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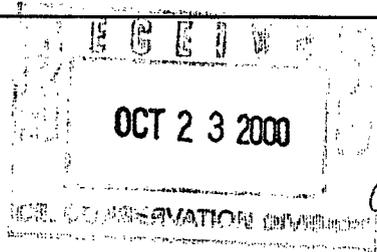
DHC

11/13/00

THUNDERBOLT PETROLEUM

P.O. BOX 10523 MIDLAND, TX 79702 PHONE (915) 682-1251

October 20, 2000



To Whom it May Concern:

Please find enclosed a Form C-107A to co-mingle the Yates formation with the Grayburg formation in our Calmon #2 well located in 16L-18S-29E, Eddy County. I am sending two copies of this data to the Artesia field office and two copies to the Santa Fe office.

There is not a historical production curve for the Yates zone because we have just completed it. I have made an estimate of the future rates based on two offset Yates wells. Those curves are also included in this package.

As soon as I receive permission to co-mingle these zones I expect to pull the plug separating them. Thank you for your assistance in this matter.

Sincerely,

Robert Lee

District I
1635 N. French Drive, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

District II
811 South First Street, Artesia, NM 88210

OIL CONSERVATION DIVISION

APPLICATION TYPE

District III
1000 Rio Brazos Road, Aztec, NM 87410

2040 South Pacheco
Santa Fe, New Mexico 87505

Single Well

District IV
2040 South Pacheco, Santa Fe, NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

Establish Pre-Approved Pools

EXISTING WELLBORE

Yes No

Thunderbolt Petroleum P.O. Box 10523 Midland, TX, 79702

Operator Calmon #2 L-16-18S-29E Eddy
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 160017 Property Code 023593 API No. 30-015-25693 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Und Travis - Yates		Loco Hills @ SA
Pool Code	86420 ✓		39520 ✓
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1059-1115		2228-2558
Method of Production (Flowing or Artificial Lift)	Pumping		Pumping
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)			
Oil Gravity or Gas BTU (Degree API or Gas BTU)	665 BTU -		38°
Producing, Shut-In or New Zone	New Zone		Producing
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: 10/06 Rates: 030 75MCP 5BW	Date: Rates:	Date: 9/00 Rates: 130 PD OBW 3MCFPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 0% Gas 96%	Oil % Gas %	Oil 100% Gas 4%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No

Are all produced fluids from all commingled zones compatible with each other? Yes No

Will commingling decrease the value of production? Yes No

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes No

NMOCD Reference Case No. applicable to this well: _____

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.

District I
 PO Box 1900, Hobbs, NM 88241-1900
 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
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-15-25693		* Pool Code 86420		* Pool Name Travilla	
* Property Code 023593		* Property Name Calmon #2			* Well Number 2
* OGRID No. 160017		* Operator Name Thunderbolt Petroleum			* Elevation

¹⁰ Surface Location

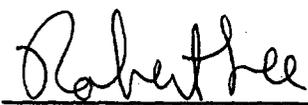
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
L	16	18 ^S	29 ^E		1650	South	330	West	Eddy.

¹¹ Bottom Hole Location If Different From Surface

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

¹² Ducts	¹³ Acres	¹⁴ Joint or Infill	¹⁵ Consolidation Code	¹⁶ Order No.
40		N		

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					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Robert Lee Printed Name President Title 10/10/00 Date
330 → 0 ↑ 1650					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

Dwights

Lease: CAL-MON (2)

10/20/00

Retrieval Code: 150,015,18S29E16LM1QS



Oil (bbl/mo)

—

County: EDDY, NM

F.P. Date: 02/87

Gas (mcf/mo)

—

Water (bbl/mo)

- - -

Field: LOCO HILLS (QUEEN GRAYBURG SA) QSOil Cum: 27.96 mbbl

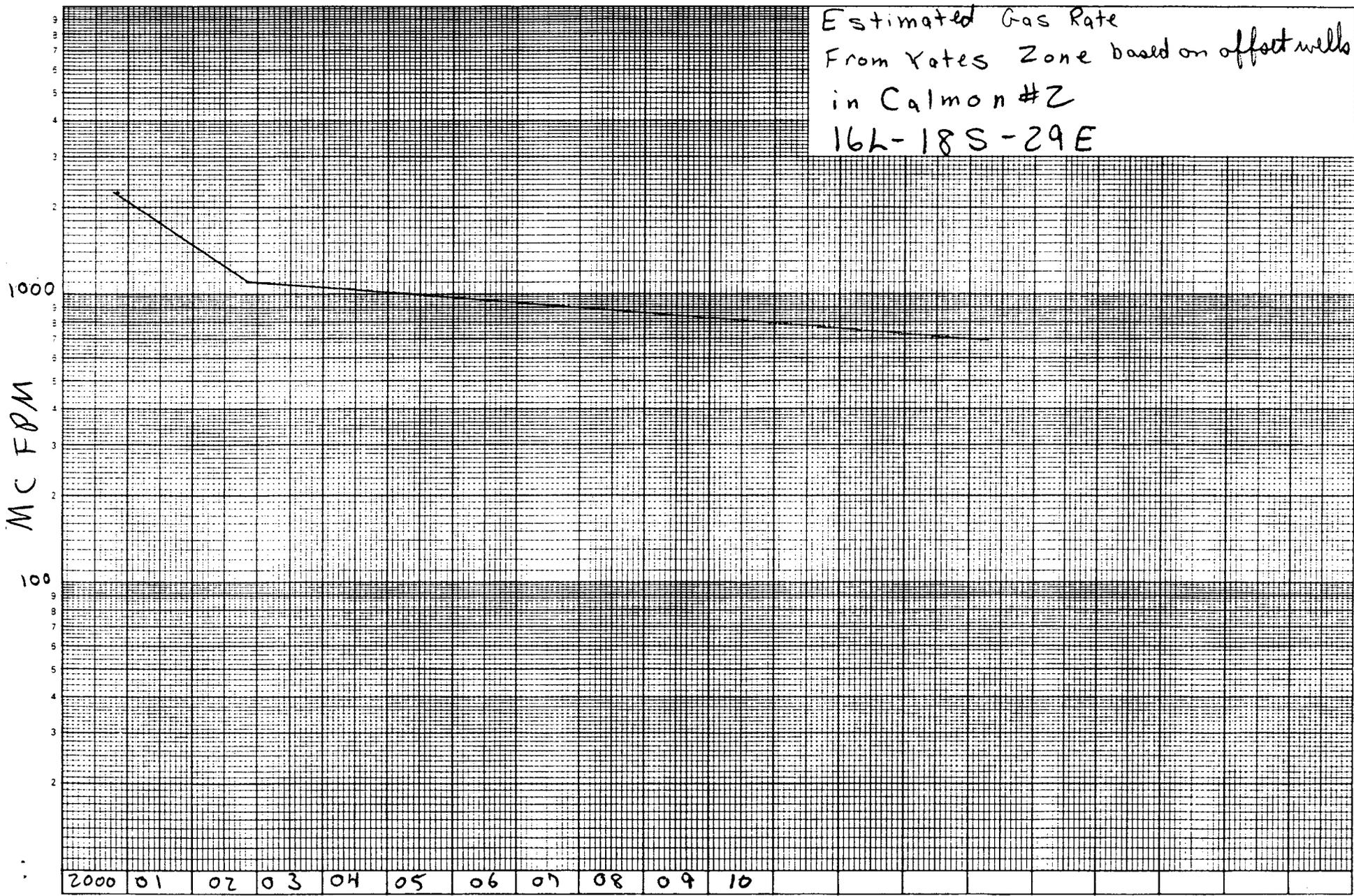
Reservoir: QUEEN GRAYBURG SA

Gas Cum: 48.35 mmcf

Operator: THUNDERBOLT PETR CO LLC

Location: 16L 18S 29E

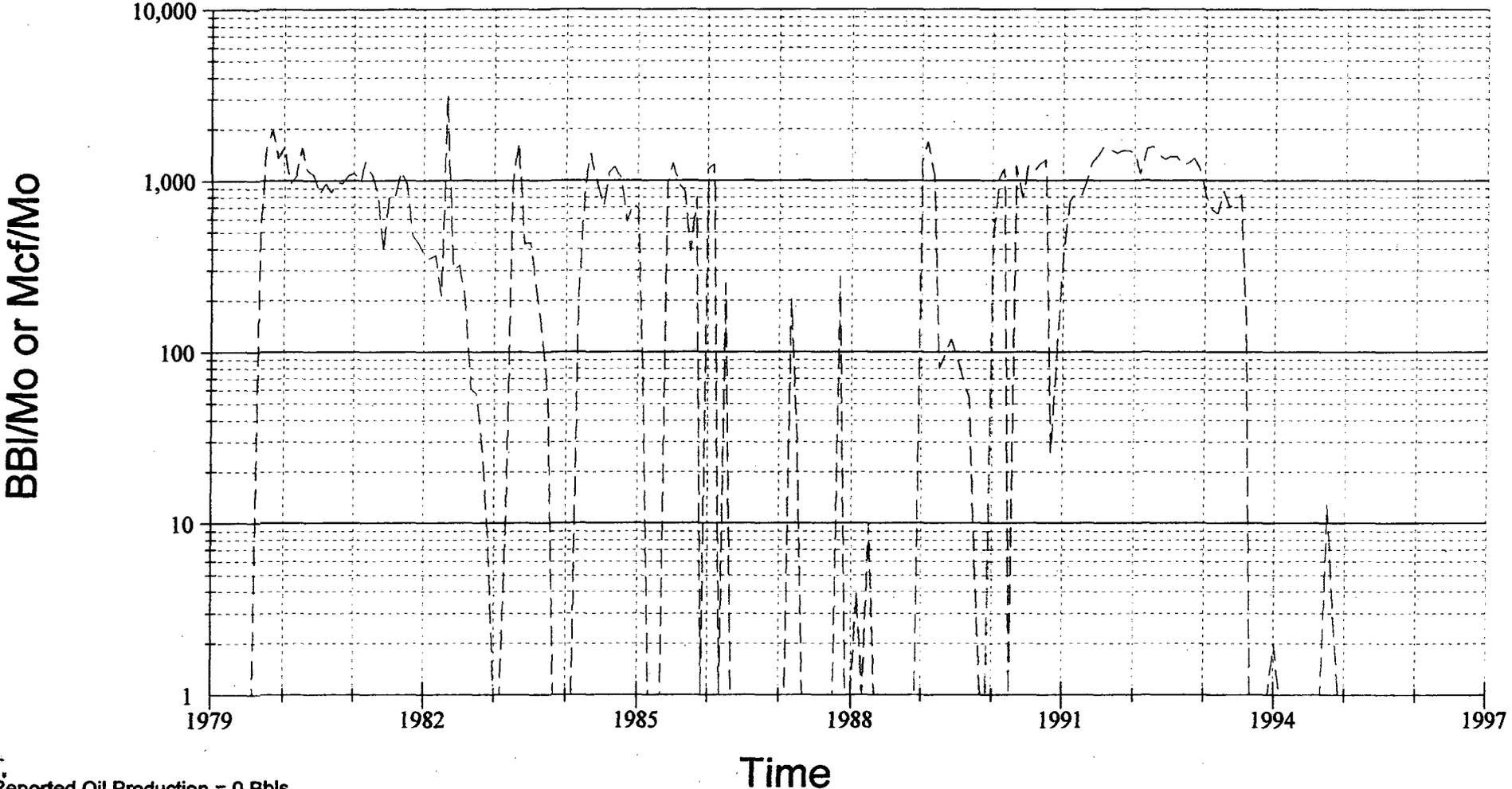
Estimated Gas Rate
From Yates Zone based on offset wells
in Calmon #2
16L-18S-29E



$P_{em} = \frac{(1300-200)12}{\ln 9}$
 $= 125$
 Cum = 103
 (228)

——— Oil
 - - - Gas
 ····· Water
 - - - Wells

Field: TRAVIS
Lease: DEPCO FEDERAL | Well #1
Operator: YATES HARVEY E COMPANY
 Production Rate vs Time
 For the Period 01/1979 to 12/1996 | API: 30015227510000



Reported Oil Production = 0 Bbls
 Reported Gas Production = 103,425 Mcf
 Reported Water Production = 0 Bbls

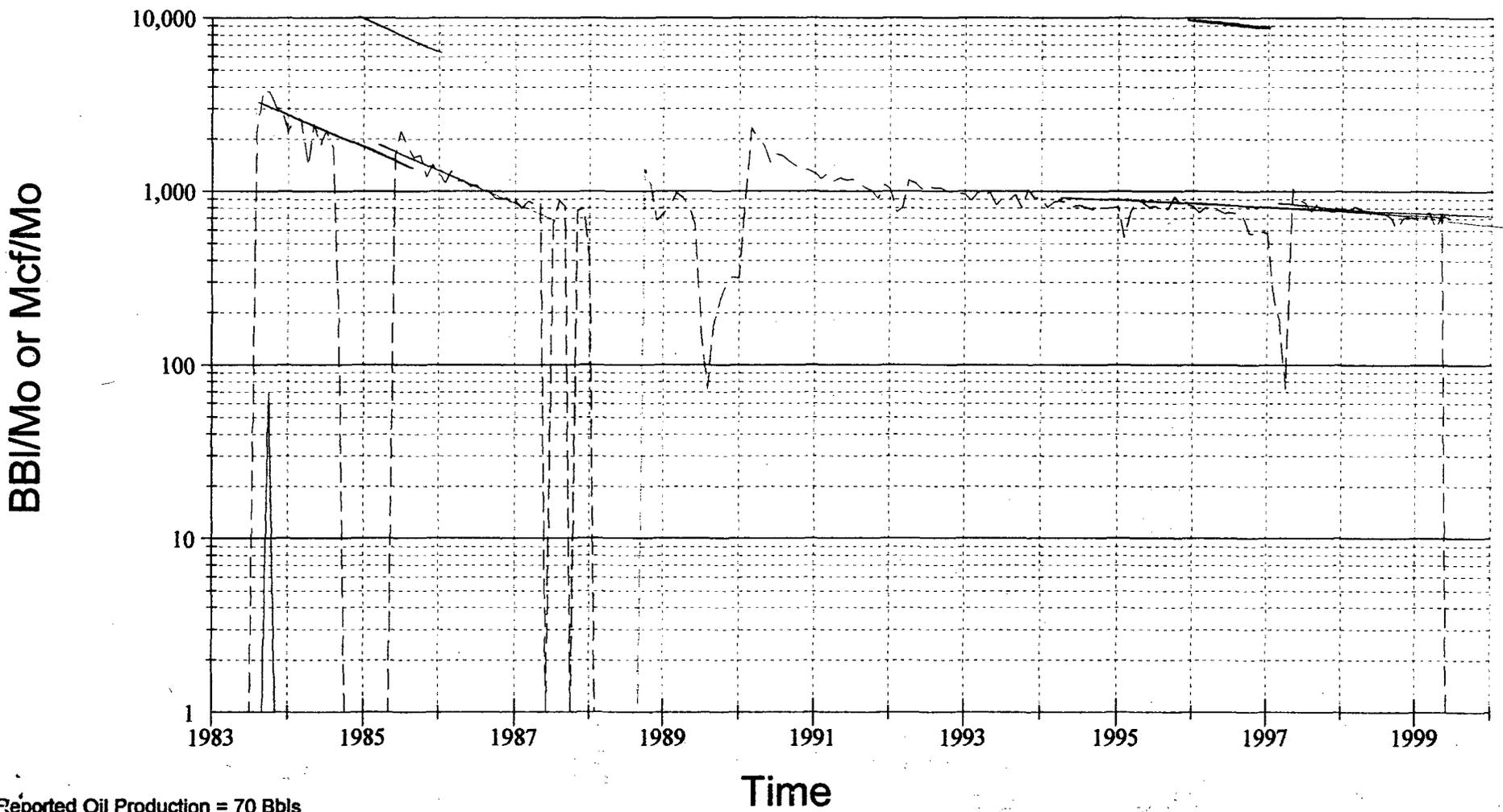
Plot Displays Monthly Totals
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IP = 4000 MCF @ 35%
 for 3 1/2
 5 1/2 →

(700-200) 12
 In. 9 = 57
 7178
 235

—	Oil
- - -	Gas
· · · · ·	Water
- - - - -	Wells

Field: TRAVIS
 Lease: HEWITT FEDERAL | Well #2
 Operator: FROSTMAN OIL CORPORATION
 Production Rate vs Time
 For the Period 01/1983 to 12/1999 | API: 30015240010000



Reported Oil Production = 70 Bbls
 Reported Gas Production = 178,489 Mcf
 Reported Water Production = 0 Bbls

Plot Displays Monthly Totals
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