



June 28, 1995

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P.O. Box 6429
Santa Fe, NM 87505

Southern

Rockies

Business

Unit

**Application for Exception to Rule 303-A- Surface Commingling
Atlantic A LS 9A Well
1185' FNL & 1575' FWL, Unit C Section 27-T31N-R10W
Blanco Mesaverde and Blanco Pictured Cliffs Pools
San Juan County, New Mexico**

RECEIVED
JUL - 3 1995

OIL CON. DIV.
DIST. 3

Amoco Production Company hereby requests administrative approval to surface commingle production from the Atlantic A LS 9A well completed in the Blanco Mesaverde and the Pictured Cliffs formations. This well is currently completed as a dual well and if the two horizons were surface commingled they could easily share common facilities. The ownership (WI, RI ORRI) of these pools is identical. Surface commingling will offer an economical method of production using a single train of production equipment to produce from both wells. The actual commercial value of the commingled production will not be less than the sum of the values of the production from each of the common sources of supply.

The Atlantic A LS 9A well (Mesaverde) is currently producing about 416 MCFD while the Pictured Cliffs is producing about 276 MCFD. Based on this we propose to allocate gas production 60% to the Mesaverde formation and 40% to the Pictured Cliffs formation in this well. The Pictured Cliffs formation has not historically produced condensate, and as such we propose to allocate liquid production 100% to the Mesaverde. This fluid has historically exhibited an API gravity of approximately 59 degrees.

Attached to aid in your review are plats showing the location and acreage dedicated to the well by formation, historical production and recent testing information, and a schematic of the proposed commingling installation. This spacing unit is on a federal lease NM-0606. A copy of the application will be sent to the BLM requesting their consent for the surface commingling.

Sincerely,

Pamela W. Staley

cc: Mike Kutas
Patty Haefle

Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

Duane Spencer
Bureau of Land Management
1235 La Plata Hwy
Farmington, NM 87401

992,100.78 FT. E
107° 53' 46" W

21

1 LAMB
WOOD RIVER OIL & REFINING
300451046200
MVRD

3 LAMB
WOOD RIVER OIL & REFINING
300451060900
MVRD

NO 6A
ATLANTIC
EL PASO NATURAL GAS CO
300452238800
PCCF, MVRD

5 ATLANTIC
EL PASO NATURAL GAS
300451048600
MVRD

5R ATLANTIC
MERIDIAN OIL INC
300452893300
MVRD

5-A ATLANTIC
EL PASO NATURAL GAS
300452242800
PCCF, MVRD

8-A ATLANTIC COM-B
EL PASO NATURAL GAS
300452225200
MVRD

7 ATLANTIC
EL PASO NATURAL GAS
300451058300
MVRD

8 ATLANTIC COM B
EL PASO NATURAL GAS
300451046500
MVRD

3A ATLANTIC A
EL PASO NATURAL GAS
300452250700
MVRD, MVRD, FRLD

2-9 ATLANTIC
DELHI TAYLOR OIL
300451036300
MVRD

9-A ATLANTIC-A
EL PASO NATURAL GAS
300452249200
PCCF, MVRD, MVRD

1A ATLANTIC
EL PASO NATURAL GAS
300451028100
MVRD

6-A ATLANTIC-A
EL PASO NATURAL GAS
300452287800
PCCF, MVRD

6 ATLANTIC A LS
TENNECO OIL
300451036601
MVRD

6A ATLANTIC
EL PASO NATURAL GAS
300451036600
MVRD

3A ATLANTIC
DELHI TAYLOR OIL
300451024200
MVRD

2-A ATLANTIC-A
EL PASO NATURAL GAS
300452299300
MVRD

9A ATLANTIC
EL PASO NATURAL GAS
300451026200
MVRD

1-A ATLANTIC-A
EL PASO NATURAL GAS
300452288000
MVRD

5 ATLANTIC A
EL PASO NATURAL GAS
300451028000
MVRD

1-B ATLANTIC
EL PASO NATURAL GAS
300451017900
MVRD

6-A ATLANTIC-B
EL PASO NATURAL GAS
300452299400
PCCF, MVRD

6 ATLANTIC B
EL PASO NATURAL GAS
300451004700
MVRD

1-A ATLANTIC-B
EL PASO NATURAL GAS
300452299500
MVRD

9 ATLANTIC B
EL PASO NATURAL GAS
300451007200
MVRD

9-A ATLANTIC-B
EL PASO NATURAL GAS
300452297700
PCCF, MVRD

1-C ATLANTIC
EL PASO NATURAL GAS
300451007500
MVRD

NO 1A
ATLANTIC C WELL
EL PASO NATURAL GAS CO
300452273200
PCCF, MVRD

2 ATLANTIC C
EL PASO NATURAL GAS
300451017800
MVRD

31N-10W

SAN JUAN

30N-10W

36° 50' 51" N
13,383,857.37 FT. N

36° 50' 51" N
13,383,857.37 FT. N

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AMOCO PRODUCTION COMPANY
PLAT MAP
Atlantic A LS 9A
Mesaverde

SCALE 1 IN. = 2,000 FT. MAY 19, 1995

POLYCONIC CENTRAL MERIDIAN - 107° 52' 9" W LON
SPHEROID - 6

992,100.78 FT. E
107° 53' 46" W

4
LAMBE
KOCH INDUSTRIES
300452189800
PCCF

8
LAMBE
KOCH INDUSTRIES
300452195300
PCCF

NO 6A
ATLANTIC
EL PASO NATURAL GAS CO
300452238800
PCCF ,MVRD

NO 9
ATLANTIC
EL PASO NATURAL GAS CO
300452279900
PCCF

NO 11
ATLANTIC COM D
EL PASO NATURAL GAS CO
300452272900
PCCF

21

7
LAMBE
KOCH INDUSTRIES
300452190100
PCCF



NO 6
SUNRAY
EL PASO NATURAL GAS CO
300452406900
PCCF



18
ATLANTIC
EL PASO NATURAL GAS
300452317200
PCCF



5-A
ATLANTIC
EL PASO NATURAL GAS
300452242800
PCCF ,MVRD



12
ATLANTIC
EL PASO NATURAL GAS
300452343100
PCCF



NO 13
ATLANTIC
EL PASO NATURAL GAS CO
300452328300
PCCF



NO 15
ATLANTIC A
EL PASO NATURAL GAS CO
300452426400
PCCF



9-A
ATLANTIC-A
EL PASO NATURAL GAS
300452249200
PCCF ,MVRD ,MVRD



19
ATLANTIC A 19
TENNECO OIL CO
300452678900
PCCF



6-A
ATLANTIC-A
EL PASO NATURAL GAS
300452287800
PCCF ,MVRD



18
ATLANTIC-A
EL PASO NATURAL GAS
300452322800
PCCF



NO 17
ATLANTIC-A
EL PASO NATURAL GAS CO
300452328000
PCCF



5-A
ATLANTIC-A
EL PASO NATURAL GAS
300452287800
PCCF ,MVRD ,MVRD



6-A
ATLANTIC-B
EL PASO NATURAL GAS
300452299400
PCCF ,MVRD



NO 25
ATLANTIC B
EL PASO NATURAL GAS CO
300452414400
PCCF



18
ATLANTIC-B
EL PASO NATURAL GAS
300452278000
PCCF



17
ATLANTIC-C
EL PASO NATURAL GAS
300452343200
PCCF

33



NO 20
ATLANTIC B
EL PASO NATURAL GAS CO
300452349600
PCCF



26
ATLANTIC-B
EL PASO NATURAL GAS
300452304400
PCCF



9-A
ATLANTIC-B
EL PASO NATURAL GAS
300452297700
PCCF ,MVRD

NO 13
ATLANTIC C
EL PASO NATURAL GAS CO
300452126900
PCCF



NO 10
ATLANTIC C
EL PASO NATURAL GAS CO
300452088900
PCCF



36° 50' 51" N
13,383,857.37 FT. N

36° 50' 51" N
13,383,857.37 FT. N

SAN JUAN
31N-10W

30N-10W

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POLYCONIC CENTRAL MERIDIAN - 107° 52' 9" W LON
SPHEROID - 6

AMOCO PRODUCTION COMPANY
PLAT MAP
Atlantic A LS 9A
Pictured Cliffs

SCALE 1 IN. = 2,000 FT. MAY 19, 1995

All distances must be from the outer boundaries of the Section.

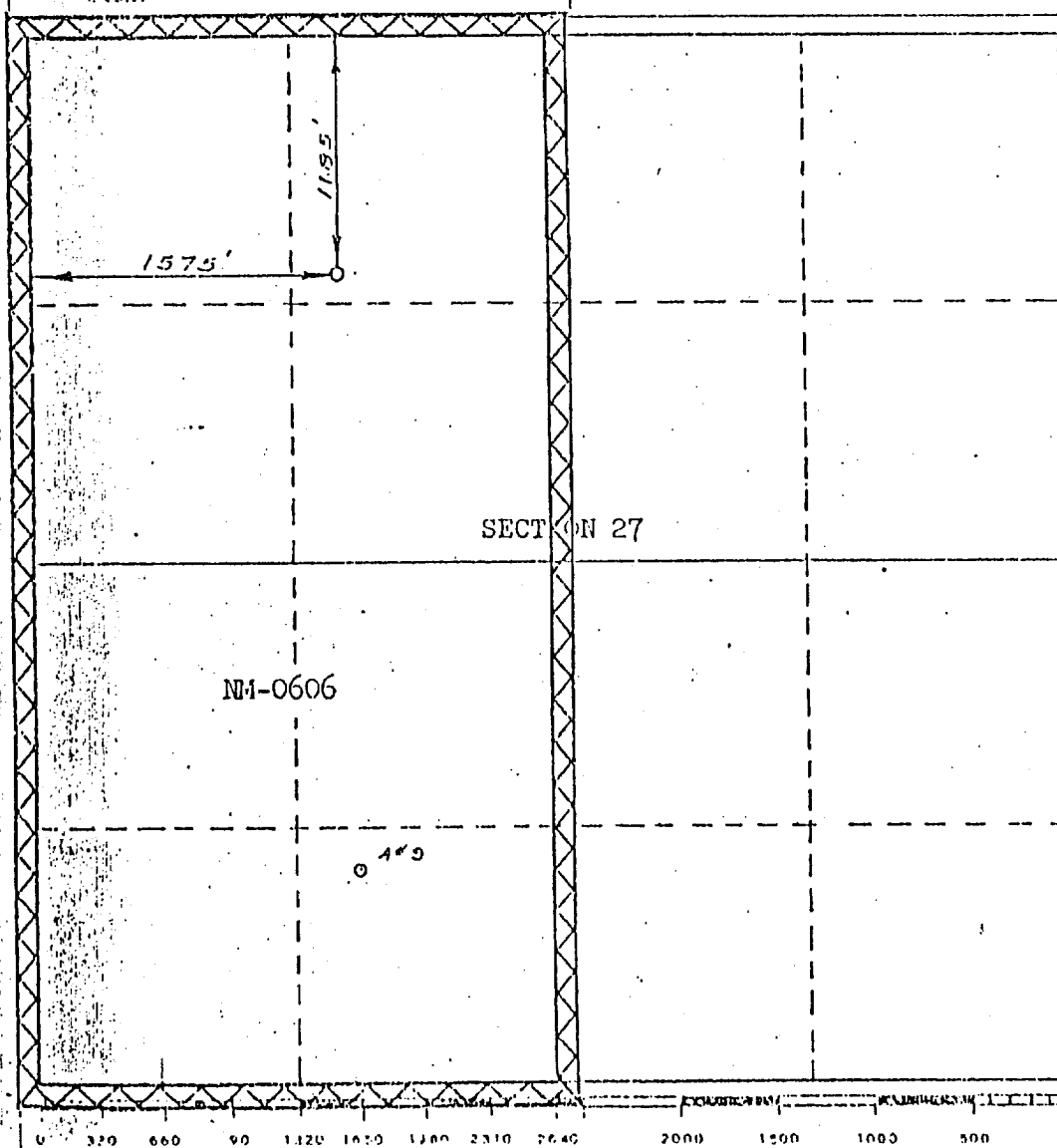
Owner EL PASO NATURAL GAS COMPANY			Lease ATLANTIC A (NM-0606)		Well No. 9A
Unit Letter C	Section 27	Township 31-N	Range 10-W	County SAN JUAN	
Actual Location Location of Well: 1185 feet from the NORTH line and 1575 feet from the WEST line					
Ground Level Elev. 6144	Producing Formation MESA VERDE		Pool BIANCO MESA VERDE		Dedicated Acreage: 322.90 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

A. G. Sisco

Name

Drilling Clerk

Position

El Paso Natural Gas Company

Company

April 11, 1977

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

MARCH 29, 1977

Registered Professional Engineer and/or Land Surveyor

David W. Wilson

Certificate No.

1760

All dimensions must be from the outer boundaries of the Sec.

Operator EL PASO NATURAL GAS COMPANY			Lease ATLANTIC A (RM-0606)		Well No. 9A
Unit Letter C	Section 27	Township 31-N	Range 10-W	County SAN JUAN	

Actual Footage Location of Well:

1185 feet from the NORTH line and 1575 feet from the WEST line

Ground Level Elev. 6144	Producing Formation MESA VERDE - PICTURED CLIFFS	Pool BLANCO PICTURED CLIFFS BLANCO MESA VERDE	Dedicated Acreage: 163.50 & 322.90 Acres
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- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

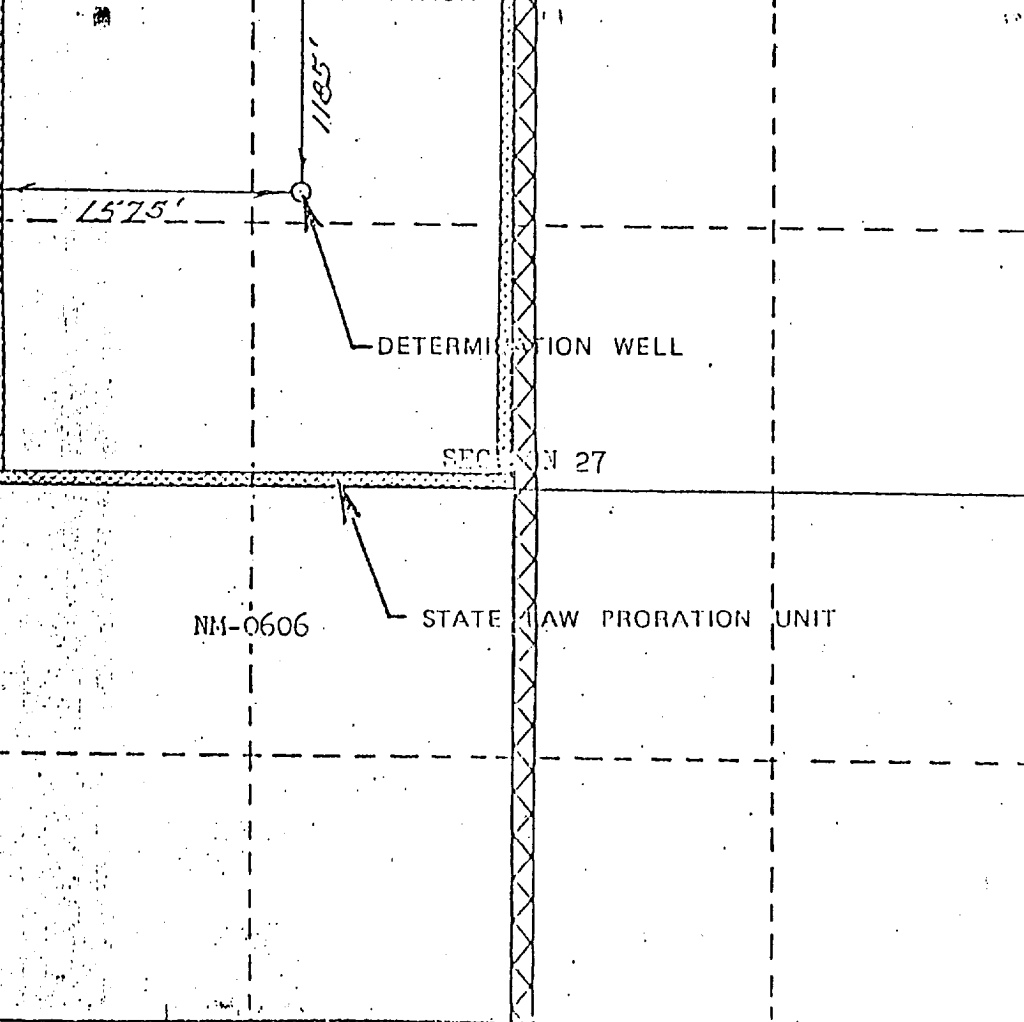
☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

NOTE: THIS PLAT IS REISSUED TO SHOW DUAL COMPLETION. 2-22-80

PICTURED CLIFFS DETERMINATION



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

D. H. Lisco
Drilling Clerk

El Paso Natural Gas Co.

February 29, 1980

Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

MARCH 29, 1977

Registered Professional Engineer
and/or Land Surveyor

Original Signed By:
David O. Vilven

Plat No. 1750

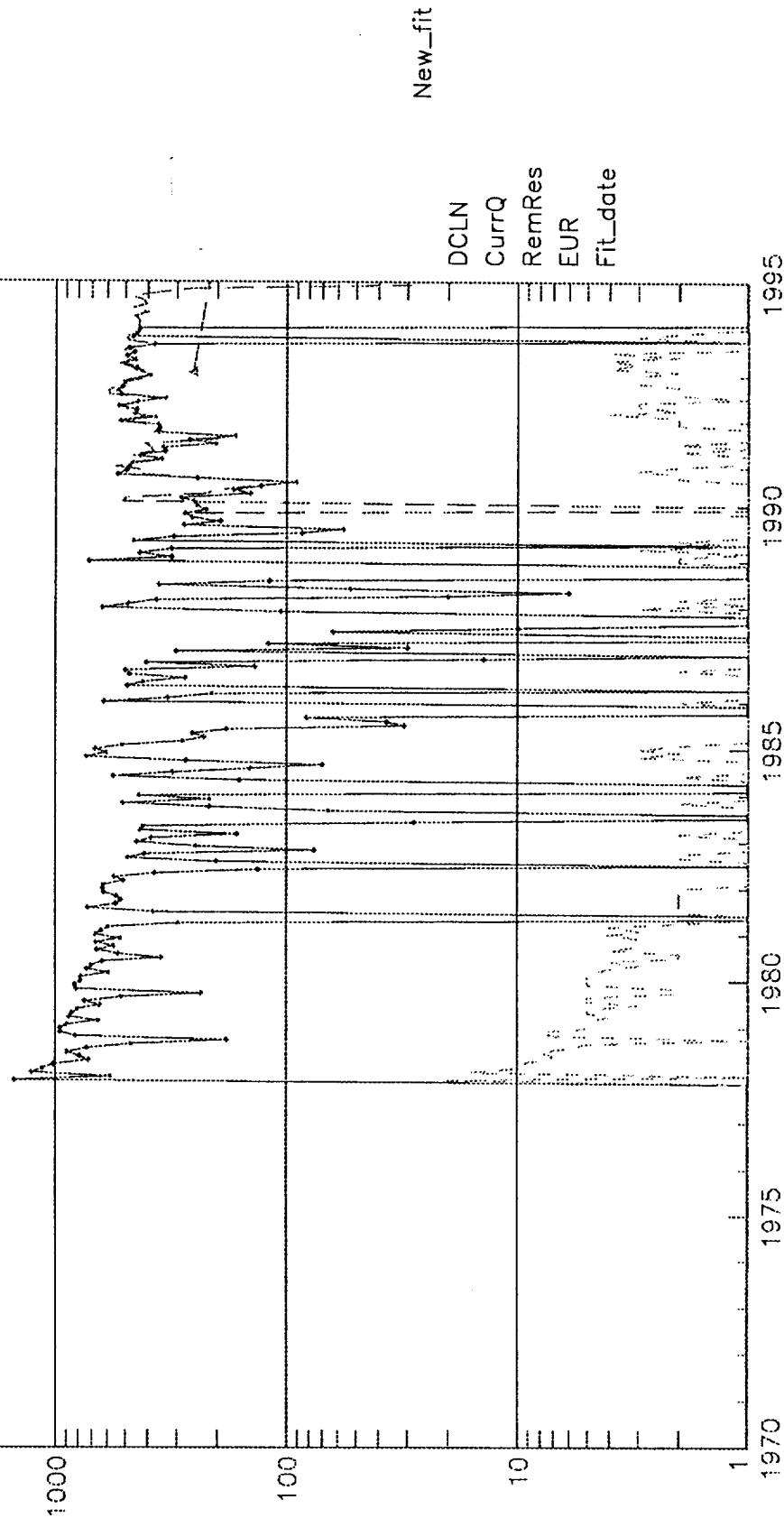
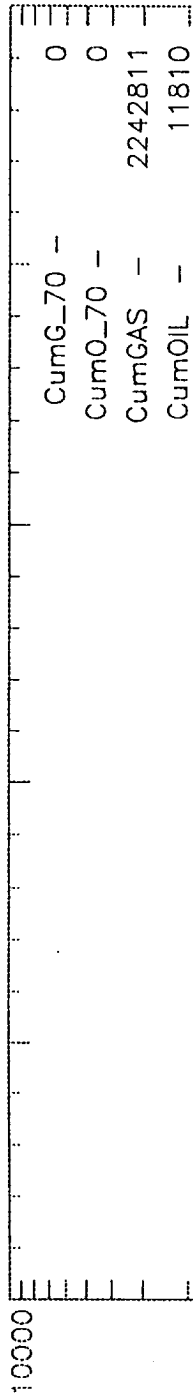
ATLANTIC A LS 9A

Operator— AMOCO PRODUCTION CO

300452249200MV

C273110—009AMV

APC_WI — 0.25000000



Engr: zrar06

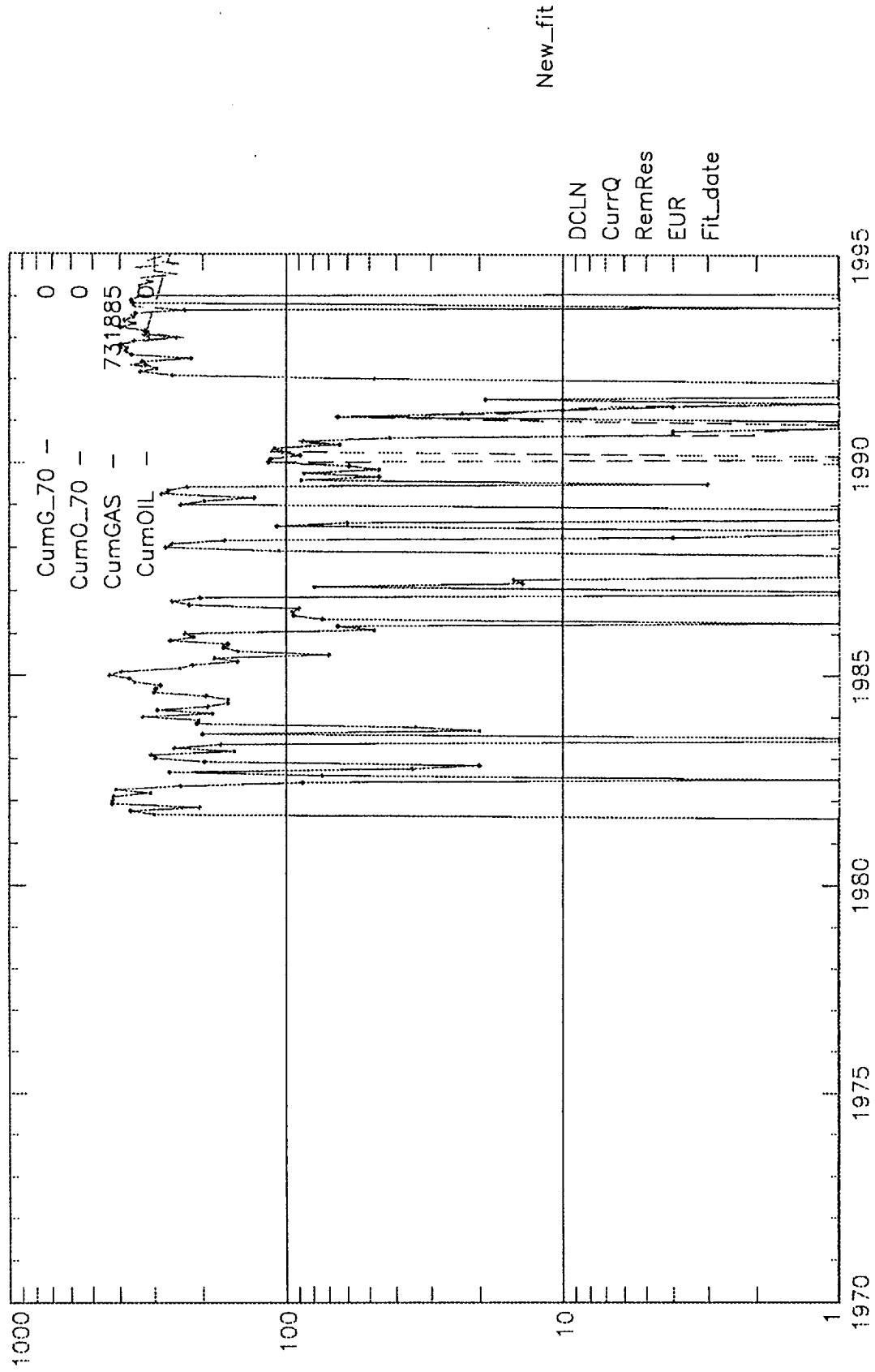
ATLANTIC A LS 9A

Operator-- AMOCO PRODUCTION CO

300452249200PC

C273110-009APC

APC_WI - 0.25000000



RECENT PRODUCTION INFORMATION

Atlantic A LS 9A Well

1185' FNL & 1575' FWL, Unit C Section 27-T31N-R10W

	<u>MESAVERDE</u>	<u>PICTURED CLIFFS</u>
	<u>MCFD</u>	<u>MCFD</u>
<u>Nov-94</u>	416	286
<u>Dec-94</u>	450	297
<u>Jan-95</u>	412	273
<u>Feb-95</u>	429	274
<u>Mar-95</u>	358	220
<u>Apr-95</u>	407	261
<u>May-95</u>	407	258

AMOCO PRODUCTION COMPANY
SAN JUAN OPERATIONS CENTER
FARMINGTON, NM

ONSHORE FEDERAL AND INDIAN
SITE FACILITY DIAGRAM

LEASE NAME & WELL NUMBER Atlantic ALS 9A (PC & MV)

LEASE NUMBER _____

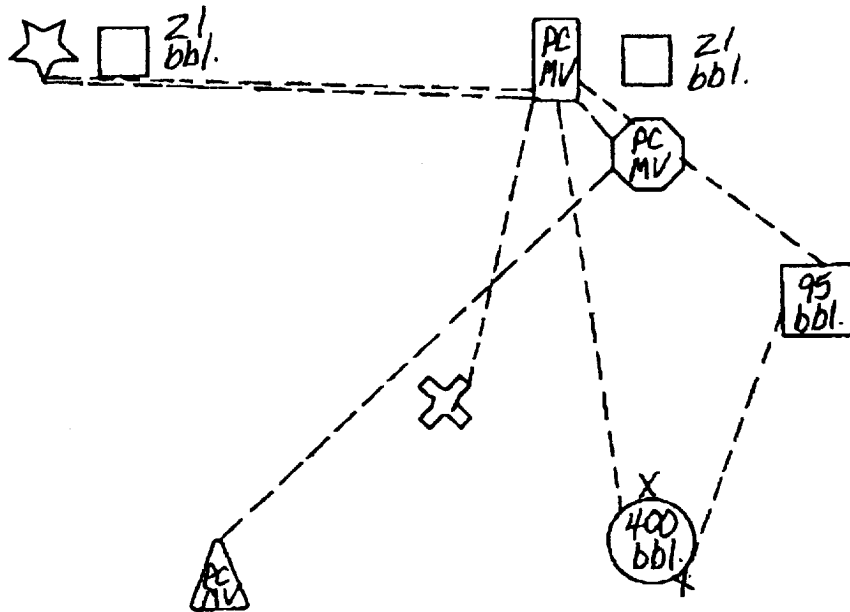
COMMUNITIZATION NUMBER _____

LOCATION Unit C SEC 27 T 31-N R 10-W

This diagram subject to site security plan _____

Sealed valves are normally closed during production phase. Drain line valve to pit open to draw off water and load line valve open to sell condensate.

Proposed Location



- ☆ Compressor
- ✕ Wellhead
- Production Unit
- Storage Tank
- ⬡ Dehydrator
- △ Meter Run
- Pit
- ✕ Sealed Valves