u>OIL</u>
Blinebry	63%	0%
Abo	37%	100%

Please notify me if you have any questions or recommendations concerning this matter

Sincerely,



Erick W. Nelson

Operations Engineer

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107
Revised 4-1-91

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

OIL CONSERVATION DIVISION
2040 Pacheco St.
Santa Fe, NM 87505

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Operator	Address
COLLINS & WARE, INC.	508 W. WALL, SUITE 1200 MIDLAND, TEXAS 79701

Lease	Well No.	Unit Ltr. - Sec - Twp - Rge	County
A.B. BAKER	6	I-SEC 10 T22S R37E	LEA

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

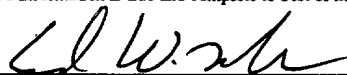
1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	BLINEBRY O&G (PRO GAS) BLINEBRY	WANTZ ABO ABO	WANTZ GRANITE WASH GRANITE WASH
b. Top and Bottom of Pay Section (Perforations)	5042-5502'	6482-7034'	7052-7073'
c. Type of production (Oil or Gas)	GAS	GAS	NON PRODUCTIVE
d. Method of Production (Flowing or Artificial Lift)	FLOWING	FLOWING	NON PRODUCTIVE
e. Daily Production ☒ Actual ☐ Estimated Oil Bbls. Gas MCF Water Bbls.	0 BO 284 MCF 6 BW	1 BO 166 MCF 1 BW	NON PRODUCTIVE

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



Printed Name & Title ERICK W. NELSON

Date 3-10-99 Telephone (915)686-4377

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 proration 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.

EXHIBIT "A" - CASE NO. 11353, ORDER NO. P 10470-A

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

811 South First St., Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

Form C-107-A
New 3-12-96

APPROVAL PROCESS:

☐ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

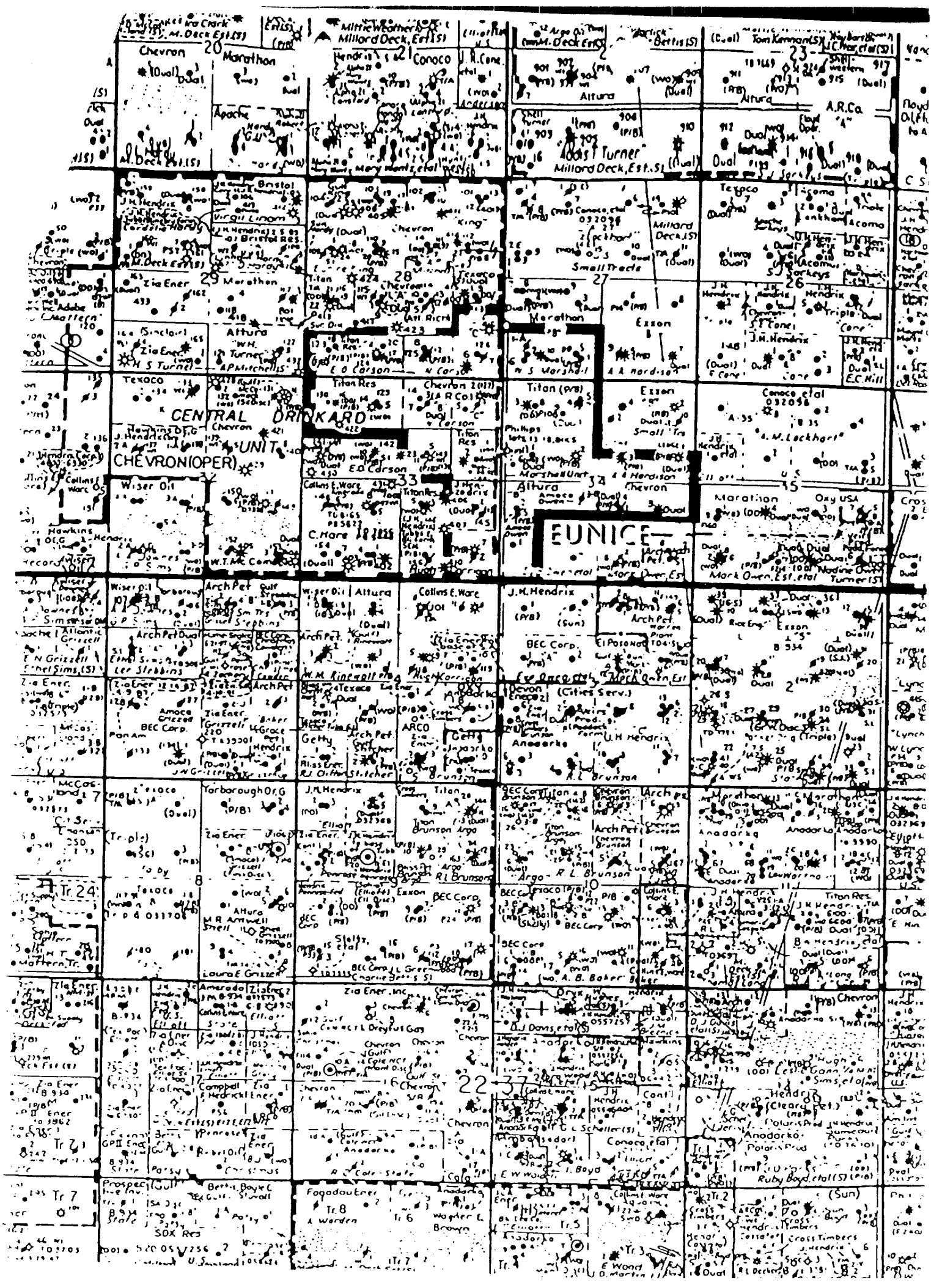
Operator **COLLINS & WARE, INC.** Address **508 W. WALL, SUITE 1200 MIDLAND, TEXAS 79701**
Lease **A.B. BAKER** Well No. **6** Unit Ltr. - Sec - Twp - Rge **I-SEC 10 T22S R37E** County **LEA**
OGRID NO. **004874** Property Code **19149** API NO. **30-025-33794** Spacing Unit Lease Types: (check 1 or more)
Federal ☐ State ☐ (and/or) Fee ☒

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zones	Lower Zone
1. Pool Name and Pool Code	BLINBRY O&G (PROGAS) 72480	WANTZ ABO 62700	WANTZ GRANITE WASH 62730
2. Top and Bottom of Pay Section (Perforations)	5402-5502'	6482-7034'	7052-7073'
3. Type of production (Oil or Gas)	GAS	GAS	NON PRODUCTIVE
4. Method of Production (Flowing or Artificial Lift)	FLOWING	FLOWING	NON PRODUCTIVE
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) N/A b. (Original) 1000#	a. N/A b. 1400#	a. N/A b. 1300#
6. Oil Gravity (°API) or Gas BTU Content			
7. Producing or Shut-In?	PRODUCING	SHUT IN	SHUT IN
Production Marginal? (yes or no)	NO	NO	NON PRODUCTIVE
* If Shut-In, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: Rates: N/A	Date: 4-1-98 Rates: 166 MCF/DAY 1 BO 1 BW	Date: Rates: N/A
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 1-31-99 Rates: 284 MCF/DAY 0 BO 6 BW	Date: Rates:	Date: Rates: N/A
8. Fixed Percentage Allocation Formula - % for each zone	Oil: 0% Gas: 63%	Oil: 100% Gas: 37%	Oil: 0% Gas: 0%

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? ☒ Yes ☐ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ☐ Yes ☐ No
Have all offset operators been given written notice of the proposed downhole commingling? ☐ Yes ☐ No
11. Will cross-flow occur? ☐ Yes ☒ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ☐ Yes ☐ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? ☒ Yes ☐ No
13. Will the value of production be decreased by commingling? ☐ Yes ☒ No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ☒ Yes ☐ No
15. NMOCD Reference Cases for Rule 303(C) Exceptions: ORDER NO(S). _____
16. ATTACHMENTS:
* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
* Production curve for each zone for at least one year. (If not available, attach explanation.)
* For zones with no production history, estimated production rates and supporting data.
* Data to support allocation method or formula.
* Notification list of all offset operators.
* Notification list of working, overriding, and royalty interests for uncommon interest cases.
* Any additional statements, data, or documents required to support commingling.

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

SIGNATURE ERICK W. NELSON TITLE OPERATIONS ENGR DATE 3-10-99
TYPE OR PRINT NAME ERICK W. NELSON TELEPHONE NO. (915) 686-4377



OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-33794	2 Pool Code 62730	3 Pool Name Wantz Granite Wash
4 Property Code 19149	5 Property Name A.B. Baker	6 Well Number 6
7 OCRD No. 004874	8 Operator Name Collins & Ware, Inc.	9 Elevation 3385

¹⁰Surface Location

UL or lot no. 1	Section 10	Township 22 S	Range 37 E	Lot Idn	Feet from the 2135	North/South line South	Feet from the 829	East/West line East	County Lea
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¹¹Bottom 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 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNITL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶			

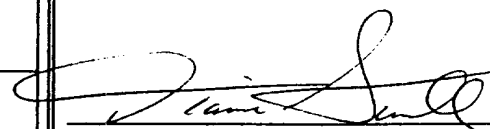
A.B. Baker No. 6
Elev. 3385'

829'

2135'

¹⁷ OPERATOR CERTIFICATION

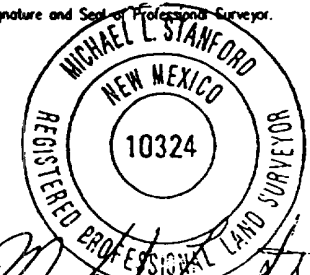
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.


Signature
Dianne Sumrall
Printed Name
Production Supervisor
Title
January 28, 1997
Date

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.

January 27, 1997
Date of Survey
Signature and Seal of Professional Surveyor.


Certificate Number 10324

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 & Natural Resources Department

OIL CONSERVATION DIVISION

PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-33794	2 Pool Code 62700	3 Pool Name Wantz ABO
4 Property Code 19149	5 Property Name A.B. Baker	6 Well Number 6
7 OCRD No. 004874	8 Operator Name Collins & Ware, Inc.	9 Elevation 3385

¹⁰Surface Location

UL or lot no. 1	Section 10	Township 22 S	Range 37 E	Lot Idn	Feet from the 2135	North/South line South	Feet from the 829	East/West line East	County Lea
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¹¹Bottom 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 40	13 Joint or Infill	14 Consolidation Code	15 Order No.						

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

16					A.B. Baker No. 6 Elev. 3385'	829'	2135'
17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>[Signature]</i> Signature Dianne Sumrall Printed Name Production Supervisor Title January 28, 1997 Date 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. January 27, 1997 Date of Survey Signature and Seal of Professional Surveyor Certificate Number 10324							

2.5 Miles SE of Eunice, New Mexico.

File No. A-0969

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brasas Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-33794	2 Pool Code 72480	3 Pool Name Blinebry Oil & Gas (Pro Gas)
4 Property Code	5 Property Name A.B. Baker	6 Well Number 6
7 OGRD No 004874	8 Operator Name Collins & Ware, Inc.	9 Elevation 3385

10 Surface Location

UL or lot no. 1	Section 10	Township 22 S	Range 37 E	Lot 1dn	Feet from the 2135	North/South line South	Feet from the 829	East/West line East	County Lea
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 80	13 Joint or Infill	14 Consolidation Code	15 Order No. NSL-3964 (50)						

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

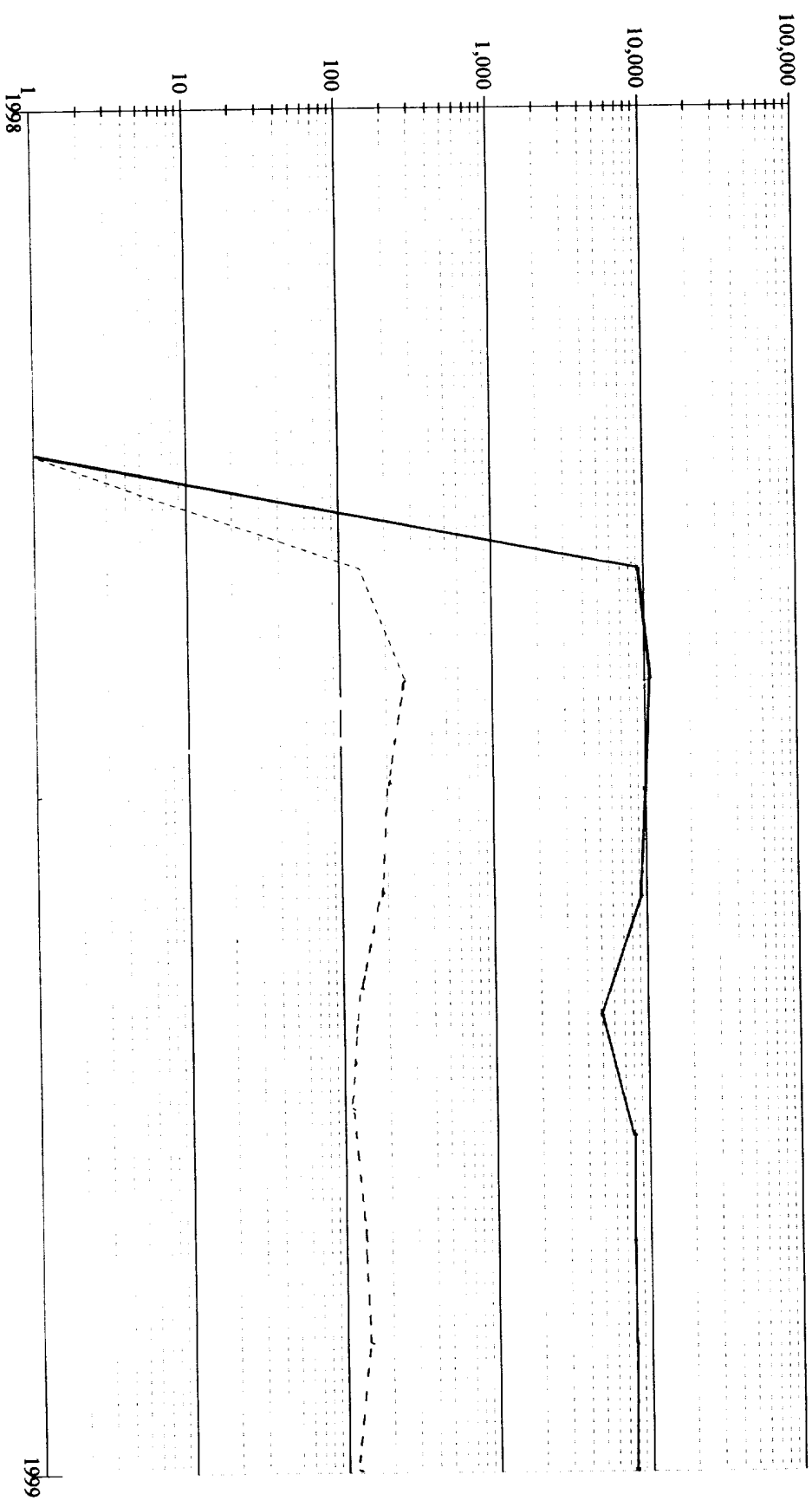
16				
	A.B. Baker No. 6 Elev. 3385'			
				17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i> Signature Dianne Sumrall Printed Name Production Administrator Title April 22, 1998 Date
				18 SURVEYOR CERTIFICATION <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> January 27, 1997 Date of Survey Signature and Seal of Professional Surveyor MICHAEL L. STANFORD NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 10324 Certificate Number 10324

2.5 Miles SE of Eunice, New Mexico.

File No. A-0969

Gas
Water
Wells

Field: BLINEBRY
Lease: A B BAKER | Well #6
Operator: COLLINS & WARE INCORPORATED
Production Rate vs Time
For the Period 01/1998 to 12/1998 | API: 30025337940000



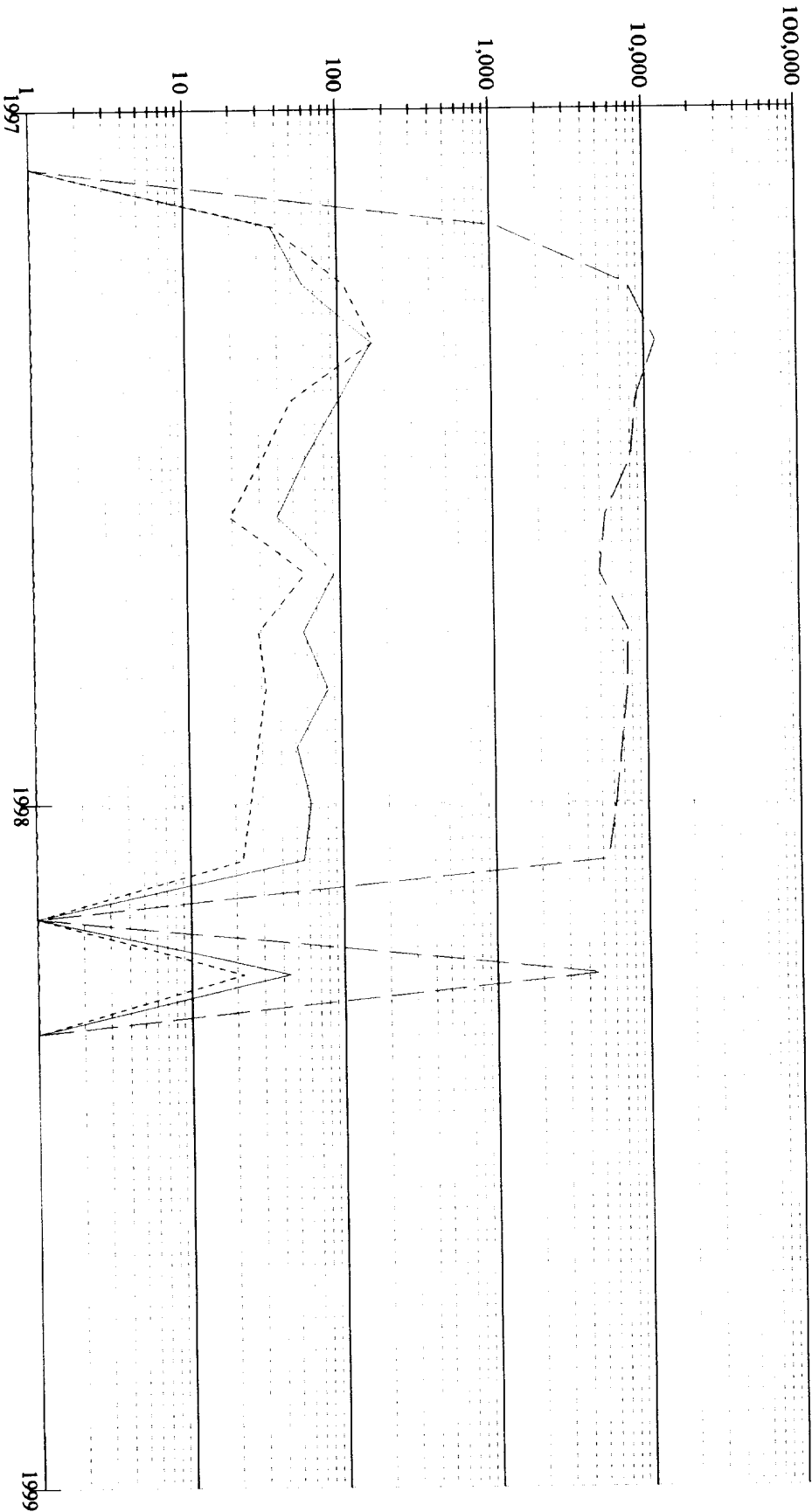
Bbl/Mo or Mcf/Mo

Reported Oil Production = 0 Bbls
Reported Gas Production = 20,096 Mcf
Reported Water Production = 403 Bbls

Time

Oil
Gas
Water
Wells

Field: WANTZ A80
 Lease: A B BAKER | Well #6
 Operator: COLLINS & WARE INCORPORATED
 Production Rate vs Time
 For the Period 01/1997 to 12/1998 | API: 30025337940000



BBI/Mo or Mcf/Mo

Reported Oil Production = 906 Bbls
 Reported Gas Production = 86,323 Mcf
 Reported Water Production = 633 Bbls

Time

A.P.I. Number: 30-025-33794

Well Bore Schematic

Lease: A. B. Baker Well: #6 Field: Eureka
Location: 2135 feet F S L & 829 feet F E L. Section 10 Township 22S Range 37E
Block _____ Survey _____ Lea County, N.M. State

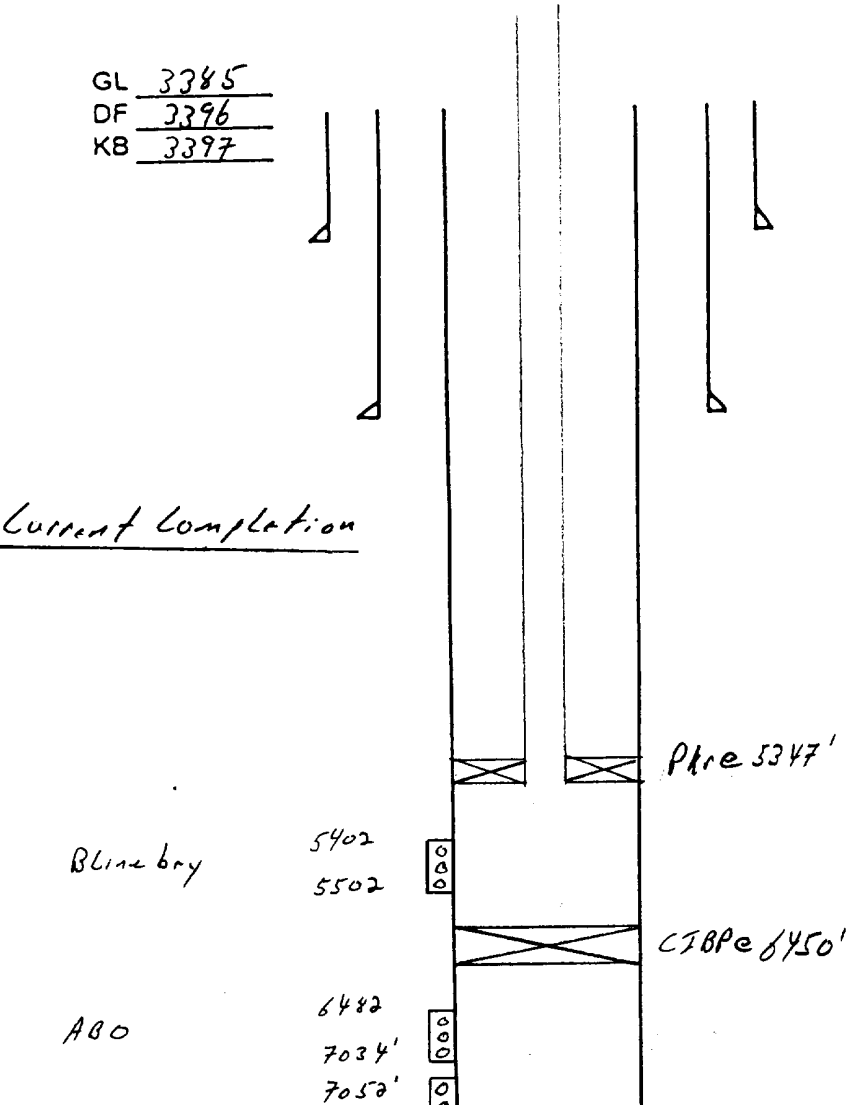
Spud Date: 2-7-97
Completion Date: 4-20-97

Surface Casing

8 5/8" OD, 32 #/ft, grade J-55
Casing Set at 1278
Cmt with 510 sks, Circ 48 sks
Hole Size: 11"

Intermediate Casing

_____ " OD, _____ #/ft, grade _____
Casing Set at _____
Cmt with _____ sks, Circ _____ sks
TOC @ _____ by _____
Hole Size: _____



A.P.I. Number: 30-025-33794

Well Bore Schematic

Lease: A.B. Baker Well: #6 Field: Eureka
Location: 2135 feet F S L & 829 feet F E L. Section 10 Township 22S Range 37E
Block _____ Survey _____ Lea County, N.M. State

Spud Date: 2-7-97
Completion Date: 4-20-97

GL 3385
DF 3396
KB 3397

Surface Casing

8 5/8" OD, 32 #/ft, grade J-55
Casing Set at 1278
Cmt with 510 sks, Circ 48 sks
Hole Size: 11"

Intermediate Casing

_____ " OD, _____ #/ft, grade _____
Casing Set at _____
Cmt with _____ sks, Circ _____ sks
TOC @ _____ by _____
Hole Size: _____"

Proposed Completion

Blind brg 5402
5502

ABO 6482
7034'
7052'
Granite Wash 7073'

Pk 101 5350'

Fo 101 7050'

Current Perforations:

Production Casing

5 1/2" OD, 17" #/ft, grade _____, lhd 8rd
Casing Set @ _____ w/ 860 total sks
in 2 stages with DV tool set @ 4238'
Stage 1 circ? 800 sks TOC @ _____ by _____
Stage 2 circ? 260 sks TOC @ 3516 by CBL
Stage 3 circ? _____ sks TOC @ _____ by _____
Hole Size: 7 7/8"

PBTD: 7174'
TD: 7220'

Date: 2-5-99

COMPANY: Collins & Ware, Inc.

L: A.B. Baker No. 6

D: Wantz

NTY: Lea STATE: New Mexico

Schlumberger

PLATFORM EXPRESS
Compensated Neutron Log
Three Detector Density / NGT

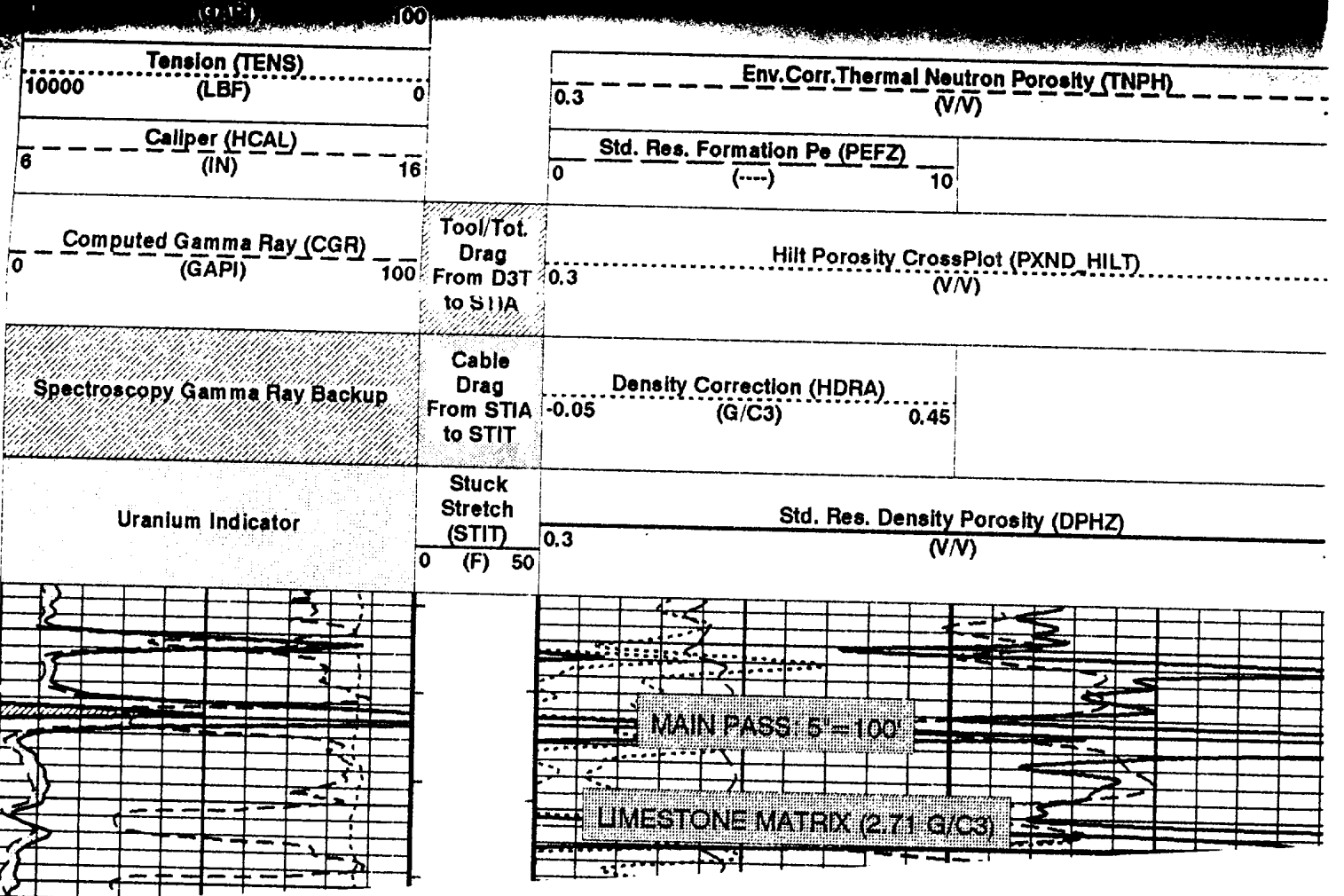
Well: A.B. Baker No. 6
Company: Collins & Ware, Inc.

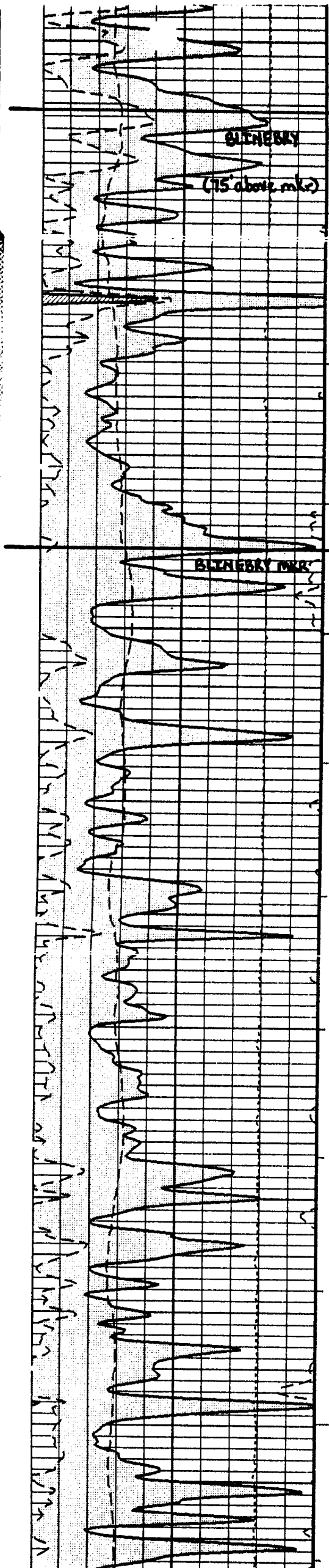
LOCATION

2135' FSL & 829' FEL
Section 10, Township 22S, Range 37E
Elev.: K.B. 3397 F
G.L. 3385 F
D.F. 3396 F
Permanent Datum: Ground Level
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing
Elev.: 3385 F
12.0 F above Perm. Datum

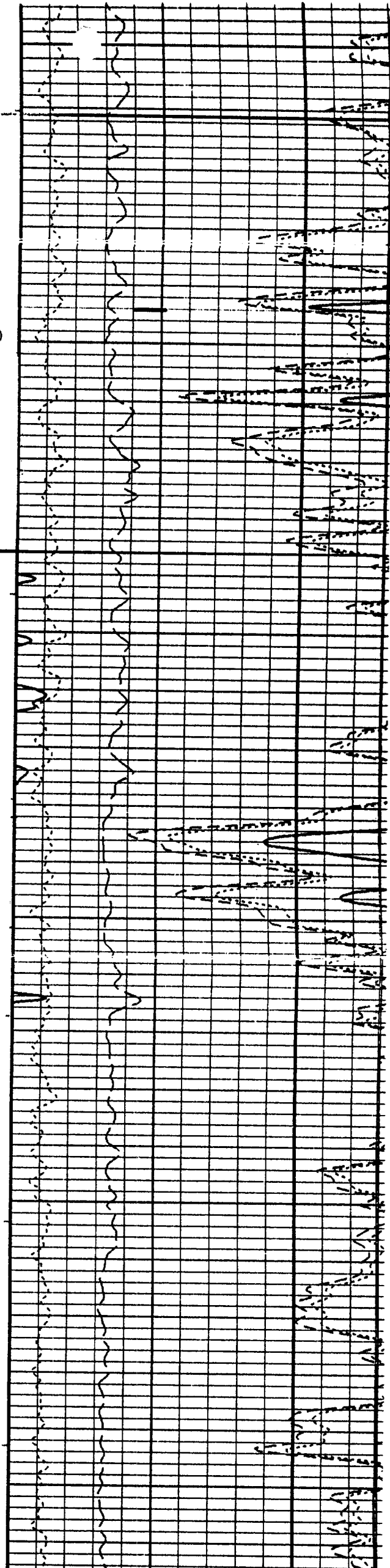
API Serial No. N/A SECTION 10 TOWNSHIP 22S RANGE 37E

Date	21-FEB-1997
Well	1
Filter	7220 F
Filter Depth	7222 F
Log Interval	7204 F
Interval	200 F
Time @ Depth	8.625 IN @ 1271 F
Time	1270 F @
Time	7.875 IN @
Time	Salt Gel
Time	10.2 LB/G 38 S
Time	PH 9
Time	Circulation Tank
Time	0.117 OHMM @ 73 DEGF
Time	0.008 OHMM @ 73 DEGF
Time	Measured @ N/A
Time	0.084 @ 105 0.006 @ 105
Time	105 DEGF
Time	21-FEB-1997 4:00
Time	21-FEB-1997 11:30
Time	3031 Hobbs, NM
Time	David A. Porco
Time	Mr. Jim Hamilton

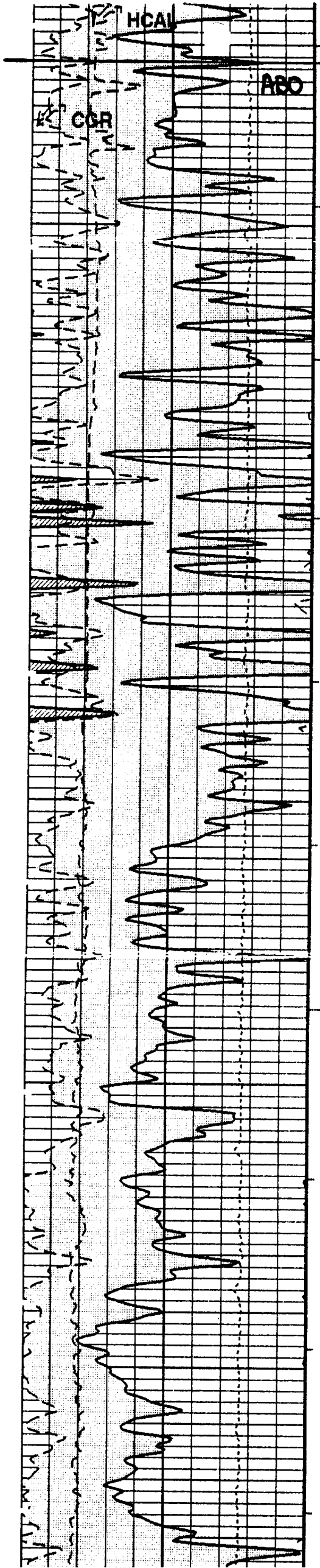




5400



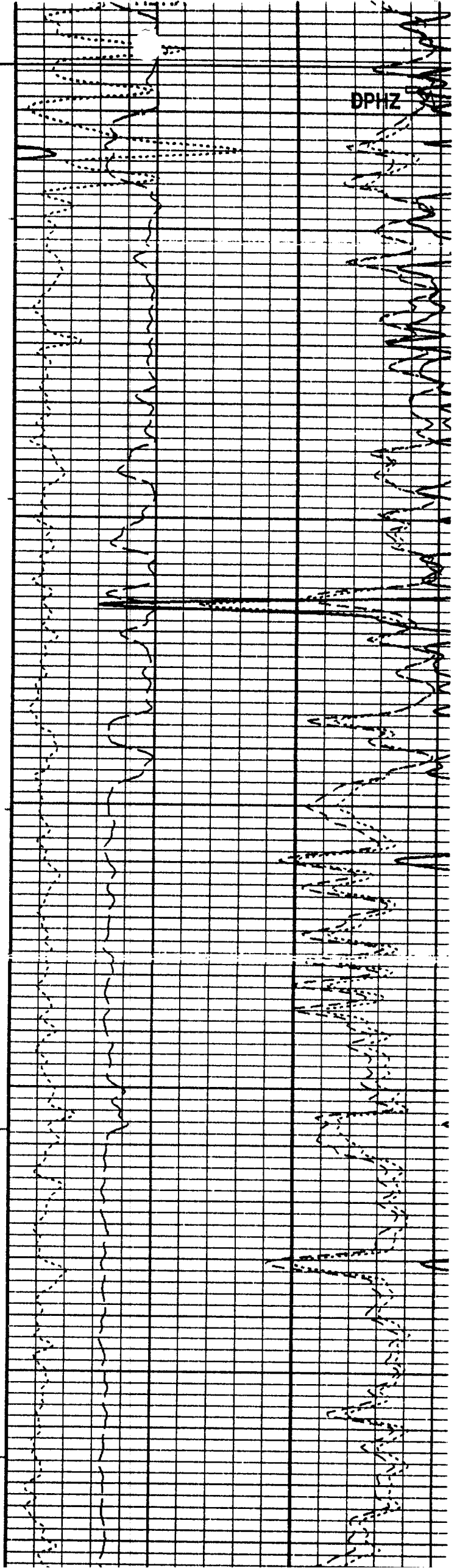
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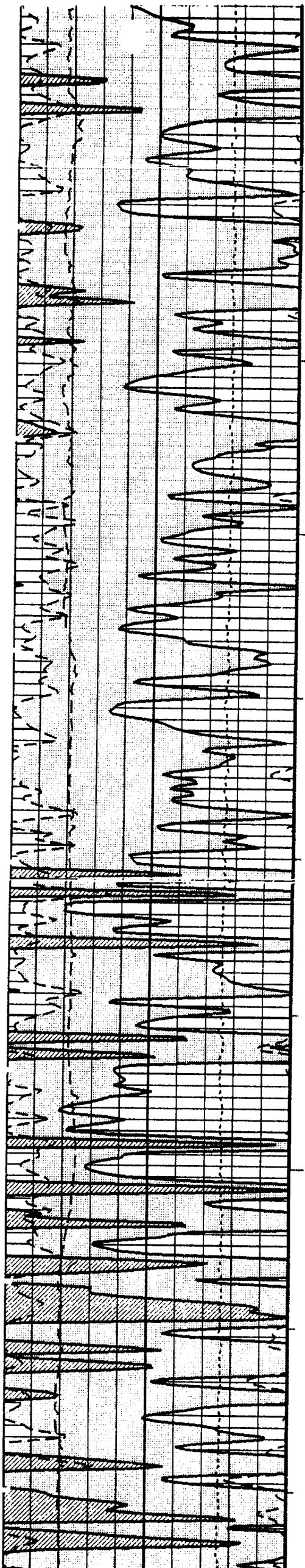


6500

6600

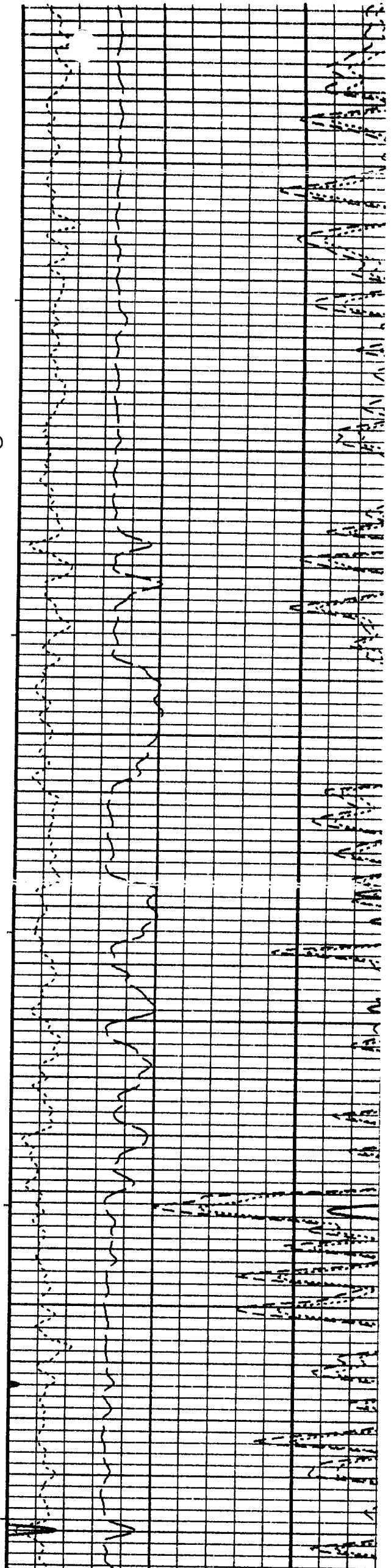
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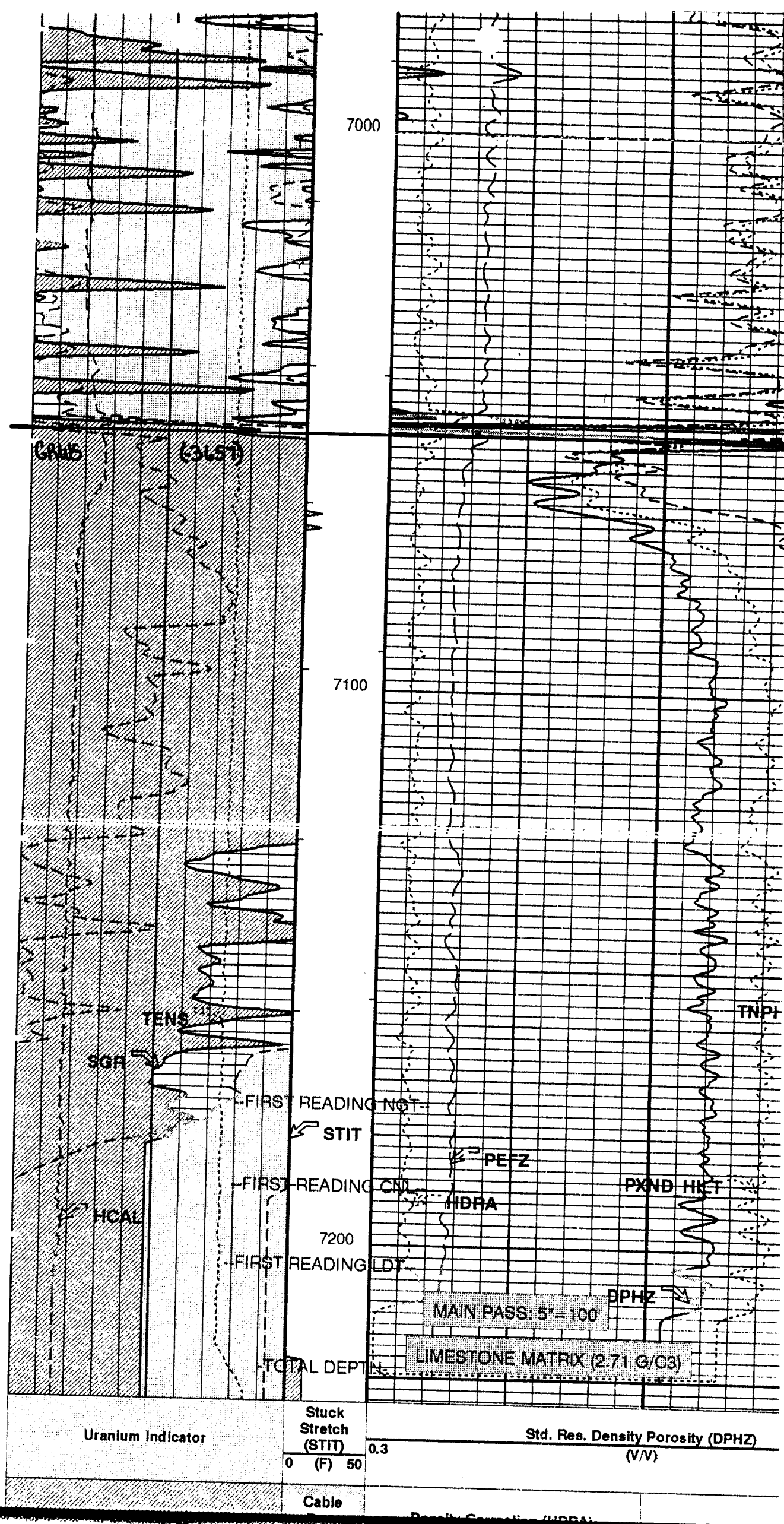




6800

6900





List of Offset Operators

Chevron USA Production Company
15 Smith Road
Midland, TX 79702

John Hendrix Corporation
110 N. Marienfeld, Ste 400
Midland, TX 79701

Arch Petroleum
777 Taylor St. Ste II-A
Fort Worth, TX. 76102

Southwest Royalties
407 N. Big Spring, Ste 300
Midland, TX. 79702

Texaco, Inc.
500 N. Loraine
Midland, TX79702

Anadarko Petroleum
400 West Illinois, Ste 1300
Midland, TX 79702

Exxon Corporation
396 W. Greens Road
Houston, TX 77067

Marathon Oil Company
125 W. Missouri
Midland, TX. 79702