

Hicks Oil & Gas, Inc.

P. O. DRAWER 3307
FARMINGTON, NM 87499
505-327-4902

2517

EGE

MAR 30 2001

CONSERVATION DIVISION

March 27, 2001

STATE OF NEW MEXICO
Oil & Gas Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87504

RE: 2001 Plan of Development
Se Cha Cha Unit
San Juan County, New Mexico

Dear Sirs:

During 2000, the above referenced unit produced 13483 bbls. of oil and 42595 bbls. of water.

- 1) SE Cha Cha Unit Oil Production Curves are attached.
See Attachment "A".
- 2) Water Disposal into SE Cha Cha #37 continues to enhance oil recovery from SE Cha Cha #19 and #23. Combined oil and water production curves from these two (2) wells are attached.
See Attachment "B".
- 3) An up to date map detailing all wells and participating area boundaries is attached.
- 4) Plans for development during 2001 are to continue to produce SE Cha Cha Wells #12, #15, #19, #23, #36, #38 and #40 and continue water injection into the Cha Cha #37.

Hicks Oil & Gas was not involved in any drilling or recompletion projects, nor do we anticipate this for 2001. In addition, we have no completions or recompletions to different formations and there are no commingled wells in this lease.

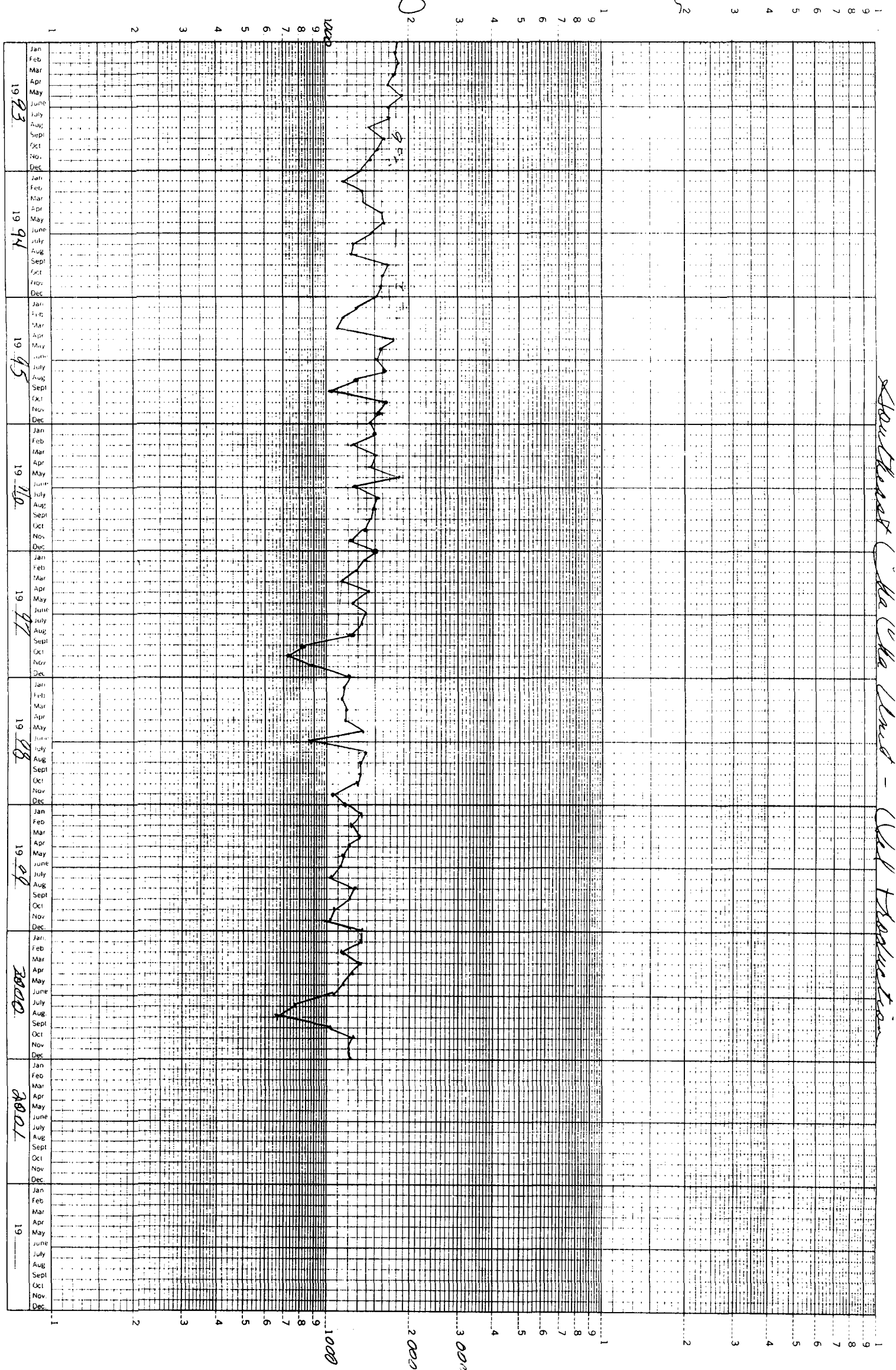
Sincerely,

HICKS OIL & GAS, INC.

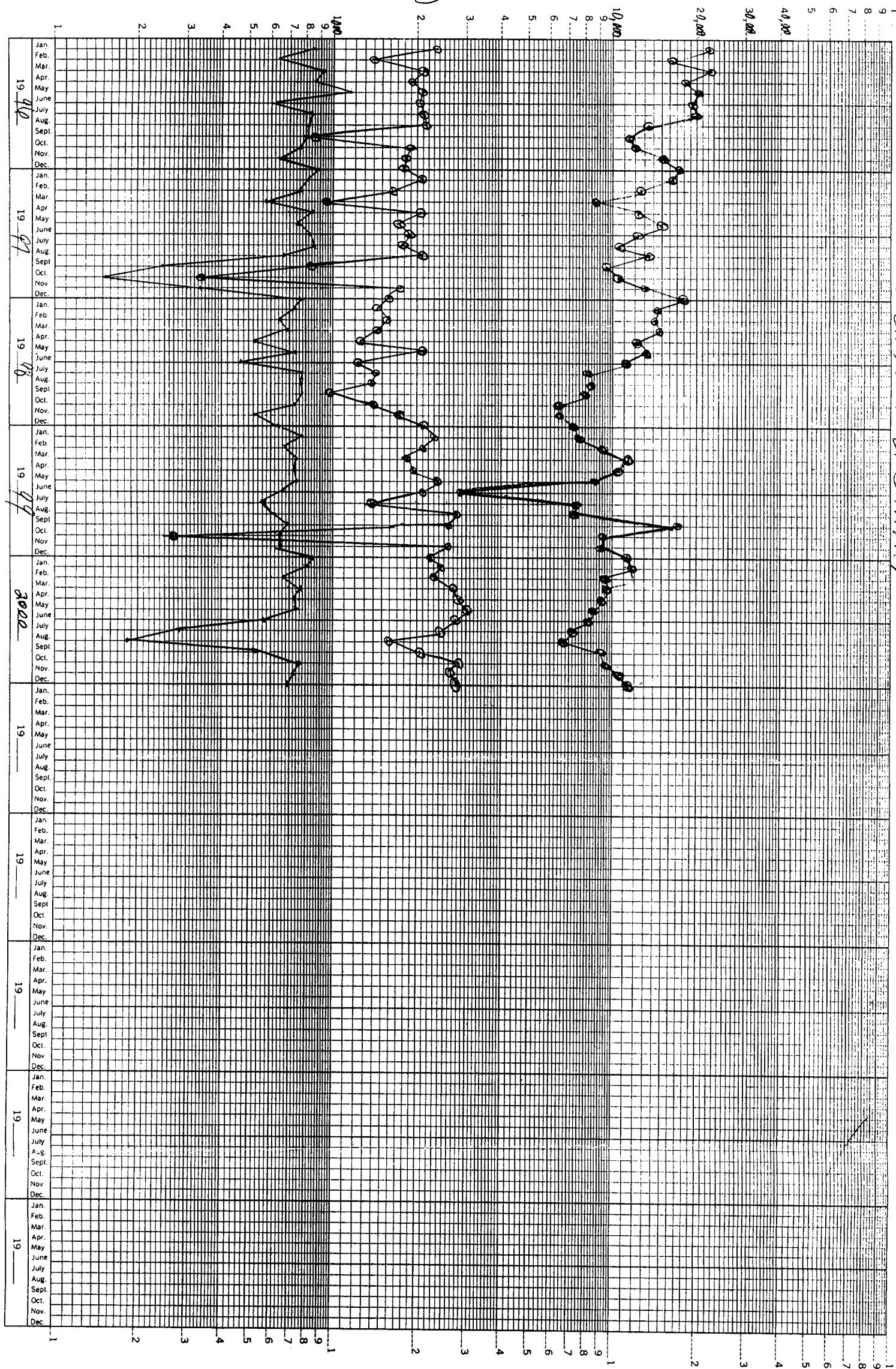


JIM HICKS
President

Barrels of Oil Per Month



ATTACHMENT "A"



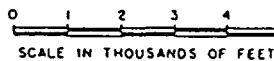
ATTACHMENT "B"

T.
28
N.



R. 13 W.

SOUTHEAST CHA-CHA UNIT AREA
SAN JUAN COUNTY, NEW MEXICO



C.G.-215-1
E. - 331-(19)-(20)
E-3149
E-9230

REVISION EFFECTIVE
1/15/96



#2517

COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5795

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5715

PLANNING
(505)-827-5752

August 12, 1998

Hicks Oil & Gas, Inc.
P.O. Drawer 3307
Farmington, New Mexico 87499

Attn: Mr. Jim Hicks

Re: 1998 Plan of Development
Southeast Cha Cha Unit
San Juan County, New Mexico

Dear Mr. Hicks:

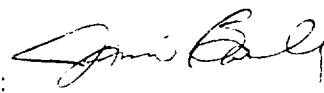
The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
pc: Reader File



BLM

"WE WORK FOR EDUCATION"



2517

RAY POWELL, M.S., D.V.M.
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

March 12, 1996

(505) 827-5760
FAX (505) 827-5766

Hicks Oil & Gas, Inc.
Post Office Drawer 3307
Farmington, New Mexico 87499

Attn: Mr. Jim Hicks

Re: 1996 Plan of Development
Southeast Cha Cha Unit
San Juan County, New Mexico

Dear Mr. Hicks:


The Commissioner of Public Lands has this date approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
LARRY KEHOE, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/LK/cpm

Enclosure

cc: Reader File

Commissioner's File

OCD

TRD

BLM



COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

MINERAL RESOURCES
(505)-827-5744

ROYALTY
(505)-827-5772

State of New Mexico
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.
310 Old Santa Fe Trail, P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Phone (505)-827-5760, Fax (505)-827-5766

PUBLIC AFFAIRS
(505)-827-5765

ADMINISTRATIVE MGMT.
(505)-827-5700

LEGAL
(505)-827-5713

PLANNING
(505)-827-5752

March 25, 1997

Hicks Oil & Gas, Inc.
P.O. Drawer 3307
Farmington, New Mexico 87499

Attn: Mr. Jim Hicks

Re: 1997 Plan of Development
Southeast Cha Cha Unit
San Juan County, New Mexico

Dear Mr. Hicks:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY:

A handwritten signature in black ink, appearing to read "Jami Bailey".

JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
cc: Reader File

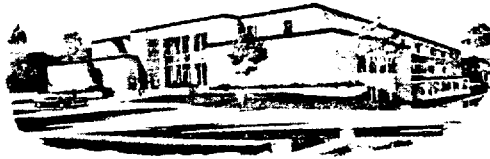
OCD

BLM

State of New Mexico



JIM BACA
COMMISSIONER



#2517

Commissioner of Public Lands

March 27, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Unit
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Hicks Oil and Gas, Inc.
P. O. Drawer 3307
Farmington, New Mexico 87499

Re: 1985 Plan of Development
S.E. Cha Cha Unit
San Juan County, New Mexico

ATTENTION: Mr. Mike Hicks

Gentlemen:

The Commissioner of Public Lands has this date approved your 1985, Plan of Development for the Southeast Cha Cha Unit area, San Juan County, New Mexico. Such plan proposes to continue producing the well nos. 12, 15, 19, 23, 36, 38, 39 and 40; Plug and abandon wells 6 and 32; workover and put back on production wells 8 and 18; and convert wells 16, 20, 34 and 37 to salt water disposal wells. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
505/827-5744

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

State of New Mexico

#2517



JIM BACA
COMMISSIONER

Commissioner of Public Lands

January 21, 1985

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Uses
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Hicks Oil & Gas, Inc.
P. O. Drawer 3307
Farmington, New Mexico 87499

Re: 1984 Plan of Development
S. E. Cha Cha Unit
San Juan County, New Mexico

ATTENTION: Mr. Mike Hicks

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Plan of Development for the S. E. Cha Cha Unit Area, San Juan County, New Mexico. Such plan proposes to workover the Well No. 23 and Plug and abandon the well No. 6. Our approval is subject to like approval by the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Ray D. Graham*
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-5744

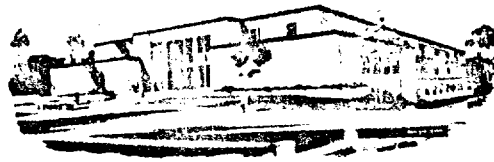
JB/RDG/pm
encls.
cc:

OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico
BLM-Roswell, New Mexico

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

February 10, 1982

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Hicks Oil and Gas, Inc.
P. O. Box 174
Farmington, New Mexico 87401

Re: Southeast Cha Cha Unit
San Juan County, New Mexico
1982 Plan of Development

2517

ATTENTION: Mr. Mike Hicks

Gentlemen:

The Commissioner of Public Lands has this date approve your 1982 Plan of Development for the Southeast Cha Cha Unit, San Juan County, New Mexico. Such plan proposes the drilling of five infill wells. they are the Southeast Cha Cha Well Nos. 40, 41, 42, 43 and 44. Wells Nos. 40, 41 and 42 are proposed to be drilled in Section 17, T28N-R13W. Well No. 43 is proposed to be drilled in Section 22, T28N-R13W and a location has not been selected for the well No. 44.

Our approval is subject to like approval by the Minerals Management Service and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files. In the future please submit three copies of your plan along with a map showing the current status of each unit well and the current producing formation. Also, we require a summary of production by well by month for each producing zone for the last 12 month period.

Please remit a three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-2748

AJA/RDG/pm
encls.

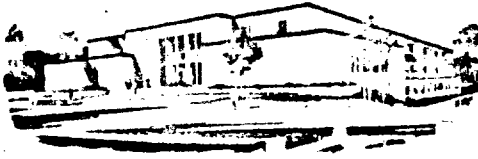
cc:

OCD-Santa Fe, New Mexico ✓
MMS-Albuquerque, New Mexico

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

January 21, 1981

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

2517

Hicks Enco, Inc.
2313 Santiago
Farmington, New Mexico 87401

Re: Southeast Cha Cha Unit
San Juan County, New Mexico
Plan of Development & Operation

ATTENTION: Mr. J. D. Hicks

Gentlemen:

In reviewing the captioned unit file, we found that we did not give approval to your 1980 Plan of Development and Operation. Since the USGS approval was subject to our approval, we have this date approved your 1980 Plan of Development and Operation, whereby, you proposed to drill two wells to test the Gallup formation, which were wells # 36 and #37. Both wells have been drilled.

The USGS has advised us that you have filed your 1981 Plan of Development and Operation with their office. Please file same with this office for the Commissioner's approval as per Section 11 of the Unit Agreement.

Enclosed is one approved copy of your 1980 Plan of Development and Operation for your records.

Please remit a Three (\$3.00) Dollar filing fee for the 1980 Plan of Development and Operation and also for the 1981, when filed with this office.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505-827-2748

AJA/FOP/s
encl.
cc:

OCD-Santa Fe, New Mexico
USGS-Roswell, New Mexico
USGS-Albuquerque, New Mexico



United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124
Albuquerque, New Mexico 87125

JAN 14 1980

Hicks Enco, Inc.
Attention: Mr. J. D. Hicks
2313 Santiago
Farmington, New Mexico 87401

2517

Gentlemen:

Four approved copies of your 1980 plan of development for the Southeast Cha Cha unit area, San Juan County, New Mexico, are enclosed. Such plan, proposing to drill two wells to test the Gallup formation, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

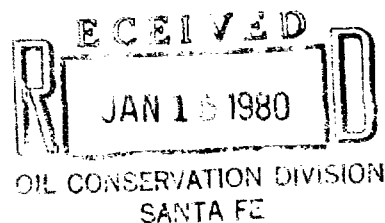
Sincerely yours,

(ORIG. SGD.) JACK WILLOCK

Jack Willock
Acting Oil and Gas Supervisor, SRMA

Enclosures 4

cc:
NMOCD, Santa Fe
COMM. Pub. Lands, Santa Fe





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

April 10, 1979

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

Mr. Ben K. Kelley
Suburban Propane Gas Corp.
P. O. Box 17689
San Antonio, Texas 78217

Re: Case No. 2517
Southeast Cha Cha Unit

Dear Mr. Kelley:

Thank you for your letter of April 4 advising the Division that you have sold your interest in the Southeast Cha Cha Unit to Hicks Enco. I assume a notice of change in operator will be sent to the Division by Hicks Enco. Also, they will have to obtain bond coverage and file C-104's before we can consider the transfer effective.

A copy of this letter is being sent to Hicks Enco to notify them of the necessary steps which must be taken.

Very truly yours,

(Ms.) LYNN TESCHENDORF
General Counsel

LT/dr

cc: Hicks Enco, Inc.
P. O. Box 480
Farmington, New Mexico 87401

Aztec District Office



Suburban Propane Gas Corporation
EXPLORATION AND PRODUCTION DIVISION

REPLY TO:
P.O. Box 17689
San Antonio, Texas 78217

April 4, 1979

New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501

Mo. 25 17

Re: Southeast Cha Cha Unit
San Juan County, New Mexico

Gentlemen:

Please be advised that effective April 1, 1979, Suburban Propane Gas Corporation sold its entire interest in the above subject unit to Hicks Enco, Inc., Post Office Box 480, Farmington, New Mexico 87401.

All invoices, orders, inquires, ect. dated after April 1, should be directed to Hicks Enco at the above address.

Suburban Propane Gas Corporation will continue to operate the Northwest Cha Cha Unit, as it was not involved in the Southeast Cha Cha Unit sale.

Yours very truly,

Ben K. Kelley

Ben K. Kelley

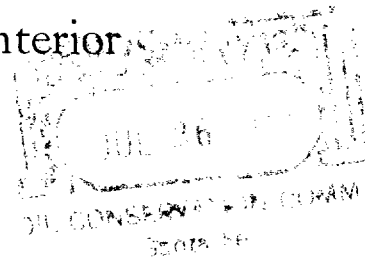
blc

cc: Hicks Enco, Inc.
Post Office Box 480
Farmington, New Mexico 87401



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
P. O. Box 26124
Albuquerque, New Mexico 87125



JUL 27 1977

Suburban Propane Gas Corporation
c/o Atwood, Malons, Mann & Cooter
Attention: Mr. Robert A. Johnson
P. O. Drawer 700
Roswell, New Mexico 88201

Gentlemen:

Two copies of an instrument dated July 15, 1977, by which Bird Oil Equipment of Oklahoma, Ltd. resigns as unit operator and Suburban Propane Gas Corporation is designated as successor unit operator for the Southeast Cha Cha unit agreement, San Juan County, New Mexico, No. 14-08-0001-8196, were filed with this office on July 19, 1977. The instrument is executed by Bird Oil Equipment of Oklahoma, Ltd. as the present unit operator and working interest owner and by Suburban Propane Gas Corporation.

The selection of Suburban Propane Gas Corporation as successor unit operator has been approved on this date, effective July 15, 1977, subject to like approval by the appropriate officials of the State of New Mexico. Copies of the approved instrument have been made and distributed to the Federal agencies concerned and one copy is returned herewith.

Sincerely yours,

(ORIG. S&D.) JAMES A. SUTHERLAND

Area Oil and Gas Supervisor

Enclosure

cc:
BLM, Santa Fe (w/cy instr.)
Comm. Pub. Lands, Santa Fe (ltr. only)
NMOCC, Santa Fe (ltr. only) \ \ \ \ \ This Copy for



PHIL R. LUCERO
COMMISSIONER

State of New Mexico



Commissioner of Public Lands
September 19, 1975

TELEPHONE
505-827-2748

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501

Carson & Trattner
300 Dan H. Leininger Building
3345 Northwest 38th Street
Oklahoma City, Oklahoma 73112

Re: Southeast Cha Cha Unit
RESIGNATION AND DESIGNATION
OF UNIT OPERATOR
San Juan County, New Mexico

ATTENTION: Mr. Henry Trattner

Gentlemen:

This will acknowledge receipt of your letter dated September 15, 1975, together with two executed copies of an instrument entitled Resignation and Designation of unit operator.

The Commissioner of Public Lands has this date approved the resignation of Aztec Oil & Gas Company, and has accepted Bird Oil Equipment of Oklahoma, Ltd., an Oklahoma corporation as the successor Unit Operator, for the Southeast Cha Cha Unit.

Enclosed is one (1) approved copy of the instrument. Please submit one approved copy to this office after the USGS has given their approval.

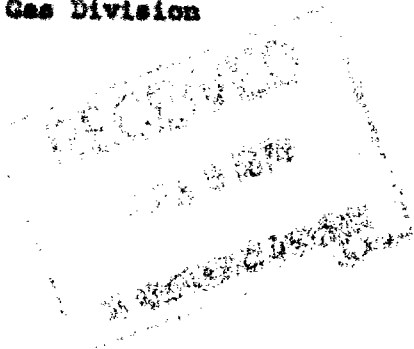
Very truly yours,

PHIL R. LUCERO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division

PRL/RDG/a
encls.
cc:

USGS-Roswell, New Mexico
OCC- Santa Fe, New Mexico



PAN AMERICAN PETROLEUM CORPORATION

SECURITY LIFE BUILDING

DENVER, COLORADO 80202

April 15, 1970

File: HTH-207-950.5

Re: Resignation as Operator

PRODUCING DEPARTMENT
H. T. HUNTER
DIVISION PRODUCTION
MANAGER

DRILLING
J. E. Fox, Jr.
GAS SALES
A. H. BARRETT
ADMINISTRATION
S. G. BAKER

APR 20 8 17 AM '70

2511

TO ALL WORKING INTEREST OWNERS
(See List Attached)

Gentlemen:

Effective at 7:00 a.m. on December 31, 1969, Pan American Petroleum Corporation sold all its interest in the following joint interest property to Clinton Oil Company of Wichita, Kansas. Pan American is presently serving as Operator of the property pursuant to the terms and provisions of the Unit and Unit Operating Agreement.

Property

Location

Southeast Cha Cha Unit

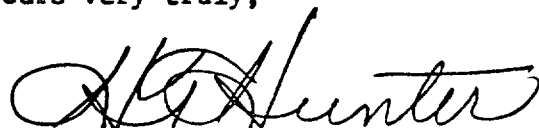
Cha Cha Gallup Field
San Juan County, New Mexico

In accordance with the terms of the Agreement, Pan American hereby resigns as Unit Operator of the above property. It is Pan American's desire that a new Operator be selected and approved so that its resignation may become effective at 7:00 a.m. on July 1, 1970.

As a matter of information and to help facilitate the selection of a successor Operator, Clinton Oil Company has expressed a desire to succeed Pan American as Unit Operator of the joint property on July 1, 1970.

If the selection of Clinton Oil Company, as new Operator, is agreeable with you, please signify your approval by signing and returning one copy of this letter to our office.

Yours very truly,



APPROVED _____

COMPANY _____

DATE _____

MAILING LIST
SOUTHEAST CHA CHA UNIT

Aztec Oil & Gas Company
2000 First National Bank Building
Dallas, Texas 75207
Attn: Mr. Prentice Watts

Benson-Montin-Greer Drlg. Corp.
158 Petroleum Center Building
Farmington, New Mexico
Attn: Mr. A. R. Greer

Bonanza Oil Corporation
1416 Commerce Building
Dallas 1, Texas
Attn: Mr. J. E. Leonard

Delta Development Ltd. Partnership
908 Mercantile Bank Building
Dallas 1, Texas
Attn: Mr. Ralph J. Shapiro
Mr. J. A. Urice

The Director
United States Geological Survey
Washington, D. C.

Through: Mr. Carl C. Traywick
Acting Oil and Gas Supervisor
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico 88201

Great National Corporation
1126 Mercantile Securities Building
Dallas 1, Texas 75201

Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado
Attn: Mr. J. Roy Dorrough

Mr. Warren Shear
P. O. Box 807
Duncan, Oklahoma

Southern Union Production Company
Fidelity Union Tower
Dallas, Texas 75201

Texaco Inc.
P. O. Box 2100
Denver, Colorado 80201
Attn: Mr. N. G. Kittrell

Mr. Alex Armijo, Land Commissioner
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501



JIM BACA
COMMISSIONER

State of New Mexico



Commissioner of Public Lands

March 3, 1986

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148
Express Mail Delivery Used
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Hicks Oil and Gas, Inc.
P. O. Drawer 3307
Farmington, New Mexico 87499

Re: 1986 Plan of Development
Southeast Cha Cha Unit
San Juan County, New Mexico

ATTENTION: Mr. Mike Hicks

Gentlemen:

#2517

The Commissioner of Public Lands has this date approved your 1986 Plan of Development for the Southeast Cha Cha Unit Area, San Juan County, New Mexico. Such plan proposes to work over and put on production the Unit Wells #2, #25 and 33 and plug and abandon the wells #27, #31, and #35. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files. In future plans of Developments, please furnish this office with a map showing the current status of each unit well and their current producing formations. Also, we require a summary of production by well by month for each producing zone for the last 12 month period. This information will greatly benefit our study of these plans.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*
FLOYD O. PRANDO, Director
Oil and Gas Division
AC 505/827-5744

JB/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Albuquerque, New Mexico Attn: Fluids Branch
BLM-Roswell, New Mexico Attn: Mr. Armando Lopez

2517

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
April 15, 1964

File: N-249-416

Subject: Modified Plan of Operation
Southeast Cha Cha Unit
San Juan County, New Mexico

Supervisor (6)
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands (3)
The State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission of (3)
The State of New Mexico
P. O. Box 2088
Santa Fe, New Mexico

All Working Interest Owners
Southeast Cha Cha Unit
(See Attached Addressee List)

Gentlemen:

The application for a Modified Plan of Operation in the Southeast Cha Cha Unit submitted to the regulatory bodies by our letter of October 28, 1963, received official approval on the following dates:

Supervisor
United States Geological Survey

November 13, 1963

Commission of Public Lands
The State of New Mexico


March 18, 1964

Oil Conservation Commission
The State of New Mexico

April 8, 1964

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent

CKD:en

SOUTHEAST CHA CHA UNIT MAILING LIST
WORKING INTEREST OWNERS
SAN JUAN COUNTY, NEW MEXICO

Aspen Drilling Company Aspen Crude Purchasing Company P. O. Box 2060 Farmington, New Mexico Attn: Mr. W. R. Johnston (1)	Humble Oil & Refining Company P. O. Box 3082 Durango, Colorado Attn: Mr. B. M. Bradley (2) Mr. D. V. Emery
Aztec Oil & Gas Company P. O. Drawer 570 Farmington, New Mexico Attn: Mr. Joe Salmon (1)	Marine Drilling, Inc. (1) 1126 Mercantile Securities Building Dallas 1, Texas
Aztec Oil & Gas Company 920 Mercantile Securities Building Dallas, Texas Attn: Mr. Prentice Watts (2)	Mr. Warren Shear (1) P. O. Box 807 Duncan, Oklahoma
Benson-Montin-Greer Drlg. Corp. 158 Petroleum Center Building Farmington, New Mexico Attn: Mr. A. R. Greer (3)	Southern Union Production Company P. O. Box 808 Farmington, New Mexico Attn: Mr. L. S. Muennink (1)
Bonanza Oil Corporation 1416 Commerce Street Dallas 1, Texas Attn: Mr. J. E. Leonard (1)	Southern Union Production Company Fidelity Union Tower Dallas, Texas Attn: Mr. A. M. Wiederkehr (2) Mr. Paul Clote
Delta Development Ltd. Partnership 908 Mercantile Bank Building Dallas 1, Texas Attn: Mr. Ralph J. Shapiro (2) Mr. J. A. Urice	Texaco Inc. P. O. Box 2100 Denver 1, Colorado Attn: Mr. J. F. Neill (1)
D. W. Falls, Inc. (1) 1517 First National Bank Bldg., East Albuquerque, New Mexico	Texaco Inc. P. O. Box 810 Farmington, New Mexico Attn: Mr. C. P. Farmer (2)
Gas Producers Corporation 1201 Main Street Dallas, Texas Attn: Mr. L. R. Spence (1)	
Humble Oil & Refining Company P. O. Box 120 Denver, Colorado Attn: Mr. J. Roy Dorrough (2) Mr. J. A. Kelley	

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

April 8, 1964

San American Petroleum Corporation
P. O. Box 480
Farmington, New Mexico

Attention: Mr. T. M. Curtis

Re: Modified Plan of Operation,
Southeast Cha Cha Unit, San
Juan County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Modified Plan of Operation dated October 28, 1963, for the Southeast Cha Cha Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe
U. S. Geological Survey - Roswell

March 18, 1964

Pan American Petroleum Corporation
P. O. Box 480
Farmington, New Mexico

Re: Southeast Cha Cha Unit
San Juan County, New Mexico
Plan of Operation

Attention: Mr. T. M. Curtis

Gentlemen:

The Commissioner of Public Lands approves as of March 18, 1964, your Plan of Development for the Southeast Cha Cha Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

We are returning one approved copy of this Plan.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:
(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESW/mmrv

cc: Oil Conservation Commission
Santa Fe, New Mexico

United States Geological Survey
Roswell, New Mexico

PAN AMERICAN PETROLEUM CORPORATION

1963 OCT 30 AM 8:13
P. O. Box 480, Farmington, New Mexico
October 28, 1963

File: N-791-416

Subject: Modified Plan of Operation
Southeast Cha Cha Unit
San Juan County, New Mexico

Supervisor (6)
United States Geological Survey
P. O. Box 1857
Roswell, New Mexico

Commissioner of Public Lands (3)
The State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Oil Conservation Commission of (3)
The State of New Mexico
P. O. Box 871
Santa Fe, New Mexico

All Working Interest Owners
(See Attached Addressee List)

Gentlemen:

Pursuant to the provisions of Section 11 of the Unit Agreement for the development and operation of the Southeast Cha Cha Unit Area, San Juan County, New Mexico, Pan American Petroleum Corporation, as Unit Operator, respectfully submits for your approval a modified Plan of Operation for the Southeast Cha Cha Unit. It is proposed that this modified Plan of Operation shall become effective upon the approval of the Commission, Commissioner, and Supervisor, and shall remain in effect until further modified.

Modifications

The injection pattern in the Southeast Cha Cha Unit will be revised by converting the following producing wells to injection:

Southeast Cha Cha Unit Wells Nos. 3, 14, 21, 26 and 35

Southeast Cha Cha Unit Wells Nos. 14, 21 and 26 will be converted to injection upon completion of the water supply facility now under construction. Southeast Cha Cha Unit Wells Nos. 3 and 35 are boundary wells and will be converted to injection duty concurrently with conversion of offsetting wells outside the Unit.

Present water injection Wells Nos. 16 and 22 will be converted from injection duty to production.

U. S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
All Working Interest Owners
in Southeast Cha Cha Unit

Date: October 28, 1963
File: N-791-416
Subject: Modified Plan of Operation
Southeast Cha Cha Unit
San Juan County, N. M.

Proposed Additional Development

It is planned that no additional wells will be drilled in the Southeast Cha Cha Unit. Upon completion of the changes listed under Modifications above, no other changes are now contemplated in the pressure maintenance program.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION

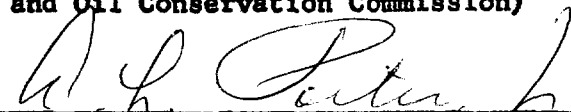

T. M. Curtis
District Superintendent

GWE:ep
Attachment

1033 OCT 30 AM 9:13
MAIN OFFICE OCC

APPROVED: _____ DATE: _____
Supervisor, United States Geological Survey
(Subject to like approval by appropriate
State Officials)

APPROVED: _____ DATE: _____
Commissioner of Public Lands
(Subject to like approval by U.S.G.S.
and Oil Conservation Commission)

APPROVED:  _____ DATE: 4 8 68
Oil Conservation Commission
(Subject to like approval by U.S.G.S.
and Commissioner of Public Lands)

SOUTHEAST CHA CHA UNIT MAILING LIST
WORKING INTEREST OWNERS
SAN JUAN COUNTY, NEW MEXICO

MAIN OFFICE OCC
1963 OCT 30 AM 8:13

Aspen Drilling Company
Aspen Crude Purchasing Company
P. O. Box 2060
Farmington, New Mexico
Attn: Mr. W. R. Johnston (1)

Aztec Oil & Gas Company
P. O. Drawer 570
Farmington, New Mexico
Attn: Mr. Joe Salmon (1)

Aztec Oil & Gas Company
920 Mercantile Securities Building
Dallas, Texas
Attn: Mr. Prentice Watts (2)

Benson-Montin-Greer Drlg. Corp.
158 Petroleum Center Building
Farmington, New Mexico
Attn: Mr. A. R. Greer (3)

Bonanza Oil Corporation
1416 Commerce Street
Dallas 1, Texas
Attn: Mr. J. E. Leonard (1)

Delta Development Ltd. Partnership
640 Mercantile Continental Building
Dallas 1, Texas
Attn: Mr. Ralph J. Shapiro (2)
Mr. J. A. Urice

D. W. Falls, Inc. (1)
1517 First National Bank Bldg., East
Albuquerque, New Mexico

Gas Producers Corporation
1201 Main Street
Dallas, Texas
Attn: Mr. L. R. Spence (1)

Humble Oil & Refining Company
P. O. Box 120
Denver, Colorado
Attn: Mr. J. Roy Dorrough (2)
Mr. J. A. Kelley

Humble Oil & Refining Company
P. O. Box 3082
Durango, Colorado
Attn: Mr. B. M. Bradley (2)
Mr. D. V. Emery

Marine Drilling, Inc. (1)
1126 Mercantile Securities Building
Dallas 1, Texas

Mr. Warren Shear (1)
P. O. Box 807
Duncan, Oklahoma

Southern Union Production Company
P. O. Box 808
Farmington, New Mexico
Attn: Mr. L. S. Muennink (1)

Southern Union Production Company
Fidelity Union Tower
Dallas, Texas
Attn: Mr. A. M. Wiederkehr (2)
Mr. Paul Clote

Texaco Inc.
P. O. Box 2100
Denver 1, Colorado
Attn: Mr. J. F. Neill (1)

Texaco Inc.
P. O. Box 810
Farmington, New Mexico
Attn: Mr. C. P. Farmer (2)

2211

Drawer 1857
Roswell, New Mexico 88201

November 13, 1963

Pan American Petroleum Corporation
P. O. Box 480
Farmington, New Mexico

Attention: Mr. T. M. Curtis

Gentlemen:

Your amended plan of operation, dated October 28, 1963, for the Southeast Cha Cha unit area, San Juan County, New Mexico, proposing the conversion of five producing wells to water injection status and conversion of two injection wells to producing status, has been approved on this date subject to like approval by the appropriate State officials.

Three copies of the approved plan are enclosed.

Sincerely yours,

(Orig.Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK
Acting Oil & Gas Supervisor

cc:
Washington (w/cy plan)
Farmington (w/cy plan)
Com. Pub. Lands - Santa Fe (ltr. only)
N.M.O.C.C. - Santa Fe (ltr. only)

2517

PAN AMERICAN PETROLEUM CORPORATION

1963 MAR 4 AMP. O. Box 480, Farmington, New Mexico
February 28, 1963

File: N-167-416

Subject: 1963 Plan of Development
Southeast Cha Cha Unit
San Juan County, New Mexico

Director (6)
United States Geological Survey
c/o Oil and Gas Supervisor
P. O. Drawer 1857
Roswell, New Mexico

Commissioner of Public Lands (3)
The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission of (3)
The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

All Working Interest Owners
Southeast Cha Cha Unit
(See Attached Addressee List)

Gentlemen:

The 1963 Plan of Development for the Southeast Cha Cha Unit filed with the regulatory bodies December 18, 1962, has been approved on the following dates:

Director
United States Geological Survey February 11, 1963

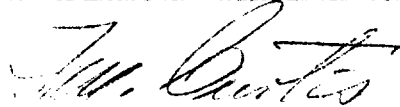
Commissioner of Public Lands
State of New Mexico February 15, 1963

New Mexico
Oil Conservation Commission February 25, 1963

This Plan of Development shall be effective from January 1, 1963, through December 31, 1963.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent

CKD:en
Attach.

SOUTHEAST CHA CHA UNIT MAILING LIST
WORKING INTEREST OWNERS
SAN JUAN COUNTY, NEW MEXICO

Aspen Drilling Company Aspen Crude Purchasing Company P. O. Box 2060 Farmington, New Mexico Attn: Mr. W. R. Johnston (1)	Humble Oil & Refining Company P. O. Box 3082 Durango, Colorado Attn: Mr. B. M. Bradley (2) Mr. D. V. Emery
Aztec Oil & Gas Company P. O. Drawer 570 Farmington, New Mexico Attn: Mr. Joe Salmon (1)	Marine Drilling, Inc. (1) 1126 Mercantile Securities Building Dallas 1, Texas
Aztec Oil & Gas Company 920 Mercantile Securities Building Dallas, Texas Attn: Mr. Prentice Watts (2)	Mr. Warren Shear (1) P. O. Box 807 Duncan, Oklahoma
Benson-Montin-Greer Drlg. Corp. 158 Petroleum Center Building Farmington, New Mexico Attn: Mr. A. R. Greer (3)	Southern Union Production Company P. O. Box 808 Farmington, New Mexico Attn: Mr. L. S. Muennink (1)
Bonanza Oil Corporation 1416 Commerce Street Dallas 1, Texas Attn: Mr. J. E. Leonard (1)	Southern Union Production Company Fidelity Union Tower Dallas, Texas Attn: Mr. A. M. Wiederkehr (2) Mr. Paul Clote
Delta Development Ltd. Partnership 640 Mercantile Continental Building Dallas 1, Texas Attn: Mr. Ralph J. Shapiro (2) Mr. J. A. Urice	Texaco Inc. P. O. Box 2100 Denver 1, Colorado Attn: Mr. J. F. Neill (1)
D. W. Falls, Inc. (1) 1517 First National Bank Bldg., East Albuquerque, New Mexico	Texaco Inc. P. O. Box 810 Farmington, New Mexico Attn: Mr. C. P. Farmer (2)
Gas Producers Corporation 1201 Main Street Dallas, Texas Attn: Mr. L. R. Spence (1)	
Humble Oil & Refining Company P. O. Box 120 Denver, Colorado Attn: Mr. J. Roy Dorrough (2) Mr. J. A. Kelley	

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

February 25, 1963

**Pan American Petroleum Corporation
P. O. Box 480
Farmington, New Mexico**

Attention: Mr. T. M. Curtis

**Re: 1963 Plan of Operation
Southeast Cha Cha Unit,
San Juan County, New Mexico**

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1963 Plan of Operation for the Southeast Cha Cha Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

Very truly yours,

**A. L. PORTER, Jr.,
Secretary-Director**

ALP/JEK/ig

**cc: Commissioner of Public Lands
Santa Fe, New Mexico**

**United States Geological Survey
Roswell, New Mexico**

MAIN OFFICE OCC
1963 FEB 15 PM 4:33

February 15, 1963

Far American Petroleum Corporation
P. O. Box 480
Farmington, New Mexico

Re: 1963 Plan of Operation
Southeast Cha Cha Unit,
San Juan County, New
Mexico

Attention: Mr. T. M. Curtis

Gentlemen:

The Commissioner of Public Lands has approved as of February 15, 1963, the 1963 Plan of Operation for the Southeast Cha Cha Unit Area, San Juan County, New Mexico, subject to like approval by the United States Geological Survey.

We are returning one approved copy.

Very truly yours,

E. S. Johnny Walker
COMMISSIONER OF PUBLIC LANDS

BY:
(Mrs.) Marian M. Rhea
Supervisor, Unit

ESW/mmr/e

encl: United States Geological Survey
cc: Roswell, New Mexico

Oil Conservation Commission
Santa Fe, New Mexico

Drawer 1857
Roswell, New Mexico

Pan American Petroleum Corporation
P. O. Box 480
Farmington, New Mexico

Gentlemen:

Three copies of the approved plan are enclosed.

Orig. Ser. 100-100000

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

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
December 18, 1962

File: N-1511-416

Subject: 1963 Plan of Operation
Southeast Cha Cha Unit
San Juan County, New Mexico

Director (6)
United States Geological Survey
P. O. Box 1857
Roswell, New Mexico

Commissioner of Public Lands (3)
The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Oil Conservation Commission of (3)
The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

All Working Interest Owners
(See Attached Addressee List)

Gentlemen:

In compliance with Section 11 of the Unit Agreement for the Southeast Cha Cha Unit Area, Pan American Petroleum Corporation, as Unit Operator, respectfully submits the 1963 Plan of Operation to cover the period January 1, 1963 through December 31, 1963.

History of Development - There are a total of 35 wells in the Unit Area. Of these 32 are Gallup producers and 3 are water injection wells.

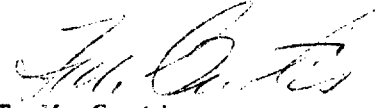
Proposed Additional Development - It is planned that no additional wells will be drilled in the Southeast Cha Cha Unit during 1963. The pressure maintenance program, which commenced operation in September, 1962, will be continued and expanded to a full-scale project covering the entire participating area.

Modifications - This plan is dependent upon certain information which will be obtained from unit operations and, therefore, it may be modified from time to time to meet changing conditions.

Effective Date - This plan of operation shall be effective January 1, 1963.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent

CKD:ep
Attach.

Page 2

December 18, 1962

U. S. Geological Survey
Commissioner of Public Lands
Oil Conservation Commission
All Working Interest Owners
Southeast Cha Cha Unit

File: N-1511-416
Subject: 1963 Plan of Operation
Southeast Cha Cha Unit
San Juan County, N. M.

APPROVED: _____ DATE: _____
Director, United States Geological Survey
(Subject to like approval by appropriate
State Officials)

APPROVED: _____ DATE: _____
Commissioner of Public Lands
(Subject to like approval by U.S.G.S.
and Oil Conservation Commission)

APPROVED: A. L. Carter, Jr. DATE: 2-25-63
Oil Conservation Commission
(Subject to like approval by U.S.G.S.
and Commissioner of Public Lands)

SOUTHEAST CHA CHA UNIT MAILING LIST
WORKING INTEREST OWNERS
SAN JUAN COUNTY, NEW MEXICO

Aspen Drilling Company Aspen Crude Purchasing Company P. O. Box 2060 Farmington, New Mexico Attn: Mr. W. R. Johnston (1)	Humble Oil & Refining Company P. O. Box 3082 Durango, Colorado Attn: Mr. B. M. Bradley (2) Mr. D. V. Emery
Aztec Oil & Gas Company P. O. Drawer 570 Farmington, New Mexico Attn: Mr. Joe Salmon (1)	Marine Drilling, Inc. (1) 1126 Mercantile Securities Building Dallas 1, Texas
Aztec Oil & Gas Company 920 Mercantile Securities Building Dallas, Texas Attn: Mr. Prentice Watts (2)	Mr. Warren Shear (1) P. O. Box 807 Duncan, Oklahoma
Benson-Montin-Greer Drlg. Corp. 158 Petroleum Center Building Farmington, New Mexico Attn: Mr. A. R. Greer (3)	Southern Union Production Company P. O. Box 808 Farmington, New Mexico Attn: Mr. L. S. Muennink (1)
Bonanza Oil Corporation 1416 Commerce Street Dallas 1, Texas Attn: Mr. J. E. Leonard (1)	Southern Union Production Company Fidelity Union Tower Dallas, Texas Attn: Mr. A. M. Wiederkehr (2) Mr. Paul Clote
Delta Development Ltd. Partnership 640 Mercantile Continental Building Dallas 1, Texas Attn: Mr. Ralph J. Shapiro (2) Mr. J. A. Urice	Texaco Inc. P. O. Box 2100 Denver 1, Colorado Attn: Mr. J. F. Neill (1)
D. W. Falls, Inc. (1) 1517 First National Bank Bldg., East Albuquerque, New Mexico	Texaco Inc. P. O. Box 810 Farmington, New Mexico Attn: Mr. C. P. Farmer (2)
Gas Producers Corporation 1201 Main Street Dallas, Texas Attn: Mr. L. R. Spence (1)	
Humble Oil & Refining Company P. O. Box 120 Denver, Colorado Attn: Mr. J. Roy Dorrough (2) Mr. J. A. Kelley	

MAIN OFFICE 000

1963 FEB 1 AM

January 1963

24
Socorro, New Mexico

January 30, 1963

The Atlantic Refining Company
Suite 760
Petroleum Club Building
110 16th Street
Denver 2, Colorado

Attention: Mr. T. G. Davis

Gentlemen:

Your letter of December 21, 1962, transmits ten copies each of a revised exhibit "B" and the second revision of exhibit "C" to the Hershosh-Gallup unit agreement, San Juan County, New Mexico. By letter of January 18, 1963, you request that tracts 1 and 1-B on the second revision of exhibit "C", be recombined as tract 1 and tracts 1-A and 1-C be recombined as tract 1-A, as shown on the first revision of exhibit "C."

The second revised exhibit "C", corrected as requested, occasioned by the change in commitment status of tracts 34 and 34-A, effective December 1, 1962, is hereby approved pursuant to sec. 12 of the Hershosh-Gallup unit agreement. Our records indicate the exhibit was approved by the New Mexico Commissioner of Public Lands on December 28, 1962, and by the Oil Conservation Commission on January 3, 1963.

The revised exhibit "B" describing tracts 1-B and 1-C is being returned as not appropriate at this time. Copies of the approved revised exhibit "C" are being distributed to the appropriate Federal offices to be filed with the official case records. Three surplus approved copies are attached.

Very truly yours,

(Orig. Sgd.) CARL C. TRAYWICK

CARL C. TRAYWICK

Copy to: Washington (w/cy exh. "C") - Acting Oil and Gas Supervisor
Farmington
Supt. Nav. Ag. (2) (w/2cys exh. "C")
Supt., Cons. Use Ag. (w/cy exh. "C")
Accounts
BLM - Santa Fe (w/cy exh. "C")
Comm. Pub. Lands - Santa Fe (ltr. only)
R0000 - Santa Fe (ltr. only)

ILLEGIBLE

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
September 17, 1962

2517

File: N-805-416

Subject: Plan of Operation
Southeast Cha Cha Unit

Director
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Commissioner of Public Lands
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

All Working Interest Owners
Southeast Cha Cha Unit
(See Attached Addressee List)

Gentlemen:

This is to advise that the 1962 Plan of Operation has been approved by the regulatory bodies on the following dates:

Director United States Geological Survey	September 10, 1962
---	--------------------

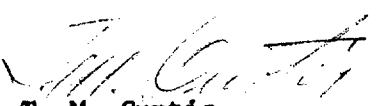
Commissioner of Public Lands State of New Mexico	September 4, 1962
---	-------------------

Oil Conservation Commission State of New Mexico	August 31, 1962
--	-----------------

This Plan of Operation will be effective through December 31, 1962.

Yours very truly,

PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent

CKD:en
Attach.

SOUTHEAST CHA CHA UNIT MAILING LIST
WORKING INTEREST OWNERS
SAN JUAN COUNTY, NEW MEXICO

Aspen Crude Purchasing Company P. O. Box 2060 Farmington, New Mexico Attn: Mr. W. R. Johnston (2)	Humble Oil & Refining Company P. O. Box 3082 Durango, Colorado Attn: Mr. B. M. Bradley (2) Mr. D. V. Emery
Aspen Drilling Company (1) P. O. Box 2060 Farmington, New Mexico	Marine Drilling, Inc. (1) 1126 Mercantile Securities Building Dallas 1, Texas
Aztec Oil & Gas Company (2) 920 Mercantile Securities Building Dallas, Texas Attn: Mr. Prentice Watts	Southern Union Production Company Fidelity Union Tower Dallas, Texas Attn: Mr. A. M. Wiederkehr (1)
Aztec Oil & Gas Company P. O. Drawer 570 Farmington, New Mexico Attn: Mr. Joe Salmon (1)	Southern Union Production Company P. O. Box 808 Farmington, New Mexico Attn: Mr. L. S. Muennink (1)
Benson-Montin-Greer Drlg. Corp. 158 Petroleum Center Building Farmington, New Mexico Attn: Mr. A. R. Greer (3)	Mr. Warren Shear P. O. Box 807 Duncan, Oklahoma
Bonanza Oil Corporation 1416 Commerce Building Dallas 1, Texas Attn: Mr. J. E. Leonard (1)	Texaco Inc. P. O. Box 2100 Denver 1, Colorado Attn: Mr. J. F. Neill (1)
Delta Development Ltd. Partnership 640 Mercantile Continental Building Dallas 1, Texas Attn: Mr. Ralph J. Shapiro (2) Mr. J. A. Urice	Texaco Inc. P. O. Box 810 Farmington, New Mexico Attn: Mr. C. P. Farmer (2)
D. W. Falls, Inc. (1) P. O. Box 95 Albuquerque, New Mexico	Gas Producers Corporation 1201 Main Street Dallas, Texas Attn: Mr. L. R. Spence (1)
Humble Oil & Refining Company P. O. Box 120 Denver, Colorado Attn: Mr. J. Roy Dorrough (2) Mr. J. A. Kelley	

2517

September 4, 1962

Pan American Petroleum Corporation
P. O. Box 460
Farmington, New Mexico

Re: Southeast Cha Cha Unit,
San Juan County, New Mexico

Gentlemen:

The Commissioner of Public Lands has approved as of September 4, 1962, the Plan of Operation, dated August 28, 1962, for the Southeast Cha Cha, San Juan County, New Mexico.

We are returning one approved copy of this Plan.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:

(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESW/mm/v

cc: Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

U. S. Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

227

August 31, 1962

Pan American Petroleum Corporation
P. O. Box 480
Farmington, New Mexico

Attention: Mr. T. M. Curtis

Re: 1962 Plan of Operation
Southeast Cha Cha Unit,
San Juan County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Operation, effective through December 31, 1962, for the Southeast Cha Cha Unit, San Juan County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/ig

cc: U. S. Geological Survey
Roswell, New Mexico

Commissioner of Public Lands
Santa Fe, New Mexico

C
O
P
Y

PAN AMERICAN PETROLEUM CORPORATION

P. O. Box 480, Farmington, New Mexico
August 28, 1962

File: N-767-416

Subject: Plan of Operation
Southeast Cha Cha Unit

Director
United States Geological Survey
P. O. Drawer 1857
Roswell, New Mexico

Oil Conservation Commission
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

Commissioner of Public Lands
State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

All Working Interest Owners
Southeast Cha Cha Unit
(See Attached Addressee List)

Gentlemen:

Pursuant to Section 11 of the Unit Agreement for the Southeast Cha Cha Unit, Pan American Petroleum Corporation, as Unit Operator, respectfully submits for your approval the Plan of Operation for the Southeast Cha Cha Unit.

This Plan of Operation will consist of the following points:

1. The Southeast Cha Cha Unit plans to start a Pressure Maintenance Project by water injection within the Unit Area at the earliest possible date.
2. In connection with this project the following wells will be converted from a producing status to a water injection status:
 - (a) Southeast Cha Cha Unit Well No. 12
 - (b) Southeast Cha Cha Unit Well No. 16
 - (c) Southeast Cha Cha Unit Well No. 17
 - (d) Southeast Cha Cha Unit Well No. 22
 - (e) Southeast Cha Cha Unit Well No. 23
 - (f) Southeast Cha Cha Unit Well No. 29
3. These wells will be connected to a pipeline system whereby water for injection purposes can be supplied to these wells from a water supply in the northeast quarter of Section 16, T-28-N, R-13-W. These details are shown on the attached map of the Southeast Cha Cha Unit Area.
4. This Pressure Maintenance Project will be operated under the rules and regulations as set forth in the New Mexico Oil Conservation Commission Order No. R-2214.

Director, U.S.G.S.
Commissioner of Public Lands
Oil Conservation Commission
All Working Interest Owners

-2-

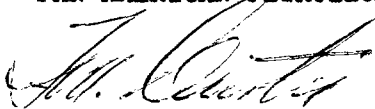
August 28, 1962
File: N-767-416
Subject: Plan of Operation
Southeast Cha Cha Unit

5. As soon as the necessary border agreements are negotiated as provided for in Section 32 of the Unit Agreement, this Pressure Maintenance Project will be expanded to include the entire unit. This will entail converting other producing wells to injection wells, however, the exact wells to be converted are not known at this time.

This Plan of Operation will be effective through December 31, 1962. Prior to that time another Plan of Operation will be submitted for your approval which will be effective through the year 1963.

Yours very truly,


PAN AMERICAN PETROLEUM CORPORATION


T. M. Curtis
District Superintendent

DJR:en
Attach.

Approved: _____ Date: _____
Director, United States Geological Survey
(Subject to like approval by appropriate
State Officials)

Approved: _____ Date: _____
Commissioner of Public Lands
(Subject to like approval by U.S.G.S. and
Oil Conservation Commission)

Approved:  _____ Date: 8-31-62
Oil Conservation Commission
(Subject to like approval by U.S.G.S. and
Commissioner of Public Lands)

SOUTHEAST CHA CHA UNIT MAILING LIST
WORKING INTEREST OWNERS
SAN JUAN COUNTY, NEW MEXICO

Aspen Crude Purchasing Company P. O. Box 2060 Farmington, New Mexico Attn: Mr. W. R. Johnston	(2)	Humble Oil & Refining Company P. O. Box 3082 Durango, Colorado Attn: Mr. B. M. Bradley Mr. D. V. Emery	(2)
Aspen Drilling Company P. O. Box 2060 Farmington, New Mexico	(1)	Marine Drilling, Inc. 1126 Mercantile Securities Building Dallas 1, Texas	(1)
Aztec Oil & Gas Company 920 Mercantile Securities Building Dallas, Texas Attn: Mr. Prentice Watts	(2)	Southern Union Production Company Fidelity Union Tower Dallas, Texas Attn: Mr. A. M. Wiederkehr	(1)
Aztec Oil & Gas Company P. O. Drawer 570 Farmington, New Mexico Attn: Mr. Joe Salmon	(1)	Southern Union Production Company P. O. Box 808 Farmington, New Mexico Attn: Mr. L. S. Muennink	(1)
Benson-Montin-Greer Drlg. Corp. 158 Petroleum Center Building Farmington, New Mexico Attn: Mr. A. R. Greer	(3)	Mr. Warren Shear P. O. Box 807 Duncan, Oklahoma	(1)
Bonanza Oil Corporation 1416 Commerce Building Dallas 1, Texas Attn: Mr. J. E. Leonard	(1)	Texaco Inc. P. O. Box 2100 Denver 1, Colorado Attn: Mr. J. F. Neill	(1)
Delta Development Ltd. Partnership 640 Mercantile Continental Building Dallas 1, Texas Attn: Mr. Ralph J. Shapiro Mr. J. A. Urice	(2)	Texaco, Inc. P. O. Box 810 Farmington, New Mexico Attn: Mr. C. P. Farmer	(2)
D. W. Falls, Inc. P. O. Box 95 Albuquerque, New Mexico	(1)	Gas Producers Corporation 1201 Main Street Dallas, Texas Attn: Mr. L. R. Spence	(1)
Humble Oil & Refining Company P. O. Box 120 Denver, Colorado Attn: Mr. J. Roy Dorrrough Mr. J. A. Kelley	(2)		