

March 7, 2003

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  
1220 S. St. Francis Drive  
Santa Fe, NM 87504  
Attention: Roy E. Johnson  
Senior Petroleum Geologist

Re: EAST PUERTO CHIQUITO MANCOS  
UNIT: 2003 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 2003.

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:

The East Puerto Chiquito Mancos Unit has been approved as a tertiary recovery project. Injection of tertiary chemicals has been delayed pending settlement with the Jicarilla Tribe. Injection may start 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 or NaOH and a surfactant.

Tertiary activities will continue to be reported in annual Plans of Development.

5. Effectiveness of enhanced recovery project (pressure maintenance by gas injection and water flood:

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

6. Disposition of shut in wells

During 2003, plans are to either plug, temporarily abandon or convert the following wells to injection wells:

#3 (C-29), #4 (K-29), #5 (A-29), #8 (P-19), #10 (H-20), #11 (P-20), #15 (M-21), #16 (C-28), #17 (O-17), #18 (P-13), #21 (B-5), #22 (C-5), #25 (I-6), #27 (H-5), #39 (E-21), #41 (F-20)

We hereby respectfully request your approval of this 2003 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:   
Albert R. Greer, President

ARG/tlp

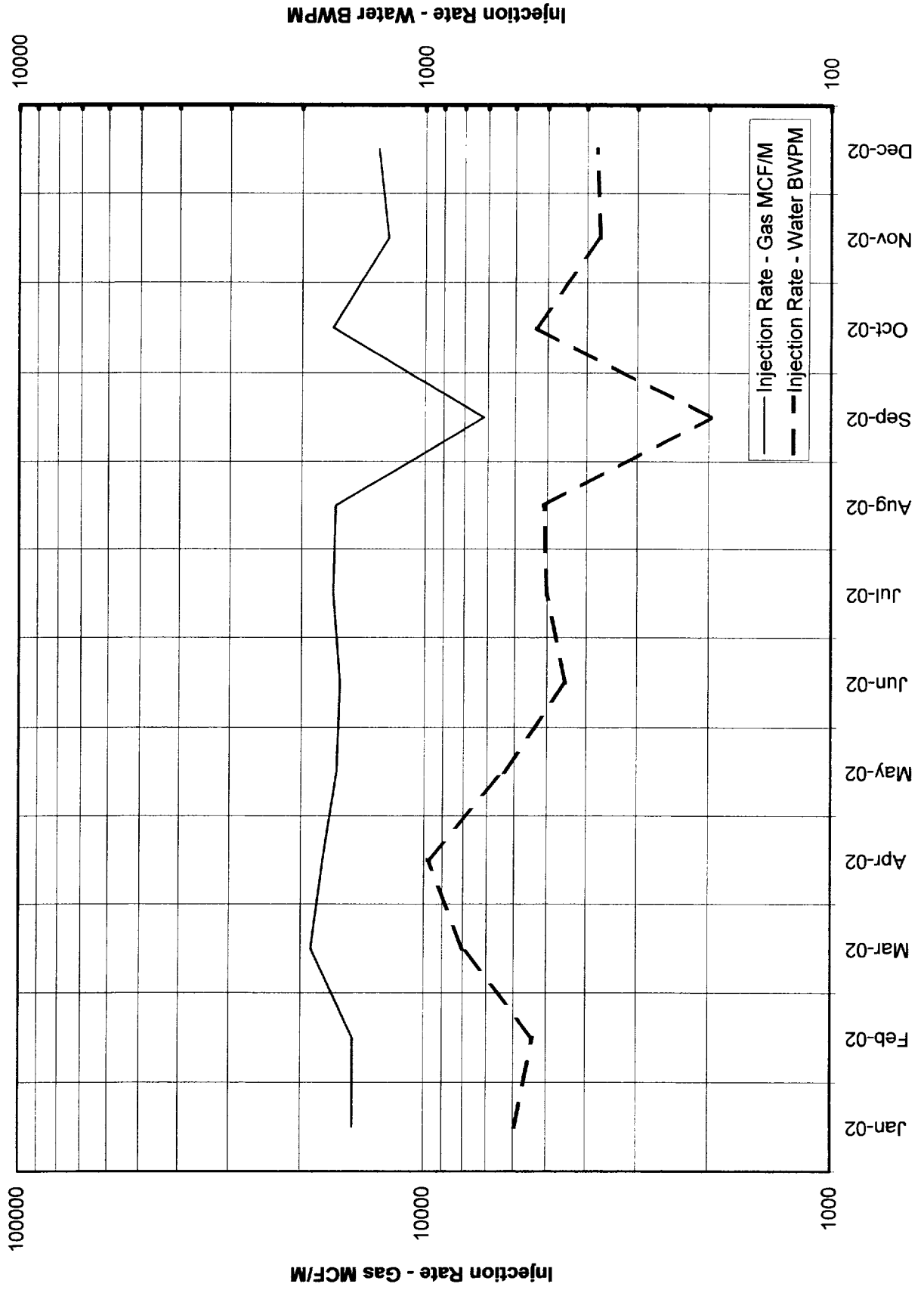
Enclosures

# SCHEDULE I

## EAST PUERTO CHIQUITO MANCOS UNIT STATUS OF WELLS

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

# East Puerto Chiquito Mancos Unit 2002 Gas and Water Injection



## SCHEDULE II

<b>EAST PUERTO CHIQUITO MANCOS UNIT</b>
<b>2002 PRODUCTION STATISTICS</b>

	Oil (BOPM)	Gas (MCF/M)	Water (BWPM)	Gas Injection (MCF/M)	Water Injection (BWPM)
January	977	15323	597	14891	597
February	1132	15285	539	14903	539
March	1342	19340	801	18866	801
April	822	18165	980	17673	980
May	1160	16797	639	16361	639
June	1307	16491	450	16065	450
July	846	17197	502	16739	502
August	913	17019	509	16531	509
September	808	7467	198	7165	198
October	1047	17164	536	16792	536
November	703	12531	371	12321	371
December	780	16350	378	16010	378
Totals	11837	189129	6500	184317	6500
Cum. Since 5/81	818550	2306785	144290	1900364	113557

March 22, 2002

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  
1220 S. St. Francis Drive  
Santa Fe, NM 87504  
Attention: Roy E. Johnson  
Senior Petroleum Geologist

Re: EAST PUERTO CHIQUITO MANCOS  
UNIT: 2002 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 2002.

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.

Wells #23 (H-6), #31 (P-9) and #32 (H-16) were plugged and abandoned September, 2001.

3. Performance curves:

Production curves, along with injectivity, are also enclosed.

4. Plans for development:

The East Puerto Chiquito Mancos Unit has been approved as a tertiary recovery project. Injection of tertiary chemicals has been delayed pending settlement with the Jicarilla Tribe.

We propose the injection of tertiary chemicals whenever settlement is reached with the Jicarilla Tribe over tertiary matters. 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 continue to be reported in annual Plans of Development.

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 2002 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY: \_\_\_\_\_

  
Albert R. Greer, President

ARG/tlp

Enclosures

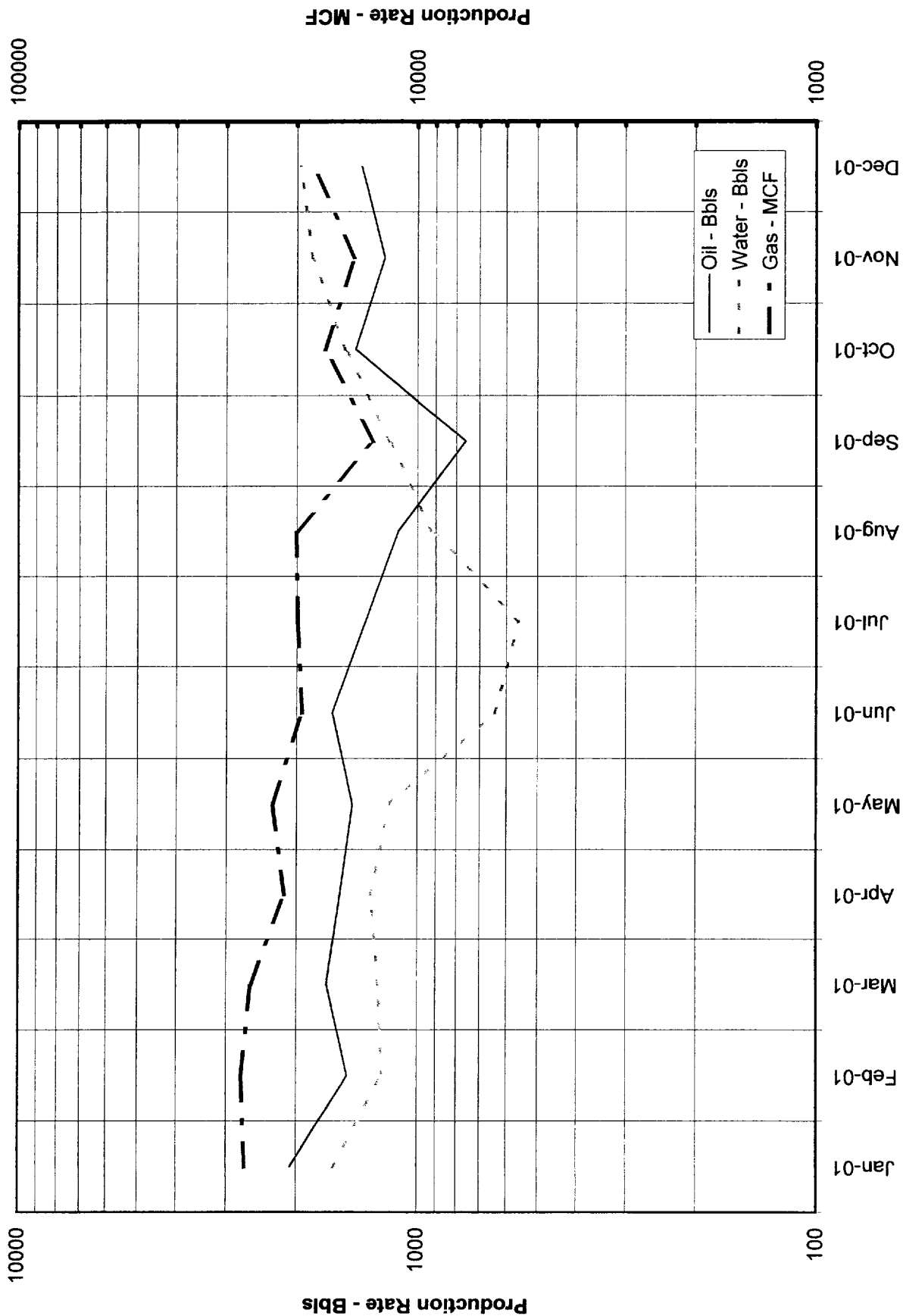
# SCHEDULE I

## EAST PUERTO CHIQUITO MANCOS UNIT STATUS OF WELLS

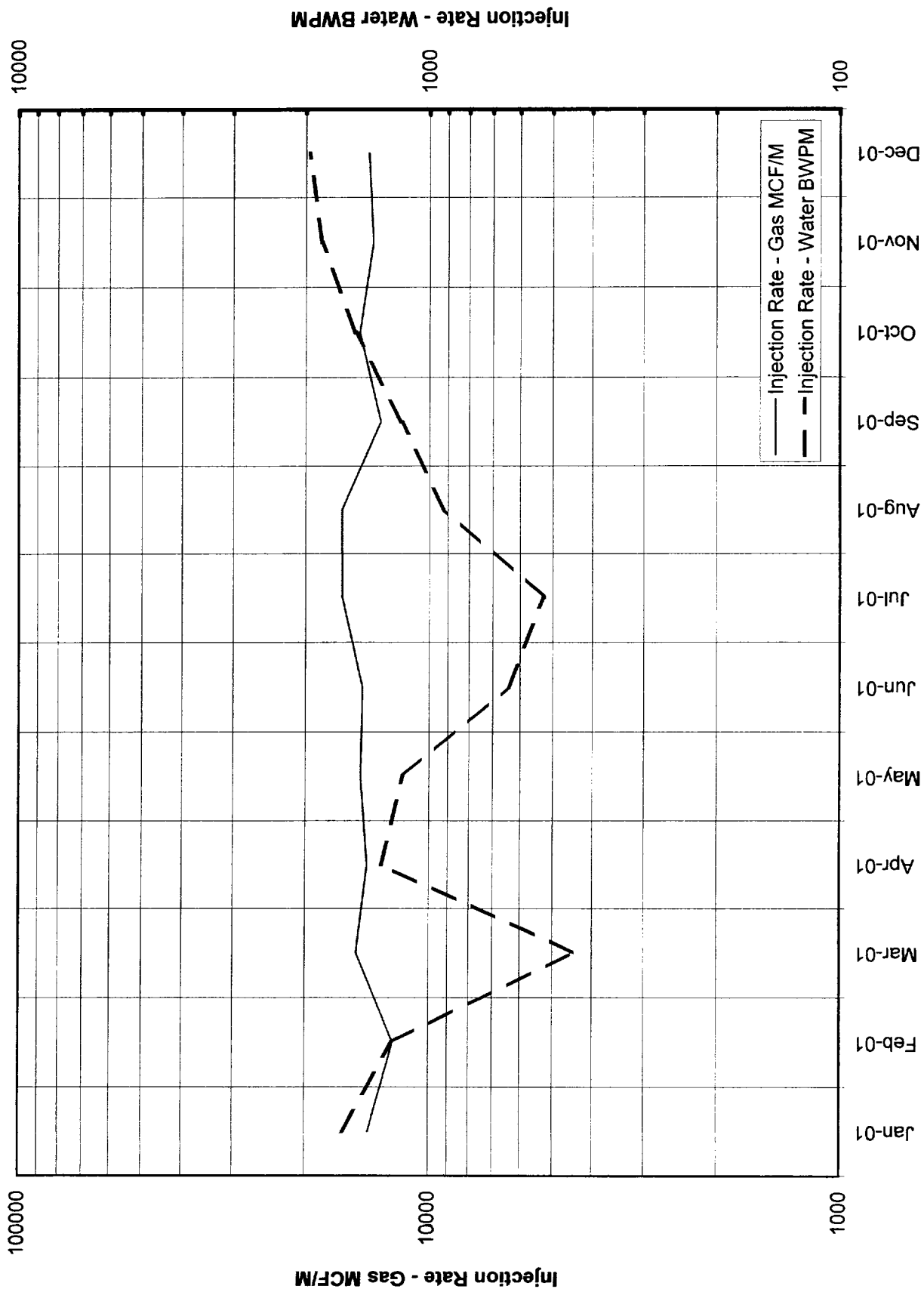
Well Name	Location - Sec. - Twp - Range	Status
#1 (L-29)	SW/SW Sec. 29, T-27N, R-1E	Plugged and Abandoned
#2 (G-29)	SW/NE Sec. 29, T-27N R-1E	Gas Injection Well
#3 (C-29)	NE/NW Sec. 29, T-27N, R-1E	SI - to be put on production by gas lift
#4 (K-29)	SE/SW Sec. 29, T-27N, R-1E	SI - to be put on production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



# East Puerto Chiquito Mancos Unit 2001 Production



# East Puerto Chiquito Mancos Unit 2001 Gas and Water Injection



## SCHEDULE II

<b>EAST PUERTO CHIQUITO MANCOS UNIT</b>
<b>2001 PRODUCTION STATISTICS</b>

	Oil (BOPM)	Gas (MCF/M)	Water (BWPM)	Gas Injection (MCF/M)	Water Injection (BWPM)
January	2071	14416	1168	13986	1138
February	1494	12627	1380	12201	1380
March	1684	15384	1340	14986	1340
April	1560	14554	1110	14136	1110
May	1454	15354	1202	14656	1202
June	1632	14940	1103	14528	1103
July	1350	16707	954	16279	954
August	1117	16723	695	16323	695
September	759	13524	586	13140	586
October	1431	15210	815	14782	815
November	1211	14145	552	13729	552
December	1383	14476	554	14062	554
Totals	17146	178060	11459	172808	11429
Cum. Since 5/81	806713	2117656	137790	1716047	107057

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**BMG**

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ok'd 2/20/98

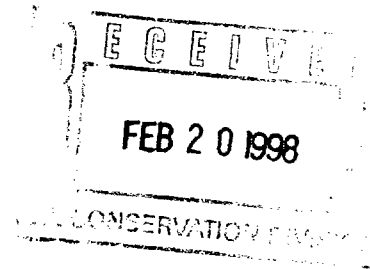
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**BENSON-MONTIN-GREER DRILLING CORP.**

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February 19, 1998

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: 1998 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 1998.

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. We plan to plug two wells this year.

5. Effectiveness of enhanced recovery project:

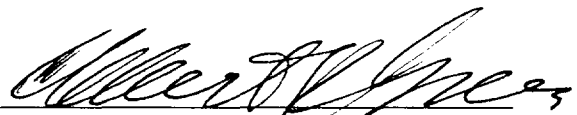
Set out on Schedule II are current and cumulative oil, gas and water production and gas and water injection rates.

We hereby respectfully request your approval of this 1998 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:



Albert R. Greer, President

ARG/tlp

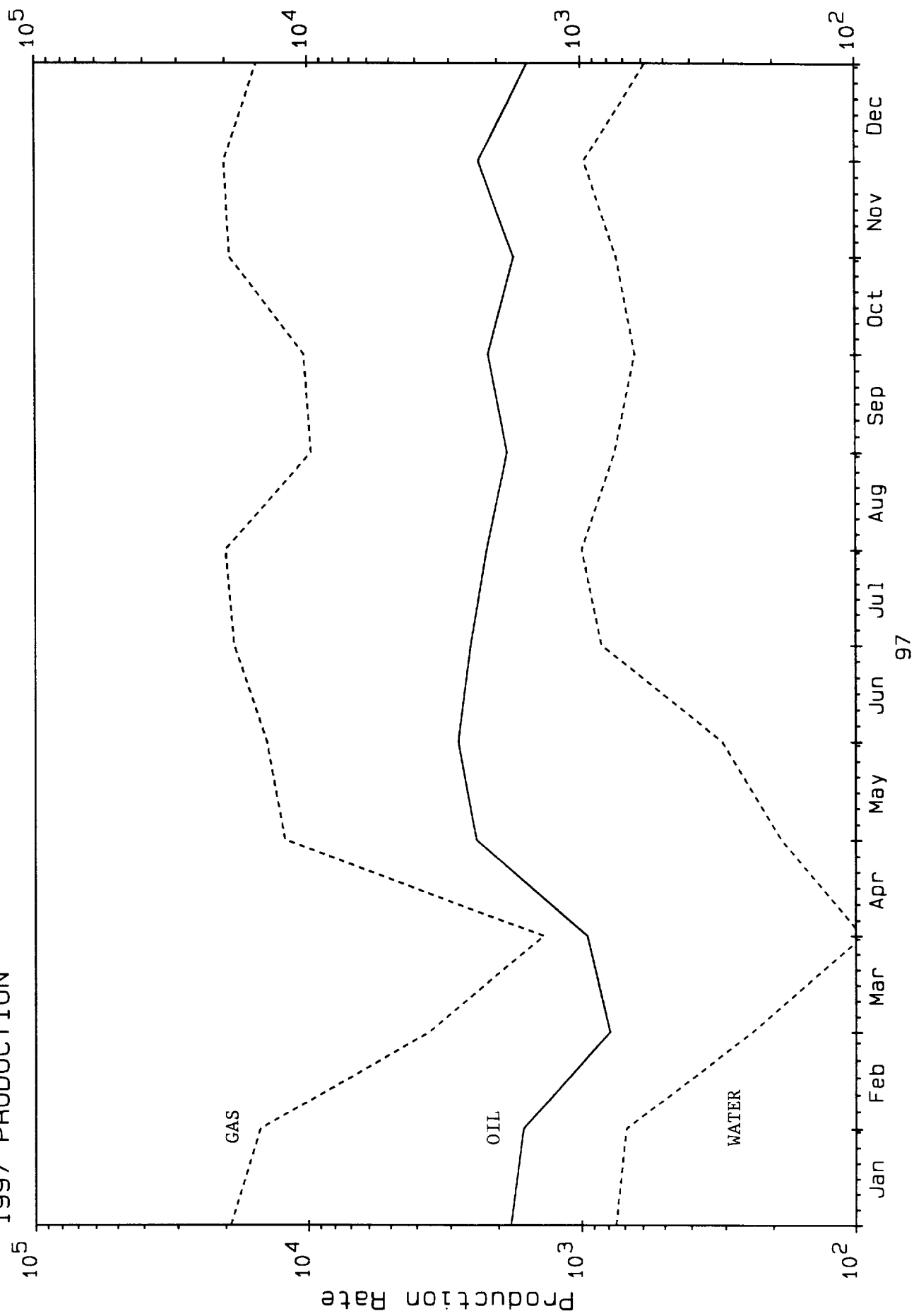
Enclosures

## SCHEDULE I

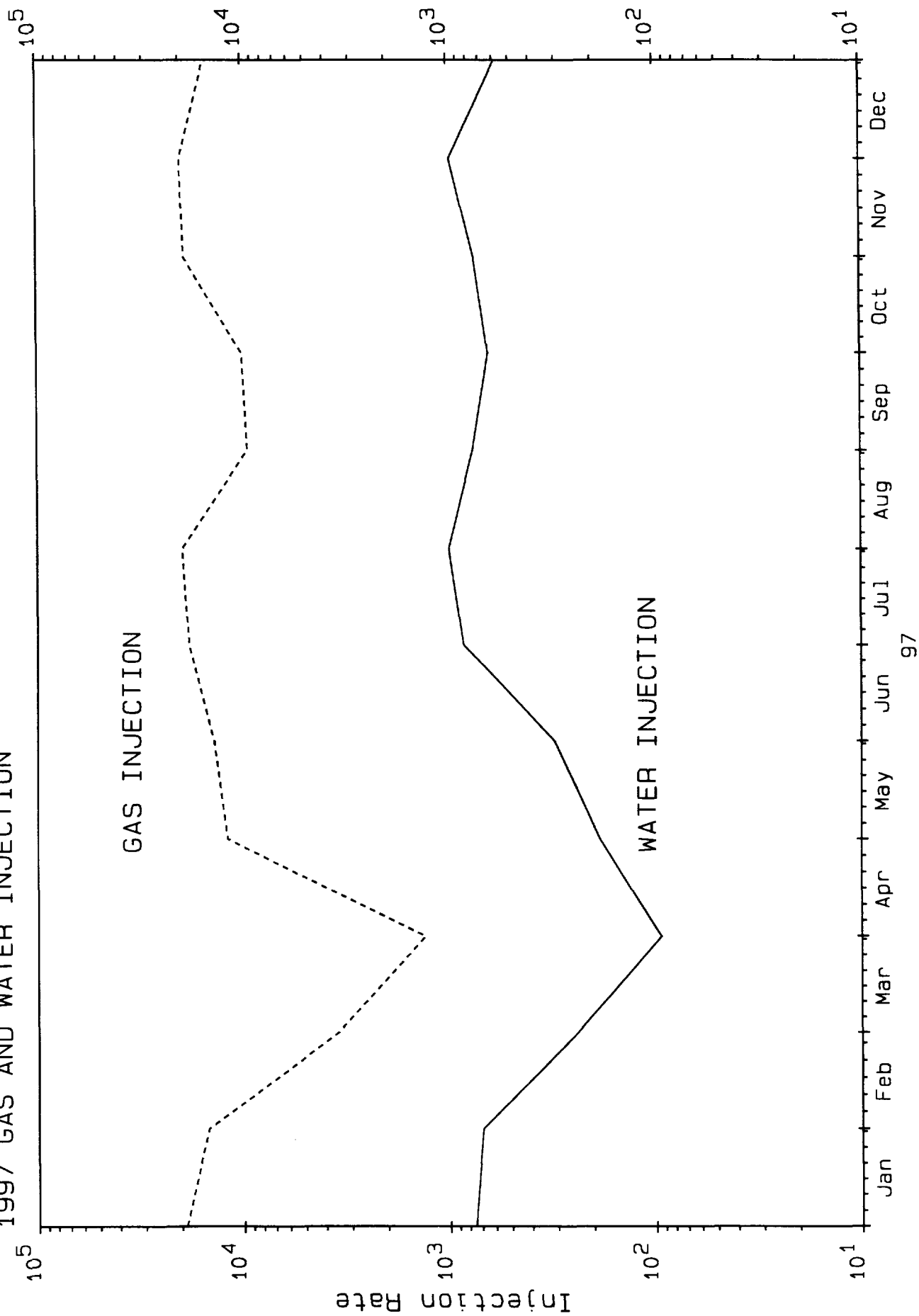
### EAST PUERTO CHIQUITO MANCOS UNIT STATUS OF WELLS

# 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  
1997 PRODUCTION



EAST PUERTO CHIQUITO MANCOS UNIT  
1997 GAS AND WATER INJECTION





SCHEDULE II

EAST PUERTO CHIQUITO MANCOS UNIT  
1997 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	1628	15027	691	14787	691
February	790	3582	239	3472	239
March	954	1371	94	1313	94
April	2405	12167	186	11911	186
May	2803	14189	308	13849	308
June	2522	18621	847	18225	847
July	2204	20026	996	19626	996
August	1854	9737	758	9441	758
September	2167	10347	638	10033	638
October	1746	19273	744	19035	744
November	2339	20111	968	19797	968
December	<u>1555</u>	<u>15345</u>	<u>582</u>	<u>15033</u>	<u>582</u>
Total	22967	159796	7051	156522	7051
Cum. Since 5/81	729730	1308769	81877	1011882	52021

#1994

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

DATE: 11 0 02

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

February 20, 1996

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: 1996 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 1996.

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 Oil Conservation Division

February 20, 1996  
Page No. 2

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 1996 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

ARG/tlp

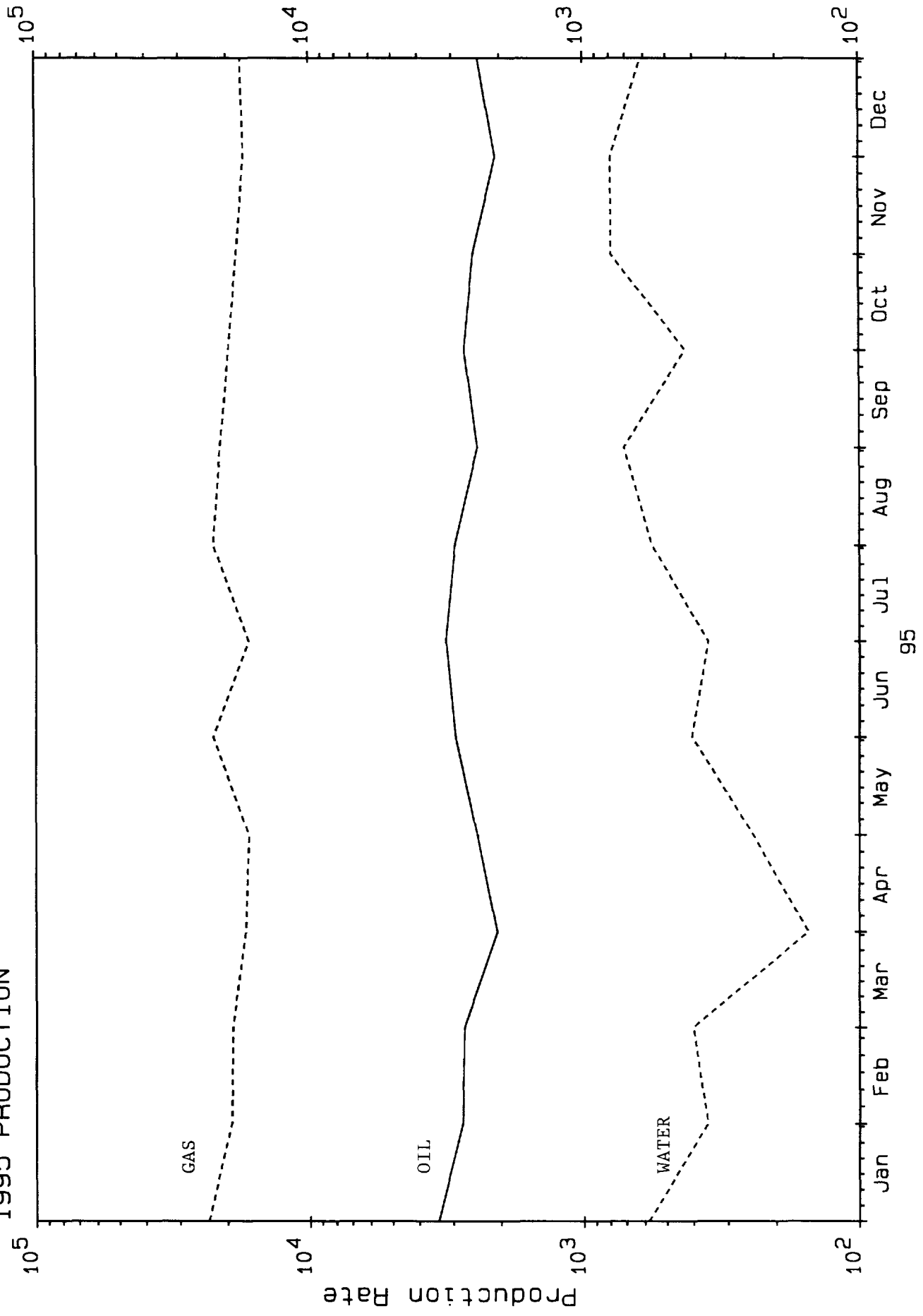
Enclosures

# SCHEDULE I

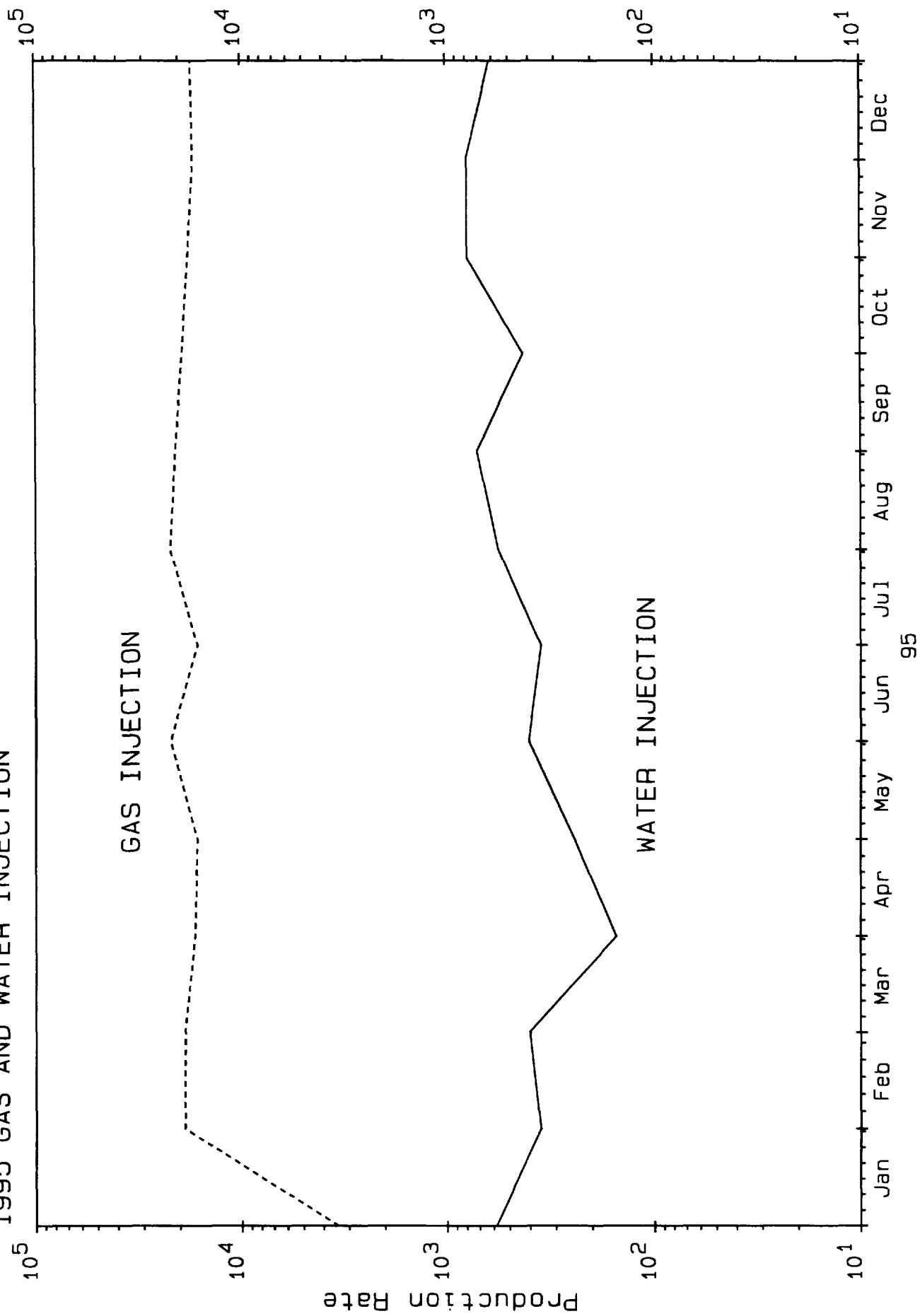
## EAST PUERTO CHIQUITO MANCOS UNIT STATUS OF WELLS

# 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.
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#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.
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#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.
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#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.
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#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  
1995 PRODUCTION



EAST PUERTO CHIQUITO MANCOS UNIT  
1995 GAS AND WATER INJECTION



SCHEDULE II

EAST PUERTO CHIQUITO MANCOS UNIT  
1995 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	2768	19370	355	18994	355
February	2722	19162	401	18868	401
March	2066	17182	153	16898	153
April	2442	16734	243	16438	243
May	2926	22546	405	22190	405
June	3172	16749	353	16421	353
July	2942	22577	564	22217	564
August	2428	21240	712	20884	712
September	2705	19710	427	19362	427
October	2503	18405	791	18091	791
November	2070	17269	791	16985	791
December	<u>2394</u>	<u>17712</u>	<u>613</u>	<u>17394</u>	<u>613</u>
Total	31138	228656	5808	224742	5808
Cum. Since 5/81	681982	963878	64220	674213	34364

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

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

May 26, 1995

6/8/95  
D-  
Unit letters  
149  
R9

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: 1995 PLAN OF DEVELOPMENT

Gentlemen:

Set out below is Summary of Operations and Operator's proposed Plan of Development for 1995.

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 26, 1995

2. Listing of status of all wells:

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

3. Performance curves:

enclosed. Production curves, along with injectivity, are also

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 1995 Plan of Development.

Yours truly,

BENSON-MONTIN-GREER DRILLING CORP.

BY:

  
Albert R. Greer, President

ARG/tlp

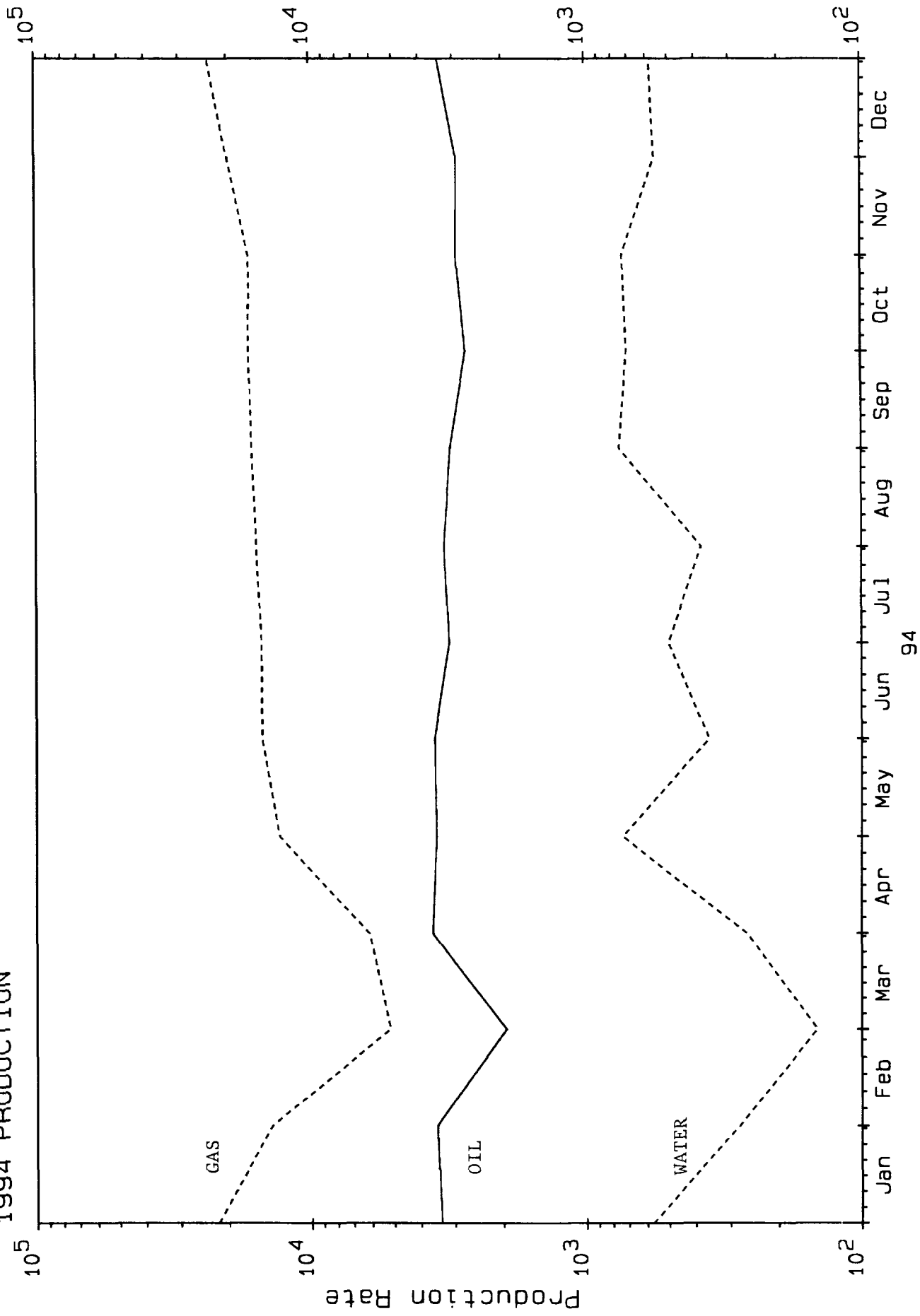
Enclosures

SCHEDULE I

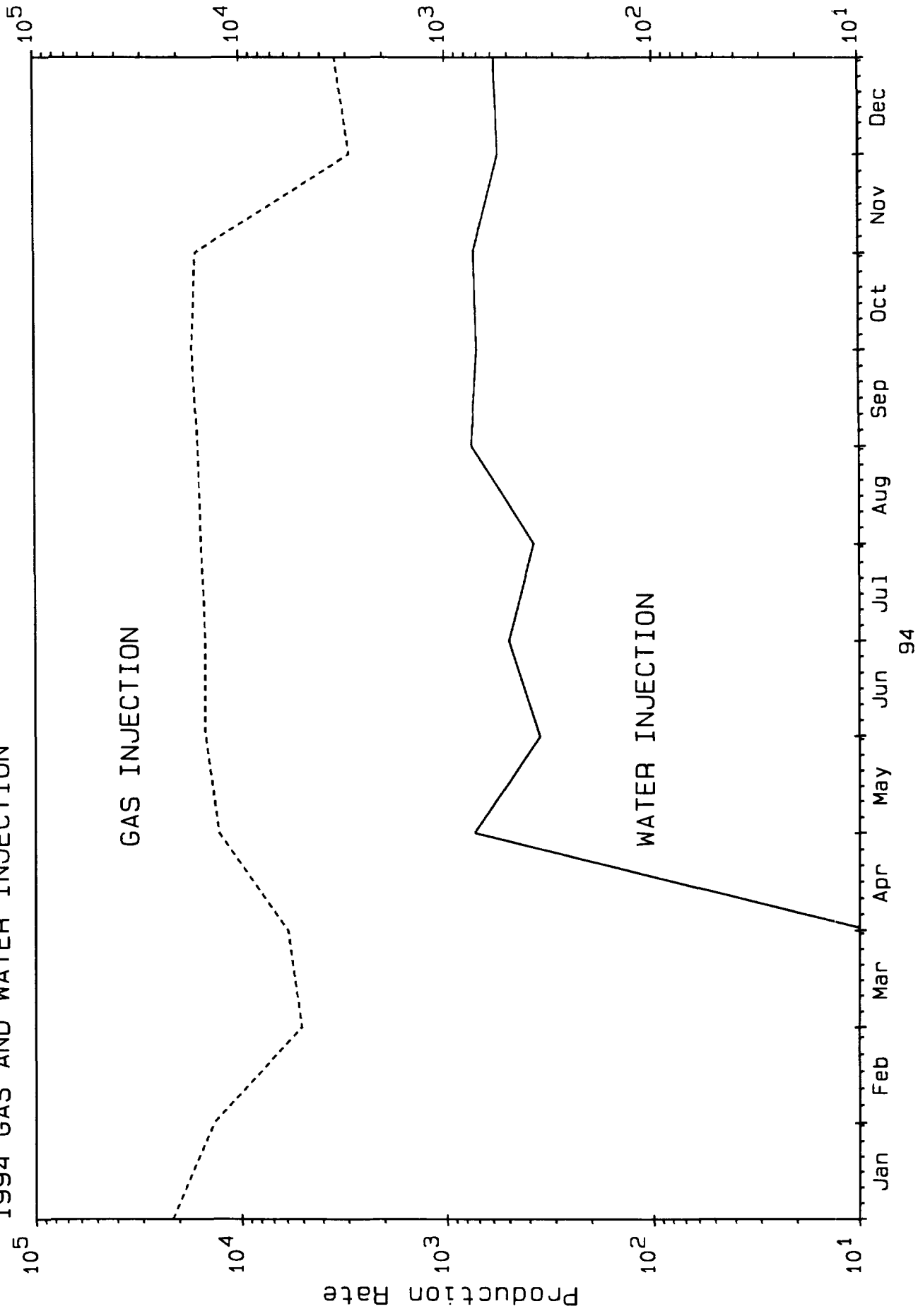
EAST PUERTO CHIOUITO MANCOS UNIT  
STATUS OF WELLS

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#18 (P-13)	SE/SE	13-27N-1W	SI - preparing to convert to water injection.
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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	Shut in.
#24 (F-6)	SE/NW	6-26N-1E	Water injection well.
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#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.
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EAST PUERTO CHIQUITO MANCOS UNIT  
1994 PRODUCTION



EAST PUERTO CHIQUITO MANCOS UNIT  
1994 GAS AND WATER INJECTION

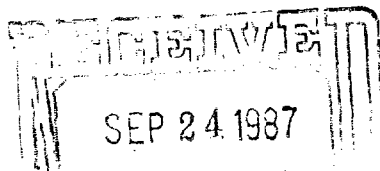


SCHEDULE II

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	3480	13911	277	13631	0
February	1949	5145	145	5085	0
March	3600	6124	260	5914	0
April	3487	13034	735	12810	735
May	3538	15126	356	14872	356
June	3125	15162	501	14914	501
July	3262	15832	380	15562	380
August	3083	16380	755	16106	755
September	2705	17097	709	16787	709
October	2916	16720	731	16440	731
November	2901	19884	557	2901	557
December	<u>3390</u>	<u>23431</u>	<u>580</u>	<u>3390</u>	<u>580</u>
Total	37436	177846	5986	138412	5304
Cum. Since 5/81	650844	735222	58412	449471	28556

1994

Puerto Chiquito (EA)  
3100 (015)

SEP 21 1987

BRINSON-MONTIN-GREEN DRILLING CORP.

ATTN: Al Greer

221 Petroleum Center Building  
Farmington, NH 07401

Gentlemen:

We have received your letter dated July 28, 1987 concerning the Puerto Chiquito and East Puerto Chiquito Mancos Units. Upon reviewing the unit files, the following information was obtained.

The Puerto Chiquito Unit was approved on May 27, 1960. The unit was contracted to 40.31 acres effective September 9, 1960. In an amended application for the proposed East Puerto Chiquito Mancos Unit dated July 10, 1980, B-M-G stated that the proposed unit covered land in the Puerto Chiquito Unit. It was also requested in the application that when the secondary recovery unit was approved, the Puerto Chiquito Unit would be terminated.

A review of the East Puerto Chiquito Mancos unit files and the Puerto Chiquito unit files indicates that the termination action never occurred. Even though the appropriate language was not added to the East Puerto Chiquito Mancos Unit, it is clear from the original correspondence and your letter of July 28, 1987 that it was the intention of all parties involved that the Puerto Chiquito Unit terminate and the lands be included in the East Puerto Chiquito Mancos Unit.

Therefore, we will consider the Puerto Chiquito Unit agreement No. 14-08-0001-6787 to have terminated on April 30, 1981, the date the East Puerto Chiquito Mancos Unit was approved. If you have any questions, please contact Robert Kent at the above address or telephone (505) 741-4501.

Sincerely,

(Orig. Signed) - Sid Vogelpohl

Assistant District Manager  
Mineral Resources

cc:

NM-016

NMOCB

Cartographics

OIS:RKent:rvh:9-17-87:3460M



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

1994  
June 24, 1968

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

Attention: Mr. Albert R. Greer

Gentlemen:

Your letter of June 19 advises that as operator of the Puerto Chiquito unit, Rio Arriba County, New Mexico, you have determined that unit well No. 21 (P-9) in the SE $\frac{1}{4}$  sec. 9, T. 26 N., R. 1 E., N.M.P.M., lease Santa Fe 079288-E, is not capable of producing unitized substances in paying quantities from the Gallup formation.

Unit well No. 21 was completed on June 10, 1968, for an initial potential of 12 barrels of oil per day from the Gallup 1,682 - 1,938 feet. Extensive treating and testing was performed on well No. 21 prior to final completion.

This office concurs with your determination that unit well No. 21 is not capable of producing unitized substances in paying quantities from the Gallup under existing conditions.

Sincerely yours,

(ORIG. SGE) JOHN A. ANDERSON

JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

cc:  
Washington (w/cy ltr.)  
Farmington (w/cy ltr.)  
NMOCC, Santa Fe (ltr. only) ✓  
Accounts



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
1962 JUL 11 AM 10:10  
Roswell, New Mexico

July 5, 1962

Standard Oil Company of Texas  
P. O. Box 1660  
Midland, Texas

Attention: Mr. J. P. Jones

Gentlemen:

Your 1962 plan of development, dated June 22, 1962, for the  
Puerto Chiquito unit area Rio Arriba County, New Mexico, which  
proposes the drilling of one well, has been approved on this  
date.

Two approved copies of the plan are enclosed.

Very truly yours,

(Orig. Sgd.) JOHN A. ANDERSON

JOHN A. ANDERSON

Copy to: Washington (w/cy of plan)  
Farmington (w/cy of plan)  
NMOC-Santa Fe (ltr. only)  
Com. of Pub. Lands, Santa Fe (ltr. only)

JWSutherland:mlb



OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

*Case 1994*

June 2, 1960

Mr. W. H. Laird  
Intex Oil Company  
831 California Avenue  
Box 1411  
Bakersfield, California

Re: Representation in Puerto  
Chiquito Unit Case

Dear Sir:

Your application for approval of the  
Puerto Chiquito Unit Agreement has been docketed  
for June 22, 1960.

It is necessary that you have a lawyer  
admitted to practice in New Mexico to represent  
you at this hearing.

Very truly yours,

OLIVER E. PAYNE  
General Counsel

OEP:esx

*Docket  
Mailed  
6-9-60*

C

O

P

Y



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WASHINGTON 25, D. C.

JUN 6 1960

MAY 31 1960

Intex Oil Company  
Post Office Box 1411  
Bakersfield, California

Gentlemen:

On May 27, 1960, Arthur A. Baker, Acting Director of the Geological Survey, approved the Puerto Chiquito unit agreement, Rio Arriba, County, New Mexico, filed by your company as unit operator. This agreement has been designated No. 14-08-0001-6787, and is effective as of the date of approval.

Enclosed are three copies of the approved unit agreement for your records. It is requested that you furnish all interested principals with whatever evidence of this approval is deemed appropriate.

Very truly yours,

For the Director

Enclosures 3

BEFORE EXAMINER NUTTER	
OIL CONSERVATION COMMISSION	
<i>Exp</i>	EXHIBIT NO. <u>2</u>
CASE NO.	<u>1994</u>

INTEX OIL COMPANY

531 CALIFORNIA AVENUE

MAILING ADDRESS P. O. BOX 1411

BAKERSFIELD, CALIFORNIA

May 31, 1960

*Case  
1994*

State of New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Re: Puerto Chiquito Unit

Gentlemen:

We have reference to your letter of May 24, 1960, relating to our inquiry for approval by you of our so-called Puerto Chiquito Unit in Rio Arriba County, New Mexico.

Enclosed herewith is a plat which outlines the Unit Area in red and which was approved by the Director of the United States Geological Survey in Washington on Friday, May 27. The Unit Area comprises a total of (12,721.14) acres of which 11,831.79 acres are Public Domain lands and the balance, namely 889.35 acres, are Patented Fee lands. The Fee lands are colored in yellow on the attached plat.

This letter is for the purpose of making an application to you for public hearing on the Unit. From your letter, we understand that the next Examiner Hearing will be on June 22, and we would appreciate your advising us if we may participate in the hearing on that date, and if so the time of the hearing.

It is our understanding that Intex must be represented by a local New Mexico attorney, and we plan to have Mr. Dudley Cornell of 704 Simms Building, Albuquerque, New Mexico, represent us. In addition we will have Geological and Engineering personnel available to answer any questions relating to the Unit. Since your letter of the 24th made no indication of the necessity of a local attorney representing us, we would appreciate it if you would confirm that this is one of the requirements for the hearing.

Very truly yours,

INTEX OIL COMPANY

*W. H. Laird*  
W. H. Laird  
Vice President

WHL:pa

cc: Mr. Dudley Cornell  
Mr. Robert M. Muir

LAW OFFICES OF  
**CORNELL & CLAYBURGH**  
SUITE 704 SIMMS BUILDING  
ALBUQUERQUE, NEW MEXICO  
TELEPHONE 7-0193

DUDLEY CORNELL  
M. J. CLAYBURGH

July 18, 1960

Mr. Oliver E. Payne  
Attorney at Law  
Oil Conservation Commission  
State Capitol  
Santa Fe, New Mexico

Re: Order No. R-1712,  
Case No. 1994  
Intex Oil Company

Dear Mr. Payne:

Pursuant to our conversation of this date I am herewith enclosing photocopies of the signature pages of the parties who have executed and joined the Puerto Chiquito Unit Agreement prior to this date.

Very truly yours,

CORNELL & CLAYBURGH

By

  
Dudley Cornell

DC/l  
Encls.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed and have set opposite their respective names the date of execution.

Date of Signature and Address  
P. O. BOX 1411  
BAKERSFIELD, CALIFORNIA

(Date) APR 11 1960

(Date) APR 20 1960  
(Address) c/o Redwine & Redwine  
1618 N. Los Palms Avenue  
Hollywood, California  
ATTEST: \_\_\_\_\_  
Its \_\_\_\_\_

(Date) APR 19 1960  
(Address) c/o Redwine & Redwine  
1618 N. Los Palms Avenue  
Hollywood, California  
ATTEST: \_\_\_\_\_  
Its \_\_\_\_\_

(Date) APR 20 1960  
(Address) c/o Redwine & Redwine  
1618 N. Los Palms Avenue  
Hollywood, California  
ATTEST: \_\_\_\_\_  
Its \_\_\_\_\_

(Date) APR 20 1960  
(Address) c/o Redwine & Redwine  
1618 N. Los Palms Avenue  
Hollywood, California  
ATTEST: \_\_\_\_\_  
Its \_\_\_\_\_

UNIT OPERATOR

AND

WORKING INTEREST OWNER

INTEX OIL COMPANY

By [Signature]

Its Vice President

By Walter L. Rance

Its Secretary

WORKING INTEREST OWNERS

(Name) Douglas A. Kenaston

By [Signature]

Its Dorothy Belle Kenaston  
Dorothy Belle Kenaston, wife of  
Douglas A. Kenaston

(Name) Owyn Redwine

By Owyn Redwine

Its Marion Redwine  
Marion Redwine, wife of Owyn Redwine

(Name) John F. Kenaston

By [Signature]

Its Helen L. Kenaston  
Helen L. Kenaston, wife of John  
F. Kenaston

(Name) Robert B. Kenaston

By [Signature]

Its \_\_\_\_\_

IN WITNESS WHEREOF, the foregoing Unit Agreement for the Puerto Chiquito Unit Area, dated APR 1 1960, 1960, between INTEX OIL COMPANY, as Unit Operator and Working Interest Owner, has been executed by the undersigned parties as of the day and year first above written.

Date of Execution: APR 20 1960

Address: c/o Redwine & Redwine  
1618 N. Las Palmas Avenue  
Hollywood, California

By James M. Kenaston  
Mary P. Kenaston  
Mary P. Kenaston, wife of James M. Kenaston

Date of Execution: APR 20 1960

Address: c/o Redwine & Redwine  
1618 N. Las Palmas Avenue  
Hollywood, California

By William Boderick Kenaston  
Ann G. Kenaston  
Ann G. Kenaston, wife of William Boderick Kenaston

Date of Execution: APR 14 1960

Address: c/o Redwine & Redwine  
1618 N. Las Palmas Avenue  
Hollywood, California

By Roy N. Gense  
Ruby S. Gense  
Ruby S. Gense, wife of Roy N. Gense

Date of Execution: APR 20 1960

Address: c/o Redwine & Redwine  
1618 N. Las Palmas Avenue  
Hollywood, California

By Lillian Bohay Kenaston  
wife of Robert B. Kenaston

Date of Execution: APR 13 1960

Address: 34 Boylston Street  
Stratford, Pennsylvania

South Penna Oil Company

Vice President

Secretary

Date of Execution: APR 14 1960

Address: 444 Riverside Parkway  
Chicago 14, Illinois

J. N. Peters

Working Interest Owners

ADDITIONAL SIGNATURE PAGE NO. 2

3

IN WITNESS WHEREOF, the foregoing Unit Agreement for the  
Puerto Chiquito Unit Area, dated APR 1 1960, 1960, between INTEX  
OIL COMPANY, as Unit Operator and Working Interest Owner, has been executed  
by the undersigned parties as of the day and year first above written.

Date of Execution: APR 19 1960

Address: 1313 Continental Life Bldg.  
Forth Worth, Texas

~~Marfak Oil Company - Unit 2~~  
By [Signature]  
By Sole Proprietor and doing business as Marfak  
Oil Company.

Date of Execution:

Address:

By

By

Date of Execution:

Address:

By

By

Date of Execution:

Address:

By

By

Date of Execution:

Address:

By

By

Date of Execution:

Address:

By

By

Working Interest Owners

ADDITIONAL SIGNATURE PAGE NO.

4

IN WITNESS WHEREOF, the foregoing Unit Agreement for the Puerto Chiquito Unit Area, dated April 1, 1960, between INTEX OIL COMPANY, as Unit Operator and Working Interest Owner, has been executed by the undersigned parties as of the day and year first above written.

Date of Execution:

APRIL 14, 1960

Address: 3000 NAT'L BANK OF TULSA BLDG.

TULSA 3, OKLAHOMA

Date of Execution:

April 18, 1960

Address: 318 Mile High Center

Denver 2, Colorado

Date of Execution:

Address: \_\_\_\_\_

Date of Execution:

Address: \_\_\_\_\_

Date of Execution:

Address: \_\_\_\_\_

Date of Execution:

Address: \_\_\_\_\_

PETRO-ATLAS, INC.

By

F. J. Anderson  
F. J. Anderson - President

By

H. J. Jones  
H. J. Jones - Assistant Secretary

TEXOTA OIL COMPANY

By

John H. Ripe - Vice President

By

David Stout - Secretary

Working Interest Owners

ADDITIONAL SIGNATURE PAGE NO.

4



IN WITNESS WHEREOF, the foregoing Unit Agreement for the Puerto Chiquito Unit Area, dated April 1, 1960, between INTEX OIL COMPANY, as Unit Operator and Working Interest Owner, has been executed by the undersigned parties as of the day and year first above written.

Date of Execution:

April 14, 1960

Address: 3109 Winthrop Avenue

Fort Worth, Texas

AMBASSADOR OIL CORPORATION

By William E. Grier Vice President

EX ATTEST: John F. Grier Secretary

Date of Execution:

April 14, 1960

Address: 607 First National Bank Bldg.,

Dallas, Texas

FOREE DRILLING COMPANY

By W. B. Foree President

EX ATTEST: James H. Foree Secretary

Date of Execution:

April 23, 1960

Address: P. O. Box 4128-Centenary Sta.

Shreveport, Louisiana

HUDSON GAS AND OIL CORPORATION

By W. H. Hudson President

EX ATTEST: W. H. Hudson Secretary

Date of Execution:

April 18, 1960

Address: Room 100, 9200 Wayzata Blvd.,

Minneapolis, Minnesota

PERRYBELL COMPANY

By T. R. Anderson Partner

By \_\_\_\_\_

Date of Execution:

April 20, 1960

Address: P. O. Box 188

Naples, Florida

By J. G. Sample

By Helen S. Sample Helen S. Sample, his wife

Date of Execution:

April 27, 1960

Address: P. O. Box 5110

Chicago, Illinois

By John G. Searle

By Frances G. Searle Frances G. Searle, his wife

Working Interest Owners

ADDITIONAL SIGNATURE PAGE NO. 5

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

)

)

)

ss.

Oklahoma, Kansas, New Mexico,  
Wyoming, Montana, Colorado, Utah,  
Nebraska, North Dakota, South Dakota  
ACKNOWLEDGEMENT - INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 19th day of April, 1960 personally appeared Gwyn Redwine  
and Marlon Redwine, his wife

to me known to be the identical persons 1, described in and who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires

Dec 18, 1961

Don Conroy  
DON CONROY

Notary Public

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

)

)

)

ss.

Oklahoma, Kansas, New Mexico  
Wyoming, Montana, Colorado, Utah,  
Nebraska, North Dakota, South Dakota  
ACKNOWLEDGEMENT - INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 20th day of April, 1960, personally appeared Douglas A. Kenaston, John F. Kenaston, Robert B. Kenaston, and William Roderick Kenaston, James M. Kenaston & Lillian Dehay Kenaston to me known to be the identical persons 2, described in and who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires

August 15, 1963

Gwyn S. Redwine  
Gwyn S. Redwine

Notary Public

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

)

)

)

ss.

Oklahoma, Kansas, New Mexico  
Wyoming, Montana, Colorado, Utah,  
Nebraska, North Dakota, South Dakota  
ACKNOWLEDGEMENT - INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 20th day of April, 1960, personally appeared Dorothy Belle Kenaston, Helen L. Kenaston, Mary P. Kenaston and Ann G. Kenaston to me known to be the identical persons 2, described in and who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires

August 15, 1963

Gwyn S. Redwine  
Gwyn S. Redwine

Notary Public

STATE OF MINNESOTA )  
 ) ss. Oklahoma, Kansas, New Mexico,  
 COUNTY OF HENNEPIN ) Wyoming, Montana, Colorado, Utah,  
 Nebraska, North Dakota, South Dakota  
 ACKNOWLEDGEMENT - INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 14th day of April, 1960 personally appeared Roy N. Gesme and Ruby S. Gesme to me known to be the identical person S, described in and who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires June 1, 1963 Ruth C. Gesme  
 Notary Public

STATE OF Illinois )  
 ) ss. Oklahoma, Kansas, New Mexico  
 COUNTY OF Cook ) Wyoming, Montana, Colorado, Utah,  
 Nebraska, North Dakota, South Dakota  
 ACKNOWLEDGEMENT - INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 14th day of April, 1960, personally appeared J. N. Fetzer and \_\_\_\_\_ to me known to be the identical person \_\_\_\_\_, described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires June 1, 1963 Marguerite J. Eipers  
 Notary Public

STATE OF California )  
 ) ss. Oklahoma, Kansas, New Mexico  
 COUNTY OF Los Angeles ) Wyoming, Montana, Colorado, Utah,  
 Nebraska, North Dakota, South Dakota  
 ACKNOWLEDGEMENT - INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 17 day of April, 1960, personally appeared \_\_\_\_\_ and \_\_\_\_\_ to me known to be the identical person \_\_\_\_\_, described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires June 1, 1963 Richard A. S. S. S.

STATE OF **California**

COUNTY OF **Kern**

On this **11th** day of **April**, 19 **60**, before me personally appeared **W. H. Laird**, to me personally known, who being by me duly sworn, did say that he is the **Vice President** of the **Intex Oil Company** and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said **W. H. Laird** acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

*Loreta M. Brooks*  
**Loreta M. Brooks** Notary Public

My commission expires **Nov. 30, 1962**

residing at **147-1/2 Arvin St. Bakersfield, California**

STATE OF **Pennsylvania**

COUNTY OF **Venango**

On this **13th** day of **April**, 19 **60**, before me personally appeared **G. Allan Reid**, to me personally known, who being by me duly sworn, did say that he is the **Vice President** of the **South Penn Oil Company** and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said **G. Allan Reid** acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

*Charles J. Hewey*  
**Charles J. Hewey** Notary Public

My commission expires **1963**

residing at **15 West Third Street, Oil City, Pennsylvania**

STATE OF

COUNTY OF

On this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_, before me personally appeared \_\_\_\_\_, to me personally known, who being by me duly sworn, did say that he is the \_\_\_\_\_ of the \_\_\_\_\_ and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said \_\_\_\_\_ acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

Notary Public

My commission expires

residing at

STATE OF

COUNTY OF

On this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_, before me personally appeared \_\_\_\_\_, to me personally known, who being by me duly sworn, did say that he is the \_\_\_\_\_ of the \_\_\_\_\_ and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said \_\_\_\_\_ acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

Notary Public

My commission expires

residing at

STATE OF **OKLAHOMA**  
COUNTY OF **TULSA**

On this **14th** day of **APRIL**, 19**60**, before me personally appeared **F. T. ANDERSON**, to me personally known, who being by me duly sworn, did say that he is the **PRESIDENT** of the **PETRO-ATLAS, INC.** and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said **F. T. ANDERSON** acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

*Joe Dwyer*  
Notary Public

My commission expires **6-29-62**

residing at **6945 E. 5th St., Tulsa, Oklahoma**

STATE OF **COLORADO**  
COUNTY OF **DENVER**

On this **19th** day of **April**, 19**60**, before me personally appeared **John H. Ripe**, to me personally known, who being by me duly sworn, did say that he is the **Vice President** of the **Texota Oil Company** and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said **John H. Ripe** acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

*Margaret Blair*  
Notary Public

My commission expires **4-29-62**

residing at **1370 Columbine, Denver 6, Colorado**

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_, to me personally known, who being by me duly sworn, did say that he is the \_\_\_\_\_ of the \_\_\_\_\_ and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said \_\_\_\_\_ acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

Notary Public

My commission expires \_\_\_\_\_ residing at \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_, to me personally known, who being by me duly sworn, did say that he is the \_\_\_\_\_ of the \_\_\_\_\_ and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said \_\_\_\_\_ acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

Notary Public

My commission expires \_\_\_\_\_ residing at \_\_\_\_\_

STATE OF **TEXAS**  
COUNTY OF **TARRANT**

On this **14th** day of **April**, 19 **60**, before me personally appeared  
**C. HARRISON COOPER**, to me personally known, who being by me duly sworn, did say that he  
is the **Vice President** of the **AMBASSADOR OIL CORPORATION**  
and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of  
said corporation by authority of its board of directors, and said **C. HARRISON COOPER**  
acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal

*Deeth C. Luch*  
Notary Public

My commission expires **June 1, 1961** residing at **Ft. Worth, Texas**

STATE OF **TEXAS**  
COUNTY OF **DALLAS**

On this **14th** day of **April**, 19 **60**, before me personally appeared  
**R. L. FOREE**, to me personally known, who being by me duly sworn, did say that he  
is the **President** of the **FOREE DRILLING COMPANY**  
and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of  
said corporation by authority of its board of directors, and said **R. L. FOREE**  
acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

*Deeth C. Luch*  
Notary Public

My commission expires **June 1, 1961**

residing at

*Dallas, Texas*

STATE OF **LOUISIANA**  
**Parish**  
**CADDO**

On this **23d** day of **April**, 19 **60**, before me personally appeared **G. M. Piggott, Jr.**  
**Vice President**, to me personally known, who being by me duly sworn, did say that he  
is the **Vice President** of the **HUDSON GAS & OIL CORPORATION**  
and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of  
said corporation by authority of its board of directors, and said **G. M. Piggott, Jr.**  
acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

*John A. Ford*  
Notary Public

My commission expires **at death** residing at **Shreveport, Louisiana**

STATE OF  
COUNTY OF

On this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_, before me personally appeared \_\_\_\_\_,  
to me personally known, who being by me duly sworn, did say that he  
is the \_\_\_\_\_ of the \_\_\_\_\_  
and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of  
said corporation by authority of its board of directors, and said \_\_\_\_\_  
acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

Notary Public

My commission expires \_\_\_\_\_

residing at \_\_\_\_\_

STATE OF FLORIDA  
COUNTY OF COLLIER

)  
) ss. Oklahoma, Kansas, New Mexico,  
Wyoming, Montana, Colorado, Utah,  
Nebraska, North Dakota, South Dakota  
ACKNOWLEDGEMENT - INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 20th day of April, 1960 personally appeared J. G. Sample and Helen S. Sample to me known to be the identical person s, described in and who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires April 1, 1963

Dorothy B. Phillips  
Notary Public

STATE OF ILLINOIS  
COUNTY OF COOK

)  
) ss. Oklahoma, Kansas, New Mexico  
Wyoming, Montana, Colorado, Utah,  
Nebraska, North Dakota, South Dakota  
ACKNOWLEDGEMENT - INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 27th day of April, 1960, personally appeared John G. Searle and Frances C. Searle to me known to be the identical persons s, described in and who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires October 6, 1961

Dorothy M. Busch  
Notary Public

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

)  
) ss. Oklahoma, Kansas, New Mexico  
Wyoming, Montana, Colorado, Utah,  
Nebraska, North Dakota, South Dakota  
ACKNOWLEDGEMENT - INDIVIDUAL

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, personally appeared \_\_\_\_\_ and \_\_\_\_\_ to me known to be the identical person \_\_\_\_\_, described in and who executed the within and foregoing instrument of writing and acknowledged to me that \_\_\_\_\_ duly executed the same as \_\_\_\_\_ free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires \_\_\_\_\_

\_\_\_\_\_  
Notary Public

STATE OF MINNESOTA )  
COUNTY OF HENNEPIN ) ss.

The foregoing instrument was acknowledged before me this 18<sup>th</sup> day of April, 1960, by T. R. Anderson partner(s) on behalf of PERRYBELL COMPANY a partnership.

Walter P. Walker  
Notary Public  
Notary Public, Hennepin County, Minn.  
My Commission Expires Mar. 3, 1966.

My Commission Expires:  
Mar 3, 1966

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, by \_\_\_\_\_ partner(s) on behalf of \_\_\_\_\_ a partnership.

\_\_\_\_\_  
Notary Public

My Commission Expires:  
\_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, by \_\_\_\_\_ partner(s) on behalf of \_\_\_\_\_ a partnership.

\_\_\_\_\_  
Notary Public

My Commission Expires:  
\_\_\_\_\_



RATIFICATION AND JOINDER  
IN THE PUERTO CHIQUITO UNIT AGREEMENT  
COUNTY OF RIO ARriba STATE OF NEW MEXICO

Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: John Wheeler Helen M. White  
Date: April 19, 1960 By \_\_\_\_\_  
By \_\_\_\_\_  
Address: 2533 South Columbia Place  
Tulsa, Oklahoma

WITNESS: \_\_\_\_\_  
Date: \_\_\_\_\_ By \_\_\_\_\_  
By \_\_\_\_\_  
Address: \_\_\_\_\_

STATE OF Oklahoma )  
COUNTY OF Tulsa ) SS. Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 19 day of April, 1960, personally appeared Helen M. White and \_\_\_\_\_ to me known to be the identical person \_\_\_\_\_, described in and who executed the within and foregoing instrument in writing and acknowledged to me that she duly executed the same as her free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires 11/2/61 Marilyn A. Cullen  
Notary Public

RATIFICATION AND JOINDER  
IN THE PUERTO CHIQUITO UNIT AGREEMENT  
COUNTY OF RIO ARRIBA STATE OF NEW MEXICO

Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: \_\_\_\_\_

Date: April 19, 1960

Dudley Cornell  
By Dudley Cornell

By \_\_\_\_\_

Address: Suite 704  
Simms Bldg.  
Albuquerque, New Mexico

WITNESS: \_\_\_\_\_

Date: \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

Address: \_\_\_\_\_

STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO )

SS. Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 19th day of April, 1960, personally appeared

DUDLEY CORNELL and \_\_\_\_\_  
to me known to be the identical person \_\_\_\_\_, described in and who executed the within and foregoing instrument in writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

## RATIFICATION AND JOINDER

## IN THE PUERTO CHIQUITO UNIT AGREEMENT

COUNTY OF RIO ARRIBA STATE OF NEW MEXICO

Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: \_\_\_\_\_

Date: April 20, 1960

By \_\_\_\_\_

G. H. Blankenship

By \_\_\_\_\_

Address: \_\_\_\_\_

317 Orchid AvenueCorona Del Mar, California

WITNESS: \_\_\_\_\_

Date: \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

Address: \_\_\_\_\_

STATE OF California )COUNTY OF Orange )

SS.

Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 20 day of April, 1960, personally appeared

G. H. Blankenship and \_\_\_\_\_  
to me known to be the identical person \_\_\_\_\_, described in and who executed the within and foregoing instrument in writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires August 23, 1962

Adolph J. Lucelli  
Notary Public

## RATIFICATION AND JOINDER

## IN THE PUERTO CHIQUITO UNIT AGREEMENT

COUNTY OF RIO ARRIBA STATE OF NEW MEXICO

Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: J. B. Stephenson  
Date: 4/16-60

C. Lester Linder  
By C. Lester Linder  
By \_\_\_\_\_  
Address: First National Bank Bldg.  
Albuquerque, New Mexico

WITNESS: \_\_\_\_\_  
Date: \_\_\_\_\_

By \_\_\_\_\_  
By \_\_\_\_\_  
Address: \_\_\_\_\_

STATE OF New Mexico )  
COUNTY OF Bernalillo )

SS. Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 16th day of April, 1960, personally appeared C. Lester Linder and \_\_\_\_\_, to me known to be the identical person \_\_\_\_\_, described in and who executed the within and foregoing instrument in writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires July 21, 1963

Laura K. Hanks  
Notary Public

## RATIFICATION AND JOINDER

## IN THE PUERTO CHIQUITO UNIT AGREEMENT

COUNTY OF RIO ARRIBA STATE OF NEW MEXICO

Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: E. F. SimolaDate: 4-16-60By J. B. Stephenson

By \_\_\_\_\_

Address: First National Bank Bldg.Albuquerque, New Mexico

WITNESS: \_\_\_\_\_

Date: \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

Address: \_\_\_\_\_

STATE OF New MexicoCOUNTY OF Bernalillo

SS.

Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 16th day of April, 1960, personally appeared

J. B. Stephenson and \_\_\_\_\_  
to me known to be the identical person \_\_\_\_\_, described in and who executed the within and foregoing instrument in writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires July 21, 1963Lawrence K. Stephens

RATIFICATION AND JOINDER

IN THE PUERTO CHIQUITO UNIT AGREEMENT

COUNTY OF RIO ARriba STATE OF NEW MEXICO

Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: \_\_\_\_\_

Date: April 18, 1960

W. E. Hammond

By W. E. Hammond

By \_\_\_\_\_

Address: First National Bank Bldg.

Albuquerque, New Mexico

WITNESS: \_\_\_\_\_

Date: \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

Address: \_\_\_\_\_

STATE OF New Mexico )

COUNTY OF Bernalillo )

SS.

Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 18th day of April, 1960, personally appeared

W. E. Hammond and \_\_\_\_\_  
to me known to be the identical person \_\_\_\_\_, described in and who executed the within and foregoing instrument in writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires July 21, 1963

Louis K. Shanks  
Notary Public

RATIFICATION AND JOINDER

IN THE PUERTO CHIQUITO UNIT AGREEMENT

COUNTY OF RIO ARriba STATE OF NEW MEXICO

Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: \_\_\_\_\_

Date: April 18, 1960

William S. Bailey, Jr.  
By \_\_\_\_\_  
William S. Bailey, Jr.

By \_\_\_\_\_

Address: 3232 South Yorktown

Tulsa 19, Oklahoma

WITNESS: \_\_\_\_\_

Date: \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

Address: \_\_\_\_\_

STATE OF OKLAHOMA, )

COUNTY OF TULSA. )

SS. Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 18th day of April, 1960, personally appeared

Wm. S. Bailey, Jr., and  
to me known to be the identical person, described in and who executed the within and foregoing instrument in writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires June 9th, 1963.

Lawrence A. Peitz  
Notary Public

RATIFICATION AND JOINDER

IN THE PUERTO RHIQUITO UNIT AGREEMENT

COUNTY OF RIO ARriba STATE OF NEW MEXICO

Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: \_\_\_\_\_

Date: April 18, 1960

Russell Cobb

By Russell Cobb

Elena Cobb

Address: 311 Thompson Bldg.

Tulsa, Oklahoma

WITNESS: \_\_\_\_\_

Date: \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

Address: \_\_\_\_\_

STATE OF OKLAHOMA )

COUNTY OF Tulsa )

SS. Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 18 day of April, 1960, personally appeared Russell Cobb and Elena Cobb, his wife to me known to be the identical persons, described in and who executed the within and foregoing instrument in writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires Sept. 29-1960

Thompson  
Notary Public



RATIFICATION AND JOINDER  
IN THE PUERTO CHIQUITO UNIT AGREEMENT  
COUNTY OF RIO ARriba STATE OF NEW MEXICO

Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: \_\_\_\_\_

Date: April 14, 1960

Dr. A. B. Stewart  
Dr. A. B. Stewart

By \_\_\_\_\_

By \_\_\_\_\_

Address: 106 Girard Blvd, S.E.

Albuquerque, New Mexico

WITNESS: \_\_\_\_\_

Date: \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

Address: \_\_\_\_\_

STATE OF New Mexico  
COUNTY OF Bernalillo

SS.

Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 14 day of April, 1960, personally appeared Dr. A. B. Stewart and \_\_\_\_\_ to me known to be the identical person \_\_\_\_\_, described in and who executed \_\_\_\_\_ within and foregoing instrument in writing and acknowledged to me that \_\_\_\_\_ duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires

Sept 30, 1960

Albino Niles  
Notary Public

RATIFICATION AND JOINDER  
IN THE PUERTO CHIQUITO UNIT AGREEMENT  
COUNTY OF RIO ARRIBA STATE OF NEW MEXICO


Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: \_\_\_\_\_

Date: April 14, 1960

  
J. G. Heaston  
By \_\_\_\_\_

By \_\_\_\_\_

Address: 1918 - 4th Street, N.W.

Albuquerque, New Mexico

WITNESS: \_\_\_\_\_

Date: \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

Address: \_\_\_\_\_


STATE OF New Mexico )  
COUNTY OF Bernalillo )

SS. Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 14 day of April, 1960, personally appeared J. G. Heaston and \_\_\_\_\_ to me known to be the identical person \_\_\_\_\_, described in and who executed the within and foregoing instrument in writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires Sept. 7, 1960

  
Notary Public

RATIFICATION AND JOINDER

IN THE PUERTO CHIQUITO UNIT AGREEMENT

COUNTY OF RIO ARriba STATE OF NEW MEXICO

Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: Martha L. Simpson  
Date: April 23, 1960

Warren Eugene Carr  
By Warren Eugene Carr

By \_\_\_\_\_

By \_\_\_\_\_

Address: P.O. Box 3311

Durango, Colorado

WITNESS: Martha L. Simpson  
Date: April 29, 1960

By Clinton White

By Clinton White

Address: P.O. Box 3311

Durango, Colorado

STATE OF COLORADO  
COUNTY OF LA PLATA

SS. Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 23rd day of April, 1960, personally appeared Warren Eugene Carr and Clinton White to me known to be the identical person, described in and who executed the within and foregoing instrument in writing and acknowledged to me that they duly executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires May 22, 1962

William S. [Signature]  
Notary Public

RATIFICATION AND JOINDER  
IN THE PUERTO CHIQUITO UNIT AGREEMENT  
COUNTY OF RIO ARriba STATE OF NEW MEXICO

Dated April 1, 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: Georgia George  
Date: 4/18/60

Annetta Buck De Chene  
By Annetta Buck De Chene  
510 Tulane Dr. S.E.  
By Albuquerque, New Mexico  
Address: 414 W. 1st St. N.E.,  
Albuquerque, N.M.  
87102

WITNESS: Marianne Spelling  
Date: April 21, 1960

Barbara Buck Hayes Pison  
By Barbara Buck Hayes Pison  
664 Olive Drive  
By Colorado Springs, Colorado  
Address: c/o Walter G. Jones  
Attorney in Fact  
P.O. Box 471  
Albuquerque, New Mexico

STATE OF New Mexico  
COUNTY OF Bernardo ) SS.

Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public in and for said County and State, on this 15 day of April, 1960, personally appeared Annetta Buck De Chene and Barbara Buck Hayes Pison to me known to be the identical person, described in and who executed the within and foregoing instrument in writing and acknowledged to me that she duly executed the same as her free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires 8/30/61 Virginia T. Brown  
Notary Public

25  
STATE OF COLORADO )  
COUNTY OF EL PASO ) ss

I hereby certify this instrument was acknowledged before me this 1st day of April, 1960, by Barbara Bush Hayes Dixon.

Witness my hand and official seal.

My commission expires: December 30, 1962

Henry Lee Clark  
Notary Public

RATIFICATION AND JOINDER  
IN THE PUERTO CHIQUITO UNIT AGREEMENT  
COUNTY OF RIO ARriba STATE OF NEW MEXICO

Dated APR 1 1960

For the consideration stated in the above described Unit Agreement, the Undersigned hereby ratifies, confirms, and joins in the execution of said Unit Agreement, which is hereby incorporated herein and made a part hereof, to the same extent and effect as if the undersigned had executed the original of said Unit Agreement.

The undersigned acknowledges receipt of a copy of said Unit Agreement and acknowledges that no representations not incorporated herein or in said Unit Agreement have been made to the undersigned, and that this instrument has been signed and delivered unconditionally.

WITNESS: *Rene M. Muir* **PERO-CELLS, INC.**

Date: April 14, 1960

By *F. J. Anderson*  
**F. J. Anderson - President**  
By *H. J. Taylor*  
**H. J. Taylor - Assistant Secretary**  
Address: 2000 Nat'l Bank of Tulsa Bldg.  
**Tulsa 3, Oklahoma**

WITNESS: \_\_\_\_\_

Date: \_\_\_\_\_

By \_\_\_\_\_

By \_\_\_\_\_

Address: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

SS. Acknowledgement, Individual

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this \_\_\_\_\_ day of \_\_\_\_\_, 1960, personally appeared \_\_\_\_\_ and \_\_\_\_\_ to me known to be the identical person \_\_\_\_\_, described in and who executed the within and foregoing instrument in writing and acknowledged to me that \_\_\_\_\_ duly executed the same as \_\_\_\_\_ free and voluntary act and deed for the \_\_\_\_\_ and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires \_\_\_\_\_

Notary Public

STATE OF

COUNTY OF

On this day of

19

, before me personally appeared

, to me personally known, who being by me duly sworn, did say that he

is the of the

and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said

acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

Notary Public

My commission expires

residing at

STATE OF

COUNTY OF

On this day of

19

, before me personally appeared

, to me personally known, who being by me duly sworn, did say that he

is the of the

and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said

acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

Notary Public

My commission expires

residing at

STATE OF

OKLAHOMA

COUNTY OF

TULSA

On this 14TH day of APRIL

1960

, before me personally appeared **P. T. ANDERSON**

, to me personally known, who being by me duly sworn, did say that he

is the **PRESIDENT** of the**PETRO-ATLAS, INC.**

and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said

**P. T. ANDERSON**

acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

*J. E. Haynes*  
Notary Public

My commission expires

**6-29-62**residing at **6945 E. 5th St., Tulsa, Oklahoma**

STATE OF

COUNTY OF

On this day of

19

, before me personally appeared

, to me personally known, who being by me duly sworn, did say that he

is the of the

and that the seal affixed to said instrument is the corporate seal of said corporation and that said instrument was signed and sealed in behalf of said corporation by authority of its board of directors, and said

acknowledged said instrument to be the free act and deed of said corporation.

WITNESS my hand and notarial seal.

Notary Public

My commission expires

residing at

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

*Case 1944*

May 24, 1960

C  
O  
P  
Y  
  
Intex Oil Company  
P. O. Box 1411  
Bakersfield, California

Attention: Mr. W. H. Laird

Re: Puerto Chiquito Unit

Gentlemen:

Reference is made to your letter of May 17, 1960, wherein you inquire as to the procedure necessary to obtain Commission approval of your proposed Puerto Chiquito Unit Area.

It will first be necessary for you to file an application for public hearing of the unit. The application should describe the acreage comprising the unit area. We will then set the matter down for hearing and advertise the case, sending you a hearing docket so that you will know when to appear.

At the hearing, Intex should have available witnesses who will be able to testify as to geological structure and its comparison to the unit boundaries, acreage committed, plans for exploration, etc.

Our next examiner hearing will be June 22nd. We suggest that if you desire to have the Puerto Chiquito Unit set for hearing at that time, that you file your application so as to reach us no later than June 8, 1960.

Very truly yours,

DANIEL S. NUTTER  
Chief Engineer

DSN/ir



INTEX OIL COMPANY  
MAIN OFFICE OCC 531 CALIFORNIA AVENUE  
MAILING ADDRESS P. O. BOX 1411  
BAKERSFIELD, CALIFORNIA

1960 MAY 10 PM 1:32

May 17, 1960

New Mexico Oil Conservation Commission  
Santa Fe  
New Mexico

Gentlemen:

The United States Geological Survey in Roswell, New Mexico has approved our so-called Puerto Chiquito Unit in Rio Arriba County, New Mexico, comprising a total of 12,721 acres which includes approximately 11,831 acres of Public Domain lands and 890 acres of fee lands. They have advised us that the Unit has been forwarded to Washington for the Director's approval. It is our anticipation that it will be finally approved and signed by the Director within the next ten days to two weeks.

When this Unit was submitted to the U.S.G.S. in Roswell last week, they indicated we should obtain your consent to it. Since this is our first unit, we are not familiar with your requirements in this respect and would therefore, appreciate your advising us the necessary data, etc. which you will require as well as the procedure we should follow in making application to you for purpose of obtaining your consent.

We would sincerely appreciate any information which you may be able to furnish us relating to this matter.

Very truly yours,

INTEX OIL COMPANY

  
W. H. Laird  
Vice President

WHL:pa

cc: Intex Oil Company  
Denver, Colorado

RECEIVED  
AUG 11 11 41 AM '60

INTEX OIL COMPANY  
531 CALIFORNIA AVENUE  
MAILING ADDRESS P. O. BOX 1411  
BAKERSFIELD, CALIFORNIA

August 9, 1960

State of New Mexico  
Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

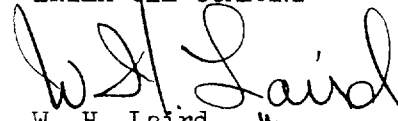
SUBJECT: Puerto Chiquito Unit Agreement, Rio Arriba County  
Unit Number 14-08-0001-6787

Gentlemen:

Enclosed for your information and files is a new Schedule  
"B" and Unit Plat to conform with the suggestions made by  
the United States Geological Survey.

Very truly yours,

INTEX OIL COMPANY

  
W. H. Laird, *WHL*  
Vice President

WHS:sb  
Enclosure

Exhibit B -- Puerto Chiquito Unit Area, Rio Arriba County, New Mexico, T. 26 N., R. 1 E.

Tract Number	Description of land	Number of Acres	Appl. or Ser. No. & eff. date of lease	Basic royalty and percentage	Lessee of record	Overriding royalty and percentage	Working interest and percentage
Federal land							
1 a.	Sec. 6: Lots 1, 2, 3, 4 5, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 7: Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ Sec. 18: E $\frac{1}{2}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ NE $\frac{1}{4}$	791.34	NM 041 9-1-51	U.S.A. - All	J. E. Simmons	Helen White 3/4% G. H. Blankenship 1 $\frac{1}{2}$ % Russel Cobb 3/4% Total 3%	Mobil Oil Company 100%. Assign. filed with BLM.
1 b.	Sec. 18: W $\frac{1}{2}$ NE $\frac{1}{4}$ , Lots 1 and 2	156.90	NM 041 9-1-51	U.S.A. - All	J. E. Simmons	Helen White 3/4% G. H. Blankenship 1 $\frac{1}{2}$ % Russel Cobb 3/4% Total 3%	Mobil Oil Company 100% below the base of Dakota. Texota Oil Company, et al. (Note 1) 100% above base of Dakota. Assign. Simmons to Mobil Oil Company and Operating Agreee. Mobil Oil Company to Texota Oil Company filed with BLM.
2	Sec. 6: Lot 7, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 7: Lot 4, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 18: Lot 4, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$	474.67	NM 041-A 9-1-51	U.S.A. - All	Petro-Atlas, Inc.	Helen White 1% G. H. Blankenship 2% Russel Cobb 1% J. Felix Hickman $\frac{1}{2}$ % Horace F. McKay, Jr. $\frac{1}{2}$ % Total 5%	Petro-Atlas, Inc. 50%, Intex Oil Company 25% and South Penn Oil Company 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
3	Sec. 6: Lot 6, NE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 7: Lot 3, NE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 18: Lot 3, NE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$	474.37	NM 041-B 9-1-51	U.S.A. - All	Texota Oil Company	Helen White 1% G. H. Blankenship 2% Russel Cobb 1% J. Felix Hickman $\frac{1}{2}$ % Horace F. McKay, Jr. $\frac{1}{2}$ % Total 5%	Texota Oil Company, et al. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas Inc. 100% below base of Dakota.
4	Sec. 10: W $\frac{1}{2}$	320.00	NM 021528 7-1-56	U.S.A. - All	Intex Oil Company	Mary C. Burton 5% Total 5%	Intex 50% and South Penn 50%

Exhibit B -- Puerto Chiquito Unit Area, Rio Arriba County, New Mexico, T. 26 N., R. 1 E.

Tract Number	Description of land	Number of Acres	Appl. or Ser. No. & eff. date of lease	Basic royalty and percentage	Lessee of record	Overriding royalty and percentage	Working interest and percentage
5	Federal land Sec. 22: N $\frac{1}{2}$ NW $\frac{1}{4}$	80.00	NM 029062 9-1-57	U.S.A. - ALL	Petro-Atlas, Inc.	Warren Eugene Carr and Clinton White 1% Total 1%	Petro-Atlas, Inc. 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
6	Sec. 22: S $\frac{1}{2}$ NW $\frac{1}{4}$	80.00	NM 029062-A 9-1-57	U.S.A. - ALL	Texota Oil Company	Warren Eugene Carr and Clinton White 1% Total 1%	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
7	Sec. 15: SE $\frac{1}{4}$ SW $\frac{1}{4}$	40.00	NM 048086 10-1-58	U.S.A. - ALL	Jean Read	None	Jean Read 100%
8	Sec. 8: Lots 2, 6, SW $\frac{1}{4}$ of NE $\frac{1}{4}$ Sec. 9: S $\frac{1}{2}$ of NE $\frac{1}{4}$ Sec. 17: S $\frac{1}{2}$ of NE $\frac{1}{4}$	265.90	NM 073529 12-1-59	U.S.A. - ALL	Intex Oil Company	None	Intex 50% and South Penn 50%
9	Sec. 27: N $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 32: Unsurveyed which when surveyed will probably be: N $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 33: N $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 34: N $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$	640.00	SF 079285 7-1-48	U.S.A. - ALL	Petro-Atlas, Inc.	J. G. Heaston 1% Dudley Cornell 1-7/8% William S. Bailey 1/8% Warren Eugene Carr and Clinton White 1% Total 4%	Petro-Atlas, Inc. 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
10	Sec. 32: Unsurveyed which when surveyed will probably be: S $\frac{1}{2}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 33: S $\frac{1}{2}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 34: S $\frac{1}{2}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$	480.00	SF 079285-A 7-1-48	U.S.A. - ALL	Douglas A. Kenaston	J. G. Heaston 1% Dudley Cornell 1-7/8% William S. Bailey 1/8% Petro-Atlas, Inc. 1 $\frac{1}{2}$ % Total 4 $\frac{1}{2}$ %	Douglas A. Kenaston, etal. (Note 3) 50%, Intex 25% and South Penn 25% above base of Dakota. Douglas A. Kenaston, etal. (Note 3) 100% below base of Dakota.

Exhibit B -- Puerto Chiquito Unit Area, Rio Arriba County, New Mexico, T. 26 N., R. 1 E.

Tract Number	Description of land	Number of Acres	Appl. or Ser. No. & eff. or exp. date of lease	Basic royalty and percentage	Lessee of record	Overriding royalty and percentage	Working interest and percentage
11	Federal land Sec. 27: S $\frac{1}{2}$ SW $\frac{1}{4}$	80.00	SF 079285-B 7-1-48	U.S.A. - All	Petro-Atlas, Inc.	J. G. Heaston 1 $\%$ Dudley Cornell 1-7/8 $\%$ William S. Bailey 1/8 $\%$ Warren Eugene Carr and Clinton White 1 $\%$ Total 4 $\%$	Petro-Atlas, Inc. 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
12	Sec. 27: S $\frac{1}{2}$ NE $\frac{1}{4}$	80.00	SF 079285-C 7-1-48	U.S.A. - All	Petro-Atlas, Inc.	J. G. Heaston 1 $\%$ Dudley Cornell 1-7/8 $\%$ William S. Bailey 1/8 $\%$ Warren Eugene Carr and Clinton White 1 $\%$ Total 4 $\%$	Petro-Atlas, Inc. 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
13	Sec. 27: S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 32: Unsurveyed which when surveyed will probably be: S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 33: S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 34: S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$	640.00	SF 079285-D 7-1-48	U.S.A. - All	Texota Oil Company	J. G. Heaston 1 $\%$ Dudley Cornell 1-7/8 $\%$ William S. Bailey 1/8 $\%$ Warren Eugene Carr and Clinton White 1 $\%$ Total 4 $\%$	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
14	Sec. 27: N $\frac{1}{2}$ SW $\frac{1}{4}$	80.00	SF 079285-E 7-1-48	U.S.A. - All	Texota Oil Company	J. G. Heaston 1 $\%$ Dudley Cornell 1-7/8 $\%$ William S. Bailey 1/8 $\%$ Warren Eugene Carr and Clinton White 1 $\%$ Total 4 $\%$	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.

Exhibit B -- Puerto Chiquito Unit Area, Rio Arriba County, New Mexico, T. 26 N., R. 1 E.

Tract Number	Description of land	Number of Acres	Appl. or Ser. No. & eff. or exp. date of lease	Basic royalty and percentage	Lessee of record	Overriding royalty and percentage	Working interest and percentage
15	Federal land Sec. 27: N $\frac{1}{2}$ NE $\frac{1}{4}$	80.00	SF 079285-F 7-1-48	U.S.A. - ALL	Texota Oil Company	J. G. Heaston 1 $\frac{1}{8}$ % Dudley Cornell 1-7/8% William S. Bailey 1/8% Warren Eugene Carr and Clinton White 1%	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
Total 4%							
16	Sec. 32: Unsurveyed which when surveyed will probably be: N $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 33: N $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 34: N $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$	480.00	SF 079285-G 7-1-48	U.S.A. - ALL	Texota Oil Company	J. G. Heaston 1 $\frac{1}{8}$ % Dudley Cornell 1-7/8% William S. Bailey 1/8% Petro-Atlas, Inc. 1 $\frac{1}{2}$ %	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Douglas A. Kenaston, etal (Note 3) 100% below base of Dakota.
Total 4 $\frac{1}{2}$ %							
17 a.	Sec. 21: N $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 22: N $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 28: N $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 29: N $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$	480.00	SF 079286 7-1-48	U.S.A. - ALL	Petro-Atlas, Inc.	W. E. Hammond .2% C. Lester Linder .4% J.B. Stephenson .4% Dudley Cornell 1-7/8% William S. Bailey 1/8% Warren Eugene Carr and Clinton White 1%	Petro-Atlas, Inc. 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
Total 4%							
17 b.	Sec. 28: N $\frac{1}{2}$ SE $\frac{1}{4}$	80.00	SF 079286 7-1-48	U.S.A. - ALL	Petro-Atlas, Inc.	W. E. Hammond .2% C. Lester Linder .4% J. B. Stephenson .4% Dudley Cornell 1-7/8% William S. Bailey 1/8% Warren Eugene Carr and Clinton White 1%	J. N. Fetzter 50%, Intex 25% and South Penn 25% above base of Dakota. J. N. Fetzter 100% below base of Dakota. Assgn. from Petro- Atlas, Inc. to Fetzter filed with BLM.
Total 4%							

Exhibit B -- Puerto Chiquito Unit Area, Rio Arriba County, New Mexico, T. 26 N., R. 1 E.

Tract Number	Description of land	Number of Acres	Appl. or Ser. No. & eff. or exp. date of lease	Basic royalty and percentage	Lessee of record	Overriding royalty and percentage	Working interest and percentage
18 a.	Federal land	320.00	SF 079286-B 7-1-48	U.S.A. - All	Douglas A. Kenaston	W. E. Hammond .2%	Douglas A. Kenaston, etal. (Note 3) 50%, Intex 25% and South Penn 25% above base of Dakota. Douglas A. Kenaston, etal (Note 3) 100% below base of Dakota.
	Sec. 21: S $\frac{1}{2}$ SW $\frac{1}{4}$					C. Lester Linder .4%	
	Sec. 22: S $\frac{1}{2}$ NE $\frac{1}{4}$					J. B. Stephenson .4%	
	Sec. 29: S $\frac{1}{2}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$					Dudley Cornell 1-7/8%	
						William S. Bailey 1/8% Petro-Atlas, Inc. 1 $\frac{1}{2}$ %	
						Total 4 $\frac{1}{2}$ %	
18 b.	Sec. 28: S $\frac{1}{2}$ SW $\frac{1}{4}$	80.00	SF 079286-B 7-1-48	U.S.A. - All	Douglas A. Kenaston	W. E. Hammond .2%	J. N. Fetzter 50%, Intex 25% and South Penn 25% above base of Dakota. J. N. Fetzter 100% below base of Dakota. Assgn. from Douglas A. Kenaston to J.N. Fetzer filed with BLM. 1 $\frac{1}{2}$ %
	C. Lester Linder .4%						
	J. B. Stephenson .4%						
	Dudley Cornell 1-7/8%						
						William S. Bailey 1/8% Petro-Atlas, Inc. 1 $\frac{1}{2}$ %	
						Total 4 $\frac{1}{2}$ %	
19	Sec. 22: S $\frac{1}{2}$ SW $\frac{1}{4}$	80.00	SF 079286-C 7-1-48	U.S.A. - All	Petro-Atlas, Inc.	W. E. Hammond .2%	Petro-Atlas, Inc. 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
	C. Lester Linder .4%						
	J. B. Stephenson .4%						
	Dudley Cornell 1-7/8%						
						William S. Bailey 1/8% Warren Eugene Carr and Clinton White 1%	
						Total 4%	
20	Sec. 28: S $\frac{1}{2}$ NE $\frac{1}{4}$	80.00	SF 079286-D 7-1-48	U.S.A. - All	Petro-Atlas, Inc.	W. E. Hammond .2%	Petro-Atlas, Inc. 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
	C. Lester Linder .4%						
	J. B. Stephenson .4%						
	Dudley Cornell 1-7/8%						
						William S. Bailey 1/8% Warren Eugene Carr and Clinton White 1%	
						Total 4%	

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Total 4%

Exhibit B -- Puerto Chiquito Unit Area, Rio Arriba County, New Mexico, T. 26 N., R. 1 E.

Tract Number	Description of land	Number of Acres	Appl. or Ser. No. & eff. or exp. date of lease	Basic royalty and percentage	Lessee of record	Overriding royalty and percentage	Working interest and percentage
21	Federal land Sec. 21: S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ , N $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 22: S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 28: S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 29: S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$	640.00	SF 079286-E 7-1-48	U.S.A. - ALL	Texota Oil Company	W. E. Hammond .2% C. Lester Linder .4% J. B. Stephenson .4% Dudley Cornell 1-7/8% William S. Bailey 1/8% Warren Eugene Carr and Clinton White 1% Total 4%	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
22	Sec. 22: N $\frac{1}{2}$ SW $\frac{1}{4}$	80.00	SF 079286-F 7-1-48	U.S.A. - ALL	Texota Oil Company	W. E. Hammond .2% C. Lester Linder .4% J. B. Stephenson .4% Dudley Cornell 1-7/8% William S. Bailey 1/8% Warren Eugene Carr and Clinton White 1% Total 4%	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
23	Sec. 28: N $\frac{1}{2}$ NE $\frac{1}{4}$	80.00	SF 079286-G 7-1-48	U.S.A. - ALL	Texota Oil Company	W. E. Hammond .2% C. Lester Linder .4% J. B. Stephenson .4% Dudley Cornell 1-7/8% William S. Bailey 1/8% Warren Eugene Carr and Clinton White 1% Total 4%	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
24	Sec. 21: N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 22: N $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 28: N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 29: N $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$	400.00	SF 079286-H 7-1-48	U.S.A. - ALL	Texota Oil Company	W. E. Hammond .2% C. Lester Linder .4% J. B. Stephenson .4% Dudley Cornell 1-7/8% William S. Bailey 1/8% Petro-Atlas, Inc. 1 $\frac{1}{2}$ % Total 4 $\frac{1}{2}$ %	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Douglas A. Kenaston, etal (Note 3) 100% below base of Dakota.



Exhibit B -- Puerto Chiquito Unit Area, Rio Arriba County, New Mexico, T. 26 N., R. 1 E.

Tract Number	Description of land	Number of Acres	Appl. or Ser. No. & eff. or exp. date of lease	Basic royalty and percentage	Lessee of record	Overriding royalty and percentage	Working interest and percentage
25	Federal land Sec. 21: S $\frac{1}{2}$ NE $\frac{1}{4}$	80.00	SF 079286-I 7-1-48	U.S.A. - All	Douglas A. Kenaston	W. E. Hammond .2% C. Lester Linder .4% J. B. Stephenson .4% Dudley Cornell 1-7/8% William S. Bailey 1/8% Warren Eugene Carr and Clinton White 1% Total 4%	Douglas A. Kenaston, etal. (Note 3) 50%, Intex 25% and South Penn 25% above base of Dakota. Douglas A. Kenaston, etal (Note 3) 100% below base of Dakota.
26 a.	Sec. 15: SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 16: N $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 17: N $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 20: N $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$	440.00	SF 079287 7-1-48	U.S.A. - All	Petro-Atlas, Inc.	Dudley Cornell 1-7/8% William S. Bailey 1/8% Annetta Buck DeChenne and Barbara Buck Dixon 1% Warren Eugene Carr and Clinton White 1% Total 4%	Petro-Atlas, Inc. 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
26 b.	Sec. 15: N $\frac{1}{2}$ NW $\frac{1}{4}$	80.00	SF 079287 7-1-48	U.S.A. - All	Petro-Atlas, Inc.	Dudley Cornell 1-7/8% William S. Bailey 1/8% Annetta Buck DeChenne and Barbara Buck Dixon 1% Warren Eugene Carr and Clinton White 1% Total 4%	J. N. Fetzer 50%, Intex 25% and South Penn 25% above base of Dakota. J. N. Fetzer 100% below base of Dakota. Assgn. from Petro- Atlas, Inc. to Fetzer filed with BLM.
27 a.	Sec. 15: SW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ W $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ N $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 16: S $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 17: S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 20: S $\frac{1}{2}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$	442.50	SF 079287-A 7-1-48	U.S.A. - All	Douglas A. Kenaston	Dudley Cornell 1-7/8% William S. Bailey 1/8% Annetta Buck DeChenne and Barbara Buck Dixon 1% Petro-Atlas, Inc. 1 $\frac{1}{2}$ % Total 4 $\frac{1}{2}$ %	Douglas A. Kenaston, etal. (Note 3) 50%, Intex 25% and South Penn 25% above base of Dakota. Douglas A. Kenaston, etal (Note 3) 100% below base of Dakota.

Exhibit B -- Puerto Chiquito Unit Area, Rio Arriba County, New Mexico, T. 26 N., R. 1 E.

Tract Number	Description of land	Number of Acres	Appl. or Ser. No. & eff. or exp. date of lease	Basic royalty and percentage	Lessee of record	Overriding royalty and percentage	Working interest and percentage
Federal land							
27 b.	Sec. 16: S $\frac{1}{2}$ SW $\frac{1}{4}$	80.00	SF 079287-A 7-1-48	U.S.A. - All	Douglas A. Kenaston	Dudley Cornell 1-7/8% William S. Bailey 1/8% Annetta Buck DeChenne and Barbara Buck Dixon 1% Petro-Atlas, Inc. 1 $\frac{1}{2}$ % Total 4 $\frac{1}{2}$ %	J. N. Fetzer 50%, Intex 25% and South Penn 25% above base of Dakota, J. N. Fetzer 100% below base of Dakota. Assgn. from Douglas A. Kenaston to J. N. Fetzer filed with BLM.
28	Sec. 17: N $\frac{1}{2}$ SW $\frac{1}{4}$	80.00	NM 094557 6-1-60	U.S.A. - All	Wanette Smith	None	Wanette Smith 100%
29	Sec. 15: S $\frac{1}{2}$ NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 16: S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 17: S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 20: S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$	560.00	SF 079287-D 7-1-48	U.S.A. - All	Texota Oil Company	Dudley Cornell 1-7/8% William S. Bailey 1/8% Annetta Buck DeChenne and Barbara Buck Dixon 1% Warren Eugene Carr and Clinton White 1% Total 4%	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
30	Sec. 15: NW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ W $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 16: N $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 20: N $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$	457.50	SF 079287-E 7-1-48	U.S.A. - All	Texota Oil Company	Dudley Cornell 1-7/8% William S. Bailey 1/8% Annetta Buck DeChenne and Barbara Buck Dixon 1% Petro-Atlas, Inc. 1 $\frac{1}{2}$ % Total 4 $\frac{1}{2}$ %	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Douglas A. Kenaston, etal (Note 3) 100% below base of Dakota.
31	Sec. 8: Lots 3, 4, N $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 9: Lot 1, NE $\frac{1}{4}$ SE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 17: N $\frac{1}{2}$ NW $\frac{1}{4}$	289.93	SF 079288-B 6-1-49	U.S.A. - All	Petro-Atlas, Inc.	Dudley Cornell 1-7/8% William S. Bailey 1/8% A. B. Stewart 1% Warren Eugene Carr and Clinton White 1% Total 4%	Petro-Atlas, Inc. 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.

Exhibit B -- Puerto Chiquito Unit Area, Rio Arriba County, New Mexico, T. 26 N., R. 1 E.

Tract Number	Description of land	Number of Acres	Appl. or Ser. No. & eff. or exp. date of lease	Basic royalty and percentage	Lessee of record	Overriding royalty and percentage	Working interest and percentage
32	Federal land Sec. 17: S $\frac{1}{2}$ NW $\frac{1}{4}$	80.00	SF 079288-C 6-1-49	U.S.A. - All	Texota Oil Company	Dudley Cornell 1-7/8% William S. Bailey 1/8% A. B. Stewart 1% Warren Eugene Carr and Clinton White 1% Total 4%	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
33	Sec. 8: Lots 1, 5, NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 9: Lot 4, N $\frac{1}{2}$ NE $\frac{1}{4}$ Sec. 17: N $\frac{1}{2}$ NE $\frac{1}{4}$	302.53	SF 079288-D 6-1-49	U.S.A. - All	Texota Oil Company	Dudley Cornell 1-7/8% William S. Bailey 1/8% A. B. Stewart 1% Petro-Atlas, Inc. 1 $\frac{1}{2}$ % Total 4 $\frac{1}{2}$ %	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Douglas A. Kenaston, etal (Note 3) 100% below base of Dakota.
34	Sec. 8: Lot 7, S $\frac{1}{2}$ NW $\frac{1}{4}$ Sec. 9: Lot 2, SE $\frac{1}{4}$ SE $\frac{1}{4}$ ; E $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	193.20	SF 079288-E 6-1-49	U.S.A. - All	Texota Oil Company	Dudley Cornell 1-7/8% William S. Bailey 1/8% A. B. Stewart 1% Warren Eugene Carr and Clinton White 1% Total 4%	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
35	Sec. 3: Lot 3 Sec. 4: Lots 3, 4, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ , W $\frac{1}{2}$ W $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 5: Lots 3, 4, N $\frac{1}{2}$ SE $\frac{1}{4}$ except that portion of H.E.S. 484 lying within said N $\frac{1}{2}$ SE $\frac{1}{4}$	336.04	SF 080312 5-1-51	U.S.A. - All	Petro-Atlas, Inc.	Dudley Cornell 1-7/8% William S. Bailey 1/8% Annetta Buck DeChenne and Barbara Buck Dixon 1% Warren Eugene Carr and Clinton White 1% Total 4%	Petro-Atlas, Inc. 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.

Exhibit B -- Puerto Chiquito Unit Area, Rio Arriba County, New Mexico, T. 26 N., R. 1 E.

Tract Number	Description of land	Number of Acres	Appl. or Ser. No. & eff. or exp. date of lease	Basic royalty and Percentage	Lessee of record	Overriding royalty and percentage	Working interest and percentage
Federal land							
36 a.	Sec. 3: S $\frac{1}{2}$ S $\frac{1}{2}$ N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 4: Lot 2, N $\frac{1}{2}$ SW $\frac{1}{4}$ except that portion of H.E.S. 484 lying within said N $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 5: Lots 1, 2, N $\frac{1}{2}$ SW $\frac{1}{4}$	276.57	SF 080312-A 5-1-51	U.S.A. - All	Douglas A. Kenaston	Dudley Cornell 1-7/8% William S. Bailey 1/8% Annette Buck DeChenne and Barbara Buck Dixon 1% Petro-Atlas, Inc. 1 $\frac{1}{2}$ % Total 4 $\frac{1}{2}$ %	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Douglas A. Kenaston, etal. (Note 3) 100% below base of Dakota. Operating Agreee. from Kenaston to Texota filed with BLM.
36 b.	Sec. 3: S $\frac{1}{2}$ SW $\frac{1}{4}$ Sec. 4: Lot 6, S $\frac{1}{2}$ SW $\frac{1}{4}$ except those portions of H.E.S. 484 and 486 lying within said S $\frac{1}{2}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 5: S $\frac{1}{2}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ except that portion of H.E.S. 484 lying within said S $\frac{1}{2}$ NE $\frac{1}{4}$	291.46	SF 080312-A 5-1-51	U.S.A. - All	Douglas A. Kenaston	Dudley Cornell 1-7/8% William S. Bailey 1/8% Annette Buck DeChenne and Barbara Buck Dixon 1% Petro-Atlas, Inc. 1 $\frac{1}{2}$ % Total 4 $\frac{1}{2}$ %	Douglas A. Kenaston, etal. (Note 3) 50%, Intex 25% and South Penn 25% above base of Dakota. Douglas A. Kenaston, etal. (Note 3) 100% below base of Dakota.
37	Sec. 4: S $\frac{1}{2}$ NW $\frac{1}{4}$ except that portion of H.E.S. 484 lying within said S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ Sec. 5: S $\frac{1}{2}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ except those portions of H.E.S. 484 and 486 lying within said S $\frac{1}{2}$ SE $\frac{1}{4}$	278.88	SF 080312-B 5-1-51	U.S.A. - All	Texota Oil Company	Dudley Cornell 1-7/8% William S. Bailey 1/8% Annette Buck DeChenne and Barbara Buck Dixon 1% Warren Eugene Carr and Clinton White 1% Total 4%	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Petro-Atlas, Inc. 100% below base of Dakota.
37 Federal tracts 11,831.79 acres or 93.01% of Unit Area							

Exhibit B -- Puerto Chiquito Unit Area, Rio Arriba County, New Mexico, T. 26 N., R. 1 E.

Tract Number	Description of land	Number of Acres	Appl. or Ser. No. & eff. or exp. date of lease	Basic royalty and percentage	Lessee of record	Overriding royalty and percentage	Working interest and percentage
38	Patented land H.E.S. No. 488, in Sec. 8, T. 26 N., R. 1 E., containing 159.99 acres according to the Official Plat of the Survey of said land, returned to the General Land Office by the Surveyor General.	159.99	2-10-58	Alfonso Eiturriaga	Texota Oil Company	Warren Eugene Carr and Clinton White 1% Total 1%	Texota Oil Company, etal. (Note 2) 50%, Intex 25% and South Penn 25% above base of Dakota. Texota Oil Company, etal. (Note 1) 100% below base of Dakota.
39	Parcel 1: Homestead Entry Survey No. 484, embracing a portion of Sections 4, 5 and 8, containing 159.58 acres, according to the Official Plat of the Survey of the said land, returned to the General Land Office by the Surveyor General. Parcel 2: Homestead Entry Survey No. 486, embracing a portion of Sections 4, 5, 8 and 9 of said Town- ship and Range, containing 159.01 acres, according to the Official Plat of the said land, returned to the General Land Office by the Surveyor General.	318.59	5-20-59	Alfonso Eiturriaga	Intex Oil Company	None	Intex Oil Company 50% and South Penn Oil Company 50%.

40	Sec. 3: N $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ E $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4: N $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ .	160.00	5-20-59	Aurelia Salazar	Intex Oil Company	None	Intex Oil Company 50% and South Penn Oil Company 50%.
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