

BMG

6943  
BENSON-MONTIN-GREER DRILLING CORP.

March 27, 2000

U.S. Department of the Interior  
Bureau of Land Management  
Rio Puerco Resource Area  
435 Montano NE  
Albuquerque, NM 87107-4935  
Attention: Joe Incardine, Chief  
Lands and Minerals

✓ New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, NM 87505  
Attention: Roy E. Johnson  
Senior Petroleum Geologist

Re: EAST PUERTO CHIQUITO MANCOS  
UNIT: 2000 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 2000.

1. Summary of Operations:

No changes have been made in the geologic interpretations, wells or participating area boundaries, so no new maps are submitted. Gas injection is continuing and water injection was instituted in 1992.

2. Listing of status of all wells:

Listing of status of all wells is enclosed here as Schedule I.

3. Performance curves:

Production curves, along with injectivity, are also enclosed.

4. Plans for development:

Referring to our 1999 Plan of Development, negotiations with the Jicarilla Apache Tribe to market gas were successful. The line was built in the fall of 1999 and marketing of some of the produced gas commenced in January, 2000.

Reinjection of approximately the same volume of gas as before is continuing. Water injection is also continuing.

5. Effectiveness of enhanced recovery project:

Set out on Schedule II are current and cumulative oil, gas and water production and gas and water injection rates.

We hereby respectfully request your approval of this 2000 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:



Albert R. Greer, President

ARG/tlp

Enclosures

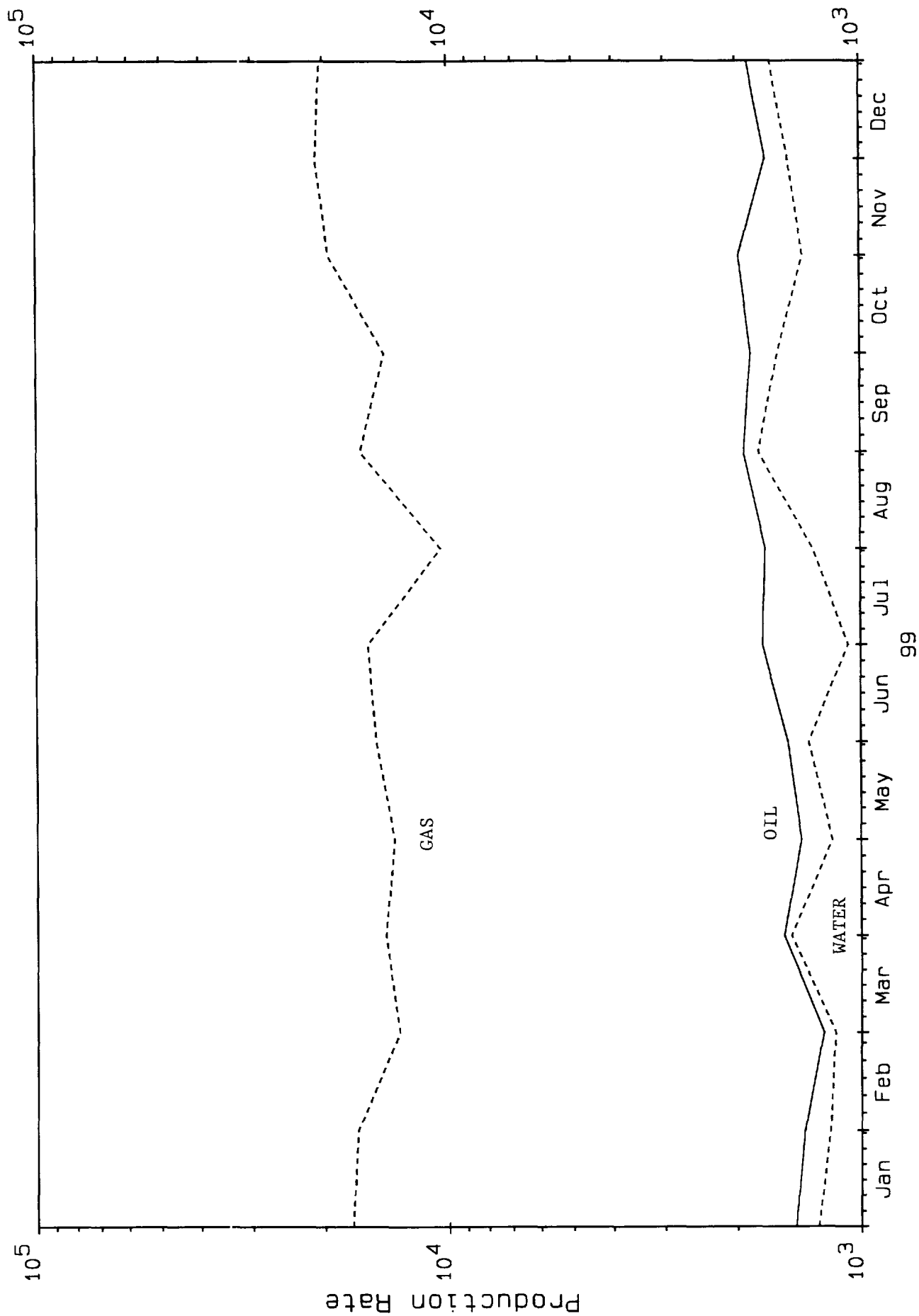
## SCHEDULE I

### EAST PUERTO CHIQUITO MANCOS UNIT

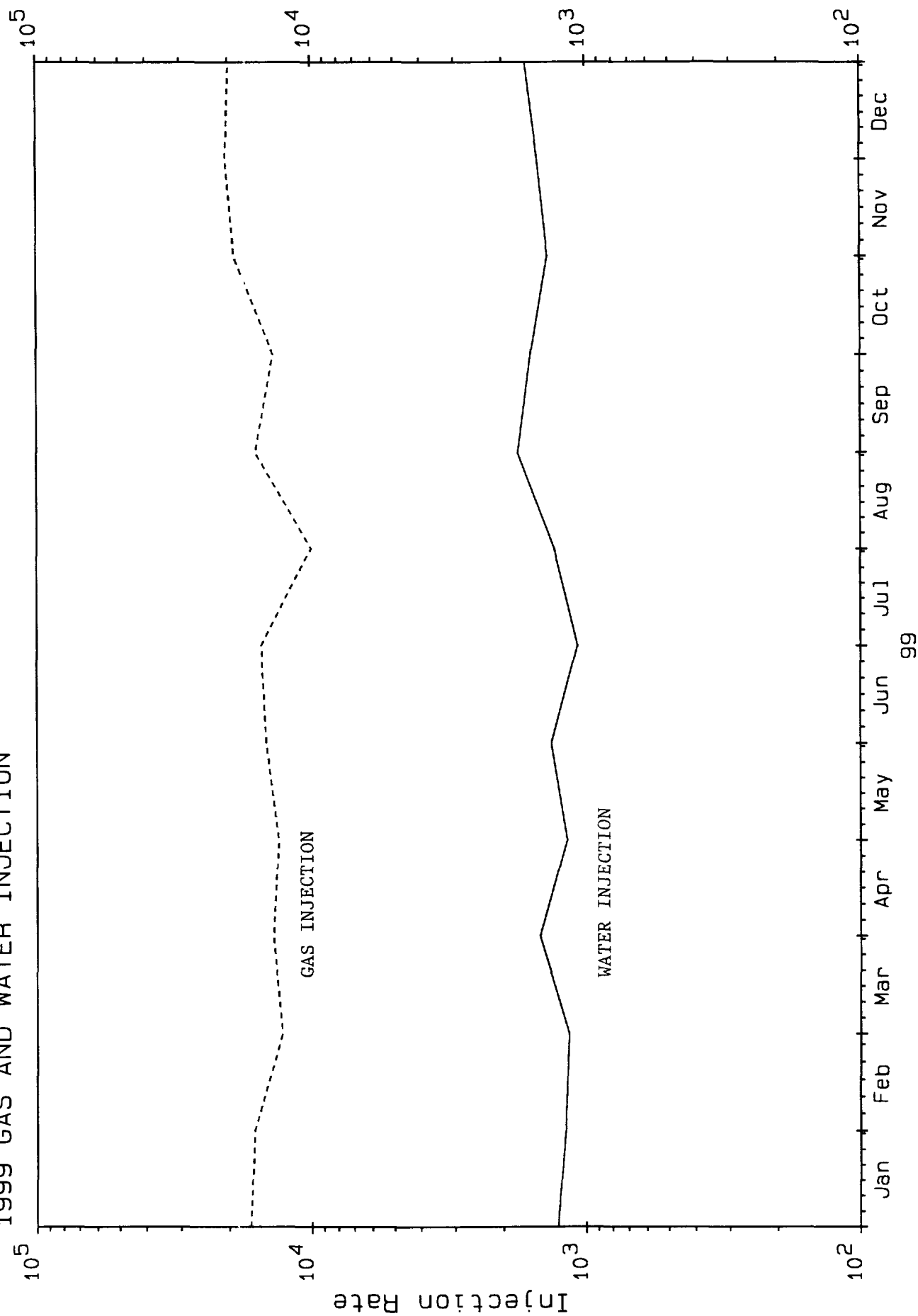
#### STATUS OF WELLS

# 1 (L-29)	SW/SW 29-27N-1E	Plugged and Abandoned.
# 2 (G-29)	SW/NE 29-27N-1E	Gas Injection well.
# 3 (C-29)	NE/NW 29-27N-1E	SI - to be put on production by gas lift.
# 4 (K-29)	SE/SW 29-27N-1E	SI - to be put on production by gas lift.
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#18 (P-13)	SE/SE 13-27N-1W	SI - preparing to convert to water injection.
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# EAST PUERTO CHIQUITO MANCOS UNIT 1999 PRODUCTION



EAST PUERTO CHIQUITO MANCOS UNIT  
1999 GAS AND WATER INJECTION



SCHEDULE II

EAST PUERTO CHIQUITO MANCOS UNIT  
1999 PRODUCTION STATISTICS

	<u>Oil</u> (BOPM)	<u>Gas</u> (MCF/M)	<u>Water</u> (BWPM)	<u>Gas</u> <u>Injection</u> (MCF/M)	<u>Water</u> <u>Injection</u> (BWPM)
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February	1234	13177	1156	12837	1156
March	1536	14223	1476	13837	1476
April	1393	13529	1174	13229	1174
May	1501	14957	1338	14679	1338
June	1729	15653	1073	15289	1073
July	1699	10406	1304	10032	1304
August	1916	16308	1765	16040	1765
September	1840	14250	1581	13772	1581
October	1965	19401	1373	19049	1373
November	1687	20808	1487	20414	1487
December	1866	20293	1642	19859	1642
Total	19737	189640	16559	185244	16559
Cum. Since 5/81	771099	1692591	111157	1387018	81301

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ARG/tlp

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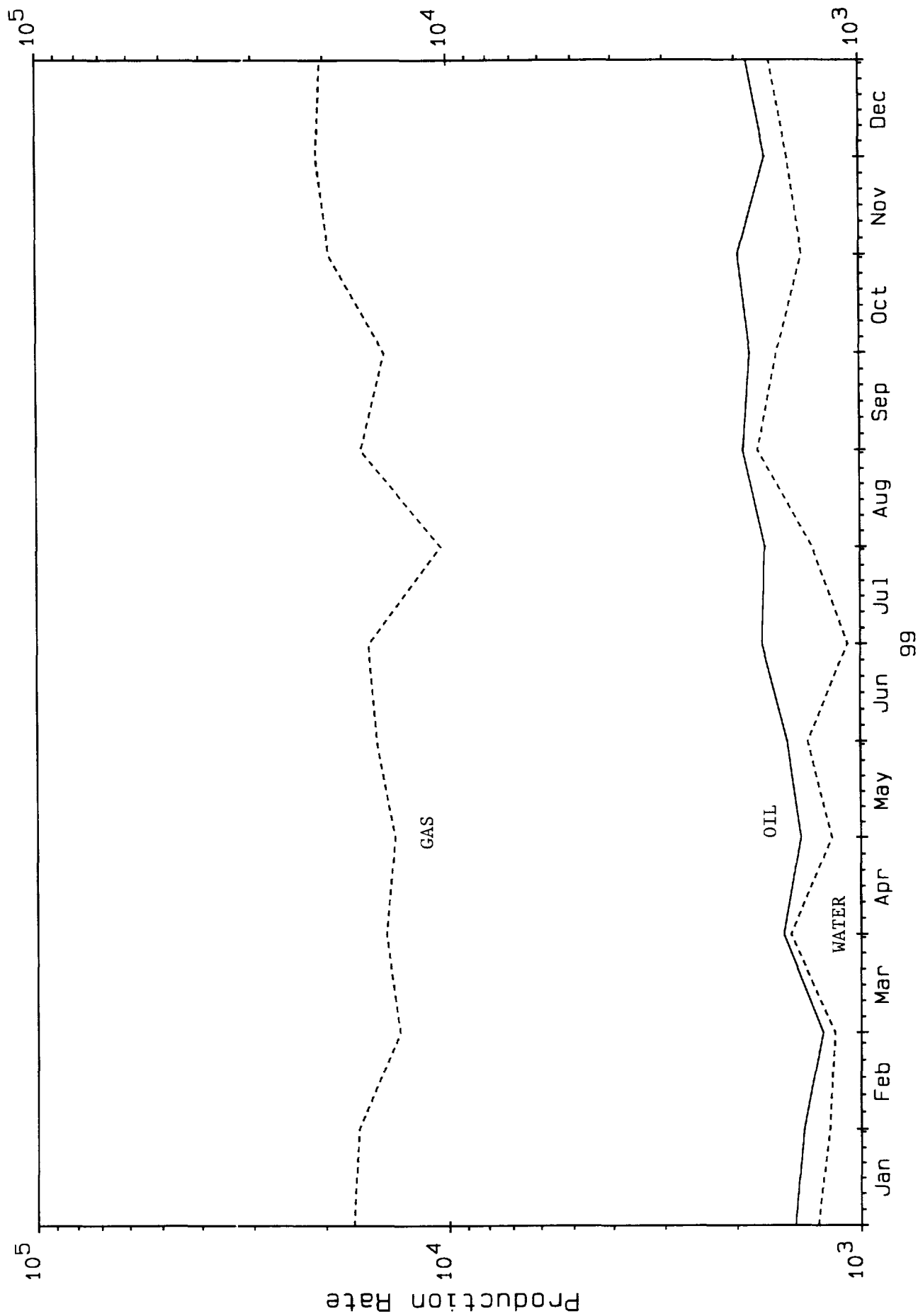


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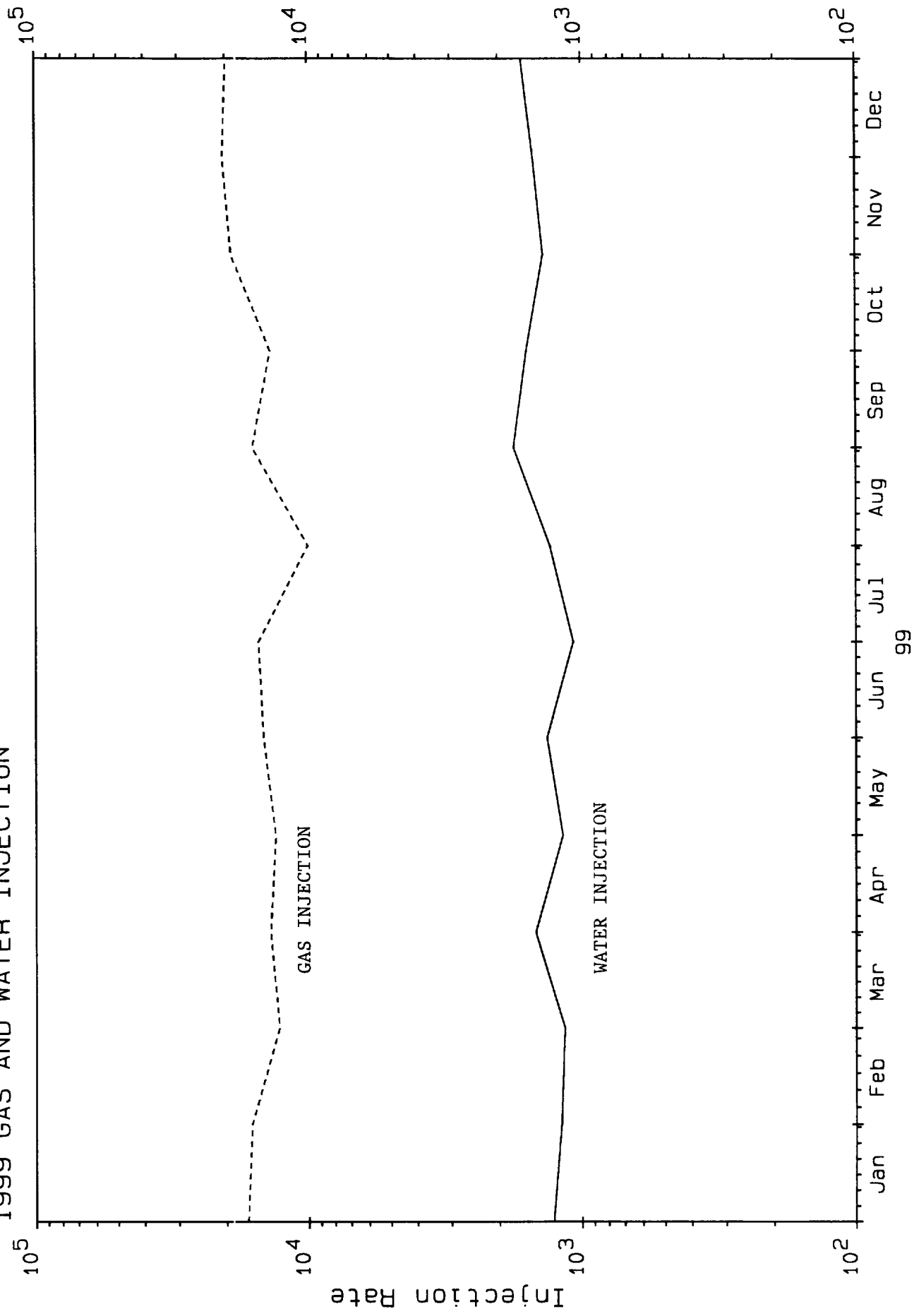
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1999 GAS AND WATER INJECTION



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June 13, 2000

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

U.S. Department of the Interior P-017-191-460  
Bureau of Land Management  
Rio Puerco Resource Area  
435 Montano NE  
Albuquerque, NM 87107-4935  
Attention: Joe Incardine, Chief  
Lands and Minerals

✓ New Mexico Oil Conservation Division P-017-191-461  
2040 S. Pacheco  
Santa Fe, NM 87505  
Attention: Roy E. Johnson  
Senior Petroleum Geologist

Jicarilla Apache Tribe P-017-191-462  
P.O. Box 507  
Dulce, NM 87528  
Attention: Thurman Velarde

Re: EAST PUERTO CHIQUITO MANCOS  
UNIT: AMENDED PLAN OF  
DEVELOPMENT 2000

Gentlemen:

The East Puerto Chiquito Mancos Unit (EPCMU) has been approved as a tertiary recovery project. Injection of tertiary chemicals has been delayed pending key well producers being restored to production.

Some of the key wells have been shut in because of inability to handle the gas. We were concerned the shut in wells could cause local areas of higher pressure and adversely affect the movement of the tertiary chemicals through the reservoir. These wells have been restored to production by the construction in 1999 of a gas marketing pipeline. The wells were restored to production in January, 2000; and after 5 months of production appear to be stabilized.

Bureau of Land Management  
New Mexico Oil Conservation Division  
Jicarilla Apache Tribe

June 13, 2000  
Page No. 2

We propose the injection of tertiary chemicals this year. Considerable progress has been made in tertiary technology since this project was initiated. We are currently having tests run to determine the best chemistry to apply. The chemicals will probably be sodium carbonate and a surfactant. Because the reservoir has been produced by gravity drainage, the injection materials should not "channel", so we propose not to use polymers.

Tertiary activities will be reported in annual Plans of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

By:   
Albert R. Greer, President

ARG/tlp



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*BENSON-MONTIN-GREER DRILLING CORP.*

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June 13, 2000

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ARG/tlp



**BMG**

Benson-Montin-Greer Drilling Corp.  
4900 College Boulevard  
Farmington, NM 87402

RETURN RECEIPT REQUESTED

**CERTIFIED**

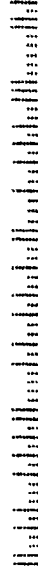
P 017 191 461

**MAIL**

New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, NM 87505

Attn: Roy E. Johnson

87505-3472 57



Is your RETURN ADDRESS  
completed on the reverse side?

<b>SENDER:</b> <ul style="list-style-type: none"><li>• Complete items 1 and/or 2 for additional services.</li><li>• Complete items 3, and 4a &amp; b.</li><li>• Print your name and address on the reverse of this form so that we can return this card to you.</li><li>• Attach this form to the front of the mailpiece, or on the back if space does not permit.</li><li>• Write "Return Receipt Requested" on the mailpiece below the article number.</li><li>• The Return Receipt Fee will provide you the signature of the person delivered to and the date of delivery.</li></ul>		I also wish to receive the following services (for an extra fee): <ol style="list-style-type: none"><li>1. <input type="checkbox"/> Addressee's Address</li><li>2. <input type="checkbox"/> Restricted Delivery</li></ol> Consult postmaster for fee.
3. Article Addressed to: New Mexico Oil Conservation Div. 2040 S. Pacheco Santa Fe, NM 87505		4a. Article Number P-017-191-461
		4b. Service Type <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
5. Signature (Addressee)		7. Date of Delivery
6. Signature (Agent)		8. Addressee's Address (Only if requested and fee is paid)

Thank you for using  
Return Receipt Service.

# BMG

#6943

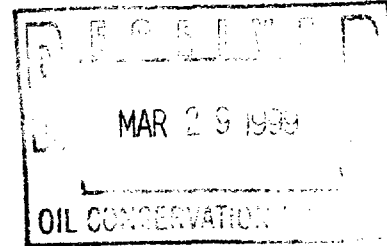
OK'd 3/30/99

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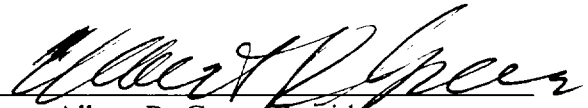
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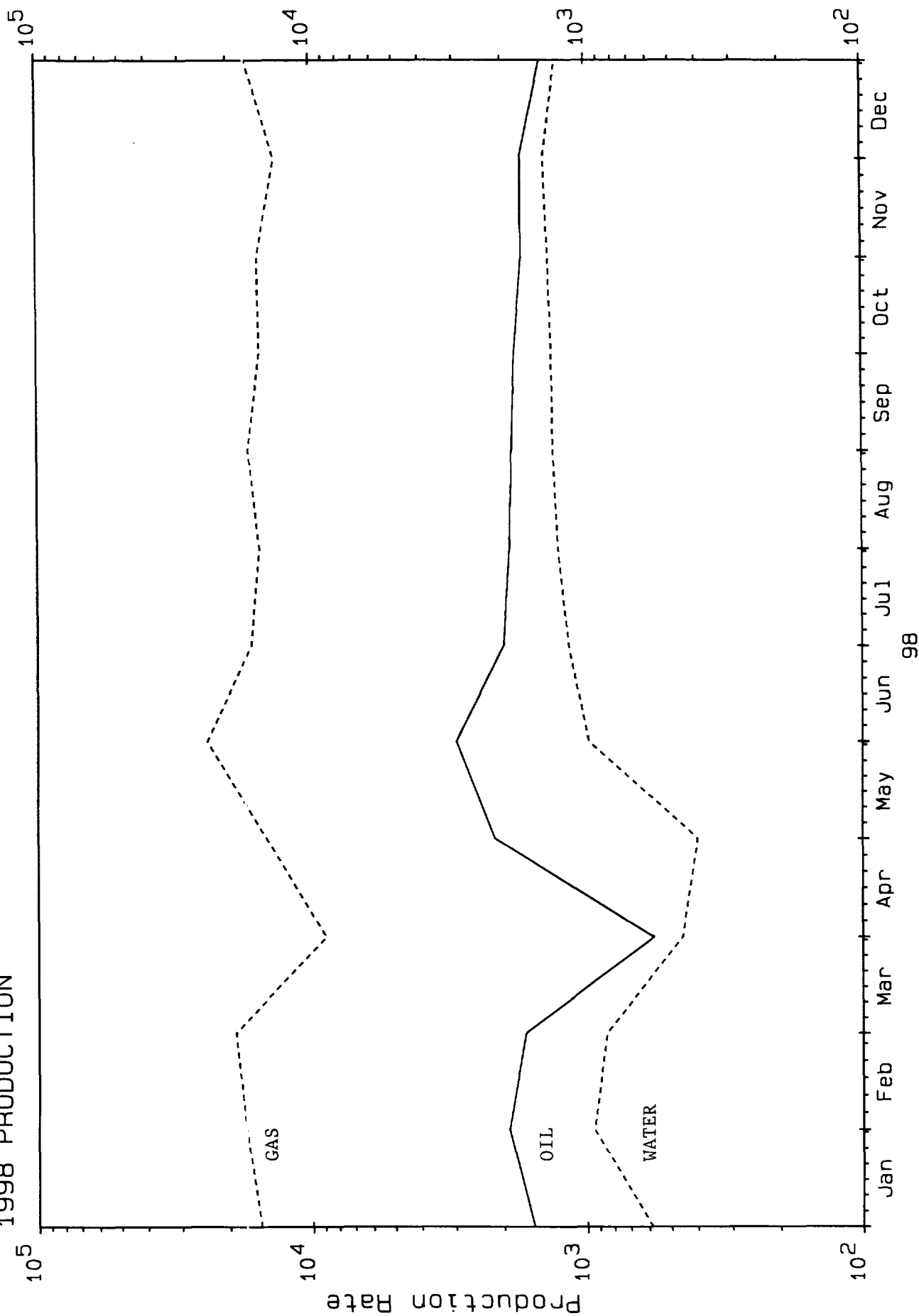
Enclosures

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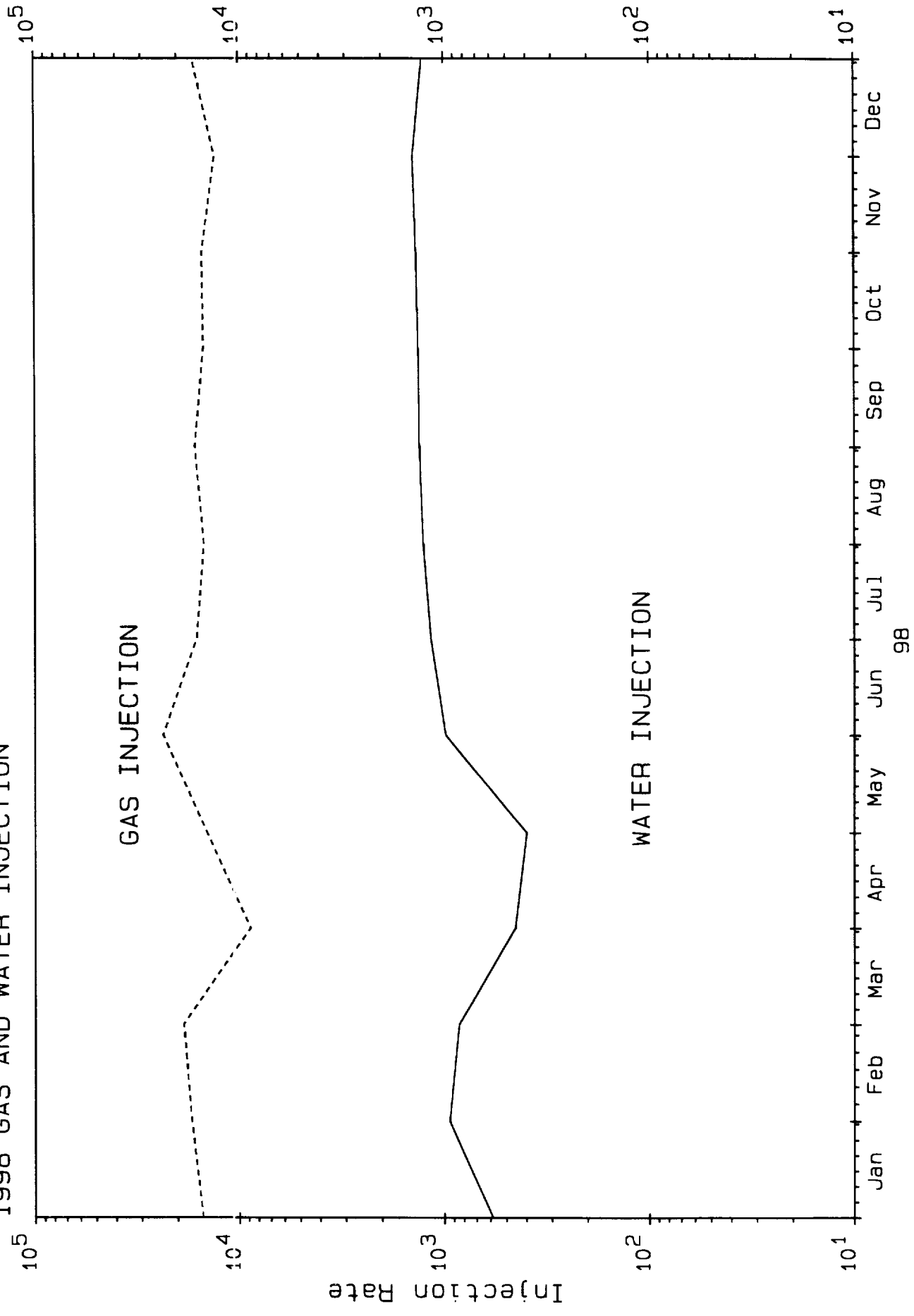
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#36 (J-7)	NW/SE 7-26N-1E	Not drilled - location only.
#37 (C-8)	NE/NW 8-26N-1E	Shut in.
#38 (H-8)	SE/NE 8-26N-1E	Producing.
#39 (E-21)	SW/NW 21-27N-1E	Shut in.
#40 (E-19)	SW/NW 19-27N-1E	Shut in.
#41 (F-20)	SE/NW 20-27N-1E	SI - to be put on production by gas lift.
#42 (O-21)	SW/SE 21-27N-1E	Temporarily abandoned.
#43 (L-28)	SW/SW 28-27N-1E	Plugged and Abandoned.
#44 (P-18)	SE/SE 13-27N-1E	Plugged and Abandoned.

EAST PUERTO CHIQUITO MANCOS UNIT  
1998 PRODUCTION



EAST PUERTO CHIQUITO MANCOS UNIT  
1998 GAS AND WATER INJECTION



SCHEDULE II

EAST PUERTO CHIQUITO MANCOS UNIT  
1998 PRODUCTION STATISTICS

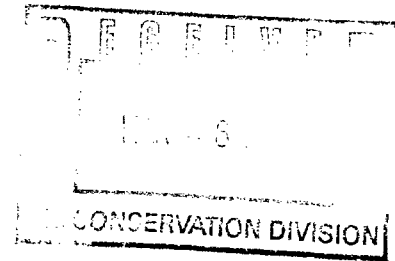
	<u>Oil</u> (BOPM)	<u>Gas</u> (MCF/M)	<u>Water</u> (BWPM)	<u>Gas</u> <u>Injection</u> (MCF/M)	<u>Water</u> <u>Injection</u> (BWPM)
January	1912	17396	942	17112	942
February	1666	19008	847	18734	847
March	574	8891	453	8799	453
April	2144	14598	398	14356	398
May	2957	23994	981	23552	981
June	1987	16556	1157	16136	1157
July	1891	15409	1263	14873	1263
August	1849	16895	1314	16463	1314
September	1805	15333	1328	14919	1328
October	1698	15564	1362	15134	1362
November	1709	13409	1407	13047	1407
December	1440	17129	1269	16767	1269
Total	21632	194182	12721	189892	12721
Cum. Since 5/81	751362	1502951	94598	1201774	64742



**BMG****BENSON-MONTIN-GREER DRILLING CORP.**

February 27, 1997

U.S. Department of the Interior  
 Bureau of Land Management  
 Rio Puerco Resource Area  
 435 Montano NE  
 Albuquerque, NM 87107-4935  
 Attention: Joe Incardine, Chief  
 Lands and Minerals



3-7-97  
 by letter - OK'd

→ New Mexico Oil Conservation Division  
 2040 S. Pacheco  
 Santa Fe, NM 87505  
 Attention: Roy E. Johnson  
 Senior Petroleum Geologist

Re: EAST PUERTO CHIQUITO MANCOS  
 UNIT: 1997 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 1997.

1. Summary of Operations:

No changes have been made in the geologic interpretations, wells or participating area boundaries, so no new maps are submitted. Gas injection is continuing and water injection was instituted in 1992.

2. Listing of status of all wells:

Listing of status of all wells is enclosed here as Schedule I.

3. Performance curves:

Production curves, along with injectivity, are also enclosed.

4. Plans for development:

We plan to continue operating the gas injection system and water injection system.

5. Effectiveness of enhanced recovery project:


Set out on Schedule II are current and cumulative oil, gas and water production and gas and water injection rates.

We hereby respectfully request your approval of this 1997 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

ARG/tlp

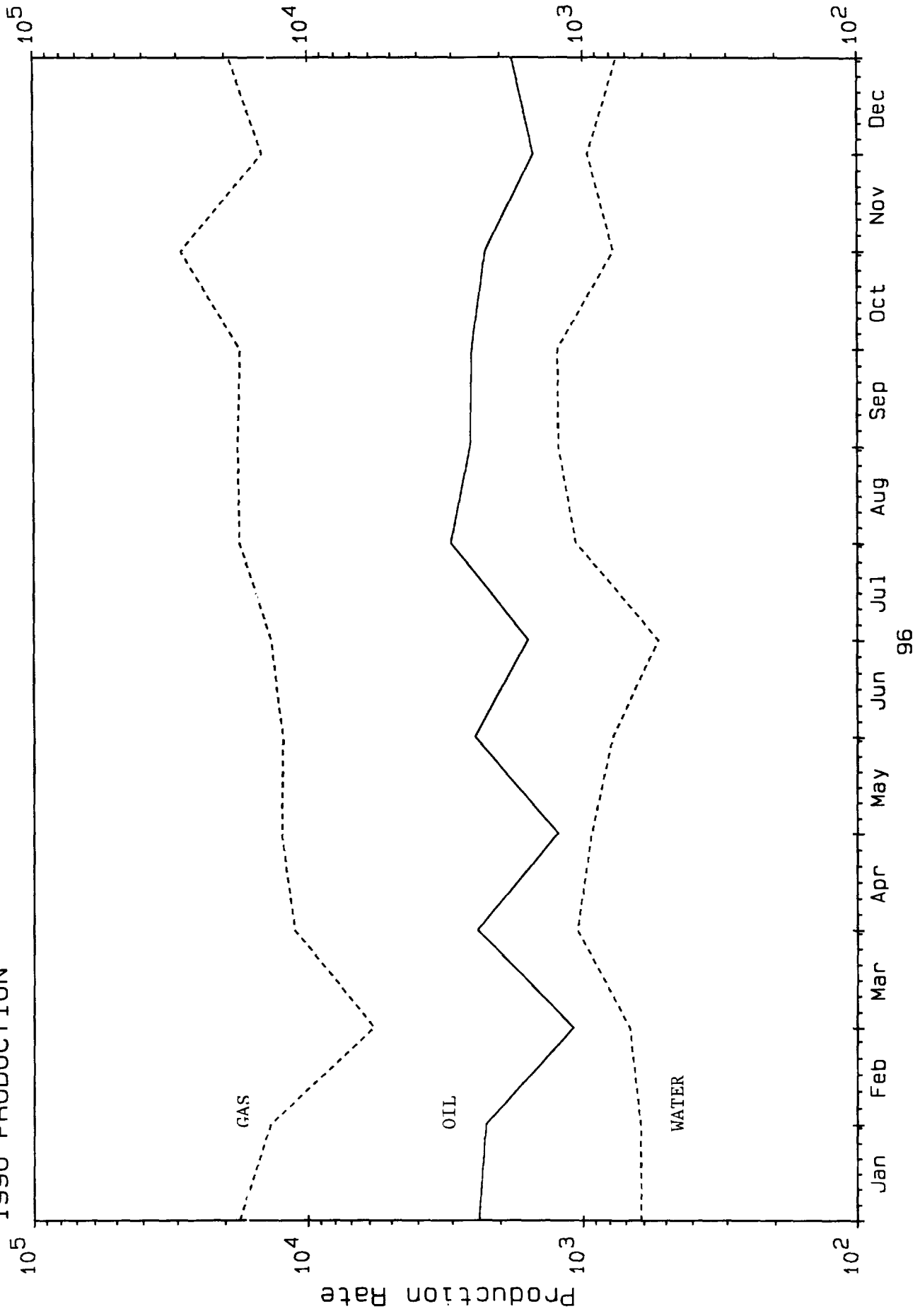
Enclosures

## SCHEDULE I

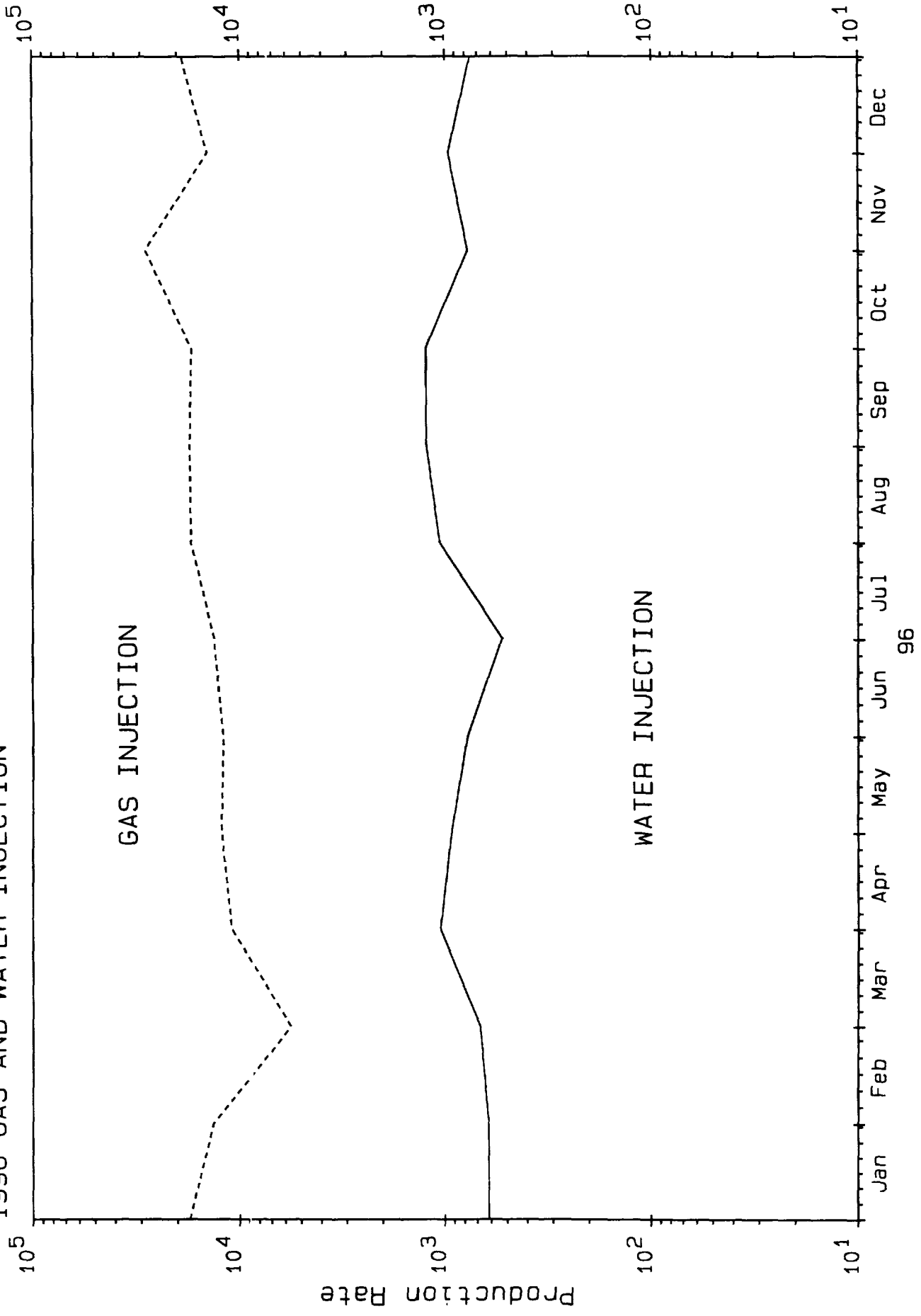
### EAST PUERTO CHIQUITO MANCOS UNIT STATUS OF WELLS

# 1 (L-29)	SW/SW 29-27N-1E	Plugged and Abandoned.
# 2 (G-29)	SW/NE 29-27N-1E	Gas Injection well.
# 3 (C-29)	NE/NW 29-27N-1E	SI - to be put on production by gas lift.
# 4 (K-29)	SE/SW 29-27N-1E	SI - to be put on production by gas lift.
# 5 (A-29)	NE/NE 29-27N-1E	SI - to be put on production by gas lift.
# 6 (I-29)	SE/SE 29-27N-1E	Plugged and Abandoned.
# 7 (N-20)	SE/SW 20-27N-1E	Shut in.
# 8 (P-19)	SE/SE 19-27N-1E	SI - to be put on production by gas lift.
# 9 (H-30)	SE/NE 30-27N-1E	Producing, to be put on production by gas lift.
#10 (H-20)	SE/NE 20-27N-1E	SI - to be put on production by gas lift.
#11 (P-20)	SE/SE 20-27N-1E	SI - to be put on production by gas lift.
#12 (H-19)	SE/NE 19-27N-1E	Producing.
#13 (F-30)	SE/NW 30-27N-1E	Producing.
#14 (N-19)	SE/SW 19-27N-1E	Producing.
#15 (M-21)	SW/SW 21-27N-1E	SI - to be put on production by gas lift.
#16 (C-28)	NE/NW 28-27N-1E	Shut in.
#17 (O-17)	SW/SE 17-27N-1E	SI - to be put on production by gas lift.
#18 (P-13)	SE/SE 13-27N-1W	SI - preparing to convert to water injection.
#19 (H-25)	SE/NE 25-27N-1W	SI - preparing to convert to water injection.
#20 (D-4)	NW/NW 4-26N-1E	Plugged and Abandoned.
#21 (B-5)	NW/NE 5-26N-1E	SI - to be put on production by gas lift.
#22 (C-5)	NE/NW 5-26N-1E	SI - to be put on production by gas lift.
#23 (H-6)	SE/NE 6-26N-1E	Shut in.
#24 (F-6)	SE/NW 6-26N-1E	Water injection well.
#25 (I-6)	NE/SE 6-26N-1E	SI - to be put on production by gas lift.
#26 (F-5)	SE/NW 5-26N-1E	Plugged and Abandoned.
#27 (H-5)	SE/NE 5-26N-1E	Shut in.
#28 (D-9)	NW/NW 9-26N-1E	Shut in.
#29 (F-9)	SE/NW 9-26N-1E	Shut in.
#30 (I-8)	NE/SE 8-26N-1E	Producing.
#31 (P-9)	SE/SE 9-26N-1E	Shut in.
#32 (H-16)	SE/NE 16-26N-1E	Shut in.
#33 (P-5)	SE/SE 5-26N-1E	Temporarily abandoned.
#34 (K-5)	NE/SW 5-26N-1E	SI - to be reworked.
#35 (M-9)	SW/SW 9-26N-1E	Temporarily abandoned.
#36 (J-7)	NW/SE 7-26N-1E	Not drilled - location only.
#37 (C-8)	NE/NW 8-26N-1E	Shut in.
#38 (H-8)	SE/NE 8-26N-1E	Producing.
#39 (E-21)	SW/NW 21-27N-1E	Shut in.
#40 (E-19)	SW/NW 19-27N-1E	Shut in.
#41 (F-20)	SE/NW 20-27N-1E	SI - to be put on production by gas lift.
#42 (O-21)	SW/SE 21-27N-1E	Temporarily abandoned.
#43 (L-28)	SW/SW 28-27N-1E	Plugged and Abandoned.
#44 (P-18)	SE/SE 18-27N-1E	Plugged and Abandoned.

EAST PUERTO CHIQUITO MANCOS UNIT  
1996 PRODUCTION



EAST PUERTO CHIQUITO MANCOS UNIT  
1996 GAS AND WATER INJECTION



SCHEDULE II

EAST PUERTO CHIQUITO MANCOS UNIT  
1996 PRODUCTION STATISTICS

	<u>Oil</u> (BOPM)	<u>Gas</u> (MCF/M)	<u>Water</u> (BWPM)	<u>Gas</u> <u>Injection</u> (MCF/M)	<u>Water</u> <u>Injection</u> (BWPM)
January	2259	13692	617	13382	617
February	1086	5770	676	5634	676
March	2424	11178	1051	10954	1051
April	1237	12469	932	12283	932
May	2478	12358	780	12056	780
June	1589	13603	531	13311	531
July	3023	17729	1063	17249	1063
August	2569	17985	1230	17489	1230
September	2536	17592	1239	17110	1239
October	2263	28852	775	28394	775
November	1511	14613	960	14279	960
December	<u>1806</u>	<u>19254</u>	<u>752</u>	<u>19006</u>	<u>752</u>
Total	24781	185095	10606	181147	10606
Cum. Since 5/81	706753	1148973	74826	855360	44970

DIVISION #6943  
MAY 8 50

**BENSON-MONTIN-GREER DRILLING CORP.**

501 AIRPORT DRIVE, SUITE 221, FARMINGTON, NM 87401 505-325-8874 FAX: 505-327-9207

May 5, 1994

U.S. Department of the Interior  
Bureau of Land Management  
Rio Puerco Resource Area  
435 Montano NE  
Albuquerque, NM 87107-4935

Attention: Hector A. Villalobos  
Area Manager

New Mexico Commissioner of Public Lands  
State Land Office  
P.O. Box 1148  
Santa Fe, NM 87501  
Attention: Floyd O. Prando, Director  
Oil and Gas Division

✓ New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501  
Attention: Roy E. Johnson  
Senior Petroleum Geologist

Re: EAST PUERTO CHIQUITO MANCOS  
UNIT: 1994 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's  
proposed Plan of Development for 1994.

1. Summary of Operations:

No changes have been made in the geologic  
interpretations, wells or participating area boundaries, so no new  
maps are submitted. Gas injection is continuing and water  
injection was instituted in 1992.

*BENSON-MONTIN-GREER DRILLING CORP.*

Bureau of Land Management  
New Mexico Commissioner of Public Lands  
New Mexico Oil Conservation Division

Page No. 2  
May 5, 1994

2. Listing of status of all wells:

Listing of status of all wells is enclosed here as  
Schedule I.

3. Performance curves:

Production curves, along with injectivity, are also  
enclosed.

4. Plans for development:

We plan to continue extending the gas gathering  
system and water injection system.

5. Effectiveness of enhanced recovery project:

Set out on Schedule II are current and cumulative  
oil, gas and water production and gas and water injection rates.

We hereby respectfully request your approval of this  
1994 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

ARG/tlp

Enclosures

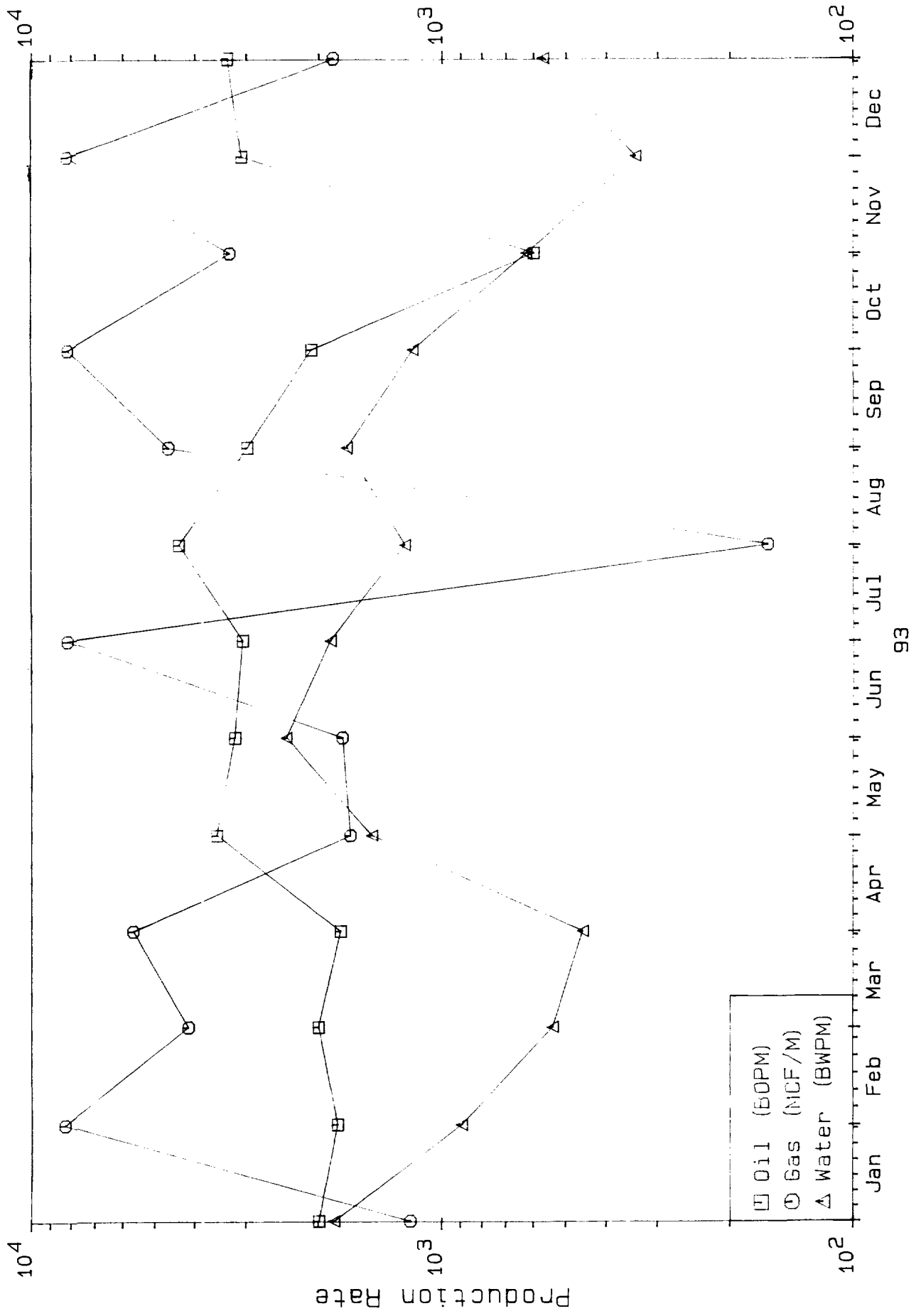


SCHEDULE I

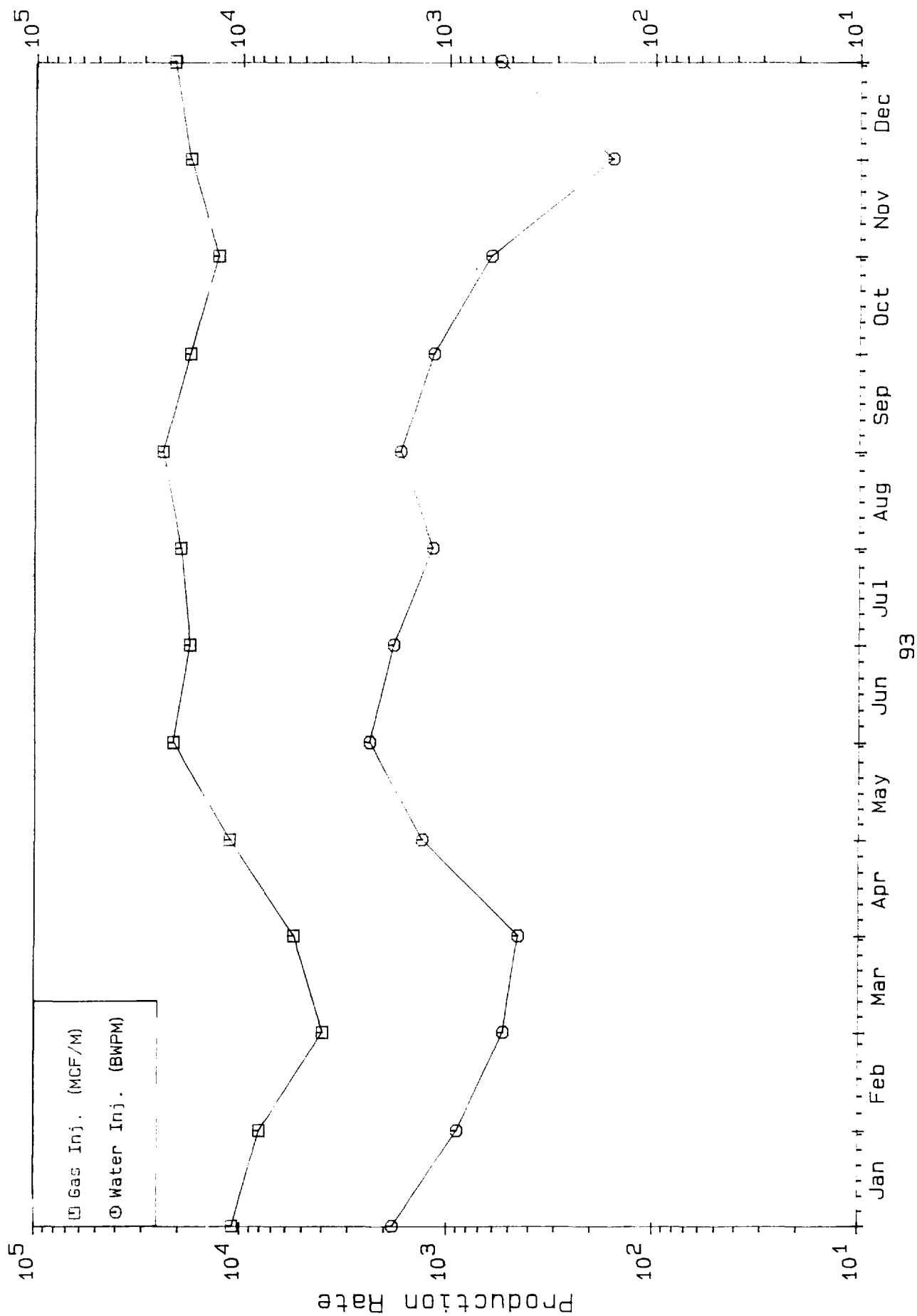
EAST PUERTO CHIQUITO MANCOS UNIT  
STATUS OF WELLS

# 1 (L-29)	SW/SW	29-27N-1E	Plugged and Abandoned.
# 2 (G-29)	SW/NE	29-27N-1E	Gas Injection well.
# 3 (C-29)	NE/NW	29-27N-1E	SI - to be put on production by gas lift.
# 4 (K-29)	SE/SW	29-27N-1E	SI - to be put on production by gas lift.
# 5 (A-29)	NE/NE	29-27N-1E	SI - to be put on production by gas lift.
# 6 (I-29)	SE/SE	29-27N-1E	Plugged and Abandoned.
# 7 (N-20)	SE/SW	20-27N-1E	Shut in.
# 8 (P-19)	SE/SE	19-27N-1E	SI - to be put on production by gas lift.
# 9 (H-30)	SE/NE	30-27N-1E	Producing, to be put on production by gas lift.
#10 (H-20)	SE/NE	20-27N-1E	SI - to be put on production by gas lift.
#11 (P-20)	SE/SE	20-27N-1E	SI - to be put on production by gas lift.
#12 (H-19)	SE/NE	19-27N-1E	Producing.
#13 (F-30)	SE/NW	30-27N-1E	Producing.
#14 (N-19)	SE/SW	19-27N-1E	Producing.
#15 (M-21)	SW/SW	21-27N-1E	SI - to be put on production by gas lift.
#16 (C-28)	NE/NW	28-27N-1E	Shut in.
#17 (O-17)	SW/SE	17-27N-1E	SI - to be put on production by gas lift.
#18 (P-13)	SE/SE	13-27N-1W	SI - preparing to convert to water injection.
#19 (H-25)	SE/NE	25-27N-1W	SI - preparing to convert to water injection.
#20 (D-4)	NW/NW	4-26N-1E	Plugged and Abandoned.
#21 (B-5)	NW/NE	5-26N-1E	SI - to be put on production by gas lift.
#22 (C-5)	NE/NW	5-26N-1E	SI - to be put on production by gas lift.
#23 (H-6)	SE/NE	6-26N-1E	Shut in.
#24 (F-6)	SE/NW	6-26N-1E	Water injection well.
#25 (I-6)	NE/SE	6-26N-1E	SI - to be put on production by gas lift.
#26 (F-5)	SE/NW	5-26N-1E	Plugged and Abandoned.
#27 (H-5)	SE/NE	5-26N-1E	Shut in.
#28 (D-9)	NW/NW	9-26N-1E	Shut in.
#29 (F-9)	SE/NW	9-26N-1E	Shut in.
#30 (I-8)	NE/SE	8-26N-1E	Producing.
#31 (P-9)	SE/SE	9-26N-1E	Shut in.
#32 (H-16)	SE/NE	16-26N-1E	Shut in.
#33 (P-5)	SE/SE	5-26N-1E	Temporarily abandoned.
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#37 (C-8)	NE/NW	8-26N-1E	Shut in.
#38 (H-8)	SE/NE	8-26N-1E	Producing.
#39 (E-21)	SW/NW	21-27N-1E	Shut in.
#40 (E-19)	SW/NW	19-27N-1E	Shut in.
#41 (F-20)	SE/NW	20-27N-1E	SI - to be put on production by gas lift.
#42 (O-21)	SW/SE	21-27N-1E	Temporarily abandoned.
#43 (L-28)	SW/SW	28-27N-1E	Plugged and Abandoned.
#44 (P-18)	SE/SE	18-27N-1E	Plugged and Abandoned.

# EAST PUERTO CHIQUITO MANCOS UNIT 1993 PRODUCTION



# EAST PUERTO CHIQUITO MANCOS UNIT 1993 GAS AND WATER INJECTION



SCHEDULE II

EAST PUERTO CHIQUITO MANCOS UNIT  
1993 PRODUCTION STATISTICS

	<u>Oil</u> (BOPM)	<u>Gas</u> (MCF/M)	<u>Water</u> (BWPM)	<u>Gas</u> <u>Injection</u> (MCF/M)	<u>Water</u> <u>Injection</u> (BWPM)
January	1794	8277	895	8085	895
February	1999	4139	538	4013	538
March	1764	5659	456	5565	456
April	3542	11673	1484	11397	1334
May	3206	21753	2402	21431	2402
June	3071	18207	1876	17755	1831
July	4393	20162	1234	19759	1189
August	2998	24668	1712	24241	1712
September	2087	18188	1180	17836	1180
October	601	13307	626	13081	626
November	3098	18258	341	17955	161
December	<u>3351</u>	<u>21851</u>	<u>570</u>	<u>21545</u>	<u>570</u>
Total	31904	186142	13314	182663	12894
Cum. Since 5/81	613408	557406	52426	311059	23252

6943

Oil and Gas Division

March 8 1993

**BENSON-MONTIN-GREER DRILLING CORP.**

221 PETROLEUM CENTER BUILDING, FARMINGTON, NM 87401 505-325-8874 FAX: 505-327-9207

March 12, 1993

3-18-93  
P. Keller  
Unit 1e  
74

U.S. Department of the Interior  
Bureau of Land Management  
1235 La Plata Highway  
Farmington, NM 87401  
Attention: John Keller  
Chief, Branch of Minerals

New Mexico Commissioner of Public Lands  
State Land Office  
P.O. Box 1148  
Santa Fe, NM 87501  
Attention: Floyd O. Prando, Director  
Oil and Gas Division

✓ New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501  
Attention: Roy E. Johnson  
Senior Petroleum Geologist

Re: EAST PUERTO CHIQUITO MANCOS  
UNIT: 1993 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 1993.

1. Summary of Operations:

No changes have been made in the geologic interpretations, wells or participating area boundaries, so no new maps are submitted. Gas injection is continuing and water injection was instituted in 1992.

2. Listing of status of all wells:

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*BENSON-MONTIN-GREER DRILLING CORP.*

Bureau of Land Management  
New Mexico Commissioner of Public Lands  
New Mexico Oil Conservation Division

Page No. 2  
March 12, 1993

3. Performance curves:

Production curves, along with injectivity, are also enclosed.

4. Plans for development:

We plan to continue extending the gas gathering system and water injection system.

5. Effectiveness of enhanced recovery project:

Set out on Schedule II are current and cumulative oil, gas and water production and gas and water injection rates.

We hereby respectfully request your approval of this 1993 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

ARG/tlp

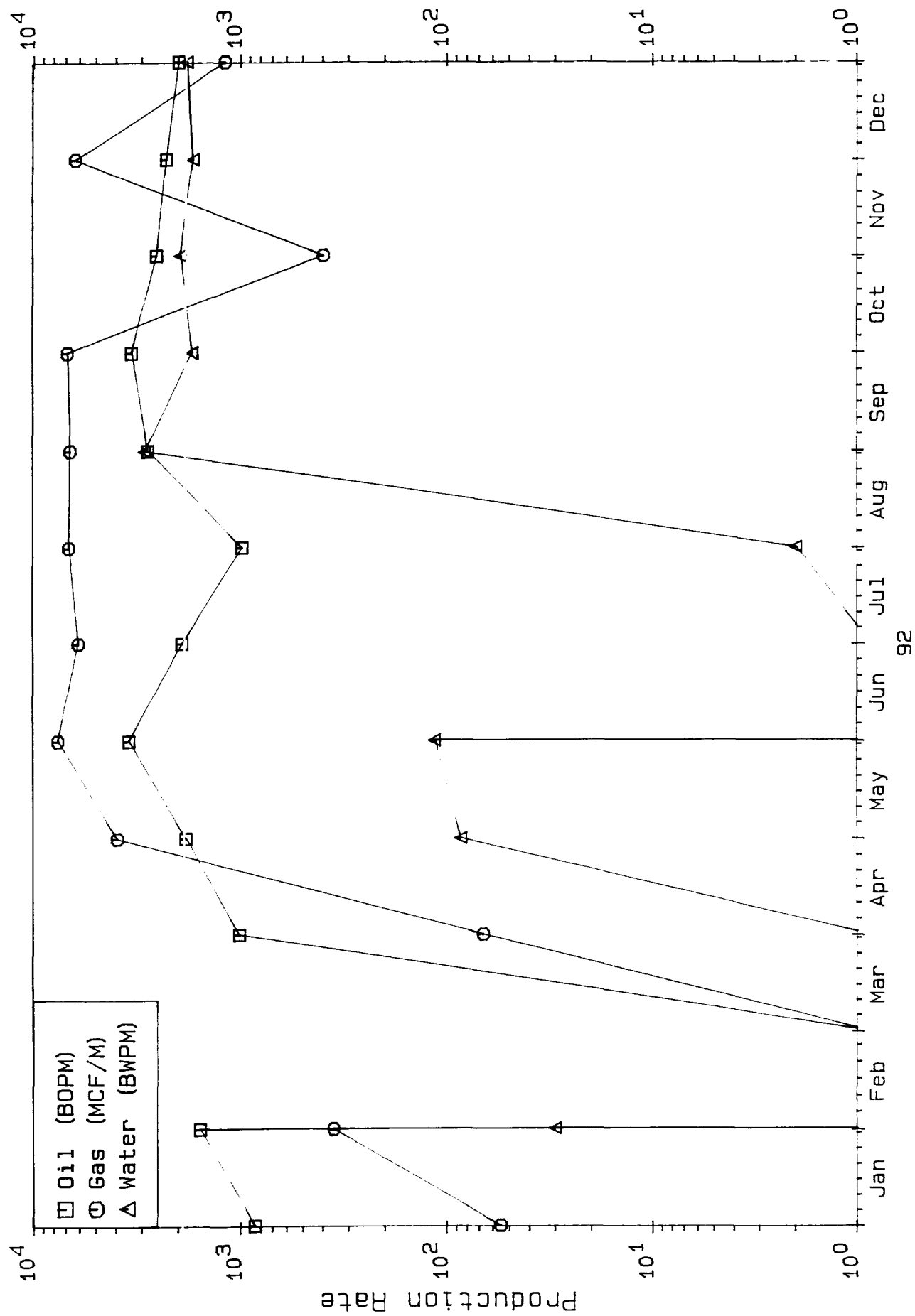
Enclosures

SCHEDULE I

EAST PUERTO CHIQUITO MANCOS UNIT  
STATUS OF WELLS

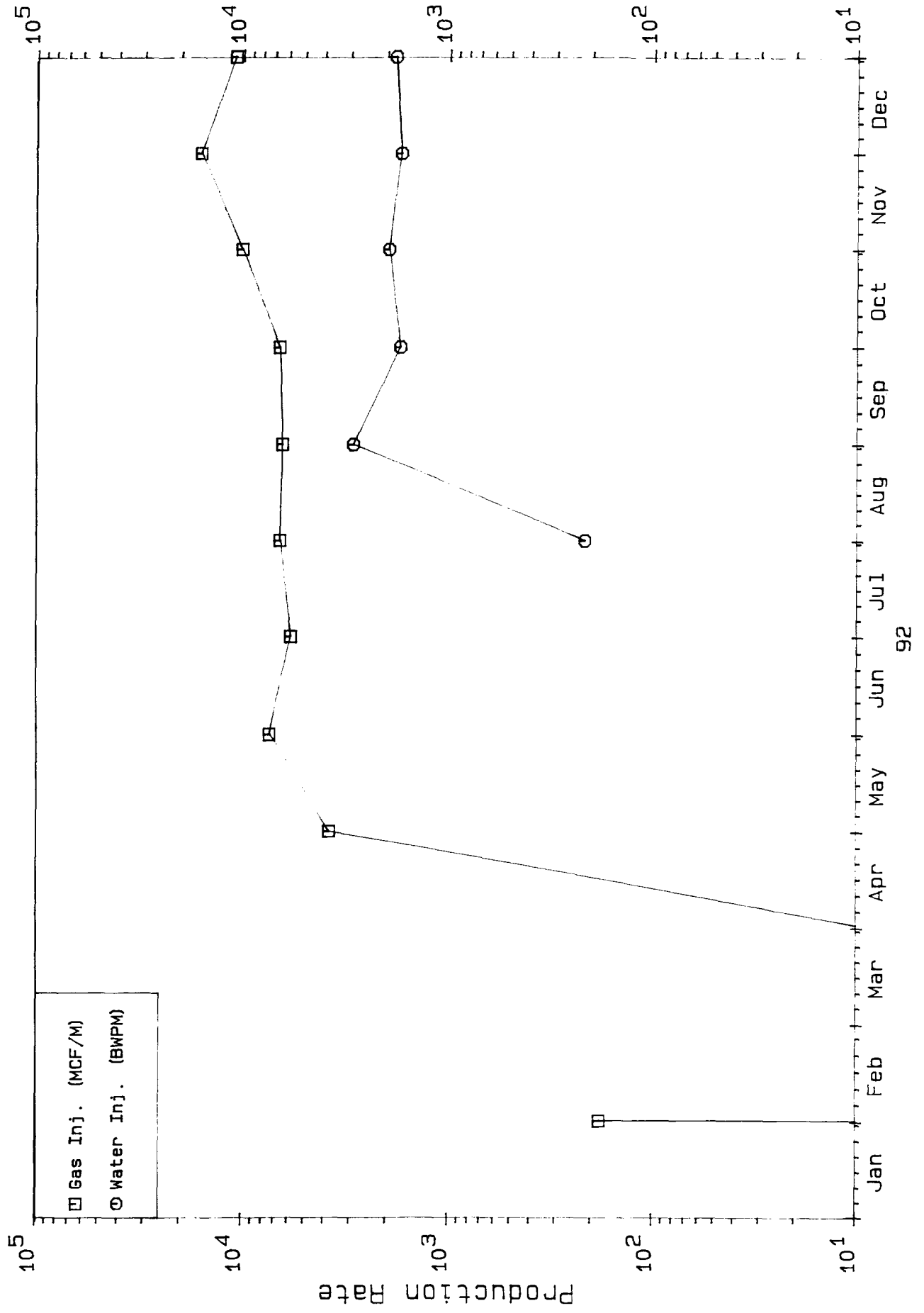
# 1 (L-29)	SW/SW	29-27N-1E	Plugged and Abandoned.
# 2 (G-29)	SW/NE	29-27N-1E	Gas Injection well.
# 3 (C-29)	NE/NW	29-27N-1E	SI - to be put on production by gas lift.
# 4 (K-29)	SE/SW	29-27N-1E	SI - to be put on production by gas lift.
# 5 (A-29)	NE/NE	29-27N-1E	SI - to be put on production by gas lift.
# 6 (I-29)	SE/SE	29-27N-1E	Plugged and Abandoned.
# 7 (N-20)	SE/SW	20-27N-1E	Shut in.
# 8 (P-19)	SE/SE	19-27N-1E	SI - to be put on production by gas lift.
# 9 (H-30)	SE/NE	30-27N-1E	Producing, to be put on production by gas lift.
#10 (H-20)	SE/NE	20-27N-1E	SI - to be put on production by gas lift.
#11 (P-20)	SE/SE	20-27N-1E	SI - to be put on production by gas lift.
#12 (H-19)	SE/NE	19-27N-1E	Producing.
#13 (F-30)	SE/NW	30-27N-1E	Producing.
#14 (N-19)	SE/SW	19-27N-1E	Producing.
#15 (M-21)	SW/SW	21-27N-1E	SI - to be put on production by gas lift.
#16 (C-28)	NE/NW	28-27N-1E	Shut in.
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#20 (D-4)	NW/NW	4-26N-1E	Plugged and Abandoned.
#21 (B-5)	NW/NE	5-26N-1E	SI - to be put on production by gas lift.
#22 (C-5)	NE/NW	5-26N-1E	SI - to be put on production by gas lift.
#23 (H-6)	SE/NE	6-26N-1E	Shut in.
#24 (F-6)	SE/NW	6-26N-1E	Water injection well.
#25 (I-6)	NE/SE	6-26N-1E	SI - to be put on production by gas lift.
#26 (F-5)	SE/NW	5-26N-1E	Plugged and Abandoned.
#27 (H-5)	SE/NE	5-26N-1E	Shut in.
#28 (D-9)	NW/NW	9-26N-1E	Shut in.
#29 (F-9)	SE/NW	9-26N-1E	Shut in.
#30 (I-8)	NE/SE	8-26N-1E	Producing.
#31 (P-9)	SE/SE	9-26N-1E	Shut in.
#32 (H-16)	SE/NE	16-26N-1E	Shut in.
#33 (P-5)	SE/SE	5-26N-1E	Temporarily abandoned.
#34 (K-5)	NE/SW	5-26N-1E	SI - to be reworked.
#35 (M-9)	SW/SW	9-26N-1E	Temporarily abandoned.
#36 (J-7)	NW/SE	7-26N-1E	Not drilled - location only.
#37 (C-8)	NE/NW	8-26N-1E	Shut in.
#38 (H-8)	SE/NE	8-26N-1E	Producing.
#39 (E-21)	SW/NW	21-27N-1E	Shut in.
#40 (E-19)	SW/NW	19-27N-1E	Shut in.
#41 (F-20)	SE/NW	20-27N-1E	SI - to be put on production by gas lift.
#42 (O-21)	SW/SE	21-27N-1E	Temporarily abandoned.
#43 (L-28)	SW/SW	28-27N-1E	Plugged and Abandoned.
#44 (P-18)	SE/SE	18-27N-1E	Plugged and Abandoned.

# EAST PUERTO CHIQUITO MANCOS UNIT 1992 PRODUCTION





# EAST PUERTO CHIQUITO MANCOS UNIT 1992 GAS AND WATER INJECTION



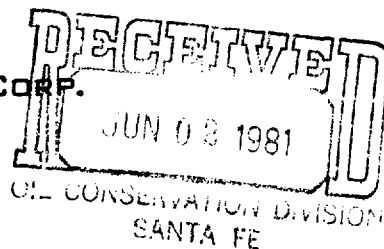
SCHEDULE II

EAST PUERTO CHIQUEITO MANCOS UNIT  
1992 PRODUCTION STATISTICS

	<u>Cil</u> (EOPM)	<u>Gas</u> (MCF/M)	<u>Water</u> (BWPM)	<u>Gas</u> <u>Injection</u> (MCF/M)	<u>Water</u> <u>Injection</u> (BWPM)
January	1569	355	30	182	0
February	0	0	0	0	0
March	1019	67	0	0	0
April	1845	3950	86	3786	0
May	3472	7679	115	7414	0
June	1921	6119	0	5841	0
July	988	6824	2	6597	217
August	2817	6685	2909	6435	2909
September	3380	6913	1724	6637	1724
October	2557	10400	1965	10121	1965
November	2299	16343	1713	16085	1713
December	<u>1994</u>	<u>11193</u>	<u>1830</u>	<u>10932</u>	<u>1830</u>
Total	23861	76528	10374	74030	10358
Cum. Since 5/81	581504	371264	39112	128396	10358

**BENSON-MONTIN-GREER DRILLING CORP.**

221 PETROLEUM CENTER BUILDING  
FARMINGTON, NEW MEXICO 87401  
PHONE: 325-8874



June 1, 1981

Deputy Conservation Manager  
U. S. Department of the Interior  
Geological Survey  
P. O. Box 26124  
Albuquerque, NM 87125

6943

Re: EAST PUERTO CHIQUITO MANCOS UNIT  
RIO ARriba COUNTY, NEW MEXICO:  
EFFECTIVE IN ACCORDANCE WITH ITS  
TERMS

Dear Sir:

You are hereby advised that the East Puerto Chiquito Mancos Unit Agreement has become effective according to its terms. Copy of Certificate of Effectiveness is enclosed herewith for your records.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

cc: New Mexico Oil Conservation Division  
Box 2088  
Santa Fe, NM 87501

cc: Jicarilla Tribal Council  
P. O. Box 507  
Dulce, NM 87528

cc: Bureau of Indian Affairs  
P. O. Box 147  
Dulce, NM 87528

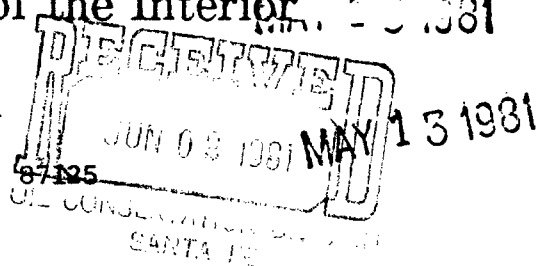
cc: Working Interest Owners, Royalty Owners & Overriding Royalty  
owners, East Puerto Chiquito Mancos Unit

Enclosure



# United States Department of the Interior

GEOLOGICAL SURVEY  
South Central Region  
P. O. Box 26124  
Albuquerque, New Mexico 87125



30 APR 1981

Benson-Montin-Greer Drilling Corp.  
Attention: Abert R. Greer  
221 Petroleum Center Building  
Farmington, New Mexico 87401

Gentlemen:

Enclosed is one approved copy of the East Puerto Chiquito Mancos unit agreement, Rio Arriba County, New Mexico, which has been designated No. 14-08-0001-19561. After completing the requirements of Article 23 of the unit agreement, please furnish this office with appropriate evidence that the unit has become effective in accordance with the terms thereof. You are requested to provide the Oil Conservation Division of the State of New Mexico and all other interested parties with appropriate evidence of this approval.

Sincerely yours,

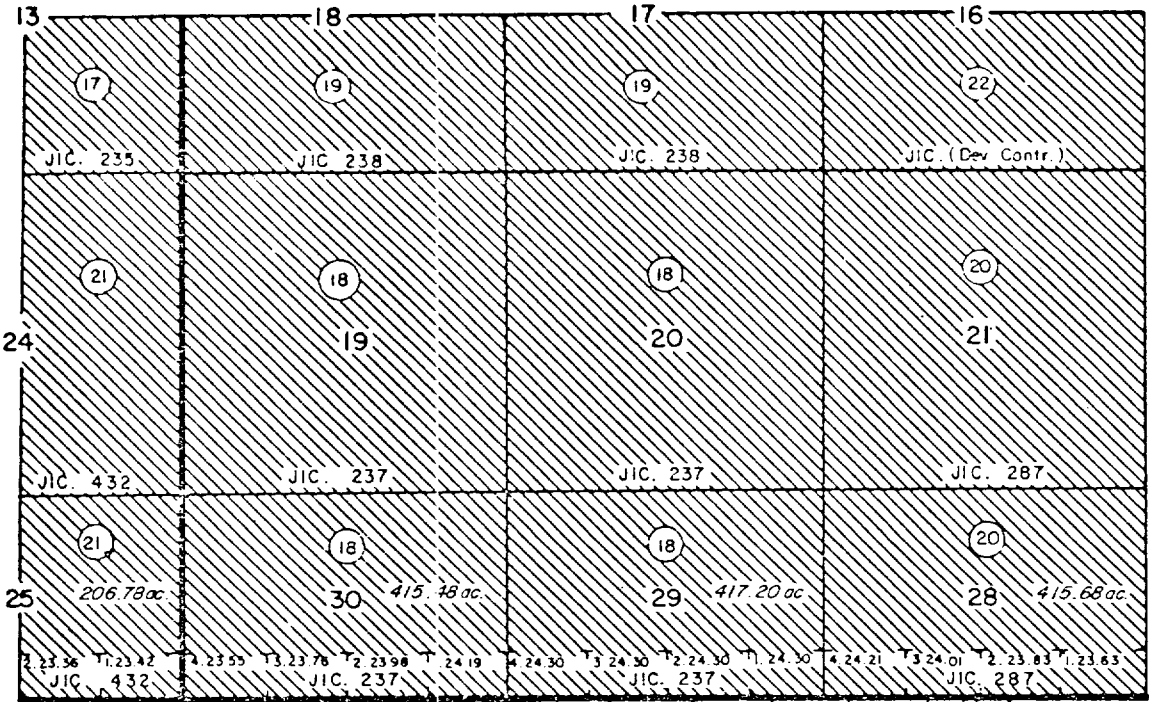
Gene F. Daniel  
Deputy Conservation Manager  
Oil and Gas

Enclosure

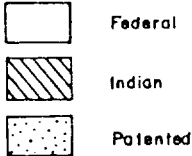
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LEGEND



LANDS BY CLASSIFICATION

Federal Acreage	4,274.85	43.76%
Indian Acreage	4,815.14	49.29
Fee Acreage	679.03	6.95
Total Acreage	9,769.02	100.00%

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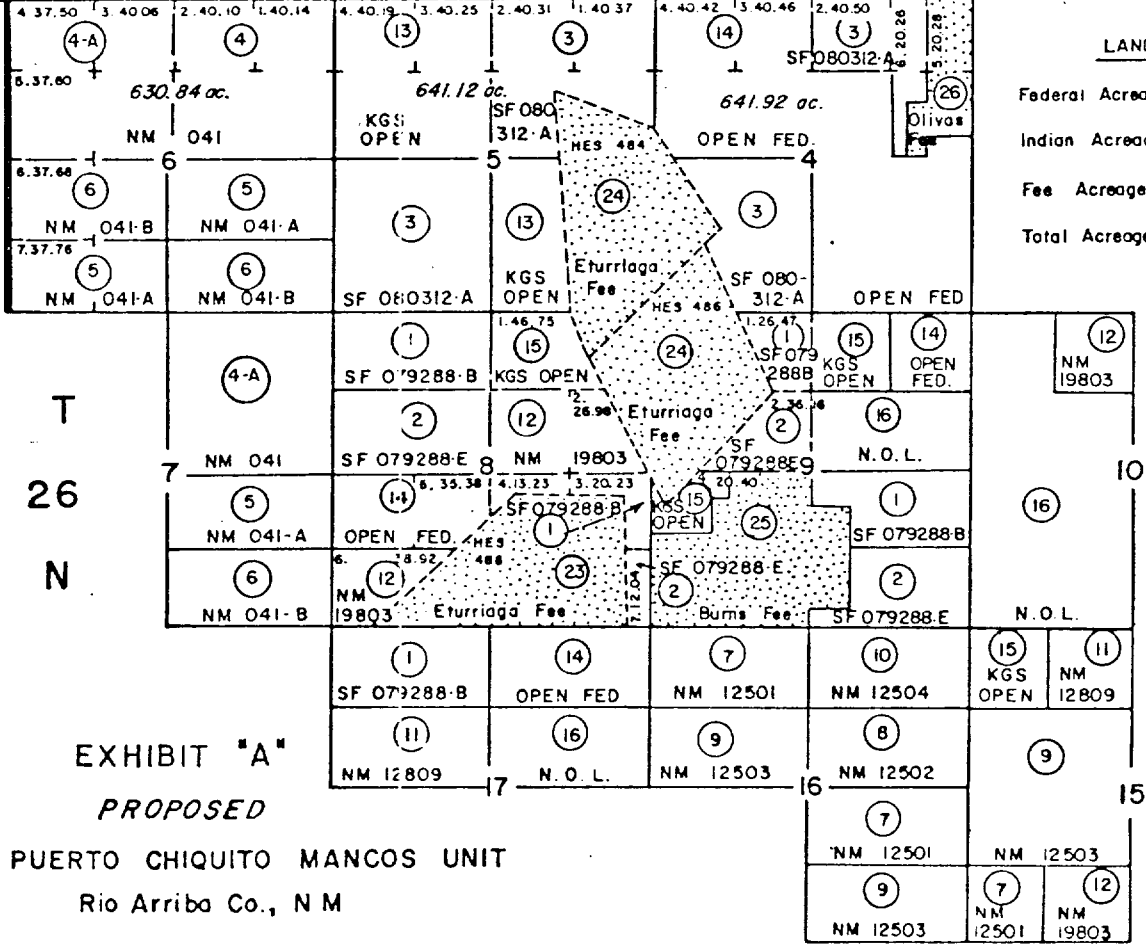


EXHIBIT "A"  
PROPOSED

EAST PUERTO CHIQUITO MANCOS UNIT  
Rio Arriba Co., NM

June 1, 1980

Benson - Montin - Greer Drilling Corp.

Revised: July 7, 1980



# United States Department of the Interior

GEOLOGICAL SURVEY

South Central Region

P. O. Box 26124

Albuquerque, New Mexico 87125

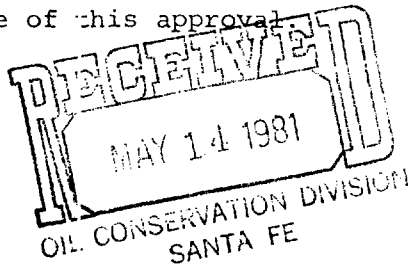
30 APR 1981

6943

Benson-Montir-Greer Drilling Corp.  
Attention: Abert R. Greer  
221 Petroleum Center Building  
Farmington, New Mexico 87401

Gentlemen:

Enclosed is one approved copy of the East Puerto Chiquito Mancos unit agreement, Rio Arriba County, New Mexico, which has been designated No. 14-08-0001-19561. After completing the requirements of Article 23 of the unit agreement, please furnish this office with appropriate evidence that the unit has become effective in accordance with the terms thereof. You are requested to provide the Oil Conservation Division of the State of New Mexico and all other interested parties with appropriate evidence of this approval.



Sincerely yours,

(ORIG. SGD.) GENE F. DANIEL

Gene F. Daniel  
Deputy Conservation Manager  
Oil and Gas

Enclosure

cc:

BLM, Santa Fe (w/cy appl.)

NMOCD, Santa Fe (ltr only)

BIA, Area Director, Albuquerque (w/cy appl.)

Farmington District Supervisor (w/cy appl.)



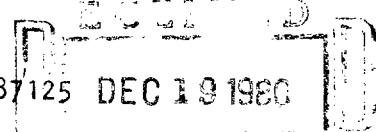
# United States Department of the Interior

GEOLOGICAL SURVEY

South Central Region

P. O. Box 26124

Albuquerque, New Mexico 87125



OIL CONSERVATION DIVISION  
DEC 18 1980 SANTA FE

Benson-Montin-Greer  
Attention: Mr. Albert R. Greer  
221 Petroleum Center Building  
Farmington, New Mexico 87401

443

Gentlemen:

Your application of July 10, 1980 filed with the U. S. Geological Survey, Albuquerque, New Mexico, requests the designation of the East Puerto Chiquito Mancos unit area embracing 9,769.02 acres, more or less, Rio Arriba County, New Mexico, as logically subject to operation under the unitization provisions of the Mineral Leasing Act, as amended.

Pursuant to unit plan regulations 30 CFR 226, the land requested as outlined on your plat marked "Exhibit 'A', East Puerto Chiquito Mancos Unit, Rio Arriba County, New Mexico", is hereby designated as a logical unit area.

Your proposed form of unit agreement with the indicated changes will be acceptable. One copy of the marked form is enclosed.

1. Under Section 1, "Enabling Act and Regulations", add the following statement:

"The Indian Tribal and Allotted Leasing Acts, supra, and all valid pertinent regulations, including operating and unit plan regulation, heretofore issued thereunder or valid pertinent and reasonable regulations hereafter issued thereunder are accepted and made a part of this agreement as to Indian lands, provided such regulations are not inconsistent with the terms of this agreement."

2. Under Section 2, subsection (g), of the unit agreement, make changes as noted on your copy of the agreement.

3. Under Section 4, "Expansion", first paragraph, fourth line, delete the words, "or contraction".

4. Add the following section entitled, "Resignation or Removal of Unit Operator", as Section 7 and renumber the sections following it:

"Unit Operator shall have the right to resign at any time, but such resignation shall not become effective so as to release Unit Operator from the duties and obligations of Unit Operator and terminate Unit Operator's rights as such for a period of six (6) months



after written notice of intention to resign has been given by Unit Operator to all Working Interest Owners, and Deputy, unless a new Unit Operator shall have taken over and assumed the duties and obligations of Unit Operator prior to the expiration of said period. The resignation or removal of Unit Operator shall not release Unit Operator from any liability for any default by it hereunder occurring prior to the effective date of its resignation or removal.

The Unit Operator shall be subject to removal by Working Interest Owners having in the aggregate seventh-five percent (75%) or more Unit Participation then in effect exclusive of the Working Interest Owner who is the Unit Operator. Such removal shall be effective upon notice thereof to the Deputy.

In all such instances of effective resignation or removal, until a successor to Unit Operator is selected and approved as hereinafter provided, the Working Interest Owners shall be jointly responsible for the performance of the duties of the Unit Operator and shall, not later than thirty (30) days before such resignation or removal becomes effective, appoint a Unit Manager to represent them in any action to be taken hereunder.

The resignation or removal of Unit Operator under this Agreement shall not terminate its right, title or interest as the owner of a Working Interest or other interest in Unitized Substances, but upon the resignation or removal of Unit Operator becoming effective, such Unit Operator shall deliver possession of all wells, equipment, books and records, materials, appurtenances and any other assets used in connection with the Unit Operations and owned by the Working Interest Owners to the new duly qualified successor Unit Operator or to the Unit Manager if no such new Unit Operator is elected, to be used for the purpose of conducting Unit Operations hereunder. Nothing herein shall be construed as authorizing the removal of any material, equipment or appurtenances needed for the preservation of any wells. Nothing herein contained shall be construed to relieve or discharge any Unit Operator or Unit Manager who resigns or is removed hereunder from any liability or duties accruing or performable by it prior to the effective date of such resignation or removal."

5. Rewrite Section 7, "Successor Unit Operator", as follows:

"Whenever the Unit Operator shall tender its resignation as Unit Operator or shall be removed as hereinabove provided, the Working Interest Owners shall select a successor Unit Operator as herein provided. Such selection shall not become effective until (a) a Unit Operator so selected shall accept in writing the duties and responsibilities Unit Operator, and (b) the selection shall have been approved by the Deputy. If no successor Unit Operator or Unit Manager is selected and qualified as herein provided, the Director at his election may declare this Agreement terminated.

In selecting a successor Unit Operator, the affirmative vote of three or more Working Interest Owners having a total of sixty-five percent (65%) or more of the total Unit Participation shall prevail; provided that if any one Working Interest Owner has a Unit Participation of more than thirty-five percent (35%), its negative vote or failure to vote shall not be regarded as sufficient unless supported by the vote of one or more other Working Interest Owners having a total Unit Participation of at least five percent (5%). If the Unit Operator who is removed votes only to succeed itself or fails to vote, the successor Unit Operator may be selected by the affirmative vote of the owners of at least seventy-five percent (75%) of the Unit Participation remaining after excluding the Unit Participation of the Unit Operator so removed."

6. Section 31 and Section 33 should be changed to reflect the changes made in your copy of the unit agreement.

7. Add the following section entitled "Indian Employment":

"The Unit Operator shall comply with the terms and conditions of the leases on Indian lands with respect to the employment of available Indian labor while engaged in operations hereunder."

If conditions are such that further modification of said standard form is deemed necessary, three copies of the proposed modifications with appropriate justification must be submitted to this office through the Deputy Conservation Manager for preliminary approval.

In the absence of any other type of land requiring special provisions or of any objections not now apparent, a duly executed agreement identical with said form, modified as indicated, will be approved if submitted in approvable status within a reasonable period of time. However, notice is hereby given that the right is reserved to deny approval of any executed agreement submitted which in our opinion does not have the full commitment of sufficient lands to afford effective control of operations in the unit area.

When the executed agreement is transmitted to Albuquerque, New Mexico for the Deputy's approval, include the latest status of all acreage. In preparation of Exhibits "A" and "B", follow closely the format of the sample exhibits attached to the standard form of unit agreement for unproved areas (1968 reprint).

Sincerely yours,

(ORIG. SGD.) JAMES W. SUTHERLAND

James W. Sutherland  
Conservation Manager

Enclosures

cc:

NMOCD, Santa Fe (ltr only)



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR  
LARRY KEHOE  
SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

August 6, 1980

Mr. Thomas Kellahin  
Kellahin & Kellahin  
Attorneys at Law  
Post Office Box 1769  
Santa Fe, New Mexico

Re: CASE NO. 6943  
ORDER NO. R-6409

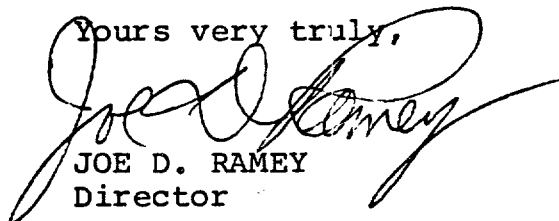
Applicant:

Benson-Montin-Greer Drilling Corp.

Dear Sir:

Enclosed herewith are two copies of the above-referenced  
Division order recently entered in the subject case.

Yours very truly,

  
JOE D. RAMEY  
Director

JDR/fd

Copy of order also sent to:

Hobbs OCD x  
Artesia OCD x  
Aztec OCD x

Other \_\_\_\_\_  
\_\_\_\_\_



LINER AND MINERAL DEPARTMENT  
OIL CONSERVATION DIVISION

TONEY ANAYA  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

May 9, 1984

# ~~12~~  
6943

Benson-Montin-Greer  
Drilling Corp.  
221 Petroleum Center Bldg.  
Farmington, NM 87401

Attention: Albert R. Greer

Re: EAST PUERTO CHIQUITO  
MANCOS UNIT: 1984  
PLAN OF DEVELOPMENT

Dear Mr. Greer:

The above referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

ROY E. JOHNSON  
Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe  
Bureau of Land Management - Albuquerque  
OCD District Office - Aztec

Benson-Montin-Greer Drilling Corporation  
Attention: Mr. Albert R. Greer  
221 Petroleum Center Building  
Farmington, NM 87401

MAY 23 1984

Dear Mr. Greer:

This office has received your 1984 Plan of Development for the East Puerto Chiquito Mancos Unit which proposes the completion of the following wells:

- No. 33 (P-5): SE $\frac{1}{4}$  Section 5, T. 26 N., R. 1 E.
- No. 34 (K-5): SW $\frac{1}{4}$  Section 5, T. 26 N., R. 1 E.
- No. 35 (M-9): SW $\frac{1}{4}$  Section 9, T. 26 N., R. 1 E.
- No. 37 (C-8): NW $\frac{1}{4}$  Section 8, T. 26 N., R. 1 E.
- No. 38 (H-8): NE $\frac{1}{4}$  Section 8, T. 26 N., R. 1 E.

Also proposed for the calendar year of 1984 is the injection of pre-flush water. This Plan of Development is hereby approved. You are requested to furnish all interested principals with appropriate evidence of this approval.

Sincerely yours,

(ORIG. SGD.) JAMES W. SHELTON

For District Manager

Enclosures

cc:  
Micrographics  
NMOCD ✓  
Commissioner Public Lands  
Fluids Section (FRAI w/encl.)  
File: East Puerto Chiquito Mancos Unit-POD file  
O&G Chrono

015:JGilmore:ir:05/21/84:0269B

*BENSON-MONTIN-GREER DRILLING CORP.*

221 PETROLEUM CENTER BUILDING, FARMINGTON, NM. 87401 505-325-8874

April 28, 1984

U.S. Department of the Interior  
Bureau of Land Management  
P.O. Box 6770  
Albuquerque, NM 37107

Attention: Jim Shelton

✓ New Mexico Energy and Minerals Department  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501

Attention: Joe D. Ramey

Bureau of Indian Affairs  
Jicarilla Agency  
P.O. Box 167  
Dulce, NM 87528

Attention: Perry D. Parton  
Superintendent

Re: EAST PUERTO CHIQUITO MANCOS UNIT:  
1984 PLAN OF DEVELOPMENT

Gentlemen:

We are submitting to you now for your review our proposed Plan of Development for the work year 1984 which will be from May 1, 1984 to April 30, 1985.

Under the plan work has continued on the gas gathering, system, gas lift system, gas injection system, water gathering system and water injection system during 1983. In addition the following wells were drilled:

- #33 (P-5): SE/4 Section 5, T-26N, R-1E.
- #34 (K-5): SW/4 Section 5, T-26N, R-1E.
- #35 (M-9): SW/4 Section 9, T-26N, R-1E.
- #37 (C-8): NW/4 Section 8, T-26N, R-1E.
- #38 (H-8): NE/4 Section 8, T-26N, R-1E.

*BENSON-MONTIN-GREER DRILLING CORP.*

Bureau of Land Management  
New Mexico Oil Conservation Division  
Bureau of Indian Affairs

Page No. 2  
April 28, 1984

All of the above wells are in various stages of testing and completion; such work is anticipated to be finished in work year 1984 so that these wells will all be on production.


We hope to commence injection of pre-flush water this year with first injection of chemical to be commenced in 1985.

We hereby respectfully request your approval of this 1984 Plan of Development.

Yours truly,

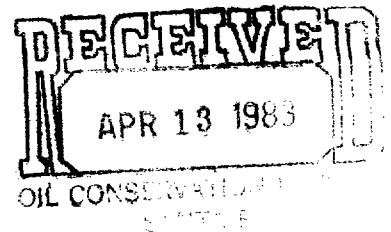
BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

ARG/tlp

cc: Working Interest Owners



Case  
6943

APR 12 1983

Benson-Montin-Greer Drilling Corp.  
Attention: Albert R. Greer  
221 Petroleum Center Building  
Farmington, New Mexico 87401

Gentlemen:

An ~~approved~~ copy of your amended 1983 Plan of Development for the East  
Puerto Chiquito Mancos Unit Area, Rio Arriba County, New Mexico, is  
enclosed. Such plan, proposing to drill five additional wells in 1983,  
was approved on this date subject to like approval by the appropriate  
officials of the State of New Mexico.

Sincerely yours,

(SIGNED) JAMES A. GILTON

Assistant District Manager  
for Minerals

Enclosure

cc:  
BIA, Jicarilla Agency  
NMOCB  
Farmington (w/encl)  
File: East Puerto Chiquito Mancos  
O&G Chrono

RAKent:bm 4-8-83





STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING  
GOVERNOR

August 7, 1992

ANITA LOCKWOOD  
CABINET SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87304  
(505) 827-5800

Benson-Montin-Greer Drilling Corporation  
221 Petroleum Center Building  
Farmington, New Mexico 87401

Attention: Albert R. Greer  
President

Re: East Puerto Chiquito  
Maximum Surface Pressure  
for Water Injection

Dear Mr. Greer,

Reference is made to your letter dated July 30, 1992, requesting an injection pressure increase for the above mentioned East Puerto Chiquito Unit.

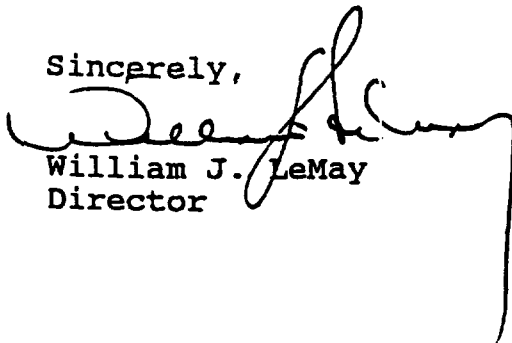
Allow me to point out as per Division Order No. R-6448, which authorized the subject pressure maintenance project, that the pressure you are requesting is indeed authorized.

Rule No. 8 of Order R-6448 allows for .2 psi per foot of depth to the injection zone for water or water/chemical injection.

The 500 psi limit applies only to gas injection.

The maximum pressure of 720 psi (.2 psi X 3600 feet), is hereby verified by the Division.

Sincerely,



William J. LeMay  
Director

WJL/BS/jc

cc: File R-6448

#6943

**BENSON-MONTIN-GREER DRILLING CORP.**

221 PETROLEUM CENTER BUILDING, FARMINGTON, NM. 87401 505-325-8874

March 18, 1991

3-21-91  
D-Unit letter  
Tuc 127

U.S. Department of the Interior  
Bureau of Land Management  
1235 La Plata Highway  
Farmington, NM 87401  
Attention: John Keller  
Chief, Branch of Minerals

New Mexico Commissioner of Public Lands  
State Land Office  
P.O. Box 1148  
Santa Fe, NM 87501  
Attention: Floyd O. Prando, Director  
Oil and Gas Division

✓ New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501  
Attention: Roy E. Johnson  
Senior Petroleum Geologist

Re: EAST PUERTO CHIQUITO MANCOS  
UNIT: 1991 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 1991.

1. Summary of Operations:

No changes have been made in the geologic interpretations, wells or participating area boundaries, so no new maps are submitted.

Gas injection was commenced in December 1988 and is continuing intermittently. Two wells were plugged in 1990: #6 (I-19) and #44 (P-18).

2. Listing of status of all wells:

*BENSON-MONTIN-GREER DRILLING CORP.*

Bureau of Land Management  
New Mexico Commissioner of Public Lands  
New Mexico Oil Conservation Division

Page No. 2  
March 18, 1991

Schedule I. Listing of status of all wells is enclosed here as

3. Performance curves:

Production curves, along with injectivity, are also enclosed.

4. Plans for development:

As noted last year, we plan to extend the gas gathering system. Inasmuch as the Jicarilla Tribe has failed to approve right-of-way across the Jicarilla lands, we are planning on an alternate method of extending the gas gathering system. This plan has been submitted as a Sundry Notice. We expect it to be in operation this year.

5. Effectiveness of enhanced recovery project:

Set out on Schedule II are current and cumulative oil, gas and water production and gas injection rates.

We hereby respectfully request your approval of this 1991 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer President

ARG/tlp

Enclosures

## SCHEDULE I

### EAST PUERTO CHIQUITO MANCOS UNIT STATUS OF WELLS

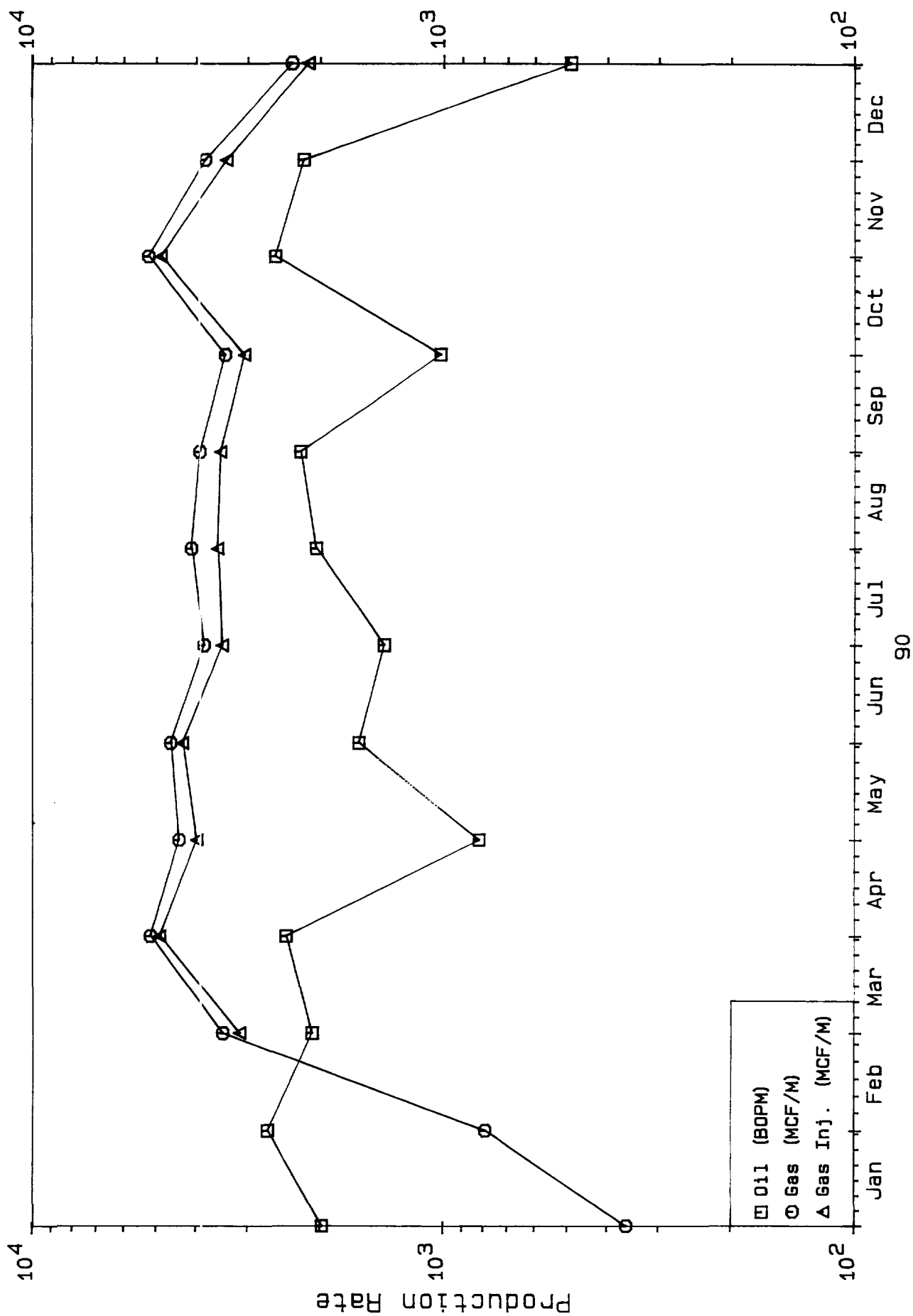
# 1	(L-29)	SW/SW	29-27N-1E	Plugged and Abandoned.
# 2	(G-29)	SW/NE	29-27N-1E	Gas Injection well.
# 3	(C-29)	NE/NW	29-27N-1E	SI - to be put on production by gas lift.
# 4	(K-29)	SE/SW	29-27N-1E	SI - to be put on production by gas lift.
# 5	(A-29)	NE/NE	29-27N-1E	SI - to be put on production by gas lift.
# 6	(I-29)	SE/SE	29-27N-1E	Plugged and Abandoned.
# 7	(N-20)	SE/SW	20-27N-1E	Producing.
# 8	(P-19)	SE/SE	19-27N-1E	SI - to be put on production by gas lift.
# 9	(H-30)	SE/NE	30-27N-1E	Producing, to be put on production by gas lift.
#10	(H-20)	SE/NE	20-27N-1E	SI - to be put on production by gas lift.
#11	(P-20)	SE/SE	20-27N-1E	SI - to be put on production by gas lift.
#12	(H-19)	SE/NE	19-27N-1E	Producing.
#13	(F-30)	SE/NW	30-27N-1E	Producing.
#14	(N-19)	SE/SW	19-27N-1E	Producing.
#15	(M-21)	SW/SW	21-27N-1E	SI - to be put on production by gas lift.
#16	(C-28)	NE/NW	28-27N-1E	Shut in.
#17	(O-17)	SW/SE	17-27N-1E	SI - to be put on production by gas lift.
#18	(P-13)	SE/SE	13-27N-1W	SI - preparing to convert to water injection.
#19	(H-25)	SE/NE	25-27N-1W	SI - preparing to convert to water injection.
#20	(D-4)	NW/NW	4-26N-1E	Plugged and Abandoned.
#21	(B-5)	NW/NE	5-26N-1E	SI - to be put on production by gas lift.
#22	(C-5)	NE/NW	5-26N-1E	SI - to be put on production by gas lift.
#23	(H-6)	SE/NE	6-26N-1E	Producing.
#24	(F-6)	SE/NW	6-26N-1E	SI - preparing to convert to water injection.
#25	(I-6)	NE/SE	6-26N-1E	SI - to be put on production by gas lift.
#26	(F-5)	SE/NW	5-26N-1E	Plugged and Abandoned.
#27	(H-5)	SE/NE	5-26N-1E	Shut in.
#28	(D-9)	NW/NW	9-26N-1E	Shut in.
#29	(F-9)	SE/NW	9-26N-1E	Shut in.
#30	(I-8)	NE/SE	8-26N-1E	Producing.
#31	(P-9)	SE/SE	9-26N-1E	Shut in.
#32	(H-16)	SE/NE	16-26N-1E	Shut in.
#33	(P-5)	SE/SE	5-26N-1E	Temporarily abandoned.
#34	(K-5)	NE/SW	5-26N-1E	SI - to be reworked.
#35	(M-9)	SW/SW	9-26N-1E	Temporarily abandoned.
#36	(J-7)	NW/SE	7-26N-1E	Not drilled - location only.
#37	(C-8)	NE/NW	8-26N-1E	Shut in.
#38	(H-8)	SE/NE	8-26N-1E	Producing.
#39	(E-21)	SW/NW	21-27N-1E	Shut in.
#40	(E-19)	SW/NW	19-27N-1E	Shut in.
#41	(F-20)	SE/NW	20-27N-1E	SI - to be put on production by gas lift.
#42	(O-21)	SW/SE	21-27N-1E	Temporarily abandoned.
#43	(L-28)	SW/SW	28-27N-1E	Plugged and Abandoned.
#44	(P-18)	SE/SE	18-27N-1E	Plugged and Abandoned.

SCHEDULE II

EAST PUERTO CHIQUITO MANCOS UNIT  
1990 PRODUCTION STATISTICS

	<u>Oil</u> (BOPM)	<u>Gas</u> (MCF/M)	<u>Water</u> (BWPM)	<u>Gas</u> <u>Injection</u> (MCF/M)
January	2673	788	96	0
February	2084	3436	78	3128
March	2410	5149	89	4888
April	817	4390	26	3974
May	1610	4611	79	4312
June	1397	3832	47	3460
July	2044	4109	73	3547
August	2232	3917	83	3492
September	1017	3407	42	3061
October	2571	5222	80	4873
November	2196	3810	75	3386
December	<u>492</u>	<u>2340</u>	<u>25</u>	<u>2138</u>
Total	21543	45011	793	40259
Cum. Since 5/81	540700	251866	28529	88370

# EAST PUERTO CHIQUITO MANCOS UNIT 1990 PRODUCTION



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

#6943

GARREY CARRUTHERS  
GOVERNOR

March 1, 1990

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

Benson-Montin-Greer  
Drilling Corp.  
221 Petroleum Center Building  
Farmington, New Mexico 87401

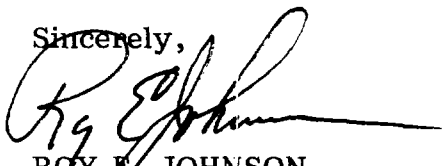
Attention: Albert R. Greer

Re: East Puerto Chiquito Mancos Unit  
1990 Plan of Development

Gentlemen:

The above-referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,



ROY E. JOHNSON,  
Senior Petroleum Geologist

REJ/dr

cc: Commissioner of Public Lands  
Bureau of Land Management

NEW MEXICO OIL CONSERVATION DIVISION  
BENSON-MONTIN-GREER DRILLING CORP.

'90 FEB 29 AM 9 59

221 PETROLEUM CENTER BUILDING, FARMINGTON, NM. 87401 505-325-8874

February 28, 1990

U.S. Department of the Interior  
Bureau of Land Management  
1235 La Plata Highway  
Farmington, NM 87401

New Mexico Commissioner of Public Lands  
State Land Office  
P.O. Box 1148  
Santa Fe, NM 87504-1148

→ New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501

3-1-90  
D-unit letter  
The Ry

Re: EAST PUERTO CHIQUITO MANCOS UNIT  
1990 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 1990.

1. Summary of Operations:

No changes have been made in the geologic interpretations, wells or participating area boundaries, so no new maps are submitted.

Gas injection was commenced in December 1988 and is continuing. Two wells were plugged in 1989: #26 F-5 and #20 D-4.

2. Listing of status of all wells:

Listing of status of all wells is enclosed here as Schedule I.

3. Performance curves:

Production curves, along with injectivity, are also enclosed.

...



*BENSON-MONTIN-GREER DRILLING CORP.*

Bureau of Land Management  
New Mexico Commissioner of Public Lands  
New Mexico Oil Conservation Division

Page No. 2  
February 28, 1990

4. Plans for development:

A large number of wells within the unit are still shut in pending connection to the gas gathering system. Operations were commenced for expansion of the gas gathering system. An environmental impact statement was prepared and approved by the Forest Service and the Bureau of Land Management; however operations have been blocked by the Jicarilla Tribe failing to approve right-of-way for the expansion of the gas gathering system. As soon as the Tribal approval is received, we will proceed.

5. Effectiveness of enhanced recovery project:

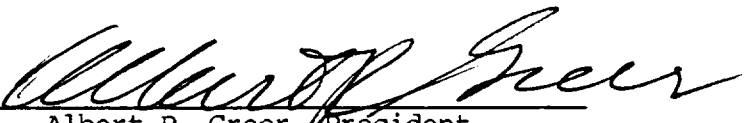
Set out on Schedule II are current and cumulative oil, gas and water production and gas injection rates.

We hereby respectfully request your approval of this 1990 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

ARG/tlp

Enclosures

SCHEDULE I

EAST PUERTO CHIQUITO MANCOS UNIT  
STATUS OF WELLS

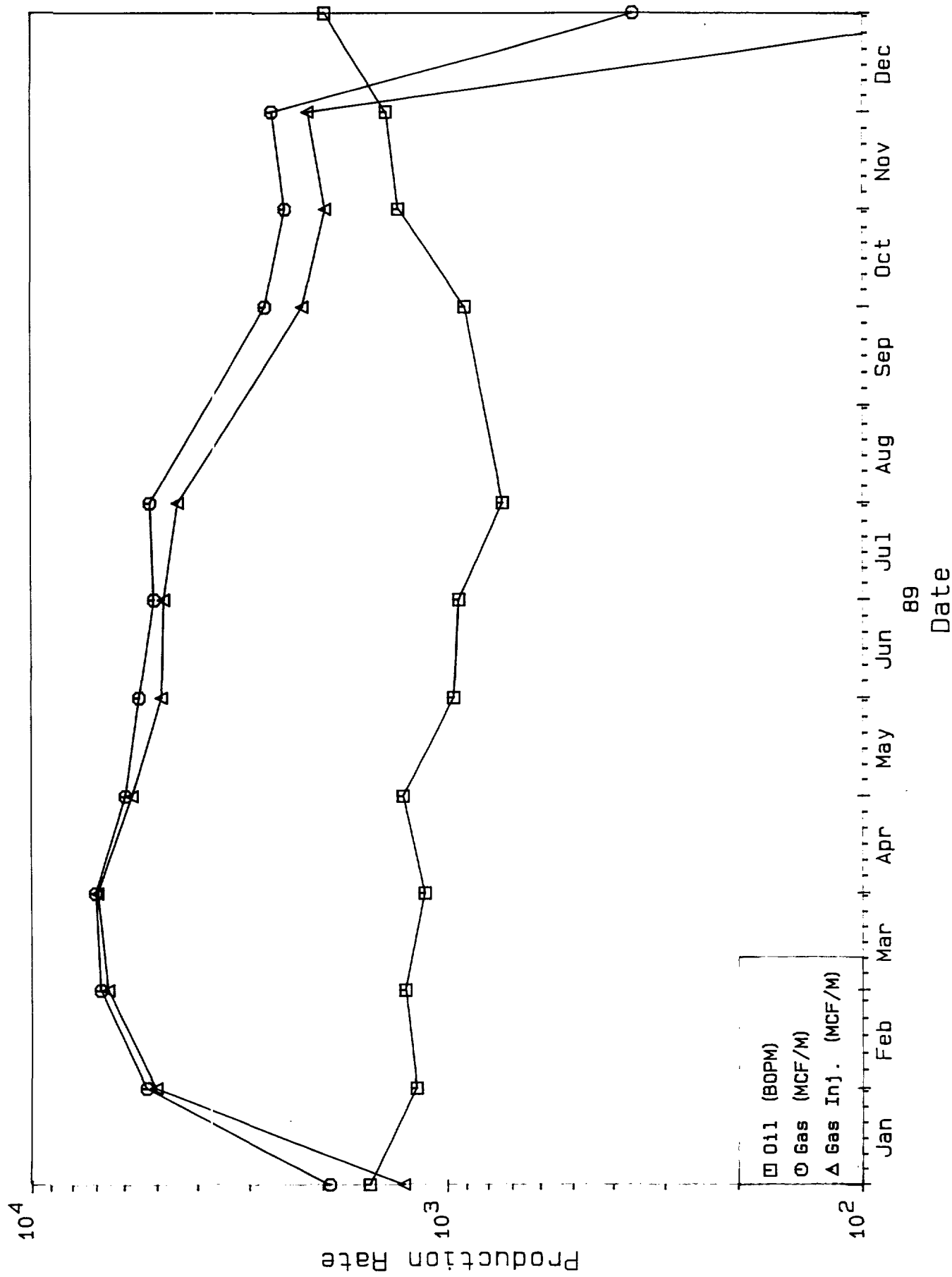
1 (L-29)	SW/SW 29-27N-1E	Plugged and Abandoned.
2 (G-29)	SW/NE 29-27N-1E	Gas Injection well.
3 (C-29)	NE/NW 29-27N-1E	SI - to be put on production by gas lift.
4 (K-29)	SE/SW 29-27N-1E	SI - to be put on production by gas lift.
5 (A-29)	NE/NE 29-27N-1E	SI - to be put on production by gas lift.
6 (I-29)	SE/SE 29-27N-1E	Plugged and Abandoned.
7 (N-20)	SE/SW 20-27N-1E	Producing.
8 (P-19)	SE/SE 19-27N-1E	SI - to be put on production by gas lift.
9 (H-30)	SE/NE 30-27N-1E	Producing, to be put on production by gas lift.
10 (H-20)	SE/NE 20-27N-1E	SI - to be put on production by gas lift.
11 (P-20)	SE/SE 20-27N-1E	SI - to be put on production by gas lift.
12 (H-19)	SE/NE 19-27N-1E	Producing.
13 (F-30)	SE/NW 30-27N-1E	Producing.
14 (N-19)	SE/SW 19-27N-1E	SI - mechanical difficulties. To be returned to production in 1989.
15 (M-21)	SW/SW 21-27N-1E	SI - to be put on production by gas lift.
16 (C-28)	NE/NW 28-27N-1E	Shut in.
17 (O-17)	SW/SE 17-27N-1E	SI - to be put on production by gas lift.
18 (P-13)	SE/SE 13-27N-1W	SI - preparing to convert to water injection.
19 (H-25)	SE/NE 25-27N-1W	SI - preparing to convert to water injection.
20 (D-4)	NW/NW 4-26N-1E	Plugged and Abandoned.
21 (B-5)	NW/NE 5-26N-1E	SI - to be put on production by gas lift.
22 (C-5)	NE/NW 5-26N-1E	SI - to be put on production by gas lift.
23 (H-6)	SE/NE 6-26N-1E	Producing.
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27 (H-5)	SE/NE 5-26N-1E	Producing.
28 (D-9)	NW/NW 9-26N-1E	Producing.
29 (F-9)	SE/NW 9-26N-1E	Producing.
30 (I-8)	NE/SE 8-26N-1E	Producing.
31 (P-9)	SE/SE 9-26N-1E	Shut in.
32 (H-16)	SE/NE 16-26N-1E	Shut in.
33 (P-5)	SE/SE 5-26N-1E	Temporarily abandoned.
34 (K-5)	NE/SW 5-26N-1E	SI - to be reworked.
35 (M-9)	SW/SW 9-26N-1E	Temporarily abandoned.
36 (J-7)	NW/SE 7-26N-1E	Not drilled - location only.
37 (C-8)	NE/NW 8-26N-1E	SI - preparing to test.
38 (H-8)	SE/NE 8-26N-1E	Producing.
39 (E-21)	SW/NW 21-27N-1E	SI - hole in tubing.
40 (E-19)	SW/NW 19-27N-1E	SI - to be reworked.
41 (F-20)	SE/NW 20-27N-1E	SI - to be put on production by gas lift.
42 (O-21)	SW/SE 21-27N-1E	SI - to be reworked.
43 (L-28)	SW/SW 28-27N-1E	Plugged and Abandoned.
44 (P-18)	SE/SE 18-27N-1E	SI - to be plugged and abandoned.

SCHEDULE II

EAST PUERTO CHIQUITO MANCOS UNIT  
1989 PRODUCTION STATISTICS

	<u>Oil</u> (BOPM)	<u>Gas</u> (MCF/M)	<u>Water</u> (BWPM)	<u>Gas</u> <u>Injection</u> (MCF/M)
January	1187	5288	55	5018
February	1264	6826	60	6550
March	1134	7015	37	6947
April	1279	5942	56	5729
May	965	5506	41	4868
June	939	5076	65	4809
July	737	5190	71	4444
August	783	3807	22	3390
September	908	2743	14	2229
October	1311	2456	46	1963
November	1404	2644	37	2164
December	<u>1976</u>	<u>359</u>	<u>64</u>	<u>0</u>
Total	11911	52493	504	48111
Cum. Since 5/81	519157	206855	27736	49387

# EAST PUERTO CHIQUITO MANCOS UNIT 1989 PRODUCTION



BENSON-MONTIN-GREER DRILLING CORP.

221 PETROLEUM CENTER BUILDING, FARMINGTON, NM. 87401 505-325-8874

July 8, 1989

U.S. Department of the Interior  
Bureau of Land Management  
1235 La Plata Highway  
Farmington, NM 87401

RECEIVED

JUL 12 1989

OIL CONSERVATION DIV.  
SANTA FE

✓ New Mexico Commissioner of Public Lands  
State Land Office  
P.O. Box 1148  
Santa Fe, NM 87504-1148

✓ New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501

Re: EAST PUERTO CHIQUITO MANCOS UNIT  
1989 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 1989.

1. Summary of Operations:

No changes have been made in the geologic interpretations, wells or participating area boundaries, so no new maps are submitted.

Gas injection was commenced in December 1988. Until December 1988 gas produced in excess of that used in lease operations was too small to measure.

2. Listing of status of all wells:

Listing of status of all wells is enclosed here as Schedule I.

3. Performance curves:

Production curves, along with injectivity, are also enclosed.

...

#6943

Little Hrs  
Thx 179

BENSON-MONTIN-GREER DRILLING CORP.

Bureau of Land Management  
New Mexico Commissioner of Public Lands  
New Mexico Oil Conservation Division

Page No. 2  
July 8, 1989

4. Plans for development:

A large number of wells within the unit are still shut in pending connection to the gas gathering system. We propose to expand the gas gathering system this year; and are currently waiting on environmental assessment to proceed. (Environmental assessment is a new requirement effective this year.)

5. Effectiveness of enhanced recovery project:

Set out on Schedule II are current and cumulative oil, gas and water production and gas injection rates.

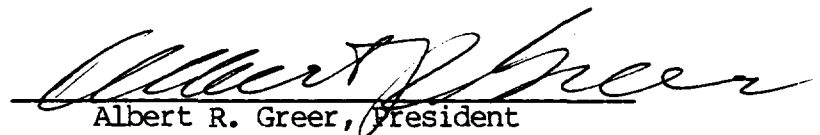
Additional work on the water injection system is pending the environmental assessment.

We hereby respectfully request your approval of this 1989 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

ARG/tlp

Enclosures

SCHEDULE I

EAST PUERTO CHIQUITO MANCOS UNIT  
STATUS OF WELLS

1 (L-29)	SW/SW 29-27N-1E	Plugged and Abandoned.
2 (G-29)	SW/NE 29-27N-1E	Gas Injection well.
3 (C-29)	NE/NW 29-27N-1E	SI - to be put on production by gas lift.
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7 (N-20)	SE/SW 20-27N-1E	Producing.
8 (P-19)	SE/SE 19-27N-1E	SI - to be put on production by gas lift.
9 (H-30)	SE/NE 30-27N-1E	Producing, to be put on production by gas lift.
10 (H-20)	SE/NE 20-27N-1E	SI - to be put on production by gas lift.
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22 (C-5)	NE/NW 5-26N-1E	SI - to be put on production by gas lift.
23 (H-6)	SE/NE 6-26N-1E	Producing.
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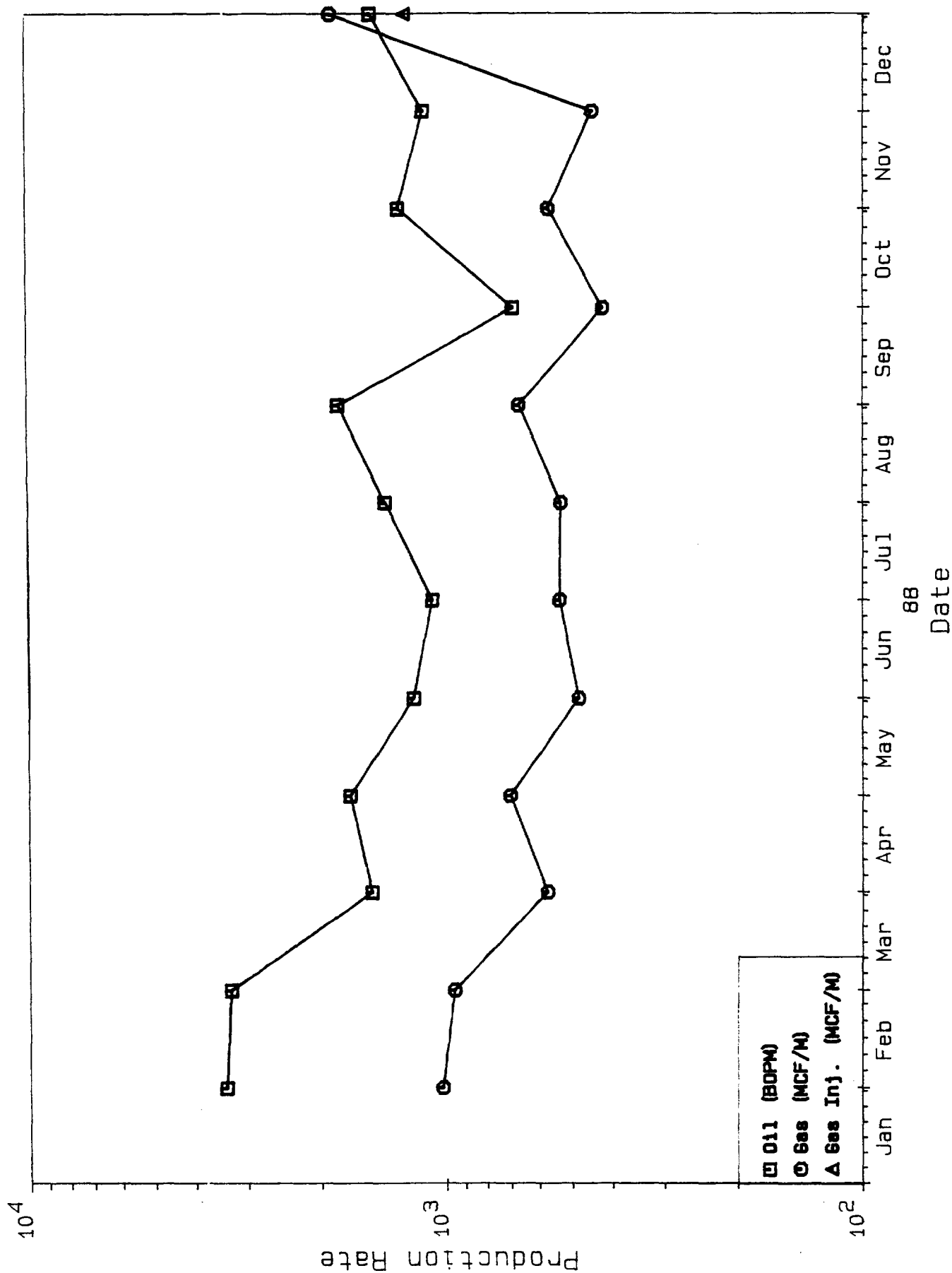
SCHEDULE II

EAST PUERTO CHIQUITO MANCOS UNIT  
1988 PRODUCTION STATISTICS

	<u>Oil</u> (BOPM)	<u>Gas</u> (MCF/M)	<u>Water</u> (BWPM)	<u>Gas</u> <u>Injection</u> (MCF/M)
January	3387	1023	120	0
February	3305	960	108	0
March	1516	574	96	0
April	1717	707	70	0
May	1207	484	77	0
June	1086	538	52	0
July	1416	535	89	0
August	1837	674	91	0
September	698	424	14	0
October	1317	574	39	0
November	1148	450	52	0
December	<u>1542</u>	<u>1924</u>	<u>66</u>	<u>1276</u>
Total	20176	8867	874	1276
Cum. Since 5/81	507246	154362	27232	1276



# EAST PUERTO CHIQUITO MANCOS UNIT 1988 PRODUCTION



*BENSON-MONTIN-GREER DRILLING CORP.*

221 PETROLEUM CENTER BUILDING, FARMINGTON, NM. 87401 505-325-8874

July 8, 1989

U.S. Department of the Interior  
Bureau of Land Management  
1235 La Plata Highway  
Farmington, NM 87401

New Mexico Commissioner of Public Lands  
State Land Office  
P.O. Box 1148  
Santa Fe, NM 87504-1148

New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501

Re: EAST PUERTO CHIQUITO MANCOS UNIT  
1989 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 1989.

1. Summary of Operations:

No changes have been made in the geologic interpretations, wells or participating area boundaries, so no new maps are submitted.

Gas injection was commenced in December 1988. Until December 1988 gas produced in excess of that used in lease operations was too small to measure.

2. Listing of status of all wells:

Listing of status of all wells is enclosed here as Schedule I.

3. Performance curves:

Production curves, along with injectivity, are also enclosed.

...

*BENSON-MONTIN-GREER DRILLING CORP.*

Bureau of Land Management  
New Mexico Commissioner of Public Lands  
New Mexico Oil Conservation Division

Page No. 2  
July 8, 1989

4. Plans for development:

A large number of wells within the unit are still shut in pending connection to the gas gathering system. We propose to expand the gas gathering system this year; and are currently waiting on environmental assessment to proceed. (Environmental assessment is a new requirement effective this year.)

5. Effectiveness of enhanced recovery project:

Set out on Schedule II are current and cumulative oil, gas and water production and gas injection rates.

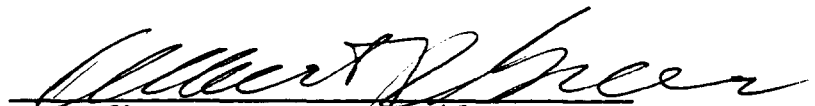
Additional work on the water injection system is pending the environmental assessment.

We hereby respectfully request your approval of this 1989 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

ARG/tlp

Enclosures

SCHEDULE I

EAST PUERTO CHIQUITO MANCOS UNIT  
STATUS OF WELLS

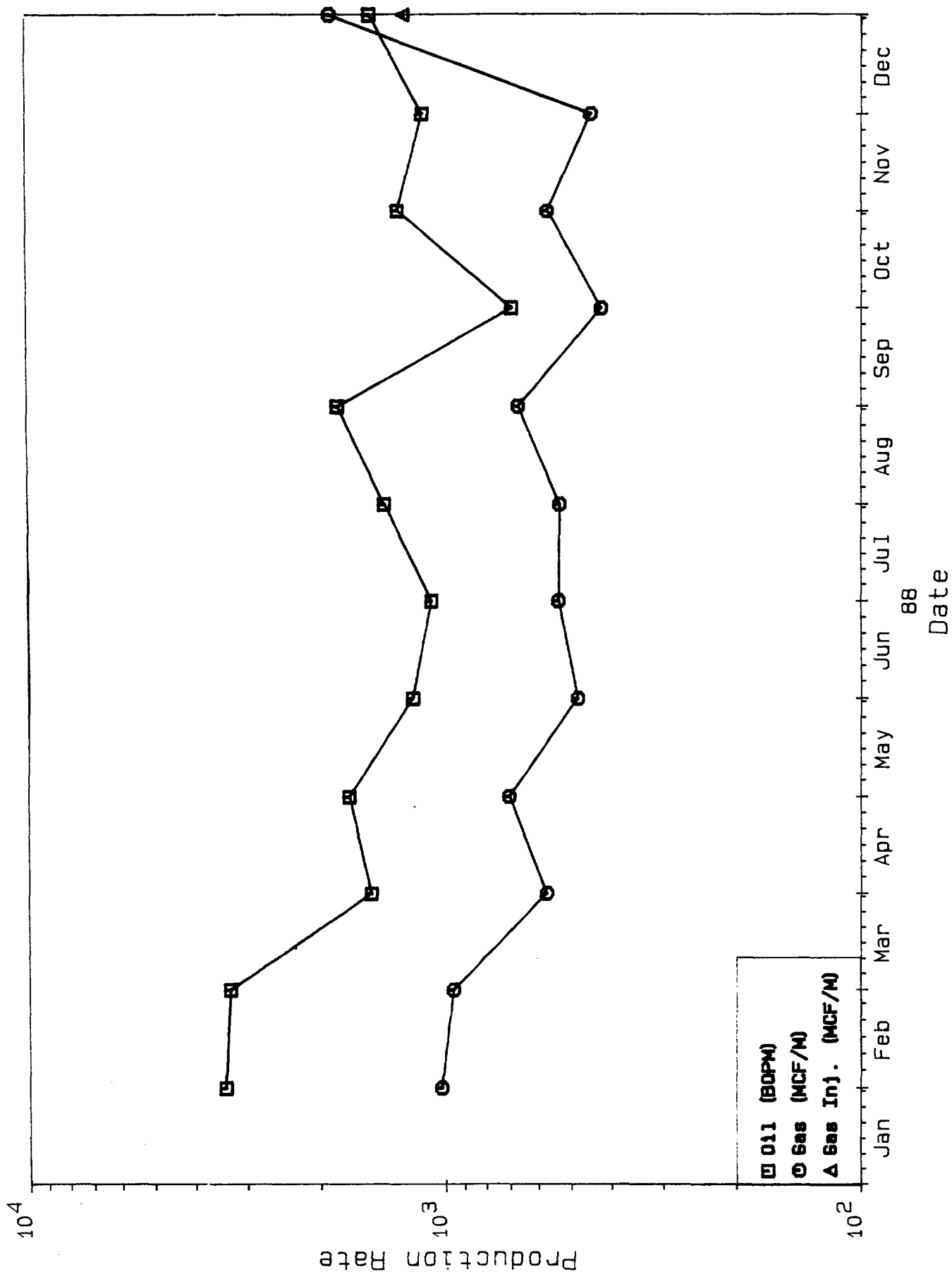
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SCHEDULE II

EAST PUERTO CHIQUITO MANCOS UNIT  
1988 PRODUCTION STATISTICS

	<u>Oil</u> (BOEM)	<u>Gas</u> (MCF/M)	<u>Water</u> (BWPM)	<u>Gas</u> <u>Injection</u> (MCF/M)
January	3387	1023	120	0
February	3305	960	108	0
March	1516	574	96	0
April	1717	707	70	0
May	1207	484	77	0
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July	1416	535	89	0
August	1837	674	91	0
September	698	424	14	0
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December	<u>1542</u>	<u>1924</u>	<u>66</u>	<u>1276</u>
Total	20176	8867	874	1276
Cum. Since 5/81	507246	154362	27232	1276

# EAST PUERTO CHIQUITO MANCOS UNIT 1988 PRODUCTION



RECEIVED

JUL 26 1989

OIL CONSERVATION DIV. (POD)  
SANTA FE UNIT  
3180 (019)

East Puerto Chiquito Mancos Unit

JUL 25 1989

Benson-Montin-Greer Drilling Corporation  
Attn: Albert R. Greer  
221 Petroleum Center Building  
Farmington, NM 87401

Gentlemen:

One approved copy of your 1989 Plan of Development for the East Puerto Chiquito Mancos Unit area, Rio Arriba County, New Mexico is enclosed. Such plan, proposing to expand the gas gathering system was approved on this date.

The possibility of drainage by wells outside of the unit boundary may exist. You will be contacted at a later date about this possibility.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 327-5344.

Sincerely,

/s/ John L. Keller

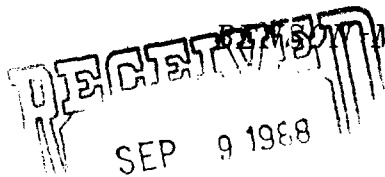
John Keller  
Chief, Branch of Minerals

Enclosure

cc: New Mexico Oil Conservation Division, State Land Office Building,  
P. O. Box 2088, Santa Fe, NM 87504

OK- 9-12-88

6943



BENSON-MONTIN-GREER DRILLING CORP.

221 PETROLEUM CENTER BUILDING, FARMINGTON, NM. 87401 505-325-8874

September 9, 1988

D -  
Unit letter  
Th<sup>12</sup>  
127

U.S. Department of the Interior  
Bureau of Land Management  
435 Montano Road NE  
Albuquerque, NM 87107

New Mexico Commissioner of Public Lands  
State Land Office  
P.O. Box 1148  
Santa Fe, NM 87504-1148

New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501

Re: EAST PUERTO CHIQUITO MANCOS UNIT  
1988 PLAN OF DEVELOPMENT

Gentlemen:

Benson-Montin-Greer Drilling Corp., as Unit Operator of the East Puerto Chiquito Mancos Unit, hereby submits for your consideration our proposed Plan of Development for the year 1988.

We plan to have gas injection commencing by November 1 of this year. We will continue to work on the water injection system; which we expect to have in operation by the summer of 1989.

We hereby respectfully request your approval of this 1988 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

Albert R. Greer, President

ARG/tlp





# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
ALBUQUERQUE DISTRICT OFFICE  
435 MONTANO N.E.  
ALBUQUERQUE, NEW MEXICO 87107

SEP 23 1988

East Puerto Chiquito(POD)  
3180 (015)

Benson-Montin-Greer Drilling Corp.  
ATTN: Albert R. Greer  
221 Petroleum Center Building  
Farmington, NM 87401

Gentlemen:

One approved copy of your 1988 Plan of Development for the East Puerto Chiquito Mancos Unit area, Rio Arriba County, New Mexico is enclosed. Such plan, proposing gas injection commencing by November 1, 1988 and to continue working on the water injection system, is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

Starting with the 1989 Plan of Development, please provide the following information in your annual Plan of Development.

1. A summary of operations for the past year which should include up-to-date maps showing the latest geologic interpretations, all wells and participating area boundaries. Should there be no changes from one year to another, reference may be made to the most recent map submitted.
2. A list showing the status of all wells.
3. Performance curves covering the productive life of each horizon under a participating area, including injectivity curves.
4. Your plans for development within the unit area for the next year.
5. Pertinent data as to the effectiveness of the enhanced recovery project (if applicable). This information should include data on current and cumulative water injection rates, current and cumulative water, gas, and oil production and current water-oil ratios. A short discussion as to the general progress of the flood and any significant changes in any phase of the project should also be included.

All plans of development are to be filed in triplicate.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 761-4503.

Sincerely,

/s/ Gary A. Stephens

Assistant District Manager  
FOR Mineral Resources

Enclosure

✓ NMOCD, Santa Fe

6943

Bureau of Land Management  
Minerals Division  
435 Montano NE  
Albuquerque, NM 87107

E. Puerto Chiquito  
3180 (015) (POD)

Benson-Moutin-Greer Drilling Corp.  
ATTN: Albert R. Greer  
221 Petroleum Center Bldg.  
Farmington, NM 87401

Gentlemen:

One approved copy of your 1987 Plan of Development for the East Puerto Chiquito Unit area, Rio Arriba County, New Mexico is enclosed. Such plan, proposing the continuation of the installation of the water and gas injection systems is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact Shirley Bryant at the above address or telephone (505) 761-4503.

Sincerely,

Assistant District Manager  
Mineral Resources

Enclosure

cc:

MM-016 w/POD copy

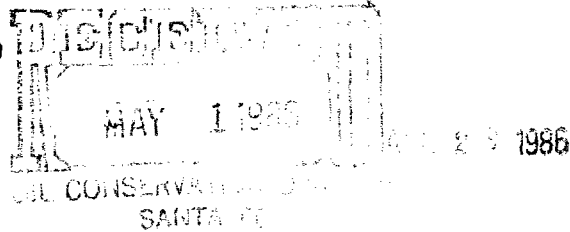
✓ NMOCB, Santa Fe

Comm. of Pub. Lands, Santa Fe

015:SBryant:jms:6-17-87:3216M

Division of Land Management  
Albuquerque District Office  
Minerals Division  
P.O. Box 6770  
Albuquerque, NM 87197-6770

East Puerto  
Chiquito Unit  
POD 3180 (015)



#6943

Benson-Montin-Greer Drilling Corporation  
ATTN: Albert R. Greer  
221 Petroleum Center Bld.  
Farmington, NM 87401

Gentlemen:

One approved copy of your 1986 Plan of Development for the East Puerto Chiquito Unit area, Rio Arriba County, New Mexico is enclosed. Such plan, proposing the drilling of no new wells, is approved this date subject to like approval by the appropriate officials of the State of New Mexico.

If you have any questions, please contact Gail Keller at the above address or telephone (505) 766-2841.

Sincerely,

(Orig. signed) - Ed Vigilante

For District Manager

Enclosure(s)

cc:

Micrographics 943B-1

Fluids Section FRAH

✓ NMOCD, Santa Fe

O&G Chron

015:GKeller:klm:4-25-86:1802M

BENSON-MONTIN-GREER DRILLING CORP.

221 PETROLEUM CENTER BUILDING  
FARMINGTON, NEW MEXICO 87401  
PHONE: 325-8874

September 4, 1980

U.S. Department of the Interior  
Geological Survey  
P.O. Box 26124  
Albuquerque, New Mexico 87125

Attention: Mr. Jack Willock

Re: PROPOSED EAST PUERTO CHIQUITO  
MANCOS UNIT:  
UPDATE OF EXHIBITS A, B AND C

Gentlemen:

We are submitting today updated copies of Exhibits A, B and C to reflect change in land ownership. We are now convinced, after having seen the original patent, that the 30-acre tract of land now shown on Exhibits A and B as Tract 27 was in fact patented and is under fee ownership now. For some reason we earlier thought this was federal land; but we are now convinced we were wrong, and accordingly we have reduced the acreage and equity figures for the unleased Tract No. 14 by the amount of the acreage and equity assigned the fee tract No. 27.

Revised copies of Exhibits A, B and C, along with Schedules II and III of Part III of Exhibit C, are enclosed. The other parts of Exhibit C are unchanged.

We would appreciate your reviewing your records to see if you concur in our interpretation. To facilitate checking tract descriptions we are also enclosing a large-scale plat of Section 4 which shows, by dashed lines, each of the acreage descriptions which combined form the tracts.

Following the effective date of unitization we will provide you with copies of Exhibit E (working interest participation) when final commitment of the working interests is known.



Yours very truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

cc: Oil Conservation Division  
Santa Fe, New Mexico  
Attention: Mr. Dan Nutter

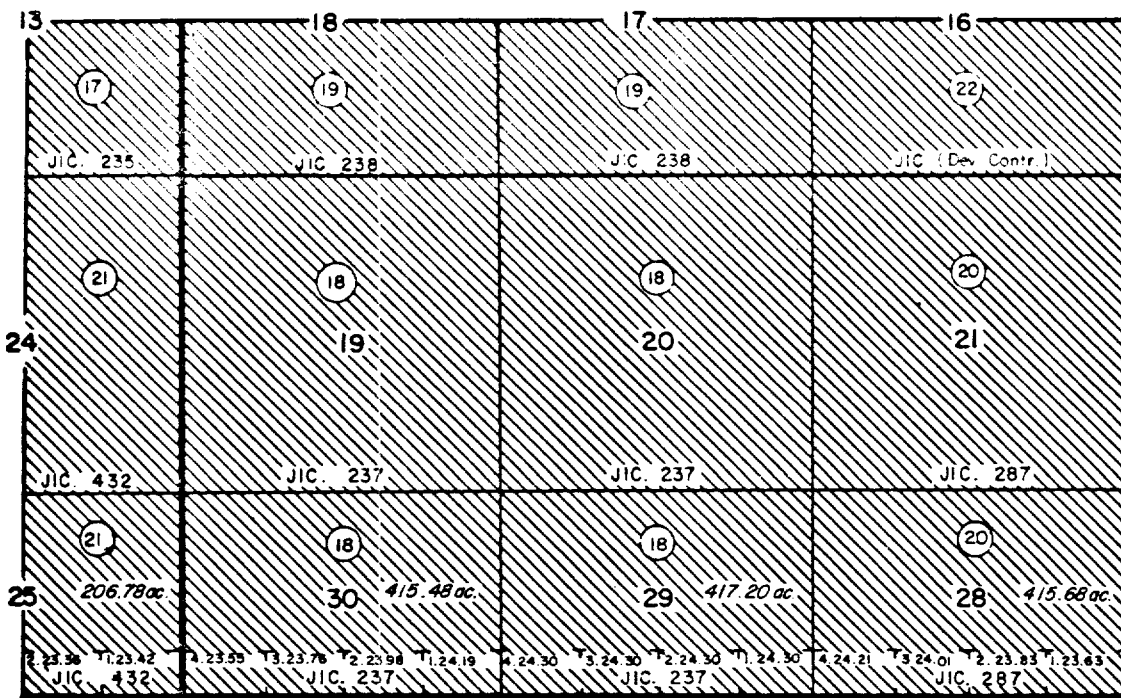
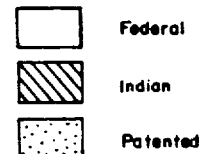
ARG:ney

RIW

RIE

T  
27  
N

## LEGEND



## LANDS BY CLASSIFICATION

Federal Acreage	4,244.85	43.45 %
Indian Acreage	4,815.14	49.29
Fee Acreage	709.03	7.26
Total Acreage	9,769.02	100.00 %

T  
26  
NEXHIBIT "A"  
PROPOSEDEAST PUERTO CHIQUITO MANCOS UNIT  
Rio Arriba Co., NM

June 1, 1980

Benson - Montin - Greer Drilling Corp.

Revised: July 7, 1980  
Revised: Sept. 4, 1980

EXHIBIT B

ATTACHED TO AND MADE A PART OF  
THAT CERTAIN AGREEMENT ENTITLED

EAST PUERTO CHIQUITO MANCOS UNIT  
RIO ARRIBA COUNTY, NEW MEXICO

JUNE 1, 1980  
REV C

TRACT NO.	DESCRIPTION	NO. ACRES	SERIAL NO. & EXPIRATION DATE	BASIC ROYALTY & PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY & PERCENTAGE	WORKING INTEREST & PERCENTAGE*
<u>FEDERAL LAND</u>							
1	T-26N, R-1E S. 8: Lots 3, 4, N/2NW/4 E/2NW/4SE/4, NW/4NW/4SE/4	289.93	SF-079288-B 5-31-59 (HBP)	USA - All of 12.5%	Benson-Montin-Greer Drilling Corp.	Dudley Cornell William S. Bailey Jr. Melba M. Morrow Warren E. Carr Clinton White Amex Petroleum Corp. Tesorero Petroleum Pennzoil United, Inc.	1.8750% Ownership "B" .1250% 1.0000% .5000% .5000% 50% of 6.25%* 25% of 6.25%* 25% of 6.25%*
2	T-26N, R-1E S. 8: Lot 7, S/2NW/4 S. 9: Lot 2, SE/4SE/4, E/2SW/4SE/4, S/2SW/4SW/4SE/4	193.20	SF-079288-E 5-31-59 (HBP)	USA - All of 12.5%	Benson-Montin-Greer Drilling Corp.	Dudley Cornell William S. Bailey A. B. Steward Warren E. Carr Clinton White	1.8750% Ownership "B" .1250% 1.0000% .5000% .5000%
3	T-26N, R-1E S. 4: Lots 2, 6, N/2NW/4SE/4NE/4, SW/4NW/4SE/4NE/4, W/2SW/4SE/4NE/4, SW/4 (excluding that portion of said SW/4 lying in HES 486 & HES 484) S. 5: Lots 1, 2, S/2NE/4 (excluding that portion of the S/2NE/4 lying in HES 484), SW/4	468.55	SF-080312-A 4-30-61 (HBP)	USA - All of 12.5%	Benson-Montin-Greer Drilling Corp.	Dudley Cornell William S. Bailey Annetta B. DeChenne Barbara B. Dixon Amex Petroleum Corp.	1.8750% Ownership "B" .1250% .5000% .5000% 1.0000%

\*Except when 15 BOPD or less  
(average/well/month), then  
prorata of 1% instead of 6.25%

\*See page 6 for breakdown of ownership categories.  
EPMUA-6180 REV C 9480

TRACT NO.	DESCRIPTION	NO. ACRES	SERIAL NO. & EXPIRATION DATE	BASIC ROYALTY & PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY & PERCENTAGE	WORKING INTEREST & PERCENTAGE*
4	T-26N, R-1E S. 6: Lots 1, 2, S/2NE/4	160.24	NW-041 8-31-61 (HBP)	USA - All of 12.5%	Mobil Oil Co.	G. H. Blankenship Mary Marshall Jones	1.5000% 1.5000% Ownership "C"
4-A	T-26N, R-1E S. 6: Lots 3, 4, 5, SE/4NW/4 S. 7: NE/4	315.16	NW-041 8-31-61 (HBP)	USA - All of 12.5%	Mobil Oil Co.	G. H. Blankenship Mary Marshall Jones	1.5000% 1.5000% Ownership "B"
5	T-26N, R-1E S. 6: Lot 7, SE/4SW/4, N/2SE/4 S. 7: N/2SE/4	237.76	NW-041-A 8-31-61 (HBP)	USA - All of 12.5%	Benson-Montin-Greer Drilling Corp.	Mary Marshall Jones G. H. Blankenship Russell Cobb Felix Hickman Horace F. McKay, Jr. Amac Petroleum Corp. Tesoro Petroleum Amoco Production Co.	1.0000% 2.0000% 1.0000% .5000% .5000% 3.1250% 1.5625% 1.5625% Ownership "B"
5	T-26N, R-1E S. 6: Lot 6, NE/4SW/4, S/2SE/4 S. 7: S/2SE/4	237.68	NW-041-B 8-31-61 (HBP)	USA - All of 12.5%	Benson-Montin-Greer Drilling Corp.	Mary Marshall Jones G. H. Blankenship Russell Cobb Felix Hickman Horace F. McKay, Jr. Tesoro Petroleum Amoco Production Co.	1.0000% 2.0000% 1.0000% .5000% .5000% 1.5625% 1.5625% Ownership "B"
7	T-26N, R-1E S. 15: SW/4SW/4 S. 16: N/2NW/4, N/2SE/4	200.00	NW-12501 6-30-58 (HBP)	USA - All of 12.5%	Benson-Montin-Greer Drilling Corp.	Dudley Cornell William S. Bailey Annetta B. DeChenne Barbara B. Dixon Warren E. Carr Clinton White	1.8750% .1250% .5000% .5000% .5000% .5000% Ownership "B"
8	T-26N, R-1E S. 16: S/2NE/4	80.00	NW-12502 6-30-58 (HBP)	USA - All of 12.5%	Benson-Montin-Greer Drilling Corp.	Dudley Cornell William S. Bailey Annetta B. DeChenne Barbara B. Dixon Tesoro Petroleum Amac Corp. Pennzoil United, Inc.	1.8750% .1250% .5000% .5000% 1.5625% 1.5000% 1.5625% Ownership "B"
9	T-26N, R-1E S. 15: S/2NW/4, N/2SW/4 S. 16: S/2NW/4, S/2SE/4	320.00	NW-12503 6-30-58 (HBP)	USA - All of 12.5%	Benson-Montin-Greer Drilling Corp.	Dudley Cornell William S. Bailey Annetta B. DeChenne Barbara B. Dixon	1.8750% .1250% .5000% .5000% Ownership "B"

\*See page 6 for breakdown of ownership categories.  
EFCMDA-6180 REV C 9480

EAST PUERTO CHICUITO MANCOS UNIT  
EXHIBIT B - PAGE 2

TRACT NO.	DESCRIPTION	NO. ACRES	SERIAL NO. & EXPIRATION DATE	BASIC ROYALTY & PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY & PERCENTAGE	WORKING INTEREST & PERCENTAGE*
10	T-26N, R-1E S. 16: N/2NE/4	80.00	NW-12504 6-30-58 (HBP)	USA - All of 12.5%	Benson-Montin-Greer Drilling Corp.	Dudley Cornell William S. Bailey Annetta B. DeChenne Barbara B. Dixon Tesoro Petroleum Amex Corp. Pennzoil United, Inc.	1.8750% Ownership "B" .1250% .5000% .5000% 1.5625% 1.5000% 1.5625%
11	T-26N, R-1E S. 15: NE/4NW/4 S. 17: S/2NW/4	120.00	NW-12809 4-30-81	USA - All of 12.5%	M. J. Harvey		M. J. Harvey
12	T-26N, R-1E S. 8: Lots 2, 6, SW/4NE/4 S. 10: NE/4NW/4 S. 15: SE/4SW/4	185.90	NW-19803 12-31-83	USA - All of 12.5%	Benson-Montin-Greer Drilling Corp.		Royce E. Lawson, Jr. 5.0000% Ownership "B"
13	T-26N, R-1E S. 5: Lots 3, 4, S/2NW/4, SE/4 (excluding that portion lying within HES 484 & 486)	237.10	OPEN (KGS)	USA - All of 12.5%			
14	T-26N, R-1E S. 4: Lots 3, 4, S/2NW/4 (excluding that portion lying within HES 484), W/2NW/4NE/4SE/4, W/2SW/4NE/4SE/4, SE/4SW/4NE/4SE/4, S/2SE/4NE/4SE/4, W/2SE/4, SE/4SE/4, SW/4NE/4	532.18	OPEN	USA - All of 12.5%			
15	S. 8: Lot 5, NW/4SW/4 S. 9: NE/4NE/4 S. 17: N/2NE/4 T-26N, R-1E S. 8: Lot 1 S. 9: Lot 4, NW/4NE/4 S. 15: NW/4NW/4	147.15	OPEN (KGS)	USA - All of 12.5%			
16	T-26N, R-1E S. 9: S/2NE/4 S. 10: NW/4NW/4, S/2NW/4, SW/4 S. 17: S/2NE/4	440.00	Not Open For Leasing (NOL)	USA - All of 12.5%			

\*See page 6 for breakdown of ownership categories.  
EPOMUA-6180 REV C 9480

EAST PUERTO CHIQUITO MANCOS UNIT  
EXHIBIT B - PAGE 3



TRACT NO.	DESCRIPTION	NO. ACRES	SERIAL NO. & EXPIRATION DATE	BASIC ROYALTY & PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY & PERCENTAGE	WORKING INTEREST & PERCENTAGE*
<u>INDIAN LAND</u>							
17	T-27N, R-1W S. 13: SE/4	160.00	Jic. 235 7-25-68 (HBP)	Jic. Apache 12.50%	Amoco Production Co.	4.166667% until "payout"	Ownership "F" (subject to net profits agreement with Jic. Tribe)
18	T-27N, R-1E S. 19: All S. 20: All S. 29: Lots 1, 2, 3, 4, N/2 (All) S. 30: Lots 1, 2, 3, 4, N/2 (All)	2112.68	Jic. 237 7-25-68 (HBP)	Jic. Apache 12.50% Variable to 25.00%	Amoco Production Co.	None	Ownership "A"
19	T-27N, R-1E S. 17: S/2 S. 18: S/2	640.00	Jic. 238 7-25-68 (HBP)	Jic. Apache 12.50%	Benson-Montin-Greer Drilling Corp.	4.166667% until "payout"	Ownership "F" (Subject to net profits agreement with Jic. Tribe)
20	T-27N, R-1E S. 21: All S. 28: Lots 1, 2, 3, 4, N/2 (All)	1055.68	Jic. 287 (HBP)	Jic. Apache 12.50% Variable to 25.00%	S & B Drilling	Tesoro Petroleum Pennzoil United	Ownership "D" 3.125% 3.125%
21	T-27N, R-1W S. 24: E/2 S. 25: Lots 1, 2, NW/4NW/4 (E/2)	526.78	Jic. 432 7-7-80 (HBP)	Jic. Apache 16.67%	Benson-Montin-Greer Drilling Corp.	None	Ownership "E" (Subject to net profits agreement with Jic. Tribe)
22	T-27N, R-1E S. 16: S/2	320.00	(Dev. Contr.)	(Dev. Contr.)	(Dev. Contr.)	(Dev. Contr.)	Ownership "X" (Subject to Dev. Contract with Jic. Tribe)
<u>PATENTED LAND</u>							
23	T-26N, R-1E S. 8: HFS 488	160.16	2-10-63 (HBP)	Alfonso Eturriaga 12.50%	Texota Oil Co.	Warren E. Carr Clinton White Pennzoil United, Inc. Tesoro Petroleum Texota Oil Co.	Ownership "B" .5000% .5000% Inc. 1.5625% 1.5625% 3.1250%

\*See page 6 for breakdown of ownership categories.

EAST PUERTO CHIQUITO MANCOS UNIT  
EXHIBIT B - PAGE 4

EPOTUA-6180 REV C 9480

TRACT NO.	DESCRIPTION	NO. ACRES	SERIAL NO. & EXPIRATION DATE	BASIC ROYALTY & PERCENTAGE	LESSEE OF RECORD	OVERRIDING ROYALTY & PERCENTAGE	WORKING INTEREST & PERCENTAGE*
24	T-26N, R-1E Parcel 1: HES 484, embracing a portion of S. 4, 5 & 8 (159.58 acres) Parcel 2: HES 486, embracing a portion of S. 4, 5, 8 & 9 (159.01 acres)	318.59	5-20-64 (HBP)	Alfonso Eturriaga 12.50%	Tesoro Petroleum	Tesoro Petroleum Texota Oil Co.	3.1250% 3.1250% Ownership "B"
25	T-26N, R-1E S. 9: S/2SW/4NW/4SW/4, S/2SE/4NW/4SW/4, NE/4SE/4NW/4SW/4, SE/4NE/4NW/4SW/4, SW/4SW/4, E/2SW/4, SW/4NW/4SE/4, NW/4SW/4SE/4, N/2SW/4SW/4SE/4	160.00		Isabel E. Barton 25%, Marie L. Quarles 25%, First Nat'l Bank, Alb - Trustee for T.D. Burns III Estate 25%, Maria L. Burns Estate 25%			
26	T-26N, R-1E S. 4: Lot 5, NE/4SE/4NE/4, SE/4NW/4SE/4NE/4, NW/4SE/4NE/4, E/2SW/4SE/4NE/4	40.28	8-21-83	Sabino Olivas, Sr. & Eliza Olivas	Benson-Montin-Greer Drilling Corp.	None	Ownership "B"
27	T-26N, R-1E S. 4: N/2SE/4NE/4SE/4, NE/4NE/4SE/4, E/2SE/4SE/4NE/4, SW/4SE/4NE/4, E/2NW/4NE/4SE/4, NE/4SW/4NE/4SE/4	30.00	8-21-83	Eloy S. Olivas & Juanita Olivas	Benson-Montin-Greer Drilling Corp.	None	Ownership "B"
SUMMARY:				FEDERAL ACREAGE	4,244.85	43.45%	
				INDIAN ACREAGE	4,815.14	49.29%	
				PATENTED ACREAGE (FEE)	709.03	7.26%	
					9,769.02	100.00%	

PROPOSED EAST PUERTO CHIQUITO MANCOS UNIT  
WORKING INTEREST OWNERSHIP BY WELLS  
1-1-78

OWNERSHIP "A"	OWNERSHIP "B"	OWNERSHIP "C"	OWNERSHIP "D"	OWNERSHIP "E"	OWNERSHIP "F"
	Alto			*	
	Bajo				
	Casa				
	PC H-5				
	PC I-6				
	PC D-9				
	PC P-9				
	PC I-8		Jicarilla 287 Lease	Jicarilla 432 (H-25)	Jicarilla 235 (P-13) & Jicarilla 238 (O-17)
	PC F-6	Bernie			
John R. Anderson	8.590000	4.814000	0.000000	3.582000	8.590000
Tom Bolack	33.040000	33.698000	0.000000	31.340000	33.040000
Benson-Montin-Greer	7.848323	8.602483	0.000000	7.848323	10.911392
Molly E. Bramlette	6.186000	2.407000	25.000000	6.186000	3.700000
Molly E. Bramlette Trust	6.186000	2.407000	25.000000	6.186000	3.700000
Albert R. Greer	6.268000	6.740000	0.000000	6.268000	7.560000
Greer Enterprises, Ltd.	3.134000	3.370000	0.000000	3.134000	3.760000
Bill L. Harbert	3.543050	1.820000	0.000000	3.543050	1.248000
Jack London, Jr.	6.369500	10.110000	0.000000	6.369500	8.430000
William W. London	1.411750	3.033000	0.000000	1.411750	2.080000
A. C. Montin	1.238700	1.213000	0.000000	1.238700	2.182000
William V. Montin	2.696000	0.000000	0.000000	2.696000	0.000000
Jessie Stanley	0.000000	0.000000	0.000000	0.000000	0.200000
Stoabs Oil Corp.	3.307677	3.625517	0.000000	3.307677	4.598608
Virgil L. Stoabs	16.889000	18.160000	50.000000	16.889000	10.000000
	100.000000	100.000000	100.000000	100.000000	100.000000

\* Ownership "E" is same as "A": Tract 21 participation figured separately since lease is under litigation.

PROPOSED EAST PUERTO CHIQUITO MANCOS UNIT  
WEIGHTED AVERAGE WORKING INTEREST OF INDIAN LEASES

	<u>OWNERSHIP "X"</u>				<u>OWNERSHIP "X"</u>
	<u>Jicarilla 237 Lease</u>	<u>Jicarilla 287 Lease</u>	<u>Jicarilla 432 (H-25)</u>	<u>Jicarilla 235 (P-13) &amp; Jicarilla 238 (O-17)</u>	<u>Weighted Average</u>
<b>SUM OF TRACT PARTICIPATIONS</b>	<b>62.332727</b>	<b>4.235385</b>	<b>0.921073</b>	<b>2.880417</b>	<b>100.000000</b>
John R. Anderson	2.232758	0.000000	0.032993	0.247428	3.571399
Tom Bolack	19.535079	0.000000	0.288664	0.951698	29.523303
Benson-Montin-Greer	4.892074	0.000000	0.072289	0.314294	7.501330
Molly E. Bramblette	3.855903	1.058846	0.056978	0.106575	7.216613
Molly E. Bramblette Trust	3.855903	1.058846	0.056978	0.106575	7.216613
Albert R. Greer	3.907015	0.000000	0.057733	0.217760	5.943628
Greer Enterprises, Ltd.	1.953508	0.000000	0.028866	0.108304	2.970996
Bill L. Harbert	2.208479	0.000000	0.032634	0.035948	3.235859
Jack London, Jr.	3.970283	0.000000	0.058668	0.242819	6.070476
William W. London	0.879982	0.000000	0.013003	0.059913	1.354133
A. C. Montin	0.772115	0.000000	0.011409	0.062851	1.202757
William V. Montin	1.680490	0.000000	0.024832	0.000000	2.423379
Jessie Stanley	0.000000	0.000000	0.000000	0.005761	.008187
Stoabs Oil Corp.	2.061765	0.000000	0.030466	0.132459	3.161437
Virgil L. Stoabs	10.527373	2.117693	0.155560	0.288042	18.599890
<b>TOTALS</b>	<b>62.332727</b>	<b>4.235385</b>	<b>0.921073</b>	<b>2.880417</b>	<b>100.000000</b>

Note: Because of special re-distribution of tract participations to Indian lands the working interest owners of these tracts are currently (July, 1980) pooling their interests. The pooling takes effect on effective date of unitization. Probable pooled interests will be that of "X" above for all Indian tracts.

EAST PUERTO CHIQUITO MANCOS UNIT

CALCULATION OF TRACT PARTICIPATIONS

FORMULA: SEE LAST PAGE

(EXHIBIT C (PART I) TO UNIT AGREEMENT)

TRACT NO.	DESCRIPTION	NO. ACRES (A)	STRUCTURAL POSITION WEIGHTED ACREAGE (FROM SCHED III) (B)	1976 & 1977 PRODUCTION (BARRELS) (C)	10% A (ACRES)	22.5% B (SPW FACTOR)	67.5% C (PRODUCTION)	TOTAL
<u>FEDERAL LAND</u>								
1	T-26N, R-1E S. 8: Lots 3, 4, N/2NW/4 S. 9: Lot 1, NE/4SE/4, E/2NW/4, NW/4NW/4SE/4 S. 17: N/2NW/4	289.93	1,547.12	1,146	.296785	.807300	.401200	1.505285
2	T-26N, R-1E S. 8: Lot 7, S/2NW/4 S. 9: Lot 2, SE/4SE/4, E/2SW/4SE/4, S/2SW/4SW/4SE/4	193.20	1,048.33	1,462	.197768	.547027	.511828	1.256623
3	T-26N, R-1E S. 4: Lots 2, 6, N/2NW/4SE/4NE/4, SW/4NW/4SE/4NE/4, W/2SW/4SE/4NE/4, SW/4 SW/4 (excluding that portion of said SW/4 lying in HES 486 & HES 484 S. 5: Lots 1, 2, S/2NE/4 (excluding that portion of the S/2NE/4 lying in HES 484), SW/4	468.55	2,050.12	1,641	.479628	1.069770	.574493	2.123891
4	T-26N, R-1E S. 6: Lots 1, 2, S/2NE/4	160.24	982.27	4,165	.164029	.512557	1.458114	2.134700

TRACT NO.	DESCRIPTION	NO. ACRES (A)	STRUCTURAL POSITION WEIGHTED ACREAGE (FROM SCHED III) (B)	1976 & 1977 PRODUCTION (BARRELS) (C)	10% A (ACRES)	22.5% B (SPW FACTOR)	67.5% C (PRODUCTION)	TOTAL
4-A	T-26N, R-1E S. 6: Lots 3, 4, 5, SE/4NW/4 S. 7: NE/4	315.16	1,060.96	-0-	.322612	.553618	.000000	.876230
5	T-26N, R-1E S. 6: Lot 7, SE/4SW/4, N/2SE/4 S. 7: N/2SE/4	237.76	672.16	3,711	.243382	.350739	1.299174	1.893295
6	T-26N, R-1E S. 6: Lot 6, NE/4SW/4, S/2SE/4 S. 7: S/2SE/4	237.68	672.08	3,711	.243300	.350697	1.299174	1.893171
7	T-26N, R-1E S. 15: SW/4SW/4 S. 16: N/2NW/4, N/2SE/4	200.00	935.20	-0-	.204729	.487995	.000000	.692724
8	T-26N, R-1E S. 16: S/2NE/4	80.00	304.00	695	.081892	.158630	.243311	.483833
9	T-26N, R-1E S. 15: S/2NW/4, N/2SW/4 S. 16: S/2NW/4, S/2SE/4	320.00	1,158.40	-0-	.327566	.604463	.000000	.932029
10	T-26N, R-1E S. 16: N/2NE/4	80.00	304.00	-0-	.081892	.158630	.000000	.240522
11	T-26N, R-1E S. 15: NE/4NW/4 S. 17: S/2NW/4	120.00	430.00	-0-	.122837	.224378	.000000	.347215
12	T-26N, R-1E S. 8: Lots 2, 6, SW/4NE/4 S. 10: NE/4NW/4 S. 15: SE/4SW/4	185.90	745.79	-0-	.190295	.389159	.000000	.579454

EAST PUERTO CHIQUITO MANCOS UNIT  
CALCULATION OF TRACT PARTICIPATIONS  
EXHIBIT C (PART 1) TO UNIT AGREEMENT

TRACT NO.	DESCRIPTION	NO. ACRES (A)	STRUCTURAL POSITION WEIGHTED ACREAGE (FROM SCHED III) (B)	1976 & 1977 PRODUCTION (BARRELS) (C)	10% A (ACRES)	22.5% B (SPW FACTOR)	67.5% C (PRODUCTION)	TOTAL
13	T-26N, R-1E S. 5: Lots 3, 4, S/2NW/4, SE/4 (excluding that portion lying within HFS 484 & 486)	237.10	1,419.12	-0-	.242706	.740509	.000000	.983215
14	T-26N, R-1E S. 4: Lots 3, 4, S/2NW/4 (excluding that portion lying within HFS 484), W/2NW/4NE/4SE/4, W/2SW/4NE/4SE/4, SE/4SW/4NE/4SE/4, S/2SE/4NE/4SE/4, W/2SE/4, SE/4SE/4, SW/4NE/4 S. 8: Lot 5, NW/4SW/4 S. 9: NE/4NE/4 S. 17: N/2NE/4	532.18	1,613.11	-0-	.544763	.841734	.000000	1.386497
15	T-26N, R-1E S. 8: Lot 1 S. 9: Lot 4, NW/4NE/4 S. 15: NW/4NW/4	532.18	1,613.11	-0-	.544763	.841734	.000000	1.386497
16	T-26N, R-1E S. 9: S/2NE/4 S. 10: NW/4NW/4, S/2NW/4, SW/4 S. 17: S/2NE/4	440.00	976.40	-0-	.450403	.509494	.000000	.959897
<u>INDIAN LAND</u>								
17	T-27N, R-1W S. 13: SE/4	160.00	-0-	-0-	.163783	.000000	.000000	.163783 (.793683)*
18	T-27N, R-1E S. 19: All S. 20: All S. 29: Lots 1, 2, 3, 4, N/2 (All) S. 30: Lots 1, 2, 3, 4, N/2 (All)	2112.68	13,012.09	152,477	2.162633	6.789817	53.380277	62.332727 (44.624711)*

EAST PUERTO CHIQUITO MANCOS UNIT  
CALCULATION OF TRACT PARTICIPATIONS  
EXHIBIT C (PART I) TO UNIT AGREEMENT

TRACT NO.	DESCRIPTION	NO. ACRES (A)	STRUCTURAL POSITION WEIGHTED ACRAGE (FROM SCHED III) (B)	1976 & 1977 PRODUCTION (BARRELS) (C)	10% A (ACRES)	22.5% B (SPW FACTOR)	67.5% C (PRODUCTION)	TOTAL
19	T-27N, R-1E S. 17: S/2 S. 18: S/2	640.00	3,694.40	382	.655132	1.927769	.133733	2.716634 (13.164648)*
20	T-27N, R-1E S. 21: All S. 28: Lots 1, 2, 3, 4, N/2 (All)	1055.68	4,483.91	2,328	1.080641	2.339741	.815003	4.235385 (3.032160)*
21	T-27N, R-1W S. 24: E/2 S. 25: Lots 1, 2, NW/4NW/4 (E/2)	526.78	731.76	-0-	.539235	.381838	.000000	.921073 (4.463465)*
22	T-27N, R-1E S. 16: S/2	320.00	1,510.40	-0-	.327566	.788139	.000000	1.115705 (5.406641)*
<u>PATENTED LAND</u>								
23	T-26N, R-1E S. 8: HES 488	160.16	1,097.16	2,380	.163947	.572507	.833208	1.569662
24	T-26N, R-1E Parcel 1: HES 484, embracing a portion of S. 4, 5 & 8 (159.58 acres) Parcel 2: HES 486, embracing a portion of S. 4, 5, 8 & 9 (159.01 acres)	318.59	1,349.57	18,551	.326123	.704217	6.494471	7.524811

EAST PUERTO CHIQUITO MANCOS UNIT  
CALCULATION OF TRACT PARTICIPATIONS  
EXHIBIT C (PART I) TO UNIT AGREEMENT



TRACT NO.	DESCRIPTION	NO. ACRES (A)	STRUCTURAL POSITION WEIGHTED ACREAGE (FROM SCHED III) (B)	1976 & 1977 PRODUCTION (BARRELS) (C)	10% A (ACRES)	22.5% B (SPW FACTOR)	67.5% C (PRODUCTION)	TOTAL
25	T-26N, R-1E S. 9: S/2SW/4NW/4SW/4, S/2SE/4NW/4SW/4, NE/4SE/4NW/4SW/4, SE/4NE/4NW/4SW/4, SW/4SW/4, E/2SW/4, SW/4NW/4SE/4, NW/4SW/4SE/4, N/2SW/4SW/4SE/4	160.00	762.25	160	.163783	.397748	.056014	.617545
26	T-26N, R-1E S. 4: Lot 5, NE/4SE/4NE/4, SE/4NW/4SE/4NE/4, NW/4SE/4SE/4NE/4, E/2SW/4SE/4NE/4	40.28	26.18	-0-	.041232	.013661	.000000	.054893
27	T-24N, R-1E S. 4: N/2SE/4NE/4SE/4, NE/4NE/4SE/4, E/2SE/4SE/4NE/4, SW/4SE/4SE/4NE/4, E/2NW/4NE/4SE/4, NE/4SW/4NE/4SE/4	30.00	20.63	-0-	.030709	.010765	.000000	.041474
		9769.02	43,119.28	192,809	10.000000	22.500000	67.500000	100.000000

#### Determination of Tract Participations:

Tract Participation =  $10\% A + 22.5\% B + 67.5\% C$

Where A = The ratio of surface area of the subject tract to the sum of the surface area of all tracts.

B = The ratio of the "structural position weighted acreage" for the subject tract to the sum of the "structural position weighted acreage" for all tracts.

C = The ratio of the 1976 and 1977 oil production allocated to the subject tract to the sum of the 1976 and 1977 oil production allocated to all tracts.

\*Note: Per agreement with the Jicarilla Tribe, and in accordance with the terms of the Unit Agreement, the sum of the equity factors allocated to all of the Indian land tracts are to be re-distributed to the various Indian tracts in the following method:

2/3 of the equity is assigned to the 237 and 287 leases with the remaining 1/3 assigned to the remaining leases.

Allocation to each tract within these groups is in the proportion that the basic equity factors bear to each other. These special allocation equity factors are designated on this Part I of Exhibit C with parentheses and an asterisk and are the equity factors to be assigned to these tracts regardless of the equity factors determined by the formula.

#### CALCULATION OF TRACT PARTICIPATIONS EXHIBIT C (PART I) TO UNIT AGREEMENT

EXHIBIT C: PART III  
TO UNIT AGREEMENT FOR THE

EAST PUERTO CHIQUITO MANCOS UNIT

WEIGHTING OF TRACTS  
BY  
STRUCTURAL POSITION

(SCHEDULE II)

<u>LAND</u> <u>SUBDIVISION</u>	<u>TRACT</u> <u>NO.</u>	<u>SURFACE</u> <u>AREA</u> <u>(ACRES)</u>	<u>LAND</u> <u>SUBDIVISION</u> <u>STRUCTURAL</u> <u>POSITION</u> <u>WEIGHTING</u> <u>FACTOR</u>	<u>TRACT</u> <u>STRUCTURAL</u> <u>POSITION</u> <u>WEIGHTED</u> <u>ACREAGE</u> <u>(3) x (4)</u>
(1)	(2)	(3)	(4)	(5)
<u>T-26N, R-1E</u>				
Sec. 4: NE 1/4	3	73.26	0.65	47.62
	14	40.00	0.65	26.00
	26	40.28	0.65	26.18
	27	<u>7.50</u>	0.65	4.88
	<b>TOTAL</b>	161.04		
Sec. 4: NW 1/4	14	159.30	1.95	310.64
	24	<u>1.58</u>	1.95	3.08
	<b>TOTAL</b>	160.88		
Sec. 4: SW 1/4	3	102.79	2.60	267.25
	24 ( HES 484 38.12 )			
	( HES 486 <u>19.09</u> )	<u>57.21</u>	2.60	148.75
	<b>TOTAL</b>	160.00		
Sec. 4: SE 1/4	14	137.50	0.70	96.25
	27	<u>22.50</u>	0.70	15.75
	<b>TOTAL</b>	160.00		
Sec. 5: NE 1/4	3	132.50	4.10	543.25
	24 (HES 484)	<u>28.18</u>	4.10	115.54
	<b>TOTAL</b>	160.68		
Sec. 5: NW 1/4	13	160.44	6.48	1039.65
Sec. 5: SW 1/4	3	160.00	7.45	1192.00
Sec. 5: SE 1/4	13	76.66	4.95	379.47
	24 ( HES 484 82.52 )			
	( HES 486 <u>0.82</u> )	<u>83.34</u>	4.95	412.53
	<b>TOTAL</b>	160.00		

LAND SUBDIVISION	TRACT		LAND SUBDIVISION STRUCTURAL POSITION WEIGHTING FACTOR	TRACT STRUCTURAL POSITION WEIGHTED ACREAGE (3) x (4)
	NO.	SURFACE AREA (ACRES)		
(1)	(2)	(3)	(4)	(5)
Sec. 6: NE 1/4	4	160.24	6.13	982.27
Sec. 6: NW 1/4	4-A	155.16	2.28	353.76
Sec. 6: SW 1/4	5	77.76	1.00	77.76
	6	<u>77.68</u>	1.00	77.68
	TOTAL	155.44		
Sec. 6: SE 1/4	5	80.00	5.43	434.40
	6	<u>80.00</u>	5.43	434.40
	TOTAL	160.00		
Sec. 7: NE 1/4	4-A	160.00	4.42	707.20
Sec. 7: SE 1/4	5	80.00	2.00	160.00
	6	<u>80.00</u>	2.00	160.00
	TOTAL	160.00		
Sec. 8: NE 1/4	12	66.98	5.90	395.18
	15	46.75	5.90	275.83
	24 ( HES 484 9.18 ) ( HES 486 <u>37.09</u> )	<u>46.27</u>	5.90	272.99
	TOTAL	160.00		
Sec. 8: NW 1/4	1	80.00	7.90	632.00
	2	<u>80.00</u>	7.90	632.00
	TOTAL	160.00		
Sec. 8: SW 1/4	12	38.92	6.10	237.41
	14	75.38	6.10	459.82
	23	<u>45.70</u>	6.10	278.77
	TOTAL	160.00		

EAST PUERTO CHIQUITO MANCOS UNIT  
WEIGHTING OF TRACTS  
BY  
STRUCTURAL POSITION  
SCHEDULE II

LAND SUBDIVISION	TRACT		LAND SUBDIVISION STRUCTURAL POSITION WEIGHTING FACTOR	TRACT STRUCTURAL POSITION WEIGHTED ACREAGE (3) x (4)
	NO.	SURFACE AREA (ACRES)		
(1)	(2)	(3)	(4)	(5)
Sec. 8: SE 1/4	1	33.46	7.15	239.24
	2	12.04	7.15	86.09
	23	114.46	7.15	818.39
	24 (HES 486)	<u>0.04</u>	7.15	0.29
	TOTAL	160.00		
Sec. 9: NE 1/4	14	40.00	1.75	70.00
	15	40.00	1.75	70.00
	16	<u>80.00</u>	1.75	140.00
	TOTAL	160.00		
Sec. 9: NW 1/4	1	26.47	3.83	101.38
	2	36.16	3.83	138.49
	24	<u>97.37</u>	3.83	372.93
	TOTAL	160.00		
Sec. 9: SW 1/4	15	20.40	5.10	104.04
	24	4.60	5.10	23.46
	25	<u>135.00</u>	5.10	688.50
	TOTAL	160.00		
Sec. 9: SE 1/4	1	70.00	2.95	206.50
	2	65.00	2.95	191.75
	25	<u>25.00</u>	2.95	73.75
	TOTAL	160.00		
Sec. 10: NW 1/4	12	40.00	0.35	14.00
	16	<u>120.00</u>	0.35	42.00
	TOTAL	160.00		
Sec. 10: SW 1/4	16	160.00	0.90	144.00

EAST PUERTO CHIQUITO MANCOS UNIT  
WEIGHTING OF TRACTS  
BY  
STRUCTURAL POSITION  
SCHEDULE II

LAND SUBDIVISION	TRACT		LAND SUBDIVISION STRUCTURAL POSITION WEIGHTING FACTOR	TRACT STRUCTURAL POSITION WEIGHTED ACREAGE (3) x (4)
	NO.	SURFACE AREA (ACRES)		
(1)	(2)	(3)	(4)	(5)
Sec. 15: NW 1/4	9	80.00	1.55	124.00
	11	40.00	1.55	62.00
	15	<u>40.00</u>	1.55	62.00
	TOTAL	160.00		
Sec. 15: SW 1/4	7	40.00	2.48	99.20
	9	80.00	2.48	198.40
	12	<u>40.00</u>	2.48	99.20
	TOTAL	160.00		
Sec. 16: SE 1/4	7	80.00	4.45	356.00
	9	<u>80.00</u>	4.45	356.00
	TOTAL	160.00		
Sec. 16: NE 1/4	10	80.00	3.80	304.00
	8	<u>80.00</u>	3.80	304.00
	TOTAL	160.00		
Sec. 16: NW 1/4	9	80.00	6.00	480.00
	7	<u>80.00</u>	6.00	480.00
	TOTAL	160.00		
Sec. 17: NE 1/4	14	80.00	8.13	650.40
	16	<u>80.00</u>	8.13	650.40
	TOTAL	160.00		
Sec. 17: NW 1/4	11	80.00	4.60	368.00
	1	<u>80.00</u>	4.60	368.00
	TOTAL	160.00		

EAST PUERTO CHIQUITO MANCOS UNIT  
WEIGHTING OF TRACTS  
BY  
STRUCTURAL POSITION  
SCHEDULE II

LAND SUBDIVISION	TRACT		LAND SUBDIVISION STRUCTURAL POSITION WEIGHTING FACTOR	TRACT STRUCTURAL POSITION WEIGHTED ACREAGE (3) x (4)
	NO.	SURFACE AREA (ACRES)		
(1)	(2)	(3)	(4)	(5)
<u>T-27N, R-1E</u>				
Sec. 16: SW 1/4	22	160.00	5.52	883.20
Sec. 16: SE 1/4	22	160.00	3.92	627.20
Sec. 17: SW 1/4	19	160.00	8.50	1360.00
Sec. 17: SE 1/4	19	160.00	7.22	1155.20
Sec. 18: SW 1/4	19	160.00	1.45	232.00
Sec. 18: SE 1/4	19	160.00	5.92	947.20
Sec. 19: NE 1/4	18	160.00	7.13	1140.80
Sec. 19: NW 1/4	18	160.00	3.18	508.80
Sec. 19: SW 1/4	18	160.00	6.08	972.80
Sec. 19: SE 1/4	18	160.00	8.20	1312.00
Sec. 20: NE 1/4	18	160.00	7.75	1240.00
Sec. 20: NW 1/4	18	160.00	8.38	1340.80
Sec. 20: SW 1/4	18	160.00	6.85	1096.00
Sec. 20: SE 1/4	18	160.00	6.30	1008.00
Sec. 21: NE 1/4	20	160.00	4.90	784.00
Sec. 21: NW 1/4	20	160.00	6.50	1040.00
Sec. 21: SW 1/4	20	160.00	5.68	908.80
Sec. 21: SE 1/4	20	160.00	4.50	720.00

EAST PUERTO CHIQUITO MANCOS UNIT  
WEIGHTING OF TRACTS  
BY  
STRUCTURAL POSITION  
SCHEDULE II

LAND SUBDIVISION	TRACT		LAND SUBDIVISION STRUCTURAL POSITION WEIGHTING FACTOR	TRACT STRUCTURAL POSITION WEIGHTED ACREAGE (3) x (4)
	NO.	SURFACE AREA (ACRES)		
(1)	(2)	(3)	(4)	(5)
Sec. 28: E 1/2	20	207.46	2.18	452.26
Sec. 28: W 1/2	20	208.22	2.78	578.85
Sec. 29: E 1/2	18	208.60	3.50	730.10
Sec. 29: W 1/2	18	208.60	4.80	1001.28
Sec. 30: E 1/2	18	208.17	6.83	1421.80
Sec. 30: W 1/2	18	207.31	5.98	1239.71
<u>T-27N, R-1W</u>				
Sec. 13: SE 1/4	17	160.00	-0-	-0-
Sec. 24: NE 1/4	21	160.00	0.35	56.00
Sec. 24: SE 1/4	21	160.00	1.60	256.00
Sec. 25: SE 1/4	21	<u>206.78</u>	2.03	<u>419.76</u>
TOTAL		9,769.02		43,119.28

	<u>AMOUNT</u>	<u>PERCENT</u>
INDIAN	23,432.56	54.343579
FEDERAL	16,430.93	38.105762
FEE	<u>3,255.79</u>	<u>7.550659</u>
	43,119.28	100.000000

EAST PUERTO CHIQUITO MANCOS UNIT  
WEIGHTING OF TRACTS  
 BY  
STRUCTURAL POSITION  
SCHEDULE II

EXHIBIT C: PART III  
TO UNIT AGREEMENT FOR THE

EAST PUERTO CHIQUITO MANCOS UNIT

SUMMARY OF STRUCTURAL POSITION WEIGHTED ACRES

(SCHEDULE III)

WEIGHTED ACREAGE FROM  
SCHEDULE II

<u>TRACT NO.</u>	<u>SECTION</u>	<u>1/4 SECTION</u>	<u>PARCEL</u>	<u>TRACT TOTAL</u>
	<u>T-26N, R-1E</u>			
1	8	NW	632.00	
		SE	239.24	
	9	NW	101.38	
		SE	206.50	
	17	NW	368.00	1,547.12
2	8	NW	632.00	
		SE	86.09	
	9	NW	138.49	
		SE	191.75	1,048.33
3	4	NE	47.62	
		SW	267.25	
	5	NE	543.25	
		SW	1,192.00	2,050.12
4	6	NE	982.27	982.27
4-A	6	NW	353.76	
	7	NE	707.20	1,060.96
5	6	SW	77.76	
		SE	434.40	
	7	SE	160.00	672.16



WEIGHTED ACREAGE FROM  
SCHEDULE II

<u>TRACT NO.</u>	<u>SECTION</u>	<u>1/4 SECTION</u>	<u>PARCEL</u>	<u>TRACT TOTAL</u>
6	6	SW	77.68	
		SE	434.40	
	7	SE	160.00	672.08
7	15	SW	99.20	
	16	SE	356.00	
		NW	480.00	935.20
8	16	NE	304.00	304.00
9	15	NW	124.00	
		SW	198.40	
	16	SE	356.00	
		NW	480.00	1,158.40
10	16	NE	304.00	304.00
11	15	NW	62.00	
	17	NW	368.00	430.00
12	8	NE	395.18	
		SW	237.41	
	10	NW	14.00	
	15	SW	99.20	745.79
13	5	NW	1,039.65	
		SE	379.47	1,419.12

EAST PUERTO CHIQUITO MANCOS UNIT  
SUMMARY OF STRUCTURAL POSITION WEIGHTED ACRES  
SCHEDULE III

WEIGHTED ACREAGE FROM  
SCHEDULE II

<u>TRACT NO.</u>	<u>SECTION</u>	<u>1/4 SECTION</u>	<u>PARCEL</u>	<u>TRACT TOTAL</u>
14	4	NE	26.00	
		NW	310.64	
		SE	96.25	
	8	SW	459.82	
	9	NE	70.00	
	17	NE	650.40	1,613.11
15	8	NE	275.83	
	9	NE	70.00	
		SW	104.04	
	15	NW	62.00	511.87
16	9	NE	140.00	
	10	NW	42.00	
		SW	144.00	
	17	NE	650.40	976.40
<u>T-27N, R-1W</u>				
17	13	SE	-0-	-0-
<u>T-27N, R-1E</u>				
18	19	NE	1,140.80	
		NW	508.80	
		SW	972.80	
		SE	1,312.00	

EAST PUERTO CHIQUITO MANCOS UNIT  
SUMMARY OF STRUCTURAL POSITION WEIGHTED ACRES  
SCHEDULE III

WEIGHTED ACREAGE FROM  
SCHEDULE II

<u>TRACT NO.</u>	<u>SECTION</u>	<u>1/4 SECTION</u>	<u>PARCEL</u>	<u>TRACT TOTAL</u>
18	20	NE	1,240.00	
		NW	1,340.80	
		SW	1,096.00	
		SE	1,008.00	
	29	E 1/2	730.10	
		W 1/2	1,001.28	
	30	E 1/2	1,421.80	
		W 1/2	1,239.71	13,012.09
19	17	SW	1,360.00	
		SE	1,155.20	
	18	SW	232.00	
		SE	947.20	3,694.40
20	21	NE	784.00	
		NW	1,040.00	
		SW	908.80	
		SE	720.00	
	28	E 1/2	452.26	
		W 1/2	578.85	4,483.91
	<u>T-27N, R-1W</u>			
21	24	NE	56.00	
		SE	256.00	
	25	SE	419.76	731.76

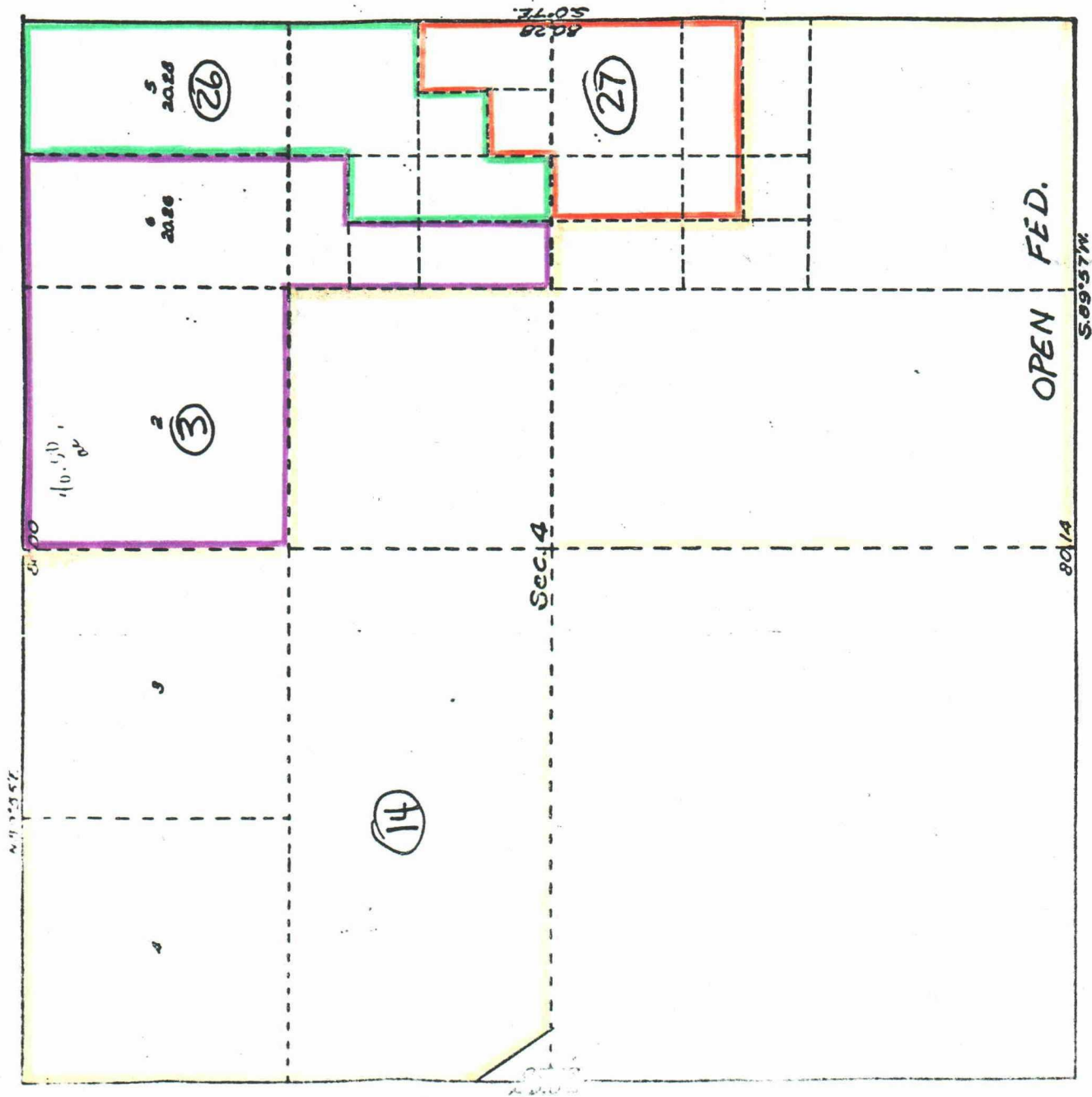
EAST PUERTO CHIQUITO MANCOS UNIT  
SUMMARY OF STRUCTURAL POSITION WEIGHTED ACRES  
SCHEDULE III

WEIGHTED ACREAGE FROM  
SCHEDULE II

<u>TRACT NO.</u>	<u>SECTION</u>	<u>1/4 SECTION</u>	<u>PARCEL</u>	<u>TRACT TOTAL</u>
<u>T-27N, R-1E</u>				
22	16	SW	883.20	
		SE	627.20	1,510.40
<u>T-26N, R-1E</u>				
23	8	SW	278.77	
		SE	818.39	1,097.16
24	4	NW	3.08	
		SW	148.75	
	5	NE	115.54	
		SE	412.53	
	8	NE	272.99	
		SE	0.29	
	9	NW	372.93	
		SW	23.46	1,349.57
25	9	SW	688.50	
		SE	73.75	762.25
26	4	NE	26.18	26.18
27	4	NE	4.88	
		SE	15.75	<u>20.63</u>
				43,119.28

EAST PUERTO CHIQUITO MANCOS UNIT  
SUMMARY OF STRUCTURAL POSITION WEIGHTED ACRES  
SCHEDULE III

T. 26 N  
R. 1 E



#6943

01 CONSERVATION DIVISION  
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BENSON-MONTIN-GREER DRILLING CORP.

221 PETROLEUM CENTER BUILDING, FARMINGTON, NM. 87401 505 325 8874

April 9, 1992

4-17-92  
D - Unit letter  
The R

U.S. Department of the Interior  
Bureau of Land Management  
1235 La Plata Highway  
Farmington, NM 87401  
Attention: John Keller  
Chief, Branch of Minerals

New Mexico Commissioner of Public Lands  
State Land Office  
P.O. Box 1148  
Santa Fe, NM 87501  
Attention: Floyd O. Prando, Director  
Oil and Gas Division

✓ New Mexico Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501  
Attention: Roy E. Johnson  
Senior Petroleum Geologist

Re: EAST PUERTO CHIQUITO MANCOS  
UNIT: 1992 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 1992.

1. Summary of Operations:

No changes have been made in the geologic interpretations, wells or participating area boundaries, so no new maps are submitted. Gas injection is continuing.

2. Listing of status of all wells:

Listing of status of all wells is enclosed here as Schedule I.

*BENSON-MONTIN-GREER DRILLING CORP.*

Bureau of Land Management  
New Mexico Commissioner of Public Lands  
New Mexico Oil Conservation Division

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April 9, 1992

3. Performance curves:

Production curves, along with injectivity, are also enclosed.

4. Plans for development:

We plan to continue extending the gas gathering system and water injection system. We expect to be injecting water in 1992.

5. Effectiveness of enhanced recovery project:

Set out on Schedule II are current and cumulative oil, gas and water production and gas injection rates.

We hereby respectfully request your approval of this 1992 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

ARG/tlp

Enclosures

# SCHEDULE I

## EAST PUERTO CHIQUEITO MANCOS UNIT STATUS OF WELLS

# 1 (L-29)	SW/SW 29-27N-1E	Plugged and Abandoned.
# 2 (G-29)	SW/NE 29-27N-1E	Gas Injection well.
# 3 (C-29)	NE/NW 29-27N-1E	SI - to be put on production by gas lift.
# 4 (K-29)	SE/SW 29-27N-1E	SI - to be put on production by gas lift.
# 5 (A-29)	NE/NE 29-27N-1E	SI - to be put on production by gas lift.
# 6 (I-29)	SE/SE 29-27N-1E	Plugged and Abandoned.
# 7 (N-20)	SE/SW 20-27N-1E	Shut in.
# 8 (P-19)	SE/SE 19-27N-1E	SI - to be put on production by gas lift.
# 9 (H-30)	SE/NE 30-27N-1E	Producing, to be put on production by gas lift.
#10 (H-20)	SE/NE 20-27N-1E	SI - to be put on production by gas lift.
#11 (P-20)	SE/SE 20-27N-1E	SI - to be put on production by gas lift.
#12 (H-19)	SE/NE 19-27N-1E	Shut in.
#13 (F-30)	SE/NW 30-27N-1E	Producing.
#14 (N-19)	SE/SW 19-27N-1E	Producing.
#15 (M-21)	SW/SW 21-27N-1E	SI - to be put on production by gas lift.
#16 (C-28)	NE/NW 28-27N-1E	Shut in.
#17 (O-17)	SW/SE 17-27N-1E	SI - to be put on production by gas lift.
#18 (P-13)	SE/SE 13-27N-1W	SI - preparing to convert to water injection.
#19 (H-25)	SE/NE 25-27N-1W	SI - preparing to convert to water injection.
#20 (D-4)	NW/NW 4-26N-1E	Plugged and Abandoned.
#21 (B-5)	NW/NE 5-26N-1E	SI - to be put on production by gas lift.
#22 (C-5)	NE/NW 5-26N-1E	SI - to be put on production by gas lift.
#23 (H-6)	SE/NE 6-26N-1E	Shut in.
#24 (F-6)	SE/NW 6-26N-1E	SI - preparing to convert to water injection.
#25 (I-6)	NE/SE 6-26N-1E	SI - to be put on production by gas lift.
#26 (F-5)	SE/NW 5-26N-1E	Plugged and Abandoned.
#27 (H-5)	SE/NE 5-26N-1E	Shut in.
#28 (D-9)	NW/NW 9-26N-1E	Shut in.
#29 (F-9)	SE/NW 9-26N-1E	Shut in.
#30 (I-8)	NE/SE 8-26N-1E	Producing.
#31 (P-9)	SE/SE 9-26N-1E	Shut in.
#32 (H-16)	SE/NE 16-26N-1E	Shut in.
#33 (P-5)	SE/SE 5-26N-1E	Temporarily abandoned.
#34 (K-5)	NE/SW 5-26N-1E	SI - to be reworked.
#35 (M-9)	SW/SW 9-26N-1E	Temporarily abandoned.
#36 (J-7)	NW/SE 7-26N-1E	Not drilled - location only.
#37 (C-8)	NE/NW 8-26N-1E	Shut in.
#38 (H-8)	SE/NE 8-26N-1E	Producing.
#39 (E-21)	SW/NW 21-27N-1E	Shut in.
#40 (E-19)	SW/NW 19-27N-1E	Shut in.
#41 (F-20)	SE/NW 20-27N-1E	SI - to be put on production by gas lift.
#42 (O-21)	SW/SE 21-27N-1E	Temporarily abandoned.
#43 (L-28)	SW/SW 28-27N-1E	Plugged and Abandoned.
#44 (P-18)	SE/SE 18-27N-1E	Plugged and Abandoned.



SCHEDULE II

EAST PUERTO CHIQUITO MANCOS UNIT  
1991 PRODUCTION STATISTICS

	<u>Oil</u> (BOPM)	<u>Gas</u> (MCF/M)	<u>Water</u> (BWPM)	<u>Gas</u> <u>Injection</u> (MCF/M)
January	1156	472	40	183
February	896	251	33	0
March	1387	2907	51	2772
April	2557	5960	78	5688
May	1434	5919	7	5644
June	1582	5455	0	5149
July	1745	6036	0	5725
August	1680	5723	0	5440
September	1596	5311	0	5073
October	1440	4607	0	4352
November	619	174	0	0
December	<u>851</u>	<u>55</u>	<u>0</u>	<u>0</u>
Total	16943	42870	209	40026
Cum. Since 5/81	557643	294736	28738	128396

# EAST PUERTO CHIQUITO MANCOS UNIT 1991 PRODUCTION

