

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION



GABRIEL CARBUTHERS
DIRECTOR

February 6, 1987

RECEIVED
FEB 10 1987
OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

RECEIVED
FEB 10 1987
STATE LAND OFFICE
SALT LAKE NEW MEXICO
ROOM 927 5000

Baruch-Foster Corp.
1160 One Energy Square
4925 Greenville Avenue
Dallas, Texas 75206

DISTRICT II EHCWC NO. 26

Re: Emergency Hardship Gas Well
Classification

Little Jewel Com #1-F-31-22-27
South Carlsbad Strawn/Morrow Pool

Gentlemen:

Under provisions of Rule 411, you are hereby granted an emergency hardship classification for the above captioned well. This well is not to be produced in excess of 350 MCFD.

In the matter of permanent hardship classification for this well, it has been set for an examiners hearing on March 18, 1987.

Please notify Mr. Mike Williams, of this office, of your log-off test schedule.

Very truly yours,

Mike Williams
Mike Williams

MV/nm

cc Vic Lyon
El Paso Natural Gas Co.
Florene Davidson
Harold Garcia
Mike Williams

19801N + 19001W

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



GARREY CARRUTHERS
GOVERNOR

February 11, 1987

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

Baruch-Foster Corp.
1160 One Energy Square
4925 Greenville Avenue
Dallas, Texas 75206

Case 9104

Attention: J. F. Ellebracht

Re: Application for Hardship Classification -
Little Jewel Com No. 1 Well

Gentlemen:

Your application dated January 30 for the captioned well was received, as was letter dated February 6 from the Artesia office granting emergency classification. At your hearing, scheduled for March 18, you should be prepared to substantiate your claim of recoverable reserves which would be lost if hardship classification is denied, and also the minimum sustainable flow rate which would prevent logging off of the well.

As indicated by Mr. Williams' letter, your log-off testing should be coordinated with Mr. Williams in our Artesia office.

Yours very truly,

VICTOR T. LYON,
Chief Petroleum Engineer

VTI/dr

NEW MEXICO OIL CONSERVATION COMMISSION
FIELD TRIP REPORT

CLASSIFICATION

FACILITY

HOURS

QUARTER
HOURS

Name Mike Williams Date 3/10/87 Miles 121 District II
Time of Departure 8:00 Time of Return 2:30 Car No. 9027

In the space below indicate the purpose of the trip and the duties performed, listing wells or leases visited and any action taken.

Signature _____

0 P 6 2

1 well F-31-22-27 Baruch Foster Little Jewell Com #1
Flow Test #7 Well Flowed
291 MCF Gas in 24 HRS on
a 2 3/64" choke. We reduced
choke to 2 2/64" & the compressor
died in less than 1 hour.
291 MCF Gas per Day is the
minium rate this well will flow
without the compressor being
modified

Case # 9104

Mileage

UIC _____

RFA _____

Other 121

Per Diem

UIC _____

RFA _____

Other 6

Hours

UIC _____

RFA _____

Other 6 1/2

TYPE INSPECTION
PERFORMED

INSPECTION
CLASSIFICATION

NATURE OF SPECIFIC WELL
OR FACILITY INSPECTED

- Housekeeping
- Plugging
- Plugging Cleanup
- Well Test
- Repair/Workover
- Waterflow
- Mishap or Spill
- Water Contamination
- Other

- U - Underground Injection Control - Any inspection of or related to injection project, facility, or well or resulting from injection into any well. (SWD, 2ndry injection and production wells, water flows or pressure tests, surface injection equipment, plugging, etc.)
- R - Inspections relating to Reclamation Fund Activity
- O - Other - Inspections not related to injection or The Reclamation Fund

E - Indicates some form of enforcement action taken in the field (when appropriate, use the letter "E")

- D - Drilling
- P - Production
- I - Injection
- C - Combined prod. Inf. operations
- S - SWD
- U - Underground Storage
- G - General Operation
- F - Facility or location
- H - Henting
- O - Other

Well Goes thru Compression
Gas Commingled @ surface
Both zones open & flow probably
not flooding

LOG OFF TEST DATA SHEET

Flow Test No. 1

Company Barnes-Foster Lease and Well No. Little Jewel Com #1
Pool Name S Carlsbad Strawn Marrow Section 31 Township 22 Range 27 Unit F
Min. Rate Requested by Co. _____ Mcf Date Test Started 3/3/87
Date Test Ended 3/4/87 Time Test Started 10:00 AM Time Test Ended 10:00 AM
Company Rep. Kirk Morgan - 887-7083
Division Rep. MW

PRODUCTION DATA

<u>OIL/CONDENSATE</u> - ^{TF} meter 106679.1		<u>WATER</u> Makes No Fluid	
Tank No. _____	Size _____	Tank No. _____	Size _____
Closing Gauge _____	Bbls. _____	Closing Gauge _____	Bbls. _____
Opening Gauge _____	Bbls. _____	Opening Gauge _____	Bbls. _____
Total Produced _____	Bbls. _____	Total Produced _____	Bbls. _____

Total Fluid - Condensate + Water _____

GAS MEASUREMENT DATA

Orifice Meter Static Lbs. 1500 Differential-Inches 100
Meter Loop Size 4" Plate Size 1"
Flange Tap ☒ Or Pipe Tap _____
Chart L-10 _____ Or Standard ☒
Gas Gravity 1.07 .625 Average Gas Temp. _____

WELL DATA

Choke Size 69/64 wide open 1" Tubing Recorder Range _____ Lbs.
Casing Recorder Range _____ Lbs.
Tubing Opening Pressure ^{Strawn} 30 ^{marrow} 175 Casing Opening Pressure ^{Strawn} 560
Tubing Closing Pressure ^{Strawn} 28 ^{marrow} 275 Casing Closing Pressure ^{Strawn} 575

Did well stabilize in 24 hour test period? Yes ☒ No _____

If YES how long stabilized flow? 22 hrs.

CALCULATIONS

Average Static 640* Average Differential 26
Orifice Factor ^{1x1} 6.135 X Diff. ²⁶ 5.099 X Stat. Ext. ¹⁴⁰ 25.558 X Temp. ^{65°} Factor .9952
X Sp.Gr. Factor .7746 = Volume/Gas 817 MCF ÷ Fluid 0

Fluid/Gas Ratio Cu. ft./bbl.

Volume Gas Kirk - 795 mcf

sp Sat 1 = 616 MCF
sp Sat .625 = 778 MCF
sales meter = 795 MCF

LOG OFF TEST DATA SHEET

Flow Test No. 2

Company Baruch-Foster Lease and Well No. Little Jewell Corn #1
 Pool Name SCarlsbad Strawn/Morrow Section 31 Township 22 Range 27 Unit F
 Min. Rate Requested by Co. _____ Mcf Date Test Started 3/4/87
 Date Test Ended 3/5/87 Time Test Started 10:00 Time Test Ended 10:00
 Company Rep. Kirk Morgan
 Division Rep. mw

PRODUCTION DATA

OIL/CONSENSATE TF meter 106679.1 —

WATER

Tank No. _____	Size _____	Tank No. _____	Size _____
Closing Gauge _____	" Bbls. _____	Closing Gauge _____	" Bbls. _____
Opening Gauge _____	" Bbls. _____	Opening Gauge _____	" Bbls. _____
Total Produced _____	" Bbls. _____	Total Produced _____	" Bbls. _____

Total Fluid - Condensate + Water 0

GAS MEASUREMENT DATA

Orifice Meter Static Lbs. 1500 Differential-Inches 100
 Meter Loop Size 4" Plate Size 1"
 Flange Tap ☒ Or Pipe Tap _____
 Chart L-10 _____ Or Standard ☒
 Gas Gravity .585 Average Gas Temp. _____

WELL DATA

Choke Size 4.7 Tubing Recorder Range _____ Lbs.
 Casing Recorder Range _____ Lbs.
 Tubing Opening Pressure ^{Strawn 28}_{Morrow 275} _____ Casing Opening Pressure 575
 Tubing Closing Pressure ^{Strawn 24}_{Morrow 290} _____ Casing Closing Pressure 550
 Did well stabilize in 24 hour test period? Yes ☒ No _____
 If YES how long stabilized flow? _____ hrs.

CALCULATIONS

Average Static 390⁺ Average Differential 44
 Orifice Factor 6.135 X Diff. 6.633 X Stat. Ext. 20.080 X Temp. ^{65°} Factor .9971 = 215
 X Sp.Gr. Factor .7746 = Volume/Gas 823 MCF ÷ Fluid _____
 _____ Fluid/Gas Ratio Cu. ft./bbl. ^{Kirk 795}

LOG OFF TEST DATA SHEET

Flow Test No. 3

Company Basuch Foster Lease and Well No. Little Jewell Com #1
 Pool Name Scrubbed straw/marrow Section 31 Township 22 Range 27 Unit 5
 Min. Rate Requested by Co. _____ Mcf Date Test Started 3/5/87
 Date Test Ended 3/6/87 Time Test Started 10:00 Time Test Ended 10:00
 Company Rep. Kirk Morgan
 Division Rep. MW

PRODUCTION DATA

OIL/CONDENSATE TF meter 106679.1

WATER

Tank No. _____	Size _____	Tank No. _____	Size _____
Closing Gauge _____	" Bbls. _____	Closing Gauge _____	" Bbls. _____
Opening Gauge _____	" Bbls. _____	Opening Gauge _____	" Bbls. _____
Total Produced _____	" Bbls. _____	Total Produced _____	" Bbls. _____

Total Fluid - Condensate + Water _____

GAS MEASUREMENT DATA

Orifice Meter Static Lbs. _____ Differential-Inches _____
 Meter Loop Size 4" Plate Size 1"
 Flange Tap _____ Or Pipe Tap _____
 Chart L-10 _____ Or Standard _____
 Gas Gravity .585 Average Gas Temp. _____

WELL DATA

Choke Size 440 Tubing Recorder Range _____ Lbs.
 Casing Recorder Range _____ Lbs.
 Tubing Opening Pressure ⁵²⁴_{m-290} _____ Casing Opening Pressure 550
 Tubing Closing Pressure ⁵⁻²¹_{m-290} _____ Casing Closing Pressure 542
 Did well stabilize in 24 hour test period? Yes _____ No _____
 If YES how long stabilized flow? _____ hrs.

CALCULATIONS

Average Static 650 Average Differential 27
 Orifice Factor 6.135 X Diff. 5.196 X Stat. Ext. 25.753 X Temp. ^{63°} Factor .9971
 X Sp.Gr. Factor 1.0127 = Volume/Gas 828 MCF ÷ Fluid 0
 _____ Fluid/Gas Ratio Cu. ft./bbl.

LOG OFF TEST DATA SHEET

Flow Test No. 4 Stam

Company Baruch Foster Lease and Well No. Little Jewell Com #1
 Pool Name Scarsbad straw/mr Section 31 Township 22 Range 27 Unit F
 Min. Rate Requested by Co. _____ Mcf Date Test Started 3/6/87
 Date Test Ended 3/7/87 Time Test Started 10:00 Time Test Ended 10:00
 Company Rep. Kirk Morgan
 Division Rep. MW

PRODUCTION DATA

OIL/CONDENSATE		TF Meter-	WATER	
Tank No. _____	Size _____		Tank No. _____	Size _____
Closing Gauge _____	" Bbls. _____		Closing Gauge _____	" Bbls. _____
Opening Gauge _____	" Bbls. _____		Opening Gauge _____	" Bbls. _____
Total Produced _____	" Bbls. _____		Total Produced _____	" Bbls. _____

Total Fluid - Condensate + Water _____

GAS MEASUREMENT DATA

Orifice Meter Static Lbs. _____ Differential-Inches _____
 Meter Loop Size 4" Plate Size 1"
 Flange Tap _____ Or Pipe Tap _____
 Chart L-10 _____ Or Standard _____
 Gas Gravity .585 Average Gas Temp. _____

WELL DATA

Choke Size 3.0 Tubing Recorder Range _____ Lbs.
 Casing Recorder Range _____ Lbs.
 Tubing Opening Pressure 5-31 m-290 Casing Opening Pressure 542
 Tubing Closing Pressure 5-38 m-296 Casing Closing Pressure 540
 Did well stabilize in 24 hour test period? Yes _____ No _____
 If YES how long stabilized flow? _____ hrs.

CALCULATIONS

Average Static ✓ 570-410 Average Differential ✓ 23-38
 Orifice Factor 6.135 X Diff. 6.164 X Stat. Ext. 20.572 X Temp. Factor ✓ 68° 68° 9952
 X Sp.Gr. Factor 1.0121 = Volume/Gas 787 MCF ÷ Fluid 0
 _____ Fluid/Gas Ratio Cu. ft./bbl. Kirk 782 MCF

LOG OFF TEST DATA SHEET

Flow Test No. 5 Sun AM

Company Baruch & Foster Lease and Well No. Little Jewell com #1
 Pool Name Sanctisbad straw/mud Section 31 Township 22 Range 27 Unit F
 Min. Rate Requested by Co. _____ Mcf Date Test Started 3-7-87
 Date Test Ended 3-8-87 Time Test Started 10:00 AM Time Test Ended 10:00 AM
 Company Rep. Kirk Morgan
 Division Rep. MW

PRODUCTION DATA

OIL/CONDENSATE		TF - meter -	WATER	
Tank No. _____	Size _____		Tank No. _____	Size _____
Closing Gauge _____	" Bbls. _____		Closing Gauge _____	" Bbls. _____
Opening Gauge _____	" Bbls. _____		Opening Gauge _____	" Bbls. _____
Total Produced _____	" Bbls. _____		Total Produced _____	" Bbls. _____

Total Fluid - Condensate + Water _____

GAS MEASUREMENT DATA

Orifice Meter Static Lbs. _____ Differential-Inches _____
 Meter Loop Size 4" Plate Size 1"
 Flange Tap ✓ Or Pipe Tap _____
 Chart L-10 _____ Or Standard _____
 Gas Gravity .585 Average Gas Temp. 65°

WELL DATA

Choke Size 2+2 - 24 Tubing Recorder Range _____ Lbs.
 Casing Recorder Range _____ Lbs.
 Tubing Opening Pressure 5 38 Casing Opening Pressure 540 psi
M 290
 Tubing Closing Pressure 5 48 Casing Closing Pressure 540 psi
M 290
 Did well stabilize in 24 hour test period? Yes _____ No _____
 If YES how long stabilized flow? _____ hrs.

CALCULATIONS

Average Static ✓ 420 Average Differential ✓ 6
 Orifice Factor 6.135 X Diff. 2.449 X Stat. Ext. 20.814 X Temp. Factor ✓ 65 9950
 X Sp.Gr. Factor 1.0127 = Volume/Gas 315 MCF ÷ Fluid _____

Fluid/Gas Ratio Cu. ft./bbl. Kirk 237

Lowered choke setting to 2.2 - Compressor died. Increased
 choke back to 2.4

LOG OFF TEST DATA SHEET

Flow Test No. 6

Company Baruch Foster Lease and Well No. Little Jewell Com # 1
 Pool Name S/Carlsbad Strawn/Morrow Section 31 Township 22 Range 27 Unit F
 Min. Rate Requested by Co. _____ Mcf Date Test Started 3-8-87
 Date Test Ended 3-9-87 Time Test Started 10:00 Time Test Ended 10:00
 Company Rep. Mike Morrey
 Division Rep. Oil

PRODUCTION DATA

<u>OIL/CONDENSATE</u> <i>TF-meter O Prod</i> Tank No. _____ Size _____ Closing Gauge _____ " Bbls. _____ Opening Gauge _____ " Bbls. _____ Total Produced _____ " Bbls. _____	<u>WATER</u> Tank No. _____ Size _____ Closing Gauge _____ " Bbls. _____ Opening Gauge _____ " Bbls. _____ Total Produced _____ " Bbls. _____
--	--

Total Fluid - Condensate + Water _____

GAS MEASUREMENT DATA

Orifice Meter Static Lbs. _____ Differential-Inches _____

Meter Loop Size .4" Plate Size 1"

Flange Tap ☒ Or Pipe Tap _____

Chart L-10 _____ Or Standard _____

Gas Gravity .585 Average Gas Temp. 60

WELL DATA

Choke Size 2.4 Tubing Recorder Range _____ Lbs.

Casing Recorder Range _____ Lbs.

Tubing Opening Pressure ^{S 48} m 390 Casing Opening Pressure 540

Tubing Closing Pressure ^{S-54} m-250 Casing Closing Pressure 540

Did well stabilize in 24 hour test period? Yes _____ No _____

If YES how long stabilized flow? _____ hrs.

CALCULATIONS

Average Static 420 Average Differential 19

Orifice Factor 6.135 X Diff. 4.855 X Stat. Ext. 20.514 X Temp. Factor ⁶⁰ 1.600

X Sp.Gr. Factor 1.0127 = Volume/Gas 564 MCF ÷ Fluid 0

_____ Fluid/Gas Ratio Cu. ft./bbl. Kirk 560

LOG OFF TEST DATA SHEET

Flow Test No. 7

Company Baruch Foster Lease and Well No. Little Jewell Corn # 1
 Pool Name See 13 Strawn/Union Section 31 Township 22 Range 27 Und 5
 Min. Rate Requested by Co. _____ Mcf Date Test Started 3-9-87
 Date Test Ended 3-10-87 Time Test Started 10:00 Time Test Ended 10:00
 Company Rep. Kirk Morgan
 Division Rep. MDU

PRODUCTION DATA

OIL/CONDENSATE		TF Meter - 6 Inch	WATER	
Tank No. _____	Size _____		Tank No. _____	Size _____
Closing Gauge _____	" Bbls. _____		Closing Gauge _____	" Bbls. _____
Opening Gauge _____	" Bbls. _____		Opening Gauge _____	" Bbls. _____
Total Produced _____	" Bbls. _____		Total Produced _____	" Bbls. _____

Total Fluid - Condensate + Water _____

GAS MEASUREMENT DATA

Orifice Meter Static Lbs. _____ Differential-Inches _____
 Meter Loop Size 4" Plate Size 1"
 Flange Tap ✓ Or Pipe Tap _____
 Chart L-10 _____ Or Standard _____
 Gas Gravity .585 Average Gas Temp. 59°

WELL DATA

Choke Size 2.3 Reduced compressor Tubing Recorder Range _____ Lbs.
from 1200 RPM to 450 RPM
400 RPM is minimum required rate Casing Recorder Range _____ Lbs.
 Tubing Opening Pressure 54 Casing Opening Pressure 540
 Tubing Closing Pressure 5-55 Casing Closing Pressure 540
 Did well stabilize in 24 hour test period? Yes _____ No _____
 If YES how long stabilized flow? _____ hrs.

CALCULATIONS

Average Static 420 Average Differential 5
 Orifice Factor 6.135 X Diff. 2.236 X Stat. Ext. 20.814 X Temp. Factor 1.0055
 X Sp.Gr. Factor 1.0127 = Volume/Gas 291 MCF ÷ Fluid _____
 _____ Fluid/Gas Ratio Cu. ft./bbl. Kirk

Reduced Choke setting to 22 & compressor died in less than 1 HR. This is minimum rate, unless compressor is modified

W. Thomas Kellahin
Karen Aubrey

Jason Kellahin
Of Counsel

KELLAHIN and KELLAHIN
Attorneys at Law
El Patio - 117 North Guadalupe
Post Office Box 2265
Santa Fe, New Mexico 87504-2265

Telephone 982-4285
Area Code 505

DK
3-17-87

March 16, 1987

Mr. William J. LeMay
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87504

Re: Baruch-Foster Corporation
Hardship Well Application
NMOCS Case 9104

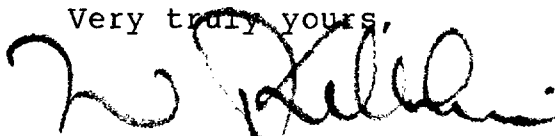
Dear Mr. LeMay:

On behalf of Baruch-Foster Corporation, we would appreciate you continuing Division Case 9104 from the March 18, 1987 docket to the next docket now set for April 8, 1987. The continuance is needed to give our expert witness additional time to review data and prepare exhibits.

A hearing on April 8, 1987 will still come prior to the expiration of the 90-day temporary period which was authorized on February 19, 1987 in an amount not in excess of 500 mcf/day.

Please call me if you have any questions.

Very truly yours,


W. Thomas Kellahin

WTK:ca
Enc.

cc: Mr. Mohamid Merchant
P. O. Box 5315
Hobbs, New Mexico 88240

KELLAHIN, KELLAHIN AND AUBREY

Attorneys at Law

W. Thomas Kellahin
Karen Aubrey

El Patio - 117 North Guadalupe

Post Office Box 2265

Santa Fe, New Mexico 87504-2265

Telephone 982-4285
Area Code 505

Jason Kellahin
Of Counsel

May 5, 1987

RECEIVED

MAY 6 1987

Mr. Michael E. Stogner
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

OIL CONSERVATION DIVISION

"Hand Delivered"

Re: Baruch-Foster Corporation
Hardship Gas Well Application
NMOCD Case 9104

Dear Mr. Stogner:

At the hearing of the reference case on April 8, 1987, you requested Mr. Mohammed Merchant, the witness for the applicant, to provide you with a cross section by which you could compare the Little Jewel Well with the Allen Well. I have enclosed a copy of that cross section.

In addition, you asked for additional information concerning the reasons for the February 1977 increase in production from the Little Jewel #1 well. That increase can be attributed to several reasons: the operator repaired leaking packs and a hole in the tubing about that time, along with a 1500 gal MOD 202 Acid stimulation. Further, the operator changed pipeline contracts from Llano to El Paso.

I have enclosed the proposed order you requested I submit.

Very truly yours,


W. Thomas Kellahin

WTK:ca
Enc.

cc: Mohammed Merchant

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

APPLICATION OF BARUCH-FOSTER CORP.
FOR HARDSHIP GAS WELL CLASSIFICATION,
EDDY COUNTY, NEW MEXICO.

CASE NO: 9104
ORDER NO.:

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on April 8, 1987, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this ____ day of May, 1987, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Baruch-Foster Corporation, seeks a determination that its Little Jewel Com No. 1 well, located 1980 feet from the North line and 1900 feet from the West line (Unit F) of Section 31, Township 22, South, Range 27 East, NMPM, Eddy County, New Mexico, is a hardship gas well which should be granted priority access to pipeline takes in order to avoid waste.

(3) Said Little Jewel Com No. 1 well was originally drilled to and dually completed in the Morrow and Strawn formations in March, 1974.

(4) The applicant has installed a compressor on the well and there is no additional remedial or mechanical action the applicant can take to rectify the problem.

(5) The applicant has already suffered the loss of its Allen #1 well as the result of having said well shut-in and then not being able to restore production.

(6) The applicant's Allen #1 well was drilled in the E/2 of said Section 31 and is a gas well completed in the same Morrow formation as the subject well.

(7) The applicant attributes the sensitivity of these wells to the fact that while there is insufficient water to be produced at the surface, there is enough water in the wellbore so that if the well is shut-in then the water expands the clays in the formation around the wellbore causing the perforations to be closed and permanently restricting the ability of the well to produce otherwise recoverable gas reserves.

(8) Due to low market demand for gas, the subject well has been shut-in several times since its completion.

(9) Gas reserves in the amount of 358 MMCF may be lost should the well be plugged and abandoned, thereby causing waste.

(10) The applicant presented engineering calculations at the hearing that indicate that the minimum producing rate for the well should be 350 Mcf/day.

(11) The applicant presented actual production data from the well which support the minimum producing rate calculations presented at the hearing.

(12) The applicant conducted a log-off test on the well in order to substantiate the minimum producing rate calculations presented at the hearing.

(13) The applicant further requested that a provision be included in the order allowing administrative approval of an increase in the minimum flow rate for the well upon a proper showing to the Director of the Division that said increase is necessary and justified.

(14) To prevent waste, applicant's well should be designated a hardship gas well and be given priority access to the available market for gas.

Best case much a part of rough

KELLAHIN, KELLAHIN AND AUBREY

Attorneys at Law

El Patio - 117 North Guadalupe

Post Office Box 2265

Santa Fe, New Mexico 87504-2265

W. Thomas Kellahin
Karen Aubrey

Jason Kellahin
Of Counsel

Telephone 982-4285
Area Code 505

RECEIVED

June 2, 1987

JUN - 2 1987

Mr. Michael E. Stogner
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

OIL CONSERVATION DIVISION

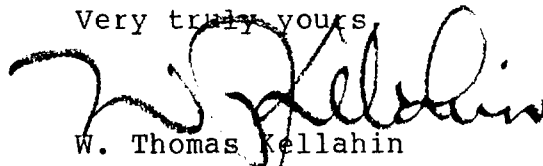
"Hand Delivered"

Re: Baruch-Foster Corporation
Hardship Gas Well Application
NMOCD Case 9104

Dear Mr. Stogner:

We presented the referenced case to you at a hearing held on April 8, 1987. The operator has requested I contact you to determine when they might expect an order. Please let me know.

Very truly yours,


W. Thomas Kellahin

WTK:ca

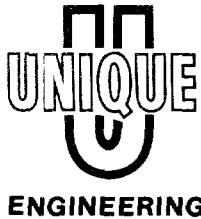
cc: Mr. M. Y. Merchant
Baruch-Foster Corporation
P. O. Box 5970
Hobbs, New Mexico 88241

June 3, 1987 (m)

Dear Mr. Kellahin,

*The Order will be issued on the
case when I receive the information.*

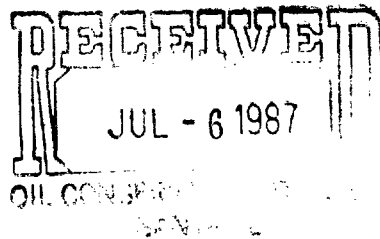
Michael Stogner



Oil & Gas Consultants

Acquisitions - Evaluations - Well Supervision - Property Management - Regulatory Affairs - Contract Pumping

Phone (505) 397-3596
P. O. Box 5970
HOBBS, NEW MEXICO 88241



June 30, 1987

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

Attn: Mr. Mike Stogner

Re: Baruch-Foster Corporation
Hardship Well Application
NMOCD Case 9104

Dear Mike:

As I informed you earlier today the Little Jewel Com. No. 1 is not producing from the Strawn. This was true when the log-off test was ran and is true today.

Jim Ellebracht of Baruch-Foster has confirmed the fact the Strawn would not produce. At one time it was producing and they were allocating 47-53% to Strawn and Morrow. Since Strawn is not capable of producing at current line pressures, etc., a correction was never made on the reports. Please note the ownership in both zones is the same. A correction will be made soon in the Dallas, Texas office.

Mike, I appreciate your cooperation and look forward to a favorable response soon. If you have any questions, please contact me. Thank you.

Sincerely,

UNIQUE ENGINEERING, INC.


M. Y. (Merch) Merchant
President

MYM/br

CC: Jim Ellerbracht
Tom Kellahin

"Helping America produce energy since 1975"

WELL S I R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC 1986	PROD MP	ACCU
WELLS FEDERAL COM IC 422527E GAS OIL	RECOMPLETED TO ESPERANZA DELANARE												198149	139
COMPANY TOTAL OIL GAS WAT	865	790	1580 6	2314	353	4610	3674 27	1783 39	2393 324	726 2	426	401	19915 398	3337312
UNION TEXAS PETROLEUM CORPORATION ALLIED CHEMICAL FEDERAL 2E 324526E GAS CARLSBAD 12 COM 101222527E GAS CARLSBAD 13 COM 101322526E GAS OIL WAT	*****												17026	734035
COMPANY TOTAL OIL GAS WAT	5175	5344	399	3596	9782	485	1980	376	673	964 2	556	5907	35237 2	3277708
VINTAGE PETROLEUM, INC. ALLIED STATE 111023526E GAS OIL	*****												1890	184106
HARVEY E. YATES CO. AMOCO 2 STATE 1E222527E GAS MUBIL 1 STATE 1C2123527E GAS OIL 2K2123527E GAS OIL	RECOMPLETED TO EDDY UNDES ATOKA (GAS)												667368	
COMPANY TOTAL OIL GAS	LAST PROD. DATE 04/85												5	1499384
CARLSBAD STRAWN (GAS)	PS 10M TO 11M												5	196699
BARUCH-FOSTER CORP. SABK 1B1722527E GAS OIL WAT	*****												2965 30	885537 423
BELCO DEVELOPMENT CORPORATION UNION HEAD COM 1H 822527E GAS OIL WAT	*****												177435 156	2763355 28125
CITIES SERVICE OIL AND GAS CORP. PASLAY 5 COM 1K 822527E GAS OIL	*****												D	5220044 26981
PETRO LEWIS CORP NICHOLS 1C2122527E GAS OIL	*****												79302 42	469894 4003
SANTA FE ENERGY OPERATING PARTNERS, L.P. FERROUS 3H 1J2322527E GAS OIL WAT	*****												239224 7223	262119 7887
HENRY 102622527E GAS OIL WAT	*****												32636 9116	1765696 35890
21222527E GAS OIL WAT	*****												5019 5078	118109 2433
LEASE TOTAL GAS OIL WAT	*****												37713 70747	1883805 1883805
WEEMS 1C2722527E GAS OIL WAT	*****												30979 101849	3919738 76482
COMPANY TOTAL OIL GAS WAT	*****												1629 1699	122692 6065662
CARLSBAD STRAWN, EAST (GAS)	PS 10M TO 11M												14	324609
BASS ENTERPRISES PRODUCTION CO. BIG EDDY UNIT 65C3121528E GAS OIL	*****												14	15726
CARLSBAD STRAWN, SOUTH (GAS)	PS 10M TO 11M												6	9292
BARUCH-FOSTER CORP. ALLEN 1J3122527E GAS OIL	*****												9292	3919485
JOELL 1C 623527E GAS OIL	*****												8902	7375938
LITTLE JEWEL COM 1F3122527E GAS OIL	*****												55314	4975756
COMPANY TOTAL OIL GAS WAT	*****												16903	16271179
CITIES SERVICE OIL AND GAS CORP. SPENCER A 103022527E GAS OIL	*****												17709 177	401228 7501
GRACE ENERGY COMPANY HUMBLE GRACE COM 1P 223526E GAS OIL	*****												S	596797
EDRINE GRACE GRACE CARLSBAD 113622526E GAS OIL WAT	*****												80170 251	1531982 22220
MUBIL PRODUCING TEXAS AND NEW MEXICO RYAN COM 1D 523527E GAS OIL	*****												6	1110105
PENNZOIL COMPANY GULF FEDERAL COM 2L 623527E GAS OIL	*****												S	1180103
SANTA FE ENERGY OPERATING PARTNERS, L.P. NEELY 1A2822527E GAS OIL WAT	*****												876949 12578	3450414 70367
THE SUPERIOR OIL COMPANY COLLATT ESTATE COM 1J 123526E GAS OIL	*****												3404883	68011
CARLSBAD WOLFCAMP, EAST (GAS)	MC 9M TO 10M												285	9401
AMULU PRODUCTION CO STATE 1A 1E2321527E GAS OIL WAT	*****												22905 716	22905 716

WELL S T R JAN FEB MAR APRIL MAY JUNE JULY AUG SEPT OCT NOV DEC 1986 PROD MP ACCUM

PHILLIPS PETROLEUM COMPANY
DRAC 8
1K1823527E GAS ZONE ABANDONED
OIL

330792
1989

CARLSBAD MURROW, EAST (GAS) PM 11M TO 12M

AMOCO PRODUCTION CO
BAUMGARTNER FED COM
1L2621527E GAS 4109 3 385 846 7141 3231 6712 12711 2034 2096 11635 15109 66009 899857
WAT 39 6 54 135 146 14

PERRY R. BASS
BIG EDDY UNIT
65C3121528E GAS ZONE ABANDONED
OIL

132060
57

CHAMPLIN PETROLEUM COMPANY
E J GARNER
1P2621527E GAS LAST PROD. DATE 11/83
OIL

274986
301

NIX YATES COM
1G 222527E GAS LAST PROD. DATE 08/83
OIL

309589
1766

REEVES FEDERAL
1B3521527E GAS PLUGGING APPROVED 1976
OIL

191841
80

2C3521527E GAS 291 487 219 128 1025 62 492 2704 1640962
OIL 10 1 1 1 1 1
WAT 1 1 1 1 1 1

LEASE TOTAL 291 487 219 128 1025 62 492 2704 1640962
OIL 1 1 1 1 1 1
WAT 1 1 1 1 1 1

STATE 36
1L3621527E GAS LAST PROD. DATE 11/81
OIL

1495242
8508

2C3621527E GAS 2904 1549 401 595 2607 203 2589 355 485 11635 15109 66009 899857
OIL 27 9 1 1 6 1 5 31 32 53 53
WAT 27 9 1 1 6 1 5 31 32 53 53

LEASE TOTAL 2904 1549 401 595 2607 203 2589 355 485 11635 15109 66009 899857
OIL 27 9 1 1 6 1 5 31 32 53 53
WAT 27 9 1 1 6 1 5 31 32 53 53

COMPANY TOTAL 2904 1549 401 595 2607 203 2589 355 485 11635 15109 66009 899857
OIL 27 9 1 1 6 1 5 31 32 53 53
WAT 27 9 1 1 6 1 5 31 32 53 53

CITIES SERVICE COMPANY
GOVERNMENT AC
1J2721527E GAS ZONE ABANDONED
OIL

39724

WESTERN OIL PRODUCERS INCORPORATED
HUNKER COM
1K3521527E GAS LAST PROD. DATE 11/79
OIL

599897
202

CARLSBAD MURROW, SO. (PRODUCED GAS) PM 11M TO 12M

ALPHA TWENTY-ONE PRODUCTION CO.
BRC MADERA
1B2922527E GAS 16860 8979 107 15636 16346 12626 17240 14224 9825 15504 12103 11452 150902 2582967
OIL 107 28 49 40 98 68 84 38 40 20 28 600 1374

AMOCO PRODUCTION CO
MIDWEST FEDERAL GAS COM
1K3422526E GAS 8085 754 4734 837 1276 8810 36456 2423588
OIL 62 73 63 104 302 176 8109 446116
WAT 3687 3575 246 420 5 176 8109 446116

STATE W
1G 323526E GAS 3687 3575 246 420 5 176 8109 446116
OIL 3687 3575 246 420 5 176 8109 446116
WAT 3687 3575 246 420 5 176 8109 446116

COMPANY TOTAL 15657 11660 1000 5154 837 5 1276 8810 36456 2423588
OIL 62 73 63 104 302 176 8109 446116
WAT 3687 3575 246 420 5 176 8109 446116

APACHE CORPORATION
MARY K KNOBEL
1J3222527E GAS 1006 323 133 211 2442 1762 354 177 155 186 6749 335189
OIL

BARUCH-FOSTER CORP.
ALLEN
1J3122527E GAS LAST PROD. DATE 03/84
OIL

BEAR
1J1722527E GAS 2974 1856 279 2206 369 409 307 733 4738 13871 1226682
OIL 2974 1856 279 2206 369 409 307 733 4738 13871 1226682
WAT 12675 10029 7796 8505 7544 10047 1432 991 3359 62378 4323216

SAIK
1B1722527E GAS 3662 1950 283 1575 1785 241 146 182 727 382 937 11871 4008456
OIL 3662 1950 283 1575 1785 241 146 182 727 382 937 11871 4008456
WAT 3662 1950 283 1575 1785 241 146 182 727 382 937 11871 4008456

COMPANY TOTAL 19311 13835 562 11577 10290 8154 10602 1432 490 2451 382 9034 88120 12121738
OIL 62 73 63 104 302 176 8109 446116
WAT 3687 3575 246 420 5 176 8109 446116

BELCO DEVELOPMENT CORPORATION
DOUGLASS COM
1H 722527E GAS 30945 26656 29576 28168 30312 26802 22887 19360 24173 25501 26246 26994 317620 5544887
OIL 29 40 46 38 44 8 9 9 13 52 57 337 17106
WAT 30 31 30 32 30 31 9 45 42 38 49 367 366

JARVIS HEAD COM
IN 522527E GAS 1517 2103 3246 1798 759 4466 2175 2060 1219 2786 1003 1254 24456 3002017
OIL 149 261 245 141 53 324 257 239 75 261 300 441 2746 3866

MARTIN COM
1F2022527E GAS 1339 125 690 220 23747 1443915
OIL 1339 125 690 220 23747 1443915
WAT 9590 8049 5808 4466 6528 34441 5297149

UNION HEAD COM
1H 822527E GAS 9590 8049 5808 4466 6528 34441 5297149
OIL 9590 8049 5808 4466 6528 34441 5297149
WAT 7672 10434 802 15 16 189707 10705369

3J 522527E GAS 7672 10434 802 15 16 189707 10705369
OIL 7672 10434 802 15 16 189707 10705369
WAT 4463 2911 1996 4481 6544 9370 53150 15932557

LEASE TOTAL 4463 2911 1996 4481 6544 9370 53150 15932557
OIL 4463 2911 1996 4481 6544 9370 53150 15932557
WAT 4463 2911 1996 4481 6544 9370 53150 15932557

COMPANY TOTAL 51063 47367 40122 34669 37615 31248 25062 21420 25392 28287 27249 28348 397840 25923376
OIL 4612 3202 20272 171 85 354 288 248 120 303 339 490 12483

BLACK RIVER CORP
CERRO COM
1E1123527E GAS RECOMPLETED TO EDDY UNDES WOLFCAMP (GAS)
OIL

MILLER COM
1C1023527E GAS RECOMPLETED TO EDDY UNDES WOLFCAMP (GAS)
OIL

COMPANY TOTAL 9809 9809

BRUNSON AND MCKNIGHT
HOWARD-HEMLER COM
1L2922527E GAS PLUGGING APPROVED 1976
OIL

603676

C AND K PETROLEUM INC
CARLSBAD 3 COM
1M 722527E GAS PLUGGING APPROVED 1978
OIL

11955
25

CHEVRON U.S.A. INC.
EDDY GF STATE
1C1623527E GAS 393 949 6 1562 221 323 199 437 218 185 4828 420126
OIL 393 949 6 1562 221 323 199 437 218 185 4828 420126
WAT 1315 584 445 1702 1009 898 953 364 521 814 855 834 6216 156372

COMPANY TOTAL 1315 584 445 1702 1009 898 953 364 521 814 855 834 6216 156372
OIL 1315 584 445 1702 1009 898 953 364 521 814 855 834 6216 156372
WAT 1315 584 445 1702 1009 898 953 364 521 814 855 834 6216 156372

CITIES SERVICE COMPANY
SPENCER A
1O3022527E GAS ZONE ABANDONED
OIL

5810588
200

CITIES SERVICE OIL AND GAS CORP.
COLONIA A COM
1K1822527E GAS 467 417 111 178 3657 241 783 268 184 204 221 191 6922 2590997
OIL 467 417 111 178 3657 241 783 268 184 204 221 191 6922 2590997
WAT 467 417 111 178 3657 241 783 268 184 204 221 191 6922 2590997

JULY, 1987

STATE

ORDER NO. AG-52-4

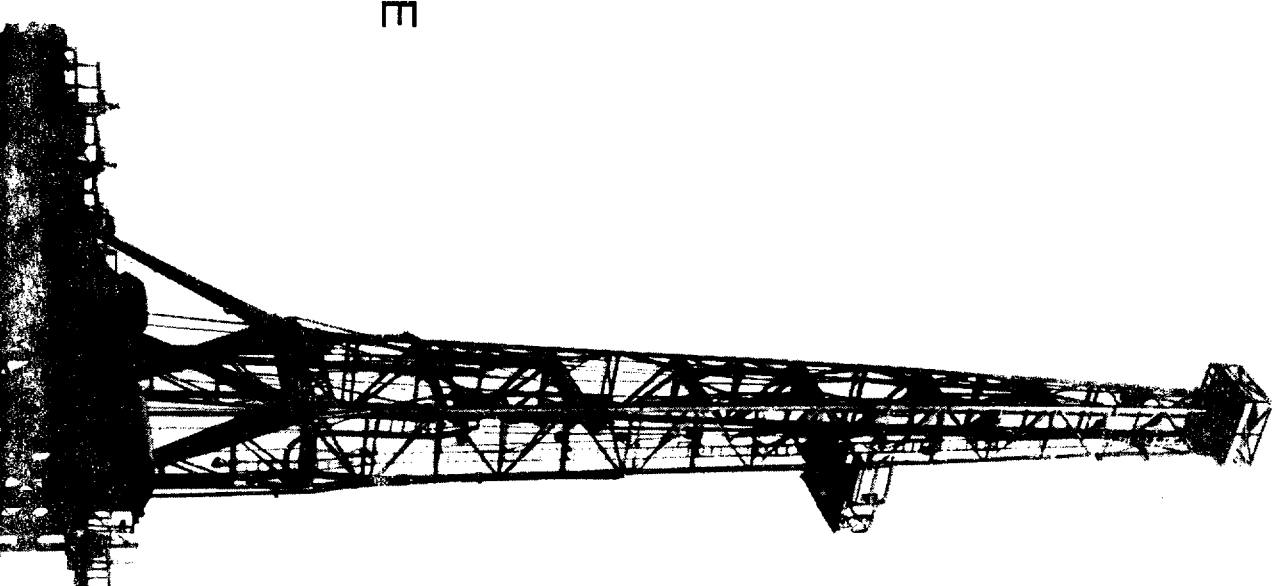
OF

NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

SOUTHEAST GAS PRORATION SCHEDULE



TRANSPORTER ABBREVIATIONS

PAGE 1

AMOCO PIPELINE CO.	ACO	ADMIRAL CRUDE OIL CORPORATION	ADM
AMOCO & EL PASO	AEP	AMERADA HESS CORPORATION	AMC
AMOCO PRODUCTION CO	AMD	ANADARKO PET. CORP.	ANA
ROBERT C. ANDERSON	AND	AZTEC OIL AND GAS	AOG
ASHLAND OIL AND REFINING COMPANY	AOR	AMERADA PETROLEUM CORPORATION	APC
ARCO PIPELINE CO	ARC	ASHLAND CHEMICAL COMPANY	ASH
ATLANTIC RICHFIELD COMPANY	ATL	AZTEC ENERGY CORP.	AZT
BASIN INC.	B I	BARBER OIL INCORPORATED	B O
PERRY R. BASS	BAS	BCO INCORPORATED	BCO
BERT FIELDS	BFD	BASIN FUELS INCORPORATED	BFI
BHP PETROLEUM CO., INC.	BHP	BENSON MONTIN GREER DRILLING CORPORATION	BMG
BROKEN HILLS PETROLEUM	BRO	BASIC SEDIMENT AND WATER	BSW
CABOT CORPORATION	C C	COLUMBUS ENERGY	C E
CHARTER CRUDE OIL	CCC	CARIBOU FOUR CORNERS OIL INCORPORATED	CFC
CITIGAS CORP.	CGC	COLUMBUS & GAS CO. OF N.M.	CGM
CITGO	CGD	CHEVRON U.S.A. INC.	CHE
COLORADO INTERSTATE GAS CO.	CIG	CINIZA PIPELINE INC.	CIN
CITIES SERVICE OIL COMPANY	CIT	CEDAR MOUNTAIN PETROLEUM CORP.	CMP
COLONY NATURAL GAS	CNG	CABOT PIPELINE	COB
CONOCO INC.	COI	COMPTON CORP	COM
CONTINENTAL OIL COMPANY	CON	COQUINA	COQ
CO2	CO2	CRW SWD INC.	CRW
CHALA CRYOGENICS	CRY	CITIES SERVICE OIL AND GAS CORP.	CSD
CONOCO, INC. SURFACE TRANSPORTATION	CST	BARBARA FASKEN	D F
DAKOTA RESOURCES, INC.	DAK	J.L. DAVIS	DAV
DELHI GAS PIPELINE CORP	DEL	DAVIS GAS CO.	DGC
DIASO OIL & GAS CO. INC.	DIA	DOME PETROLEUM CORP.	DOM
DUGAN PRODUCTION CORPORATION	DPC	DRILLING GAS	DRG
EL PASO GAS MARKETING	ELP	ENRON	ENR
ENRON OIL AND GAS CO.	EOG	ENRON OIL TRUCKING AND TRANSPORTATION CO.	EOT
EL PASO NATURAL GAS COMPANY	EPG	FAMARISS OIL AND REFINING COMPANY	FAM
FOUR CORNERS PIPELINE COMPANY	FCP	FOUR FOUR INC.	FFI
FLORIDA HYDROCARBON CO.	FLO	GULF ENERGY	G E
GIANT INDUSTRIES, INC.	G I	GAS LIFT	G L
GIANT REFINERY	G R	GANDY CORPORATION	GAN
GENERAL AMERICAN OIL CO. OF TEXAS	GAO	GARY ENERGY CORPORATION	GEC
GAS GATHERING SYSTEMS, INC.	GGG	GAVILAN JOINT VENTURE	GVJ
GULF REFINING COMPANY	GLF	GAS CO. OF NEW MEXICO	GNM
GRAVES OIL COMPANY	GOC	GRACE PETROLEUM CORP.	GPC
GENERAL PETROLEUM INCORPORATED	GPI	GETTY TRADING AND TRANSPORTATION CO.	GTT
HAMON OIL CO.	HAM	THE HARLOW CORPORATION	HAR
HADSON GAS SYSTEMS, INC.	HGS	HIXON DEVELOPMENT CO.	HIX
HNG OIL CO.	HNG	HICKS OIL & GAS CO.	HOG
HIGH PLAINS NATURAL GAS CO.	HPN	THE INDEPENDENT PIPE LINE	I-P
INTRASTATE GATHERING CORP.	IGC	INLAND CORPORATION	INL
JEM RESOURCES, INC.	JEM	JAKE L. HAMON	JLH
JAMES L. LUDWICK	JLL	J.M. PETROLEUM CORP.	JMP
JADCC PURCHASING CORP.	JPC	KOCH GATHERING SYSTEMS	KGS
KCCO OIL CO.	KOC	KOCH SERVICE INC.	KSV
LLANO INCORPORATED	L I	LIQUID ENERGY CORPORATION	LEC
LIBRA ENERGY INCORPORATED	L18	LOST OIL OR GAS	LOS
LANTERN PET. CORP.	LPC	USE ON LEASE OIL OR GAS	LSE
MINEL INC.	M I	MANCOS CORPORATION	MAN
MAPCO INC.	MAP	MARATHON OIL COMPANY	MAR
MATAOJK PIPELINES, INC.	MAT	MCDONALD OIL COMPANY	MCD
JEROME P. MCHUGH	MCH	MERRION OIL & GAS CORP.	MER
MESA PETROLEUM	MES	MCCASLAND OIL SERVICE	MHO
MOBIL PIPELINE COMPANY	MOB	MONSANTO COMPANY	MON
MERIDIAN OIL TRADING INC.	MOT	NORTHWEST PIPELINE & COLUMBUS	N C
NAVAJO PIPELINE	N P	NORTHWEST P.L. & COLUMBUS	N-C
NEW ENERGY COMPANY	NEC	NORTHERN GAS GATHERING INC.	NGI
NATURAL GAS PIPELINE COMPANY OF AMERICA	NGP	NEW MEXICO GAS MARKETING, INC.	NMG
NORTHERN NATURAL GAS COMPANY	NNG	NORTHWEST PIPELINE CORP.	NPC
NAVAJO REFINING CO. PIPELINE DIVISION	NRC	OXY CITY SERVICE	OCS
USE OFF LEASE GAS	OLG	D.T.H.G. INC.	OTH
PHILLIPS PETROLEUM COMPANY	P P	PETRO SOURCE INC.	P S
PETRO THERMO	P T	PACIFIC ATLANTIC MARKETING, INC.	PAM
POTASH COMPANY OF AMERICA	PCA	PETROLEUM CONSULTANTS INCORPORATED	PCI
PHILIPS DODGE REFINING CORP.	PDR	PELCO OIL COMPANY	PEL
PERMAN CORPORATION	PER	PETROLEUM ENERGY	PET
PIONEER PRODUCTION CORP.	PID	PLATEAU INCORPORATED	PLA
PETRO LEWIS CORPORATION	PLC	PLANT FUEL	PLT
PHILLIPS 66 NATURAL GAS CO.	PNG	PERMAN OIL CO.	POC
PCO FALCO, INC.	PDF	PRIDE PIPELINE CO	PPC
PRIDE PIPELINE AND TRANSPORTATION	PPT	PECOS VALLEY, INC.	PVI
ROSS CARBONICS	R C	GAS USED FOR REPRESSURING	REP
RAMSEY PROPERTY MANAGEMENT INC.	RPM	SOUTHERN UNION GAS COMPANY	S U
SUNSHINE ENERGY	S-E	SHELL WESTERN E & P INC.	SEP
SERH INC.	SER	SOUTHLAND GATHERING COMPANY	SGC
SUNTERRA GAS GATHERING CO.	SGG	SHELL PIPELINE CORPORATION	SHL
GAS SCHRINKAGE	SHR	SKELLY OIL COMPANY	SKY
STATELINE LTD	SLL	SCURLOCK OIL COMPANY	SDC
SPOT MARKET	SPH	SPUR PIPELINE COMPANY	SPU
SEVEN RIVERS FARM, INC.	SRF	SUN REFINING AND MARKETING COMPANY	SRM
STOLEN OIL	STL	SUNTERRA GAS GATHERING & COLUMBUS	SUC
SUNTERRA GAS GATHERING COMPANY	SUG	SUMMIT TRANSPORTATION CO.	SUM
SUN EXPLORATION & PRODUCTION CO.	SUN	SOUTHERN UNION REFINING CO	SUR
SOUTHWEST GAS CORPORATION	SWG	TESORO CRUDE OIL CO	TCO
TERNECO OIL COMPANY	TEN	TEXACO INCORPORATED	TEX
TIPPERARY CORPORATION	TIP	TEXAS NEW MEXICO PIPELINE COMPANY	TNM
TEXACO OIL, INC.	TOI	TESORO PETROLEUM CORPORATION	TPC
TEXACO PRODUCING, INC.	TPI	TIPPERARY RESOURCES CORPORATION	TRC
TEXACO TRADING & TRANSPORTATION	TTI	TUCO INC	TUC
THRIFTWAY COMPANY	TWC	TRANSWESTERN PIPELINE COMPANY	TWP
UNITED GAS PIPELINE CO.	UGC	UNKNOWN	UNK
UNION OIL CO OF CALIFORNIA	UOC	UPG FALCO	UPF
URIAH EXPLORATION INC.	URI	UNION TEXAS PETROLEUM CORP.	UTP
VANDALISM	VAN	VENTED OR UNACCOUNTED	VNT
WARREN PETROLEUM CORPORATION	WAR	WESTERN CRUDE OIL INC.	WCI
WESTERN CRUDE OIL PURCH. CO.	WCP	WESTERN GAS INTERSTATE CO	WGI
WESTERN OIL TRANSPORTATION COMPANY, INC.	WOT	WEST TEXAS GAS, INC.	WTG
SPOT MARKET NOMINATIONS	XSP	HARVEY E. YATES CO.	YAT

Order No. AG-52-4

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

ORDER NO. AG-52-4

GAS PRORATION ORDER FOR THE MONTH
OF JULY, 1987.

This cause came on for public hearing before the Division's Examiner, Michael E. Stogner, at Santa Fe, New Mexico at 8:15 a.m. on June 17, 1987, pursuant to legal notice for the purpose of setting the allowable production of gas from the following fourteen gas pools in Lea, Eddy and Chaves Counties, New Mexico, for the month of July, 1987:

Atoka-Pennsylvanian,	Buffalo Valley-
Pennsylvanian,	Burton
Flats-Strawn,	Carlsbad-Morrow,
Draw-Morrow,	Eumont,
Basin-Upper,	Pennsylvanian,
Monument McKee-Ellenburger,	and Tubb.

NOW, on this 20th day of June, 1987, the Division Director, having considered the nominations of purchasers, the capacity of producing wells, and the recommendations of the Examiner, and being otherwise fully advised in the premises,

FINDS THAT:

1) The total nomination of purchasers of gas produced from the above-listed fourteen gas pools for the month of July, 1987, is 6,532,278 Mcf. The individual pool nominations are as follows:

Atoka-Pennsylvanian	5,000 Mcf
Blinebry	332,700 Mcf
Buffalo Valley-Pennsylvanian	1,124 Mcf
Burton Flats-Morrow	137,329 Mcf
Burton Flats-Strawn	10,000 Mcf
Carlsbad-Morrow, South	375,945 Mcf
Catclaw Draw-Morrow	73,100 Mcf
Eumont	1,136,116 Mcf
Indian Basin-Morrow	86,500 Mcf
Indian Basin-Upper Pennsylvanian	3,315,200 Mcf
Jalmat	676,672 Mcf
Justis	75,735 Mcf
Monument McKee-Ellenburger	43,693 Mcf
Tubb	263,164 Mcf

2) The potential producing capacity of all gas wells in the fourteen gas pools listed above is in excess of the nominations of purchasers of gas, and in order to prevent

waste and protect correlative rights, the production of gas from the listed fourteen gas pools should be limited, allocated, and distributed during the month of July, 1987.

3) All the producing gas wells, together with the expected completed or recompleted wells in the fourteen gas pools listed above, can produce a total of 6,532,278 Mcf without causing waste during the month of July, 1987, and an allocation based upon such production would be reasonable and would protect correlative rights.

4) A representative for Doyle Hartman appeared at the hearing and recommended that the July, 1987 allowables for the Jalmat and Eumont Gas Pools located in Lea County (Southeast), New Mexico be based on production values for the years 1977 through 1981 or based on some other similar historical data.

5) At the time of the hearing Doyle Hartman's representative requested reclassification of all non-marginal wells to marginal in the Jalmat and Eumont Gas Pools.

6) This reclassification request is beyond the scope of this particular case and should therefore not be considered.

7) The Division should exercise its authority granted under Section 70-2-16 (D), NMSA 1978, in establishing allowables for July, 1987.

IT IS THEREFORE ORDERED THAT:

1) The Division shall exercise its authority granted under Section 70-2-16 (D), NMSA 1978, in establishing allowables for July, 1987.

2) For the month of July, 1987, the allowable production to be assigned the fourteen allocated gas pools in Lea, Eddy and Chaves Counties, New Mexico, is as follows:

Atoka-Pennsylvanian	5,000 Mcf
Blinebry	332,700 Mcf
Buffalo Valley-Pennsylvanian	1,124 Mcf
Burton Flats-Morrow	137,329 Mcf
Burton Flats-Strawn	10,000 Mcf
Carlsbad-Morrow, South	375,945 Mcf
Catclaw Draw-Morrow	73,100 Mcf
Eumont	1,136,116 Mcf

Indian Basin-Morrow	86,500 Mcf
Indian Basin-Upper Pennsylvanian	3,315,200 Mcf
Jalmat	676,672 Mcf
Justis	75,735 Mcf
Monument McKee-Elfenburger	43,693 Mcf
Tubb	263,164 Mcf

3) The allocation hereby set for the month of July, 1987, in the fourteen allocated pools in Lea, Eddy, and Chaves Counties, New Mexico, shall be in accordance with Division Rules, Regulations, and Orders.

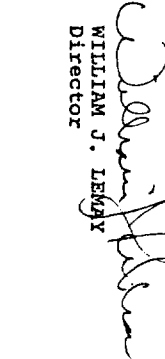
4) A proration schedule, duly prepared by the Division and thereafter adopted for the month of July, 1987, is hereto attached and made a part hereof; it distributes and allocates the allowable production among the gas wells in the fourteen gas pools listed above for the period stated, in accordance with the Division Rules, Regulations, and Orders.

5) The request of Doyle Hartman to reclassify all of the non-marginal wells to marginal in the Jalmat and Eumont Gas Pools located in Lea County (Southeast), New Mexico is hereby dismissed.

The foregoing order shall remain effective until further order of the Division.

DONE at Santa Fe, New Mexico on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEWY
Director

S E A L

SOUTHEAST PRORATION SCHEDULE
EXPLANATION OF SYMBOLS

STATUS COLUMN

- M MARGINAL - denotes a proration unit which is incapable of producing an allowable based on pool allocation factors. Marginal units receive allowable equal to the amount shown produced on the latest available monthly records. Marginal units do not accrue an over or under production status.
- N NON-MARGINAL - denotes a proration unit receiving an allowable based upon pool allocation factors. Non-Marginal - denotes a proration unit accrue over or under production.
- AM or ALLOWABLE CANCELLED ON MARGINAL OR NON-MARGINAL PRORATION UNIT - denotes AN proration unit to be shut-in by the pipeline and/or operator until released in writing by the Division.
- NC NEW CONNECTION - denotes a proration unit producing prior to receipt of deliverability test and assignment of allowable.
- (MWU) MULTIPLE WELL UNIT - denotes a well on a proration unit which contains more than one well.

AF (Acreage Factor) COLUMN

The number in this column is the ratio of the subject proration unit to the area of a standard proration unit for the pool.

PRODUCTION COLUMN

- R RECLASSIFIED - denotes a proration unit which has been reclassified "N" to "M" or "M" to "N", and the new classification is being shown for the first time.

AMT CANCEL (Amount cancelled) COLUMN

Volume in this column in the amount of the allowable which has been cancelled due to reclassification or failure of the well to produce its allowable.

O/U COLUMN

- A MINUS SIGN (-) - signifies that the preceding volume is accrued overproduction and no sign signifies that the preceding volume is accrued underproduction.
- * OVER-PRODUCED VIOLATION - signifies that the following volume is accrued overproduction in excess of the effective overproduction limit for the proration unit. Units in violation are to be shut-in by the pipeline and/or operator until cumulative overproduction is less than the applicable limit.

CURTAIL AFTER COLUMN

Volume in this column instructs the pipeline and/or operator to shut-in the subject proration unit for the length of time which would be required to produce this volume.

ALLOCATION COLUMN

- M MINIMUM ALLOWABLE - signifies that the proration unit has received the minimum allowable of 250 MCF because the allowable based on the pool allocation factors would be less than 250 MCF.

NOTE: Some wells listed in the schedule may have been shut-in separate from this schedule by other Division action of which the operator and transporter have been notified in writing. In no event shall such a well be produced until released by the Division in writing to the operator and the transporter.

POOL BALANCING SCHEDULE FOR JULY 1987 SOUTHEAST GAS PROPORTION SCHEDULE

ATONA PENN (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 5000
 NON-MARGINAL PRODUCTION 23970
 JULY NON-MARGINAL ADJUSTMENT FACTOR 0.998
 NON-MARGINAL ADJUSTMENT FACTOR 22953
 MARGINAL ALLOCATION FACTOR F1 6.42
 MARGINAL ALLOCATION FACTOR F1 22954
 TOTAL JULY MARGINAL ALLOC 3573.39
 TOTAL JULY MARGINAL ALLOC 35572

ELINEURY (PRO GAS) (CONSERVED)
 JULY TOTAL PRODUCTION 332700
 NON-MARGINAL PRODUCTION 101546
 JULY NON-MARGINAL ADJUSTMENT FACTOR 1.071
 NON-MARGINAL ADJUSTMENT FACTOR 108755
 MARGINAL ALLOCATION FACTOR F1 27.25
 MARGINAL ALLOCATION FACTOR F1 108756
 TOTAL JULY MARGINAL ALLOC 391.05
 TOTAL JULY MARGINAL ALLOC 129423

BUFILE VALLEY (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 13137
 NON-MARGINAL PRODUCTION 131010
 JULY NON-MARGINAL ADJUSTMENT FACTOR 0.91
 NON-MARGINAL ADJUSTMENT FACTOR 138850
 MARGINAL ALLOCATION FACTOR F1 17334.50
 MARGINAL ALLOCATION FACTOR F1 138850
 TOTAL JULY MARGINAL ALLOC 17334.50
 TOTAL JULY MARGINAL ALLOC 156761

EURION FLAT (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 193229
 NON-MARGINAL PRODUCTION 136429
 JULY NON-MARGINAL ADJUSTMENT FACTOR 0.925
 NON-MARGINAL ADJUSTMENT FACTOR 144696
 MARGINAL ALLOCATION FACTOR F1 26.88
 MARGINAL ALLOCATION FACTOR F1 144697
 TOTAL JULY MARGINAL ALLOC 5383.07
 TOTAL JULY MARGINAL ALLOC 127771

SURION FLAT (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 30900
 NON-MARGINAL PRODUCTION 7379
 JULY NON-MARGINAL ADJUSTMENT FACTOR 0.747
 NON-MARGINAL ADJUSTMENT FACTOR 11967
 MARGINAL ALLOCATION FACTOR F1 0.00
 MARGINAL ALLOCATION FACTOR F1 11967
 TOTAL JULY MARGINAL ALLOC 0.00
 TOTAL JULY MARGINAL ALLOC 474

PORTON FLAT (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 604500
 NON-MARGINAL PRODUCTION 13.00
 JULY NON-MARGINAL ADJUSTMENT FACTOR 0.00
 NON-MARGINAL ADJUSTMENT FACTOR 604500
 MARGINAL ALLOCATION FACTOR F1 46500.00
 MARGINAL ALLOCATION FACTOR F1 604500
 TOTAL JULY MARGINAL ALLOC 46500.00
 TOTAL JULY MARGINAL ALLOC 604500

CARDU SHAW (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 376665
 NON-MARGINAL PRODUCTION 232431
 JULY NON-MARGINAL ADJUSTMENT FACTOR 0.967
 NON-MARGINAL ADJUSTMENT FACTOR 225727
 MARGINAL ALLOCATION FACTOR F1 13.00
 MARGINAL ALLOCATION FACTOR F1 225728
 TOTAL JULY MARGINAL ALLOC 17663.69
 TOTAL JULY MARGINAL ALLOC 301422

CATLAN DR. (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 72100
 NON-MARGINAL PRODUCTION 14349
 JULY NON-MARGINAL ADJUSTMENT FACTOR 1.095
 NON-MARGINAL ADJUSTMENT FACTOR 15102
 MARGINAL ALLOCATION FACTOR F1 3.02
 MARGINAL ALLOCATION FACTOR F1 15102
 TOTAL JULY MARGINAL ALLOC 5199.34
 TOTAL JULY MARGINAL ALLOC 13228

ELIAN FUS (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 45105
 NON-MARGINAL PRODUCTION 0.97
 JULY NON-MARGINAL ADJUSTMENT FACTOR 0.97
 NON-MARGINAL ADJUSTMENT FACTOR 45105
 MARGINAL ALLOCATION FACTOR F1 46500.00
 MARGINAL ALLOCATION FACTOR F1 45105
 TOTAL JULY MARGINAL ALLOC 46500.00
 TOTAL JULY MARGINAL ALLOC 45105

EURONT YAT (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 138418
 NON-MARGINAL PRODUCTION 395515
 JULY NON-MARGINAL ADJUSTMENT FACTOR 1.137
 NON-MARGINAL ADJUSTMENT FACTOR 449723
 MARGINAL ALLOCATION FACTOR F1 256.87
 MARGINAL ALLOCATION FACTOR F1 449723
 TOTAL JULY MARGINAL ALLOC 1764.32
 TOTAL JULY MARGINAL ALLOC 505276

POOL BALANCING SCHEDULE FOR JULY 1987 SOUTHEAST GAS PROPORTION SCHEDULE

GRAMA RIDGE (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 77500
 NON-MARGINAL PRODUCTION 1403
 JULY NON-MARGINAL ADJUSTMENT FACTOR 1.003
 NON-MARGINAL ADJUSTMENT FACTOR 77500
 MARGINAL ALLOCATION FACTOR F1 17500.00
 MARGINAL ALLOCATION FACTOR F1 77500
 TOTAL JULY MARGINAL ALLOC 17500.00
 TOTAL JULY MARGINAL ALLOC 77500

INDIAN BASIN (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 84800
 NON-MARGINAL PRODUCTION 1070
 JULY NON-MARGINAL ADJUSTMENT FACTOR 1.070
 NON-MARGINAL ADJUSTMENT FACTOR 3000.70
 MARGINAL ALLOCATION FACTOR F1 1.08
 MARGINAL ALLOCATION FACTOR F1 3000.70
 TOTAL JULY MARGINAL ALLOC 3000.70
 TOTAL JULY MARGINAL ALLOC 1150

INDIAN BASIN (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 290700
 NON-MARGINAL PRODUCTION 221013
 JULY NON-MARGINAL ADJUSTMENT FACTOR 0.857
 NON-MARGINAL ADJUSTMENT FACTOR 174002
 MARGINAL ALLOCATION FACTOR F1 70.20
 MARGINAL ALLOCATION FACTOR F1 174002
 TOTAL JULY MARGINAL ALLOC 57964.60
 TOTAL JULY MARGINAL ALLOC 109411

JALMAT TANSILL (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 576672
 NON-MARGINAL PRODUCTION 75906
 JULY NON-MARGINAL ADJUSTMENT FACTOR 0.970
 NON-MARGINAL ADJUSTMENT FACTOR 70736
 MARGINAL ALLOCATION FACTOR F1 123.95
 MARGINAL ALLOCATION FACTOR F1 70736
 TOTAL JULY MARGINAL ALLOC 4603.90
 TOTAL JULY MARGINAL ALLOC 73437

JUSTIS GORETTA (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 75735
 NON-MARGINAL PRODUCTION 813
 JULY NON-MARGINAL ADJUSTMENT FACTOR 0.957
 NON-MARGINAL ADJUSTMENT FACTOR 70736
 MARGINAL ALLOCATION FACTOR F1 12.00
 MARGINAL ALLOCATION FACTOR F1 70736
 TOTAL JULY MARGINAL ALLOC 72.00
 TOTAL JULY MARGINAL ALLOC 1

MONUMENT (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 41992
 NON-MARGINAL PRODUCTION 1037
 JULY NON-MARGINAL ADJUSTMENT FACTOR 1.037
 NON-MARGINAL ADJUSTMENT FACTOR 1037
 MARGINAL ALLOCATION FACTOR F1 2.00
 MARGINAL ALLOCATION FACTOR F1 1037
 TOTAL JULY MARGINAL ALLOC 1037.00
 TOTAL JULY MARGINAL ALLOC 7000

PARKWAY ATOKA WEST (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 186000
 NON-MARGINAL PRODUCTION 3.00
 JULY NON-MARGINAL ADJUSTMENT FACTOR 3.00
 NON-MARGINAL ADJUSTMENT FACTOR 17500
 MARGINAL ALLOCATION FACTOR F1 62000.00
 MARGINAL ALLOCATION FACTOR F1 17500
 TOTAL JULY MARGINAL ALLOC 62000.00
 TOTAL JULY MARGINAL ALLOC 17500

TURBO (PROPORTIONED GAS)
 JULY TOTAL PRODUCTION 20100
 NON-MARGINAL PRODUCTION 9847
 JULY NON-MARGINAL ADJUSTMENT FACTOR 1.009
 NON-MARGINAL ADJUSTMENT FACTOR 7107
 MARGINAL ALLOCATION FACTOR F1 51.32
 MARGINAL ALLOCATION FACTOR F1 7107
 TOTAL JULY MARGINAL ALLOC 1397.00
 TOTAL JULY MARGINAL ALLOC 7037

100 PERCENT ACREAGE ALLOCATION

ATOKA PENN. (PROD. GAS)	5000	4922	2.00	.00	2	
GAS CO. OF NEW MEXICO	5000					
PHILLIPS PETROLEUM COMPANY	4134		3575	.00	1.00	1
TRANSWESTERN PIPELINE COMPANY	23960	11612	22407	13570	19377	19.47
POOL TOTAL	5000	37530	13570	23960	16534	26541
BLINERY (PROD. GAS) (CONSOLIDATED)	5739	47627	311	27938	10.75	7.00
EL PASO NATURAL GAS COMPANY	24304					
EL PASO NATURAL GAS COMPANY	11154	24515	311			
EL PASO NATURAL GAS AND TEXACO	68					
NORTHERN NATURAL GAS AND TEXACO	68					
NORTHERN NATURAL GAS & WARREN PETROLEUM CO	6004	3625	5929	3625	14666	2.50
NORTHERN NATURAL GAS AND SHELL PIPELINE	612					
SHELL PIPELINE CORPORATION	11873					
TEXACO PRODUCING, INC.	14700	27900				
WARREN PETROLEUM CORPORATION	13642					
POOL TOTAL	332700	121211	19665	76671	185440	19665
BUFFALO VALLEY PENN. (PROD. GAS)	1124	46137	15083	31054	15029	42420
EL PASO NATURAL GAS COMPANY	1124					
PHILLIPS PETROLEUM COMPANY	62753		85052		69513	15.11
TRANSWESTERN PIPELINE COMPANY	106421	1386	42420	1178	34670	4.50
POOL TOTAL	1124	153736	16261	137475	169092	16261
BURTON FLAT MORROW (PROD. GAS)	12800	30				
BHP PETROLEUM CO. INC.	602		30			
CABOT PIPELINE	3115	3072	43			
CITIES SERVICE OIL COMPANY	23439	12395	3372	18912	3389	10766
EL PASO AND GAS CO. OF NEW MEXICO	7407					
EL PASO NAT. GAS AND NAT. GAS PIPELINE OF AM	1338					
EL PASO NATURAL GAS COMPANY	6142	38935	4614	140706	6142	80099
EL PASO NATURAL GAS AND LLANO	11131					
GAS CO. OF NEW MEXICO	2235	5661	4974	9456	2235	5383
LLANO INCORPORATED	371					
NATURAL GAS PIPELINE COMPANY OF AMERICA	1162					
PHILLIPS PETROLEUM COMPANY	18912					
TRANSWESTERN PIPELINE COMPANY	279					
POOL TOTAL	103329	179200	22771	58706	24725	254178

JULY 1987 SOUTHEAST GAS PRORATION FACTOR SUMMARY

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JULY	MAY	MAY	PROD.	JUNE	INTERIM	JULY	NEW	ALLOCATION			
NOMINATED	TOTAL	MARGINAL	NON	MARGINAL	NON	MARGINAL	NON	ACREAGE FACTOR	NO. WELLS	ACREAGE	
	PROD		MARGINAL		MARGINAL		MARG	NON-MARG	M	NM	NM
BURTON FLAT STRAWN (PRORATED GAS)											
GAS CO. OF NEW MEXICO	10000	7379		941				1.00	.00	1	
TRANSWESTERN PIPELINE COMPANY	474	474		6421		474		2.00	.00	2	
HARVEY E. YATES CO.								1.00	.00	1	
POOL TOTAL	10000	7853	474	7362		474		4.00	.00	4	
BURTON FLATS WOLF CAMP, NC. (PRO GAS)											
CITIES SERVICE OIL COMPANY	55756		55756		450000		465000	.00	10.00	10	
EL PASO NATURAL GAS COMPANY	12		12		45000		46500	.00	1.00	1	
PHILLIPS PETROLEUM COMPANY					90000		93000	.00	2.00	2	
POOL TOTAL	604500	55768	55768		585000		604500	.00	13.00	13	
CARLSBAD MORROW, SQ. (PRORATED GAS)											
EL PASO NATURAL GAS COMPANY	5045	27603	5147	22456	4302	35740	5147	34728	21.00	2.00	21 2
EL PASO NATURAL GAS AND LLANO	13256	13256			22419		13256		5.97	.00	6
HAMON OIL CO.	9362		9362			53610		52092	.00	3.00	3
LLANO INCORPORATED	369600	146676	15541	94313	15100	89350	15541	86820	12.00	5.00	12 5
NATURAL GAS PIPELINE COMPANY OF AMERICA	2115		2115		2666		2115		3.00	.00	3
TRANSWESTERN PIPELINE COMPANY	108109	39631	68478	43336	53610	39631	52092	15.59	3.00	16 3	
POOL TOTAL	374645	309121	75690	194609	87823	232310	75690	225732	57.56	13.00	58 13
CATCLAW DRAW MORROW (PRORATED GAS)											
GAS CO. OF NEW MEXICO	14000	9369	3954	5415	6103	3716	3954	5303	3.85	1.02	4 1
LLANO INCORPORATED	54100				793	3643		5199	3.99	1.00	4 1
LLANO INC AND GAS CO OF N. M.	17188	9304	7884			3643	9304	10398	2.00	1.00	2 1
SUN TERRA GAS GATHERING COMPANY	5000	1041							.00	.00	
POOL TOTAL	73100	27598	13258	13299	6896	11002	13258	20900	9.84	3.02	10 3
ELKIN FUSSELMAN, SOUTH (GAS)											
MAPCO INC.					43650		45105	.00	.97	1	
POOL TOTAL	45105				43650		45105	.00	.97	1	
EUMONT YATES 7 RVRS QN (PRO GAS)											
EL PASO NATURAL GAS COMPANY	675366	169075	14531	154544	27778	170898	14531	150265	91.73	84.90	72 77
EL PASO NATURAL GAS AND NORTHERN NATURAL	517		517			8052		7058	.00	4.00	1
EL PASO NATURAL GAS AND WARREN PIPELINE SYS	4854		4854			2013		1765	.00	1.00	1
GAS CO. OF NEW MEXICO						2013		1765	.00	1.00	1
NORTHERN NATURAL GAS COMPANY	423950	255003	33587	221171	48850	315466	33587	281858	73.43	156.72	52 123
PHILLIPS PETROLEUM COMPANY				1285		9560		8382	2.75	4.75	4 6
TEXACO PRODUCING, INC.	6800	14204	14204			4025		3529	.23	2.00	1 3
WARREN PETROLEUM CORPORATION	30000	1654	1654	1561		1006		1654	6.50	.50	5 1
POOL TOTAL	1136116	445307	49772	395290	79474	513033	49772	455504	174.64	254.87	134 213
GRAMA RIDGE WOLF CAMP (GAS)											
LLANO INCORPORATED					75000		77500	.00	1.00	1	
POOL TOTAL	77500				75000		77500	.00	1.00	1	

[illegible]

Company	Product	Quantity	Price	Value	Company	Product	Quantity	Price	Value
INDIAN BASIN WORKS (PRORATED GAS)		259	2.50	647.50	BARBARA FASKEN		259	35.00	9115.00
					GAS CO. OF NEW MEXICO		5000	5.00	25000.00
					MARATHON OIL COMPANY		3050	3.00	9150.00
					MARATHON AND GAS CO. OF N.M.		25	25.00	625.00
					POOL TOTAL				12627.00
INDIAN BASIN UPPER PENN. (PRO GAS)		284	6.50	1846.00					
AMCO PRODUCTION CO		12667	1.00	12667.00					
GAS CO. OF NEW MEXICO		319384	1.00	319384.00					
MARATHON OIL COMPANY		43123	1.00	43123.00					
MARATHON OIL COMPANY		173333	1.00	173333.00					
MARATHON AND GAS CO. OF N.M.		5321	1.90	10110.00					
POOL TOTAL				214161.00					
JALMAY TRANSILLYT 7 RVR (PRG GAS)		99208	14.85	1468500.00					
EL PASO NATURAL GAS COMPANY		49642	132.90	6584000.00					
EL PASO NATURAL GAS AND MARATHON OIL		12600	6.00	75600.00					
EL PASO NATURAL GAS AND WARREN PIPELINE SYS		12600	6.00	75600.00					
NORTHERN NATURAL GAS COMPANY		24937	1.98	49375.00					
PHILLIPS PETROLEUM COMPANY		88627	12.75	1128750.00					
TEXACO INCORPORATED		1.00	1.00	1.00					
TEXACO PRODUCING, INC.		11739	4.00	47056.00					
POOL TOTAL				11739.00					
JUSTIS GLORIEA (PRORATED GAS)		802707	73.39	59000000.00					
EL PASO NATURAL GAS COMPANY		8991	75.75	679100.00					
POOL TOTAL				8991.00					
MONUMENT MCKEE ELLEN (PRORATED GAS)		11	18.00	198.00					
EL PASO NATURAL GAS COMPANY		11	18.00	198.00					
POOL TOTAL				11.00					
CHEVRON U.S.A. & EL PASO NATURAL		2516	1.00	2516.00					
GULF REFINING COMPANY		10188	1.00	10188.00					
NORTHERN NATURAL GAS COMPANY		5240	1.00	5240.00					
NORTHERN NATURAL GAS COMPANY		9397	1.00	9397.00					
TRANSMOISTERN PIPELINE COMPANY		17461	1.00	17461.00					
WARREN PETROLEUM CORPORATION		18000	1.00	18000.00					
POOL TOTAL				18000.00					
TURB (PRORATED GAS)		186000	1.00	186000.00					
EL PASO NATURAL GAS COMPANY		15182	23.49	3565000.00					
NORTHERN NATURAL GAS COMPANY		49203	21.88	1072000.00					
NORTHERN NATURAL GAS & WARREN PETROLEUM CO		540	1.00	540.00					

JULY 1987 SOUTHEAST GAS PRODUCTION FACTOR SUMMARY

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JULY	MAY	MAY	PROD.	JUNE	INTERIM	JULY	NEW	ALLOCATION			
NOMINATED	TOTAL	MARGINAL	NON	MARGINAL	NON	MARGINAL	ACREAGE	FACTOR	NO.	WELLS	ACREAGE
	PROD		MARGINAL		MARGINAL		MARG	NON-MARG	M	NM	NM
TEXACO PRODUCING, INC.											
43000	5209		5209		7526	5938	.50	4.25	2	5	
WARREN PETROLEUM CORPORATION											
1450	1621		1621		885	699	.00	.50		1	
POCL TOTAL											
263164	71397	6750	56450	16367	90884	6750	73095	46.87	51.32	53	57

JULY	1967 SOUTHEAST GAS PROMOTION SCHEDULE	PAGE 1	JULY	1967 SOUTHEAST GAS PROMOTION SCHEDULE	PAGE 2
DESCRIPTION	STAT AF	MAY PROD	DESCRIPTION	STAT AF	MAY PROD
ATOKA PENN. (PRORATED GAS)			ATOKA PENN. (PRORATED GAS)		
DIANE WOLF TATEM			DIANE WOLF TATEM		
JERRY NELSON COM			JERRY NELSON COM		
1C1418S26E M 1.00	769		1C1418S26E M 1.00	769	
YATES PETROLEUM CORPORATION			YATES PETROLEUM CORPORATION		
DA 1G2118S26E M 1.00			DA 1G2118S26E M 1.00		
HA VEE E. YATES CO.			HA VEE E. YATES CO.		
DA 1F1618S26E M 1.00			DA 1F1618S26E M 1.00		
PIPELINE TOTAL	19.89	37530	PIPELINE TOTAL	19.89	37530
PO-L TOTAL	22.89	37530	PO-L TOTAL	22.89	37530
BL NEBRY (PRO GAS) (CONSOLIDATED)			BL NEBRY (PRO GAS) (CONSOLIDATED)		
EL PASO NATURAL GAS COMPANY			EL PASO NATURAL GAS COMPANY		
AR O OIL & GAS COMPANY			AR O OIL & GAS COMPANY		
OL 26222337E1M1UJ	4114		OL 26222337E1M1UJ	4114	
4P2322337E1M1UJ	4203		4P2322337E1M1UJ	4203	
P. U. SUMMARY N 1.00	8317		P. U. SUMMARY N 1.00	8317	
J. R. CONE			J. R. CONE		
EU ANK			EU ANK		
2L1421337E1M1UJ	4391		2L1421337E1M1UJ	4391	
3K1421337E1M1UJ	10037		3K1421337E1M1UJ	10037	
P. U. SUMMARY N .50	14428		P. U. SUMMARY N .50	14428	
CO-OCO, INC.			CO-OCO, INC.		
EL 10111337E1M1UJ			EL 10111337E1M1UJ		
6P15222337E1M1UJ			6P15222337E1M1UJ		
HA K B I AC 1			HA K B I AC 1		
LF 921337E M .25			LF 921337E M .25		
LC KHART A 27			LC KHART A 27		
5A2721337E N .75			5A2721337E N .75		
MAKREN UNIT BLINBRY			MAKREN UNIT BLINBRY		
35K2820338E M 1.00			35K2820338E M 1.00		
EX-ON CORPORATION			EX-ON CORPORATION		
J 1116222337E M 1.00			J 1116222337E M 1.00		
F 1116222337E M 1.00			F 1116222337E M 1.00		
4B321337E1M1UJ	83		4B321337E1M1UJ	83	
4B321337E1M1UJ	34		4B321337E1M1UJ	34	
P. U. SUMMARY N 1.00	117		P. U. SUMMARY N 1.00	117	
7P2721337E1M1UJ			7P2721337E1M1UJ		
815721337E1M1UJ			815721337E1M1UJ		
NE4 MEXICO V STATE			NE4 MEXICO V STATE		
11K1021337E M .25			11K1021337E M .25		
JOHN H HENDRIX CORP			JOHN H HENDRIX CORP		
BYD			BYD		
Y 2H23222337E N 1.00	523		Y 2H23222337E N 1.00	523	
DRINKARD			DRINKARD		
11K1021337E M .50			11K1021337E M .50		
SIM 1F25222337E M 1.00	73		SIM 1F25222337E M 1.00	73	
SUN 1F25222337E M 1.00			SUN 1F25222337E M 1.00		
2P13222337E M .50			2P13222337E M .50		
MORANCO			MORANCO		
E 1E1521337E M .25			E 1E1521337E M .25		
PHILLIPS PETROLEUM COMPANY			PHILLIPS PETROLEUM COMPANY		
2E24222337E M .75			2E24222337E M .75		
SAMEDAN OIL CORPORATION			SAMEDAN OIL CORPORATION		
5014222337E N 1.00			5014222337E N 1.00		
SHELL WESTERN E & P INC.			SHELL WESTERN E & P INC.		
1P 313326E M 1.00			1P 313326E M 1.00		

JULY 1987 SOUTHEAST GAS PRODUCTION SCHEDULE				PAGE 3
BLINEBRY (PRO GAS) (CONSOLIDATED)				
DESCRIPTION	STAT	AF	PROG	
THOMAS LONG	STAT	AF	PROG	
5N1122537E	M	1.00		
SARKEY	N	.50		
3J2221537E	N	.75		
TURNER	N	.75		
3J2221537E	N	.75		
SUMMIT ENERGY INC				
DRINKARD ESTATE	M	1.00		
4H222537E	M	1.00		
SUN OIL COMPANY				
LYNCH CRUISER	M	1.00		
4L 122537E	N	1.00		
PIPELINE TOTAL		17.75		
EL PASO NATURAL GAS AND TEXACO				
CONOCO, INC				
LOCKHART A 35	M	.50		
1U3521537E	M	.25		
11L2121537E	M	.25		
EXXON CORPORATION				
13L 922537E	M	1.00		
NEW MEXICO	M	.75		
12A 222537E	M	1.00		
14C 222537E	N	1.00		
23P 222537E	N	1.00		
JOHN H HENDRIX CORP				
6L1422537E	M	1.00		
SHELL WESTERN E & P INC.				
13N2221537E	N	.75		
PIPELINE TOTAL		7.25		
EL PASO NATURAL GAS AND WARREN PIPELINE SYS				
MARATHON OIL COMPANY				
J L MUNCY	M	.75		
2K2422537E	M	.50		
3N2422537E	M	.75		
PIPELINE TOTAL		1.25		
EL PASO, WARREN AND SHELL PIPELINES				
CONOCO, INC.				
WARREN UNIT	M	1.00		
8J2820538E	M	1.00		
PIPELINE TOTAL		1.00		
NORTHERN NATURAL GAS COMPANY				
AMERADA DIV. AMERADA HESS CORP.				
MOOD				
10H222537E	M	1.00		
382222537E	M	1.00		
P. U. SUMMARY	M	1.00		
AMERADA HESS CORPORATION				
A BARKER	N	.50		
4B7102537E	N	.50		
M CORRIGAN BLINERY	M	1.00		
9C 4222537E	M	1.00		
STATE DA	M	1.00		
4L1621537E	M	1.00		

JULY 1987 SOUTHEAST GAS PRODUCTION SCHEDULE				PAGE 4
BLINEBRY (PRO GAS) (CONSOLIDATED)				
DESCRIPTION	STAT	AF	PROG	
E M WALDEN				
2K1522537E	M	1.00		
7N1522537E	M	1.00		
P. U. SUMMARY	M	1.00		
AMOCO PRODUCTION CO				
SOUTHERN GAS	M	.50		
5J 421537E	M	.50		
ARCO OIL & GAS COMPANY				
J R CONE	M	.50		
1M2521537E	N	.50		
CHEVRON U.S.A. INC				
ROLLO BRUNSON	N	.50		
4G1022537E	N	.75		
J N CARSON	N	.75		
R E GOLF	N	.75		
EUN 622537E	NC	.88		
24E3821537E	NC	.58		
P. U. SUMMARY	N	.25		
GUTMAN	N	.25		
1N1922538E	M	.25		
ALICE PADDOCK	M	.50		
10 122537E	M	.50		
SCARBOROUGH ESTATE	M	.50		
2H3122538E	M	.50		
CITIES SERVICE COMPANY				
BRUNSON	N	.50		
2M 322537E	M	.50		
P. U. SUMMARY	N	1.00		
OMEN	M	.50		
203521537E	M	.50		
STATE P COM	M	.75		
1F3222538E	M	.75		
JOHN H HENDRIX CORP				
BRUNSON	N	.50		
7P 322537E	M	.50		
P. U. SUMMARY	N	1.00		
COSSATO	M	.50		
181222537E	M	.50		
ELL 10112537E	NC	.50		
1E1012537E	NC	.50		
E M WALDEN	M	1.00		
3C1522537E	M	1.00		
MARATHON OIL COMPANY				
MARK OMEN	M	1.00		
2M3521537E	M	.25		
L G MARLICK	M	.25		
201521537E	M	.25		
LOU MORTMAN	N	1.00		
12H1122537E	N	1.00		
MOBIL PRODUCING TEXAS AND NEW MEXICO				
BRUNSON	N	.50		
1B 9222537E	M	.50		
18 9222537E	M	.50		
6E1022537E	M	.50		
13A 9222537E	M	.50		
CARSON	M	.49		
E D 202537E	M	.49		
14C3521537E	M	1.00		
19L2821537E	N	.75		
CORRIGAN GAS COM	M	.75		
7P3321537E	M	.75		
S. E. LONG	M	1.00		
501122537E	M	1.00		
3J1122537E	M	1.00		
P. U. SUMMARY	N	1.00		
MARSHALL	N	1.00		
303421537E	NC	.37		
STEPHENS ESTATE	M	.50		
242421537E	M	.50		
D A WILKINSON	M	.25		
1A2321537E	M	.25		
PETRO LEWIS CORP				

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1987 SOUTHEAST GAS PROMOTION SCHEDULE										PAGE 1	
JULY	1987 SOUTHEAST GAS PROMOTION SCHEDULE	GNH	MAY		JUL		AUG		SEPT		
BURTON FLAT MORROW (PROBATED GAS)	DESCRIPTION STAT AF MAY PROD	GNH	ALLOC DELIV	ALLOC DELIV	ALLOC DELIV	ALLOC DELIV	ALLOC DELIV	ALLOC DELIV	ALLOC DELIV	ALLOC DELIV	
PERI-EUM RESERVE CORP.	STAT -21 COM	*****	320	5383	93903	320	5383	93903	320	5383	
STAT -21 COM	1-2120S28E M 1-00	*****	320	5383	57915	320	5383	57915	320	5383	
PIPELINE TOTAL	4-86 7896	34823	320	5383	34404	320	5383	34404	320	5383	
LLANC INCORPORATED	STAT -21 COM	*****	320	5383	73003	320	5383	73003	320	5383	
STAT -21 COM	1-2120S28E M 1-00	*****	320	5383	126863	320	5383	126863	320	5383	
PIPELINE TOTAL	4-86 7896	34823	320	5383	73003	320	5383	73003	320	5383	
LLANC INCORPORATED	STAT -21 COM	*****	320	5383	126863	320	5383	126863	320	5383	
STAT -21 COM	1-2120S28E M 1-00	*****	320	5383	126863	320	5383	126863	320	5383	
PIPELINE TOTAL	4-86 7896	34823	320	5383	126863	320	5383	126863	320	5383	
LLANC INCORPORATED	STAT -21 COM	*****	320	5383	126863	320	5383	126863	320	5383	
STAT -21 COM	1-2120S28E M 1-00	*****	320	5383	126863	320	5383	126863	320	5383	
PIPELINE TOTAL	4-86 7896	34823	320	5383	126863	320	5383	126863	320	5383	
LLANC INCORPORATED	STAT -21 COM	*****	320	5383	126863	320	5383	126863	320	5383	
STAT -21 COM	1-2120S28E M 1-00	*****	320	5383	126863	320	5383	126863	320	5383	
PIPELINE TOTAL	4-86 7896	34823	320	5383	126863	320	5383	126863	320	5383	
LLANC INCORPORATED	STAT -21 COM	*****	320	5383	126863	320	5383	126863	320	5383	
STAT -21 COM	1-2120S28E M 1-00	*****	320	5383	126863	320	5383	126863	320	5383	
PIPELINE TOTAL	4-86 7896	34823	320	5383	126863	320	5383	126863	320	5383	
LLANC INCORPORATED	STAT -21 COM	*****	320	5383	126863	320	5383	126863	320	5383	
STAT -21 COM	1-2120S28E M 1-00	*****	320	5383	126863	320	5383	126863	320	5383	
PIPELINE TOTAL	4-86 7896	34823	320	5383	126863	320	5383	126863	320	5383	
LLANC INCORPORATED	STAT -21 COM	*****	320	5383	126863	320	5383	126863	320	5383	
STAT -21 COM	1-2120S28E M 1-00	*****	320	5383	126863	320	5383	126863	320	5383	
PIPELINE TOTAL	4-86 7896	34823	320	5383	126863	320	5383	126863	320	5383	
LLANC INCORPORATED	STAT -21 COM	*****	320	5383	126863	320	5383	126863	320	5383	
STAT -21 COM	1-2120S28E M 1-00	*****	320	5383	126863	320	5383	126863	320	5383	
PIPELINE TOTAL	4-86 7896	34823	320	5383	126863	320	5383	126863	320	5383	
LLANC INCORPORATED	STAT -21 COM	*****	320	5383	126863	320	5383	126863	320	5383	
STAT -21 COM	1-2120S28E M 1-00	*****	320	5383	126863	320	5383	126863	320	5383	
PIPELINE TOTAL	4-86 7896	34823	320	5383	126863	320	5383	126863	320	5383	
LLANC INCORPORATED	STAT -21 COM	*****	320	5383	126863	320	5383	126863	320	5383	
STAT -21 COM	1-2120S28E M 1										

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JULY 1987 SOUTHEAST GAS PRODUCTION SCHEDULE

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JULY 1987 SOUTHEAST GAS PRODUCTION SCHEDULE

PAGE 15

DESCRIPTION	STAT	AF	PROD	IMP	JUL	ACRE-	JUL	ACRE-
	US			070	ALLOD	DELIV		
IF1922527E	M	.98	5676		5676	314		
STRACKEIN A	M	1.00	209		209	320		
TRACY B CDM	M	1.00	79		79	320		
ENSTAR PETROLEUM CO. A DIV. OF ENSTAR CORP.	M	1.00	25		25	320		
CARLSBAD 12 CDM	M	1.00	25		25	320		
CARLSBAD 13 CDM	M	1.05	1842		1842	337		
GRACE ENERGY COMPANY	M	1.00	2023		2023	320		
GRACE 12 CDM	M	1.00	2023		2023	320		
HUMBLE GRACE CDM	M	.61	133828-		133828-	320		
CORINE GRACE	M	1.00	34159		34159	320		
CITY OF CARLSBAD CDM	M	1.00	773		773	317		
MOBIL PRODUCING TEXAS AND NEW MEXICO	M	1.00	773		773	317		
STEPHENS 2 CDM	M	1.00	773		773	317		
PENNZOIL COMPANY	M	1.00	13860		13860	320		
GOULD 12 CDM	M	1.00	11508		11508	320		
GOULD 12 CDM	M	.99	8936		8936	315		
MOBIL 12 CDM	M	1.00	20459		20459	320		
TXO PRODUCTION CORPORATION	M	1.00	47		47	320		
CITY OF CARLSBAD CDM	M	1.00	47		47	320		
PIPELINE TOTAL		18.59	108109		91723	5947		
POOL TOTAL		70.56	309121		2915431	301422		
CATCLAW DRAM MORROW (PRORATED GAS)						22566		
GAS CO. OF NEW MEXICO								
CHEVRON U.S.A. INC.	M	1.00	1487		1487	640		
INEXCO 17 FEDERAL CDM	M	1.00	1487		1487	640		
BARBARA FASKEN	M	.84	771		771	267		
AVALLON FEDERAL CDM	M	.84	771		771	267		
HONDO OIL AND GAS COMPANY	M	1.00	5415		5415	650		
PURE FEDERAL CDM	M	1.00	1696		1696	650		
TEXACO INCORPORATED	M	.99	632		632	632		
E. J. LEVY FEDERAL NCT-1	M	.99	632		632	632		
PIPELINE TOTAL		4.87	9369		85627	9257		
POOL TOTAL						2639		
LLANO INCORPORATED								
QUINOCO PETROLEUM, INC.	M	1.00	9304		9304	640		
CATCLAW DRAM MORROW (PRORATED GAS)	M	1.00	1041		1041	640		
PIPELINE TOTAL		3.00	17188		30236	19702		
POOL TOTAL		12.86	27598		328431	34158		
ELKIN FUSSELMAN, SCUTH (GAS)						7955		
MAPCO INC.	M	.97	619830		619830	45105		
ENERGY EXPLORATION, INC.	M	.97	619830		619830	45105		
PIPELINE TOTAL		.97	619830		619830	308		
POOL TOTAL		.97	619830		619830	45105		
EUMONT YATES 7 RVS ON (PRC GAS)						308		
EL PASO NATURAL GAS COMPANY								
ALPHA TWENTY-ONE PRODUCTION CO.	M	.50	2471		2471	882		
JOHN IN 619537E	M	1.00	1495		1495	160		
ONE ID 919537E	M	.50	1900		1900	882		
STATE AC 519537E	M	1.04	529		529	160		
AMERADA HESS CORPORATION	M	1.00	55407		55407	1765		
STATE MEA 4F1221335E	M	1.00	120		120	160		
STATE WEB 6C 121335E	M	.75	160		160	160		
STATE WEP 4K 121335E	M	1.00	160		160	160		
AMOCO PRODUCTION CO	M	1.00	1765		1765	160		
STATE 1 CDM	M	1.00	160		160	160		
2C2221535E	M	1.00	160		160	160		

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EUMONT YATES 7 RVRs ON (PRC GAS)
 DESCRIPTION STAT AF MAY JUL ACRE-
 US PROD D/U DELIV

CHEVRON U.S.A. INC
 10 820337E N 1.00 166 7246 1765 160

481720337E N 1.00 159 12630- 2647 240

781720337E N 1.00 185 7584- 7058 640

P. U. SUMMARY N 1.00 38 26

ARNOLD RAMSAY NCT C COM 1.50 26 36

13E2141336E N 4.00 26 36

ARNOLD RAMSAY NCT D 4.00 26 36

13E3321336E NCT 2.00 26 36

P. U. SUMMARY N 2.00 26 36

BELL RAMSAY NCT A 1.00 2273 3643- 1333 120

BELL RAMSAY NCT B 1.00 1646 1765 160

BELL RAMSAY NCT C 1.00 1319 1765 160

BELL RAMSAY NCT C COM 1.00 288 288 160

BELL RAMSAY NCT C COM 3.00 855 855 480

R. BELLE NCT A COM 1.30 1983 10431 2647 240

R. BELLE NCT B COM 1.00 4094 1765 320

R. BELLE NCT C COM 1.00 882 882 320

R. BELLE NCT C COM 1.00 2204 1765 160

R. BELLE NCT H 1.25 1757 2206 200

CAMPBELL HOUSTON GAS COM 2.25 11410 3423 150

P. U. SUMMARY N 1.94 4591 3529 320

H. C. COLT NCT A COM 2.00 432 2879 477

B. V. CULP NCT B 2.98 2879 1765 160

P. U. SUMMARY N 1.00 130 200

EUNICE COM 1.92 1119 3529 320

EVANS STATE 1.19 853 1972 1765 160

P. U. SUMMARY N 2.00 1927 1765 160

GRANHAM STATE NCT C COM 1.00 78 78

GRANHAM STATE NCT C COM 1.00 19000 36561- 3529 320

P. U. SUMMARY N 1.00 47 75 76

38221336E NCT 3.00 148 1062 4862

12P221336E NCT 3.00 148 1062 4862

HARRY L. SUMMARY NCT C 3.00 148 1062 4862

633021336E NCT 3.00 148 1062 4862

833021336E NCT 3.00 148 1062 4862

P. U. SUMMARY N 2.00 6075 2054 376 720

FRED LUTHER COM 2.00 6075 2054 376 720

H. T. MATTER NCT A 1.00 2054 376 720

H. T. MATTER NCT B 2.00 376 720 365

H. T. MATTER NCT C 2.43 720 365

H. T. MATTER NCT D 2.43 720 365

H. T. MATTER NCT E 2.43 720 365

H. T. MATTER NCT F 2.43 720 365

H. T. MATTER NCT G 2.43 720 365

H. T. MATTER NCT H 2.43 720 365

H. T. MATTER NCT I 2.43 720 365

H. T. MATTER NCT J 2.43 720 365

H. T. MATTER NCT K 2.43 720 365

H. T. MATTER NCT L 2.43 720 365

H. T. MATTER NCT M 2.43 720 365

H. T. MATTER NCT N 2.43 720 365

H. T. MATTER NCT O 2.43 720 365

H. T. MATTER NCT P 2.43 720 365

H. T. MATTER NCT Q 2.43 720 365

H. T. MATTER NCT R 2.43 720 365

H. T. MATTER NCT S 2.43 720 365

H. T. MATTER NCT T 2.43 720 365

H. T. MATTER NCT U 2.43 720 365

45239 1765 160

64710- 5294 480

38686 3529 320

2536- 1765 160

97226 5294 480

5836 1765 160

12305 2611 236

2684 1765 160

49997- 7058 640

48305 5294 480

5949 3529 320

19288 1765 160

283497 1765 160

4022 2781 320

13670- 3529 320

2023 1765 160

264 623 320

259 200

623 200

10171- 1765 160

312 160

217 155

175- 1765 160

2849 1765 160

534 1729 156

8127- 1765 160

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JULY 1987 SOUTHEAST GAS PRODUCTION SCHEDULE										JULY 1987 SOUTHEAST GAS PRODUCTION SCHEDULE																			
JALMAT TANSILL VT 7 RVRs (PRO GAS)					EPG					PAGE 35					JALMAT TANSILL VT 7 RVRs (PRO GAS)					EPG					PAGE 36				
DESCRIPTION	STAT	AF	MAY	JUL	AGRE-	DELIV	DESCRIPTION	STAT	AF	MAY	JUL	AGRE-	DELIV	DESCRIPTION	STAT	AF	MAY	JUL	AGRE-	DELIV	DESCRIPTION	STAT	AF	MAY	JUL	AGRE-	DELIV		
COOPER B	1243337E(MMU)	1.00	1320	1636	160	160	OLSON-DLINERY	12423337E(MMU)	1.00	17506	17506	4604	160	COOPER B	1243337E(MMU)	1.00	1320	1636	160	160	OLSON-DLINERY	12423337E(MMU)	1.00	17506	17506	4604	160		
COOPER B	1243337E(MMU)	1.00	1636				P. U. SUMMARY	1.00	17506					COOPER B	1243337E(MMU)	1.00	1636				P. U. SUMMARY	1.00	17506						
COOPER B	1243337E(MMU)	1.00	1179	1179	320	320	PHILLIP	1243337E(MMU)	1.00	1355	1355	2302	160	COOPER B	1243337E(MMU)	1.00	1179	1179	320	320	PHILLIP	1243337E(MMU)	1.00	1355	1355	2302	160		
COOPER B	1243337E(MMU)	1.00	243	243	160	160	H. S. SUMMARY	1.00	5725	5725	11236-	4604	160	COOPER B	1243337E(MMU)	1.00	243	243	160	160	H. S. SUMMARY	1.00	5725	5725	11236-	4604	160		
COOPER B	1243337E(MMU)	1.00	3237	3237	160	160	P. U. SUMMARY	1.00	5925	5925	69219	4604	160	COOPER B	1243337E(MMU)	1.00	3237	3237	160	160	P. U. SUMMARY	1.00	5925	5925	69219	4604	160		
COOPER B	1243337E(MMU)	1.00	8847	8847	80	80	SAMUDAN HUGHES STATE	1.00	5657	5657	405	405	405	COOPER B	1243337E(MMU)	1.00	8847	8847	80	80	SAMUDAN HUGHES STATE	1.00	5657	5657	405	405	405		
COOPER B	1243337E(MMU)	1.00	1347-	1347-	160	160	SAMUDAN HUGHES STATE	1.00	405	405				COOPER B	1243337E(MMU)	1.00	1347-	1347-	160	160	SAMUDAN HUGHES STATE	1.00	405	405					
COOPER B	1243337E(MMU)	1.00	3338	3338	160	160	SAMUDAN HUGHES STATE	1.00	9249	9249	4182-	4604	160	COOPER B	1243337E(MMU)	1.00	3338	3338	160	160	SAMUDAN HUGHES STATE	1.00	9249	9249	4182-	4604	160		
COOPER B	1243337E(MMU)	1.00	11043	11043	40	40	SAMUDAN HUGHES STATE	1.00	3771	3771	61576	4604	160	COOPER B	1243337E(MMU)	1.00	11043	11043	40	40	SAMUDAN HUGHES STATE	1.00	3771	3771	61576	4604	160		
COOPER B	1243337E(MMU)	1.00	3194	3194	160	160	SAMUDAN HUGHES STATE	1.00	4182-	4182-				COOPER B	1243337E(MMU)	1.00	3194	3194	160	160	SAMUDAN HUGHES STATE	1.00	4182-	4182-					
COOPER B	1243337E(MMU)	1.00	15532	15532	40	40	SAMUDAN HUGHES STATE	1.00	61576	61576	5755	5755	2302	COOPER B	1243337E(MMU)	1.00	15532	15532	40	40	SAMUDAN HUGHES STATE	1.00	61576	61576	5755	5755	2302		
COOPER B	1243337E(MMU)	1.00	8747	8747	120	120	SAMUDAN HUGHES STATE	1.00	7128	7128	4604	4604	160	COOPER B	1243337E(MMU)	1.00	8747	8747	120	120	SAMUDAN HUGHES STATE	1.00	7128	7128	4604	4604	160		
COOPER B	1243337E(MMU)	1.00	600	600	160	160	SAMUDAN HUGHES STATE	1.00	108866	108866	5755	5755	2302	COOPER B	1243337E(MMU)	1.00	600	600	160	160	SAMUDAN HUGHES STATE	1.00	108866	108866	5755	5755	2302		
COOPER B	1243337E(MMU)	1.00	4919	4919	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	4919	4919	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	15437	15437	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	15437	15437	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	8044	8044	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	8044	8044	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	525	525	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	525	525	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	10742	10742	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	10742	10742	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	8017	8017	120	120	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	8017	8017	120	120	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	5332	5332	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	5332	5332	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	1231	1231	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	1231	1231	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	7891	7891	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	7891	7891	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	9122	9122	120	120	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	9122	9122	120	120	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	8334	8334	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	8334	8334	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	6886	6886	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	6886	6886	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	1694	1694	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	1694	1694	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	3159	3159	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	3159	3159	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	1178	1178	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	1178	1178	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	176	176	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	176	176	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	598	598	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	598	598	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	12142	12142	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	12142	12142	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	42	42	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	42	42	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	7102	7102	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	7102	7102	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	3280	3280	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	3280	3280	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	4088	4088	120	120	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	4088	4088	120	120	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	1641	1641	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	1641	1641	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	280	280	320	320	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	280	280	320	320	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	21738	21738	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	21738	21738	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	35826	35826	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	35826	35826	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	9094	9094	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	9094	9094	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	2393-	2393-	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	2393-	2393-	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	2188	2188	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	2188	2188	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	14695-	14695-	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	14695-	14695-	80	80	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	52705	52705	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	52705	52705	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	1237	1237	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	1237	1237	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		
COOPER B	1243337E(MMU)	1.00	3052	3052	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160	COOPER B	1243337E(MMU)	1.00	3052	3052	160	160	SAMUDAN HUGHES STATE	1.00	4604	4604	160	160	160		

[illegible]

[illegible]

JULY	1987 SOUTHEAST GAS PRODUCTION SCHEDULE	PAGE 43	JUL ALLOC DELIV	MAY O/U	NGG
TUBB (PRORATED GAS)	DESCRIPTION STAT AF	MAY PROD			
	362721S37E (MMU)	44			
	P. U. SUMMARY N 1.00	70	160		
	LOU WORTHAN	1397	160	8094	
	P. U. SUMMARY M 1.00	80			
	PIPELINE TOTAL	1397	160		
	TEXACO PRODUCING, INC.				
	SHELL WESTERN E & P INC.				
	40 422S37E N .75	1397	160	6643	
	TAYLOR GLENN	685	79	2928	
	TURNER				
	10K2221S37E N 1.00	1048	120	53468	
	SUN EXPLORATION & PRODUCTION CO.				
	2M2121S37E N .50	1397	160	60088	
	SUN OIL COMPANY				
	STATE LAND 15	1397	160	69488	
	4P1621S37E N 1.00	1397	160	960-	
	TEXACO INCORPORATED				
	1T 321S37E M .25	1397	160	7790	
	S J SARKIS				
	1E2621S37E (MMU)				
	4F2021S37E (MMU)				
	P. U. SUMMARY N 1.00	391	45	26543	
	PIPELINE TOTAL	1397	160	15464	
	WARREN PETROLEUM CORPORATION				
	APCO OIL & GAS COMPANY				
	1M2021S37E N .50	1397	160	3139	
	PIPELINE TOTAL	1397	160	1522	
	POOL TOTAL	1397	160	6886	
	TEXACO INCORPORATED				
	1T 321S37E N 1.50	2086	240	12145	
	A HALLIBURY FEDERAL NCT 1	1397	160	58024	
	10 522S37E N 1.00				
	A HALLIBURY FEDERAL NCT 1 BATTERY	1118	128	62380	
	A HALLIBURY FEDERAL NCT 1				
	A HALLIBURY FEDERAL NCT 1	1397	160	15464-	
	A HALLIBURY FEDERAL NCT 3				
	A HALLIBURY FEDERAL NCT 4	1397	160	38033	
	A HALLIBURY FEDERAL NCT 4				
	P. U. SUMMARY N 1.00	1397	160	7793	
	PIPELINE TOTAL				
	UNION TEXAS PETROLEUM CORPORATION				
	10 522S37E M 1.13				
	THE OIL CO				
	10 422S37E N .25	349	40	13528	
	PIPELINE TOTAL	61131	9672	1534035	
	NORTHERN NATURAL GAS & WARREN PETROLEUM CO				

JULY	1987 SOUTHEAST GAS PRODUCTION SCHEDULE	PAGE 44	JUL ALLOC DELIV	MAY O/U	NGG
TUBB (PRORATED GAS)	DESCRIPTION STAT AF	MAY PROD			
	362721S37E (MMU)	44			
	P. U. SUMMARY N 1.00	70	160		
	LOU WORTHAN	1397	160	8094	
	P. U. SUMMARY M 1.00	80			
	PIPELINE TOTAL	1397	160		
	TEXACO PRODUCING, INC.				
	SHELL WESTERN E & P INC.				
	40 422S37E N .75	1397	160	6643	
	TAYLOR GLENN	685	79	2928	
	TURNER				
	10K2221S37E N 1.00	1048	120	53468	
	SUN EXPLORATION & PRODUCTION CO.				
	2M2121S37E N .50	1397	160	60088	
	SUN OIL COMPANY				
	STATE LAND 15	1397	160	69488	
	4P1621S37E N 1.00	1397	160	960-	
	TEXACO INCORPORATED				
	1T 321S37E M .25	1397	160	7790	
	S J SARKIS				
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	4F2021S37E (MMU)				
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	1M2021S37E N .50	1397	160	3139	
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	A HALLIBURY FEDERAL NCT 1 BATTERY	1118	128	62380	
	A HALLIBURY FEDERAL NCT 1				
	A HALLIBURY FEDERAL NCT 1	1397	160	15464-	
	A HALLIBURY FEDERAL NCT 3				
	A HALLIBURY FEDERAL NCT 4	1397	160	38033	
	A HALLIBURY FEDERAL NCT 4				
	P. U. SUMMARY N 1.00	1397	160	7793	
	PIPELINE TOTAL				
	UNION TEXAS PETROLEUM CORPORATION				
	10 522S37E M 1.13				
	THE OIL CO				
	10 422S37E N .25	349	40	13528	
	PIPELINE TOTAL	61131	9672	1534035	
	NORTHERN NATURAL GAS & WARREN PETROLEUM CO				

OVER PRODUCTION HAS EXCEEDED 3 TIMES AVERAGE ALLOWABLE PRODUCTION MUST BE CURTAILED UNTIL MADE UP BY UNDERAGE.

45432- 31465 320

APPLICATION FOR CLASSIFICATION AS HARDSHIP GAS WELL

Operator BARUCH-FOSTER CORPORATION Contact Party J. F. ELLEBRACHT
1160 ONE ENERGY SQUARE
Address Dallas, Texas 75206 Phone No. (214) 368-5886
Lease Little Jewel Com. Well No. 1 UT F Sec. 31 TWP 22S 27E RGE
Pool Name S. Carlsbad MORROW/STRAWN Minimum Rate Requested 350 MCFPD
Transporter Name El Paso Natural Gas Company Purchaser (if different) Same
Are you seeking emergency "hardship" classification for this well? X yes no

Applicant must provide the following information to support his contention that the subject well qualifies as a hardship gas well.

- 1) Provide a statement of the problem that leads the applicant to believe that "underground waste" will occur if the subject well is shut-in or is curtailed below its ability to produce. (The definition of underground waste is shown on the reverse side of this form) When these partially depleted low pressure reservoirs are shut in, allowing water to set in well bore, the clay in the sand swells restricting permeability causing a loss of production
- 2) Document that you as applicant have done all you reasonably and economically can do to eliminate or prevent the problem(s) leading to this application.
 - a) Well history. Explain fully all attempts made to rectify the problem. If no attempts have been made, explain reasons for failure to do so.
Formation Damage to partially depleted reservoir sand cannot be removed
 - b) Mechanical condition of the well (provide wellbore sketch). Explain fully mechanical attempts to rectify the problem, including but not limited to:
ATTACHED
i) the use of "smallbore" tubing; ii) other de-watering devices, such as plunger lift, rod pumping units, etc. It is not a mechanical problem, it is formation damage that occurs when a low pressure reservoir is shut in allowing water to set in well.
- 3) Present historical data which demonstrates conditions that can lead to waste. Such data should include:
 - a) Permanent loss of productivity after shut-in periods (i.e., formation damage).
Production declined from 655 MCFPD to 350 MCF due to formation damage
 - b) Frequency of swabbing required after the well is shut-in or curtailed.
Swabbing is ineffective in removing water due to small volume.
 - c) Length of time swabbing is required to return well to production after being shut-in.
In December, 1986, used soap sticks to restore well to production as swabbing had been
 - d) Actual cost figures showing inability to continue operations without special relief unsuccessful.
Well may not produce again if it has to be shut in.
- 4) If failure to obtain a hardship gas well classification would result in premature abandonment, calculate the quantity of gas reserves which would be lost
736 MMCF
- 5) Show the minimum sustainable producing rate of the subject well. This rate can be determined by: 350 MCFPD
 - a) Minimum flow or "log off" test; and/or
 - b) Documentation of well production history (producing rates and pressures, as well as gas/water ratio, both before and after shut-in periods due to the well dying, and other appropriate production data).
- 6) ATTACHED TABLE I
Attach a plat and/or map showing the proration unit dedicated to the well and the ownership of all offsetting acreage.
- 7) ATTACHED
Submit any other appropriate data which will support the need for a hardship classification.
- 8) If the well is in a prorated pool, please show its current under- or over-produced status. N/A
- 9) Attach a signed statement certifying that all information submitted with this application is true and correct to the best of your knowledge; that one copy of the application has been submitted to the appropriate Division district office (give the name) and that notice of the application has been given to the transporter/purchaser and all offset operators.

GENERAL INFORMATION APPLICABLE TO HARDSHIP GAS WELL CLASSIFICATION

1) Definition of Underground Waste.

"Underground Waste as those words are generally understood in the oil and gas business, and in any event to embrace the inefficient, excessive, or improper use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing, of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool, and the use of inefficient underground storage of natural gas."

2) The only acceptable basis for obtaining a "hardship" classification is prevention of waste with the burden of proof solely on the applicant. The applicant must not only prove waste will occur without the "hardship" classification, but also that he has acted in a responsible and prudent manner to minimize or eliminate the problem prior to requesting this special consideration. If the subject well is classified as a "hardship" well, it will be permitted to produce at a specified minimum sustainable rate without being subject to shut-in by the purchaser due to low demand. The Division can rescind approval at any time without notice and require the operator to show cause why the classification should not be permanently rescinded if abuse of this special classification becomes apparent.

3) The minimum rate will be the minimum sustainable rate at which the well will flow. If data from historical production is insufficient to support this rate (in the opinion of the Director), or if an offset operator or purchaser objects to the requested rate, a minimum flow ("log off") test may be required. The operator may, if he desires, conduct the minimum flow test, and submit this information with his application.

4) If a minimum flow test is to be run, either at the operator's option or at the request of the Division, the offset operators, any protesting party, the purchaser and OCD will be notified of the date of the test and given the opportunity to witness, if they so desire.

5) Any interested party may review the data submitted at either the Santa Fe office or the appropriate OCD District Office.

6) The Director can approve uncontested applications administratively if, in his opinion, sufficient justification is furnished. Notice shall be given of intent to approve by attaching such notice to the regular examiner's hearing docket. Within 20 days following the date of such hearing, the affected parties will be permitted to file an objection. If no objection has been filed, the application may be approved.

7) Should a protest be filed in writing, the applicant will be permitted to either withdraw the application, or request it to be set for hearing.

8) An emergency approval, on a temporary basis for a period not to exceed 90 days, may be granted by the District Supervisor, pending filing of formal application and final action of the OCD Director. This temporary approval may be granted only if the District Supervisor is convinced waste will occur without immediate relief. If granted, the District Supervisor will notify the purchaser.

9) After a well receives a "hardship" classification, it will be retained for a period of one year unless rescinded sooner by the Division. The applicant will be required to certify annually that conditions have not changed substantially in order to continue to retain this classification.

10) Nothing here withstanding, the Division may, on its own motion, require any and all operators to show cause why approval(s) should not be rescinded if abuse is suspected or market conditions substantially change in the State of New Mexico.

11) A well classified as a "hardship well" will continue to accumulate over and under production (prorated pools). Should allowables exceed the hardship allowable assigned, the well will be permitted to produce at the higher rate, if capable of doing so, and would be treated as any other non-hardship well. Any cumulative overproduction accrued either before or after being classified "hardship" must, however, be balanced before the well can be allowed to produce at the higher rate.

TABLE I
 PRODUCTION DATA
 LITTLE JEWEL COM. NO. 1
 UNIT F, SEC. 31, T-22-S, R-27-E,
EDDY COUNTY, NEW MEXICO

<u>1986</u> <u>MONTH</u>	<u>GAS PRODUCTION</u> <u>MCF</u>	<u>DAYS PRODUCED</u>	<u>RATE - MCFPD</u>
January	25,406	31	820
February	13,028	17	766
March	-0-	0	0
April	17,624	30	587
May	12,555	23	546
June	18,599	29	641
July	17,711	27	655
August	-0-	0	0
September	984	2	92
October	886	2	443
November	-0-	0	0
December	8,403	24	350

Production is into a compressor at 100 PSI, water volumes are very small. In December, when the well was put in production after having been shut-in most of the previous four months, it would not flow. Soap sticks were dropped into the well. The well was vented to pit to dry out well bore to restore some of the permeability to allow the gas to flow. The rate was only about 50 percent of what it was before being shut-in. It is almost a certain fact that if the well is shut-in again it will not come back. This will result in the loss of the remaining gas reserves, and would be a permanent loss of these natural resources.

LITTLE JEWEL COM # 1-U
CARLSBAD, S.
EDDY CO., NEW MEXICO
BARUCH-FOSTER CORPORATION

DATE: 02/09/87
TIME: 05:06.15
FILE: BFDD
GET#: 46

RESERVES AND ECONOMICS

AS OF JANUARY 1, 1987

-END- MO-YR	---GROSS PRODUCTION---		---NET PRODUCTION---		---PRICES---		-----OPERATIONS, M\$-----			CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	10.00 PCT CUM. DISC BTAX, M\$
	OIL, MMBL	GAS, MMCF	OIL, MMBL	GAS, MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADV+ MF TAXES	NET OPER EXPENSES			
12-87	.000	22.800	.000	7.254	.00	1.30	9.430	1.009	8.345	.000	.076	.072
12-88	.000	86.897	.000	27.647	.00	1.30	35.941	3.845	8.345	.000	23.751	20.647
12-89	.000	70.956	.000	22.575	.00	1.30	29.348	3.140	8.345	.000	17.863	34.748
12-90	.000	57.939	.000	18.434	.00	1.30	23.964	2.564	8.345	.000	13.055	44.103
12-91	.000	47.310	.000	15.052	.00	1.30	19.568	2.094	8.345	.000	9.129	50.050
12-92	.000	38.630	.000	12.291	.00	1.30	15.978	1.710	8.345	.000	5.923	53.558
12-93	.000	31.544	.000	10.036	.00	1.30	13.047	1.396	8.345	.000	3.306	55.338
12-94	.000	25.757	.000	8.195	.00	1.30	10.654	1.140	8.345	.000	1.169	55.910
12-95	.000	3.171	.000	1.009	.00	1.30	1.312	.141	1.155	.000	.016	55.917
12-96												
12-97												
12-98												
12-99												
12- 0												
12- 1												
S TOT	.000	385.004	.000	122.493	.00	1.30	159.242	17.039	67.915	.000	74.288	55.917
REN.	.000	.000	.000	.000	.00	.00	.000	.000	.000	.000	.000	55.917
TOTAL	.000	385.004	.000	122.493	.00	1.30	159.242	17.039	67.915	.000	74.288	55.917
CUM.	.000	5014.996										
ULT.	.000	5400.000										
							NET OIL REVENUES (M\$)	.000		-----PRESENT WORTH PROFILE-----		
							NET GAS REVENUES (M\$)	159.242	DISC	PW OF NET	DISC	PW OF NET
							TOTAL REVENUES (M\$)	159.242	RATE	BTAX, M\$	RATE	BTAX, M\$
BTAX RATE OF RETURN (PCT)		100.00	PROJECT LIFE (YEARS)					8.138	.0	74.288	30.0	35.643
BTAX PAYOUT YEARS		.00	DISCOUNT RATE (PCT)					10.000	2.0	69.904	35.0	32.428
BTAX PAYOUT YEARS (DISC)		.00	GROSS OIL WELLS					.000	5.0	64.060	40.0	29.671
BTAX NET INCOME/INVEST		.00	GROSS GAS WELLS					1.000	8.0	58.964	45.0	27.284
BTAX NET INCOME/INVEST (DISC)		.00	GROSS WELLS					1.000	10.0	55.917	50.0	25.205
									12.0	53.121	60.0	21.769
INITIAL W.I. FRACTION		.453020	INITIAL NET OIL FRACTION					.000000	15.0	49.331	70.0	19.059
FINAL W.I. FRACTION		.453020	FINAL NET OIL FRACTION					.000000	18.0	45.963	80.0	16.878
PRODUCTION START DATE		1- 1-87	INITIAL NET GAS FRACTION					.318160	20.0	43.922	90.0	15.094
MONTHS IN FIRST LINE		12.00	FINAL NET GAS FRACTION					.318160	25.0	39.427	100.0	13.609

EXHIBIT VII

 * OIL AND GAS LEASE ECONOMIC ANALYSIS *
 * * * BEFORE FEDERAL INCOME TAX * * *

Baruch Foster
 Hardship Case

Little Jewel No. 1
 South Carlsbad Morrow
 Eddy, NM
 Baruch Foster

AS OF January 1, 1987

YEAR	---GROSS PRODUCTION---		---NET PRODUCTION---		OIL	GAS	NET OPER	SEV+ADV	NET OPER	TOTAL	CASH FLOW	DISC CASH
END	OIL, MMBL	GAS, MMCF	OIL, MMBL	GAS, MMCF	\$/B	\$/M	REVENUE	+WPT TAX	EXPENSE	INVT(M\$)	M\$	FLOW@ 10%
INITIAL INVESTMENT										0.000	0.000	0.000
2 87	0.000	110.82	0.000	77.57	0.00	1.30	100.84	15.126	42.000	0.000	43.716	39.741
2 88	0.000	95.30	0.000	66.71	0.00	1.30	86.72	13.009	44.520	0.000	29.195	24.128
2 89	0.000	81.96	0.000	57.37	0.00	1.30	74.58	11.187	47.191	0.000	16.204	12.174
2 90	0.000	70.48	0.000	49.34	0.00	1.36	67.35	10.102	50.023	0.000	7.223	4.934
2 91	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 92	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 93	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 94	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 95	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 96	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 97	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 98	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 99	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 100	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 101	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 102	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 103	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 104	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 105	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
2 106	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.000
UBTOTL	0.000	358.56	0.000	250.99			329.50	49.425	183.734	0.000	96.338	80.978
FTER	0.000	0.00	0.000	0.00			0.00	0.000	0.000	0.000	0.000	0.000
TOTAL	0.000	358.56	0.000	250.99	0.00	1.31	329.50	49.425	183.734	0.000	96.338	80.978

INITIAL WORKING INTEREST 100.000000 %
 INITIAL NET GAS INTEREST 70.000000 %
 INITIAL NET OIL INTEREST 0.000000 %

INITIAL WORKING INTEREST 100.000000 %
 INITIAL NET GAS INTEREST 70.000000 %
 INITIAL NET OIL INTEREST 0.000000 %

NET PRESENT VALUE AT 10 % 80.978 M\$
 15 % 74.874 M\$
 20 % 69.565 M\$
 25 % 64.913 M\$
 30 % 60.807 M\$

TOTAL GAS REVENUE 329.497 M\$
 TOTAL OIL REVENUE 0.000 M\$

FILE NAME: BFDD (46)

DATA REPORT

DATE: 02/09/87

TIME: 05:06:15

CASE NAME: LITTLE JEWEL COM # 1-U

CMD NAME: BFCC.CMD(410)

101 LITTLE JEWEL COM # 1-U

102 CARLSBAD, S.

103 EDDY CO., NEW MEXICO

104 BARUCH-FOSTER CORPORATION

117 CASE #COM

* 120 1 87 12 1 1 87 10 1

	W.I. FRACTION	OP. COST (\$/W/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)				
210	.45302000	.00	1535.00	5.000	GAS	1/ 1/87				
	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH			
222	GAS	5014.996	.31816000	1.300	6.000	1.0				
	PH. NAME	CURVE TP	DECLINEZ	QI RATE	QT RATE	CUM. LIMIT	(M OR Y)	CALC VALUE		
409	GAS	FLAT	X	1900.000	1900.000	1.000	JYRS	M		
CALC	GAS	FLAT	END= .000	1900.000	1900.000	1.000	YRS	M	5037.796	MMCF
410	GAS	EXP	X	8000.000	EL	5.400	PCF	M		
CALC	GAS	EXP	END= 18.345	8000.000	1882.718	8.138	YRS	M	5400.000	MMCF

Baruch Foster
Hardship Case

Little Jewel No. 1
South Carlsbad Morrow
Eddy, NM
Baruch Foster

AS OF January 1, 1987

LIFE	YR END	FIRST YR	MONTHS	IN YR ONE	DSCNT	WORKING INT
20	12	87		12	2	100.000000

PRIMARY	%	%	%	%
10	15	20	25	30

TANGIBLE INVST	INTANGIBLE INVST	SALVAGE VALUE
0.00	0.00	0.00

GAS	PRICE	PROD.	TAX	NI
1	2	3	15.0	70.000000

OIL	PRICE	PROD.	TAX	NI
0	0	0	0.0	0.000000

TYPE OPEX	TYPE OPEX	ESCALATION	ECONOMIC LIMIT
2	2		1

REVRSN	RISKED RESULTS	WINDFALL CATEGORY
0	0	0

OPEX ESCALATION 6 %
MONTHLY OPERATING EXP 3.5 M\$

GAS PRICE 1.300 ESCALATION 5 % MAXIMUM 5.000 FLAT FOR 3 YRS

INITIAL GAS RATE 10000 MCF/MONTH
DECLINE RATE YEAR TO BEGIN
14 % 0

EARLY GAS PRODUCTION - MMCF

110.8153	95.30117	81.959	70.48473	60.61688	52.13052	44.83225	38.55573
33.15793	28.51582	24.52361	21.0903	18.13766	15.59839	13.41462	11.53657
9.921449	8.532447	7.337905	6.310598				

YEAR END DISCOUNTING

DATE: 02/09/87

TIME: 05:06:15

CASE NAME: LITTLE JEWEL COM # 1-L

CMD NAME: BFCC,CMD(410)

101 LITTLE JEWEL COM # 1-L

102 CARLSBAD, S.

103 EDDY CO., NEW MEXICO

104 BARUCH-FOSTER CORPORATION

117 CASE \$COM

* 120 1 87 12 1 1 87 10 1

	W.I. FRACTION	OP. COST (\$/M/MO)	OP. COST (\$/MO.)	ADV. TAX (PCT)	MAJOR PH. NAME	PROD DATE (MO/DY/YR)
210	.45302000	.00	1535.00	5.000	GAS	1/ 1/87

	PHASE NAME	CUM PROD (MUNITS)	REV. INT FRACTION	PRICE (\$/UNIT)	SEV. TAX (PCT)	NO. OF WELLS	RATIO TO MAJOR PH
	-----	-----	-----	-----	-----	-----	-----
222	GAS	4348.489	.31816000	1.300	6.000	1.0	

	PH. NAME	CURVE TP	DECLINE%	Q1 RATE	Q1 RATE	CUM. LIMIT		(M OR Y)	CALC VALUE	
409	GAS	FLAT	X	1900.000	1900.000	1.000	IYRS	M		
CALC	GAS	FLAT	END= .000	1900.000	1900.000	1.000	YRS	M	4371.289	MNCF
410	GAS	EXP	X	8000.000	EL	4.700	RCF	M		
CALC	GAS	EXP	END= 20.014	8000.000	1882.718	7.478	YRS	M	4700.000	MNCF

DATE: 02/09/87
TIME: 05:06.15
FILE: BFDD
GET#: 45

100 90 80 70 60 50 40 30 20 10 0

AS OF JANUARY 1, 1987

-END-	---GROSS PRODUCTION---		---NET PRODUCTION---		--PRICES--		-----OPERATIONS, M\$-----				10.00 PCT	
MO-YR	OIL, MBBL	GAS, MMCF	OIL, MBBL	GAS, MMCF	OIL \$/B	GAS \$/M	NET OPER REVENUES	SEV+ADVT+ MF TAXES	NET OPER EXPENSES	CAPITAL COSTS, M\$	CASH FLOW BTAX, M\$	CUM. DISC BTAX, M\$
12-87	.000	22.800	.000	7.254	.00	1.30	9.430	1.009	8.345	.000	.076	.072
12-88	.000	86.036	.000	27.373	.00	1.30	35.585	3.808	8.345	.000	23.432	20.390
12-89	.000	68.817	.000	21.895	.00	1.30	28.464	3.046	8.345	.000	17.073	33.848
12-90	.000	55.043	.000	17.512	.00	1.30	22.766	2.436	8.345	.000	11.985	42.437
12-91	.000	44.028	.000	14.008	.00	1.30	18.210	1.949	8.345	.000	7.916	47.594
12-92	.000	35.215	.000	11.204	.00	1.30	14.565	1.559	8.345	.000	4.661	50.354
12-93	.000	28.168	.000	8.962	.00	1.30	11.651	1.247	8.345	.000	2.059	51.463
12-94	.000	11.404	.000	3.628	.00	1.30	4.716	.505	3.991	.000	.220	51.573
12-95												
12-96												
12-97												
12-98												
12-99												
12- 0												
12- 1												
S TOT	.000	351.511	.000	111.836	.00	1.30	145.387	15.559	62.406	.000	67.422	51.573
REM.	.000	.000	.000	.000	.00	.00	.000	.000	.000	.000	.000	51.573
TOTAL	.000	351.511	.000	111.836	.00	1.30	145.387	15.559	62.406	.000	67.422	51.573
CUM.	.000	4348.489						.000	-----PRESENT WORTH PROFILE-----			
ULT.	.000	4700.000										
BTAX RATE OF RETURN (PCT)			100.00					7.478	.0	67.422	30.0	33.555
BTAX PAYOUT YEARS			.00					10.000	2.0	63.676	35.0	30.638
BTAX PAYOUT YEARS (DISC)			.00					.000	5.0	58.649	40.0	28.120
BTAX NET INCOME/INVEST			.00					1.000	8.0	54.228	45.0	25.929
BTAX NET INCOME/INVEST (DISC)			.00					1.000	10.0	51.573	50.0	24.012
									12.0	49.123	60.0	20.826
INITIAL W.I. FRACTION		.453020						.000000	15.0	45.787	70.0	18.293
FINAL W.I. FRACTION		.453020						.000000	18.0	42.805	80.0	16.244
PRODUCTION START DATE		1- 1-87						.318160	20.0	40.988	90.0	14.558
MONTHS IN FIRST LINE		12.00						.318160	25.0	36.965	100.0	13.152



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

Case 9104

GARREY CARRUTHERS
GOVERNOR

May 18, 1988

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

Unique Engineering Inc.
P. O. Box 5970
Hobbs, New Mexico 88241

Re: Order R-8482, Baruch-Foster, Little Jewell #1
South Carlsbad-Morrow Pool, Eddy County
New Mexico

Gentlemen:

Your letter dated May 13, 1988 requested extension for one year of the subject order which granted hardship classification for the subject well. It is noted the well is now classified non-marginal in the subject pool but is underproduced.

Order R-8482 is hereby extended to May 31, 1989 under the same conditions and minimum flow rate of 350 MCFD.

Yours very truly,

A handwritten signature in cursive script, appearing to read "V. T. Lyon".

V. T. LYON,
Deputy Director

VTL/dr

cc: Mike Williams - Artesia
Harold Garcia
Allen Armijo
✓Case File



Oil & Gas Consultants

Acquisitions - Evaluations - Well Supervision - Property Management - Regulatory Affairs - Contract Pumping

Phone (505) 397-3596
P. O. Box 5970
HOBBS, NEW MEXICO 88241

May 13, 1988

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

Attn: Mr. Victor T. Lyon

Re: Request for extension of Hardship Classification
Order No. R-8482
Baruch-Foster Corporation
Little Jewel Comm. Well No. 1
Eddy County, New Mexico

Dear Mr. Lyon:

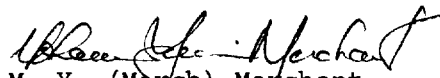
The undersigned on behalf of Baruch-Foster Corporation, the operator of the captioned well, requests a one (1) year extension of Hardship Classification for its Little Jewel Comm. Well No. 1.

The undersigned certifies that conditions of the well and production has not changed any since the issuance of Order No. R-8482. The well during the past twelve (12) months has averaged 350 mcf/d or less, with the exception of February and March, 1988, when production was 470 mcf/d and 502 mcf/d respectively. The higher production was due to El Paso's request and is not expected to continue.

Your early approval to a one (1) year extension will be greatly appreciated. If you have any questions or comments, please contact the undersigned. Thank you.

Sincerely,

UNIQUE ENGINEERING, INC.


M. Y. (Merch) Merchant
President

MYM/br

"Helping America produce energy since 1975"

Case file

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



GARREY CARRUTHERS
GOVERNOR

March 17, 1989

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

M. Y. (Merch) Merchant
President
Unique Oil & Gas Consultants
P. O. Box 5970
Hobbs, New Mexico 88241

Re: Request for Extension of Hardship Classification
Order No. 8482, Case No. 9104 - Little Jewel
Com No. 1-F-31-22S-27E, South Carlsbad Morrow
Gas Pool

Dear Mr. Merchant:

Upon your representation that the conditions which justified the hardship classification in the above-referenced case still continue, the hardship classification is hereby continued in effect until May 31, 1990.

It is noted that the well is now overproduced within permissible limits. You are hereby notified that at such time the well becomes overproduced more than is permissible under Order R-8170, as amended, it will be necessary for you to curtail your production from the well to 350 MCF/D until you are within a permissible overproduced status.

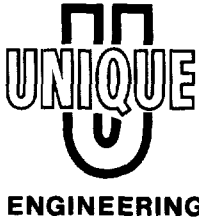
Yours very truly,

A handwritten signature in cursive script, appearing to read "V. T. Lyon".

V. T. LYON,
Deputy Director

VTL/dr

cc: El Paso Natural Gas Co.
Mike Williams
Catherine Meyer



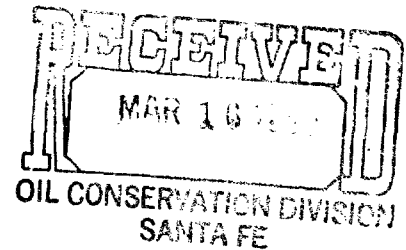
Oil & Gas Consultants

Acquisitions - Evaluations - Well Supervision - Property Management - Regulatory Affairs - Contract Pumping

Phone (505) 397-3596
P. O. Box 5970
HOBBS, NEW MEXICO 88241

March 14, 1989

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



Attention: Mr. Victor T. Lyon

Re: Request for extension of Hardship Classification
Order No. R-8482
Baruch-Foster Corporation
Little Jewel Comm. Well No. 1
South Carlsbad-Morrow Pool
Eddy County, New Mexico

Dear Mr. Lyon:

The undersigned on behalf of Baruch-Foster Corporation, the operator of the captioned well, requests an extension of Hardship Classification for its Little Jewel Comm. Well No. 1.

The undersigned certifies that conditions of the well and production has not changed any since the issuance of Order No. R-8482. This well is producing only from the Morrow zone, and the Strawn zone is depleted.

Your approval to a one(1) year extension will be greatly appreciated. Thank you.

Sincerely,

UNIQUE ENGINEERING, INC.

M. Y. (Merch) Merchant
President

MYM/lm

*prod 557/D in Jan
limit is 350
680/D in Dec
585/D in Nov
581/D in Oct
601 Sept
585 Aug
473 Jul*

*Well now "N" and one produced
should limit prod to allow or
350 mcf whichever is larger.*

EPN6

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THE APPLICATION OF MORRIS R. ANTWEIL
FOR A DUAL COMPLETION.

ORDER NO. MC-1945

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 112-A, Morris R. Antweil made application to the New Mexico Oil Conservation Commission on May 6, 1971, for permission to dually complete its Little Jewel Well No. 1 located in Unit F of Section 31, Township 22 South, Range 27 East, NMPM, Eddy County, New Mexico, in such a manner as to produce gas from the South Carlsbad-Strawn Gas Pool and the South Carlsbad-Morrow Gas Pool.

Now, on this 26th day of May, 1971, the Secretary-Director finds:

- (1) That application has been duly filed under the provisions of Rule 112-A of the Commission's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified; and
- (3) That no objections have been received within the waiting period as prescribed by said rule.
- (4) That the proposed dual completion will not cause waste nor impair correlative rights.
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

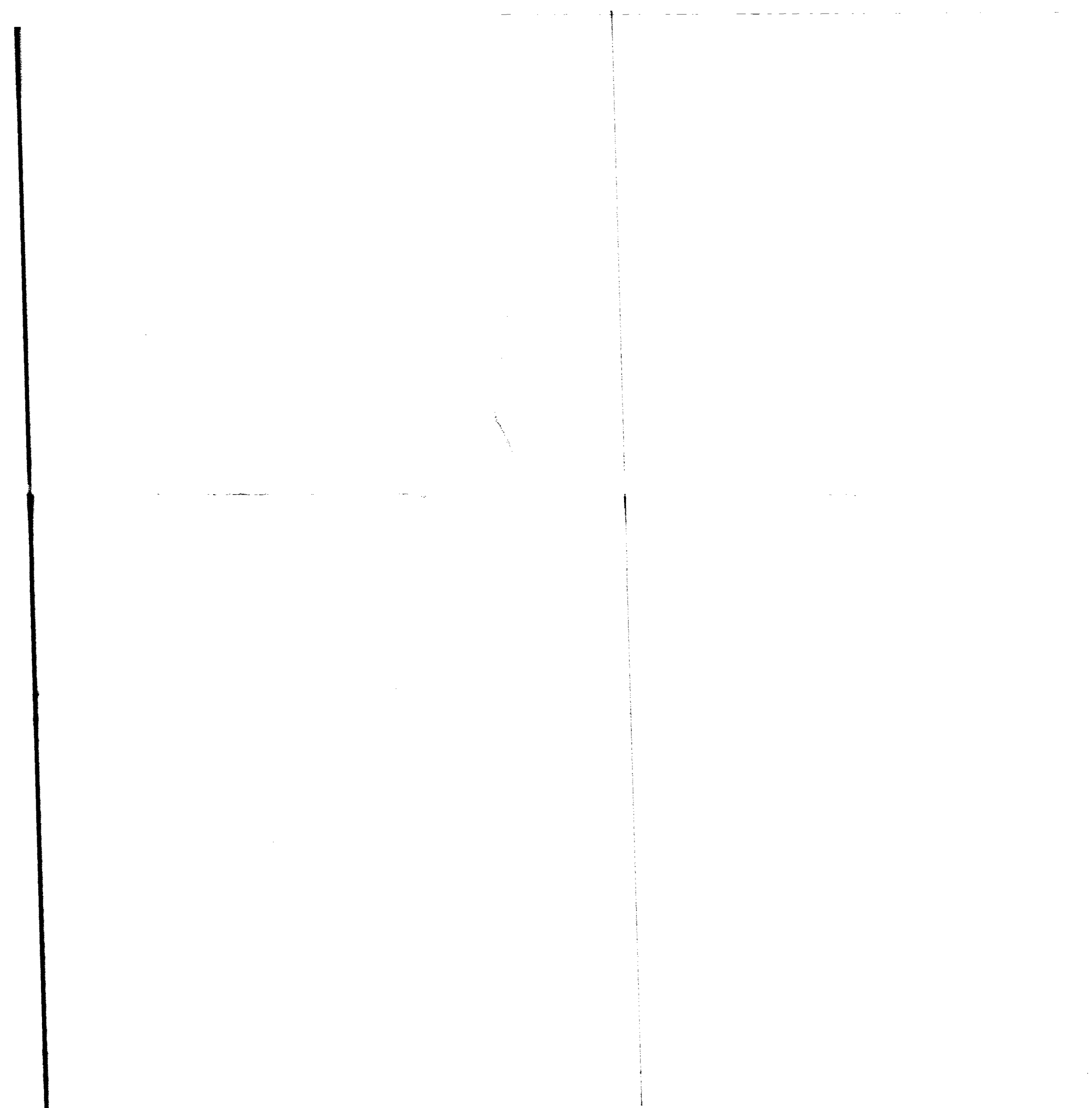
That the applicant herein, Morris R. Antweil, be and the same is hereby authorized to dually complete its Little Jewel Well No. 1 located in Unit F of Section 31, Township 22 South, Range 27 East, NMPM, Eddy County, New Mexico, in such a manner as to produce gas from the South Carlsbad-Strawn Gas Pool and the South Carlsbad-Morrow Gas Pool through parallel strings of tubing.

PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Shut-In Pressure Test Period.

IT IS FURTHER ORDERED: That jurisdiction of this cause is hereby retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove
recorded.



BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 4597
Order No. R-4195

APPLICATION OF MORRIS R. ANTWEIL FOR
LEASE COMMINGLING AND OFF-LEASE
STORAGE, EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on September 15, 1971, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 16th day of September, 1971, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Morris R. Antweil, is the operator of the Little Jewel Well No. 1 and Allen Well No. 1 located in Units F and J, respectively, of Section 31, Township 22 South, Range 27 East, and the Joell Well No. 1 located in Unit C of Section 6, Township 23 South, Range 27 East, NMPM, South Carlsbad-Strawn Gas Pool, Eddy County, New Mexico.

(3) That the applicant proposes to pipe the wet gas streams from each of the aforesaid wells to a central battery located in the SE/4 SW/4 of said Section 31 and to pass the production from each of the aforesaid wells into an individual 1000-pound separator-heater combination.

(4) That the gas production from each of the aforesaid separators would thence pass through individual sales meters into the pipeline.

(5) That the liquid production from each of the aforesaid separators would thence pass into a 125-pound low pressure flash separator, with the gas production from said low pressure separators being used to fuel the heaters described in finding No. (3) above.

(6) That the liquid production from each of the aforesaid low pressure separators would then be commingled in a common pressurized tank after passing through a strainer and after being separately and continuously metered by temperature-compensated meters installed upstream from liquid back pressure valves.

(7) That the installation of air and gas eliminators should not be required.

(8) That continuous type samplers or sampler probes should be installed in each liquid stream.

(9) That approval of the application in accordance with Findings Nos. (3) through (8) above will result in economic savings to the operator, prevent waste, and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Morris R. Antweil, is hereby authorized to commingle the condensate produced from his Little Jewel Well No. 1 and Allen Well No. 1 located in Units F and J, respectively, of Section 31, Township 22 South, Range 27 East, NMPM, and his Joell Well No. 1 located in Unit C of Section 6, Township 23 South, Range 27 East, NMPM, South Carlsbad-Strawn Gas Pool, Eddy County, New Mexico, after separation and measurement of the liquids from each well in accordance with Findings No. (3) through (8) above.

(2) That the above-described commingling installation shall be operated in accordance with the provisions of the Commission's "Manual for the Installation and Operation of Commingling Facilities," insofar as said provisions are not in conflict with this order.

-3-

CASE NO. 4597

Order No. R-4195

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

1. The first part of the document is a list of the names of the persons who have been appointed to the various offices of the government of the State of New York.

ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION



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

Baruch-Foster Corporation

Florence Davidson

FLORENE DAVIDSON
OC Staff Specialist

Hobbs OCD	<u>X</u>
Artesia OCD	<u>X</u>
Aztec OCD	

Other _____

