District I

District II

District III District IV

1220 S. St. Francis Dr., S

State of New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

Form C-107A Revised May 15, 2000

APPLICATION TYPE

X Single Well

APPLICATION FOR DOWNHOLE COMMINGLING

_Establish Pr	e-Appro	ved Bols
EXISTI	NG WE	LLBORE
x	Yes	No

	P.O. BOX 14738		87191-4338				
SULLIVAN		lress -29N–11W	SAN JUAN				
Lease	Well No. Unit Letter-	Section-Township-Range	County				
OGRID No. 006834 Property Co	odeAPI No.30-0	145–23354 Lease Type:	FederalState X Fee				
DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE				
Pool Name	Aztec Fruitland		Aztec P.C.				
Pool Code	71200		71280				
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1486' - 1512'		1702' - 1734'				
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing				
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)							
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1150		1150				
Producing, Shut-In or New Zone Date and Oil Con/Water Potes of	Producing		Producing				
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production	Date: 2/2002	Date:	Date: 2/2002				
estimates and supporting data.)	Rates: 13 MCFD	Rates:	Rates: 4 MCFD				
Fixed Allocation Percentage (Note: If allocation is based upon something other	Oil Gas	Oil Gas	Oil Gas				
than current or past production, supporting data or explanation will be required.)	% 76 %	% %	% 24 %				
	ADDITION	NAL DATA		•			
Are all working, royalty and overriding If not, have all working, royalty and over			Yes No Yes No				
Are all produced fluids from all commir	ngled zones compatible with each o	ther?	Yes_ X No				
Will commingling decrease the value of			Yes No X				
If this well is on, or communitized with, or the United States Bureau of Land Ma			Yes No				
NMOCD Reference Case No. applicable	e to this well:		-	9,18,505,05			
Attachments: C-102 for each zone to be commingle Production curve for each zone for a For zones with no production history Data to support allocation method o Notification list of working, royalty Any additional statements, data or descriptions.	at least one year. (If not available, a y, estimated production rates and su r formula. and overriding royalty interests for	attach explanation.) upporting data. r uncommon interest cases.	ill be required:				
	PRE-APPRO	VED POOLS	FOR				
If application is t	to establish Pre-Approved Pools, th	e following additional information w	ill be required:	S. D. E. Tolin			
List of other orders approving downhole commingling within the proposed Pre-Approved Pools List of all operators within the proposed Pre-Approved Pools Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application. Bottomhole pressure data.							
I hereby certify that the information	above is true and complete to	the best of my knowledge and be	elief.				
SIGNATURE Doug D	Quanthal TITLE_	Agent	DATE 1/21/03	- \ /			
TYPE OR PRINT NAME Dan	a Delventhal	TELEPHONE NO. (505 ₎ 326–4125				

No order inplace 1-31-03

District I P. O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised February 21, 1994

State Lease - 4 Copies

Fee Lease - 3 Copies

Instructions on back Submit to Appropriate District Office

District II P.O. Drawer DD, Artesia, NM 88211-0719

P.O. Box 2088, Santa Fe, NM 87504-2088

1000 Rio Brazos RD., Aztec, NM 87410 District IV

OIL CONSERVATION DIVISION P.O. Box 2088 Santa Fe, NM 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code 3 Pool Name					
30-045-23354	71200 / 71280	/1200 / 71280 Aztec Fruitland Sand / Aztec Pictured Cli				
4 Property Code	5 Property Name		6 Well Number			
		Sullivan				
7 OGRID No.	8 Operator Name		9 Elevation			
006834		5466' GL				

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	25	29N	11W		1650	North	1580	East	San Juan

Bottom Hole Location If Different From Surface

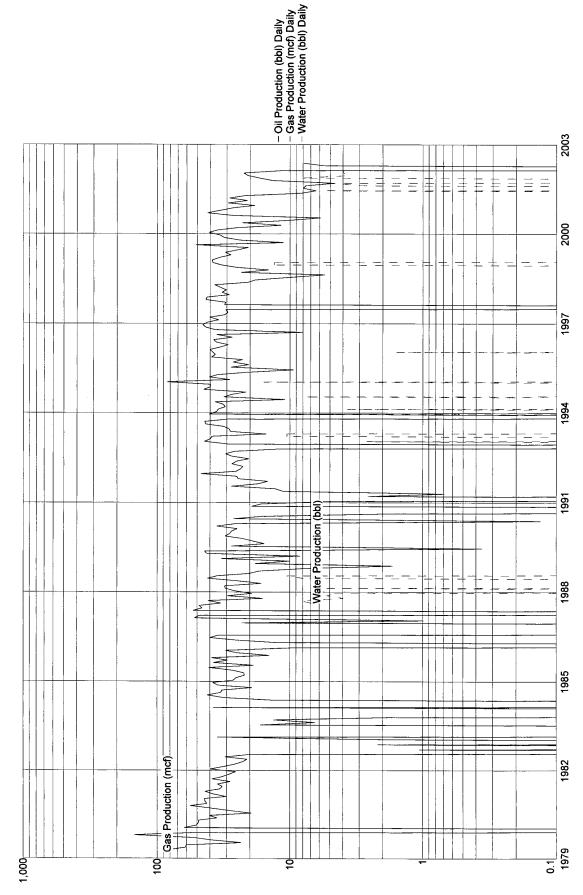
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated 160 / 1 6		13 Joint or Infill	14 Consolidat	ion Code	15 Order No.				

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16	1650		Aztec Aztec	Fruitted P.C.	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief
	F	· ee	Leas	1580'	Signature Printed Name Dana L. Delventhal Title Agent Date
					21-Jan-03 18 SURVEYOR CERTIFICATION 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 belief.
					Date of Survey Signature and Seal Professional Surveyor: Certificate Number

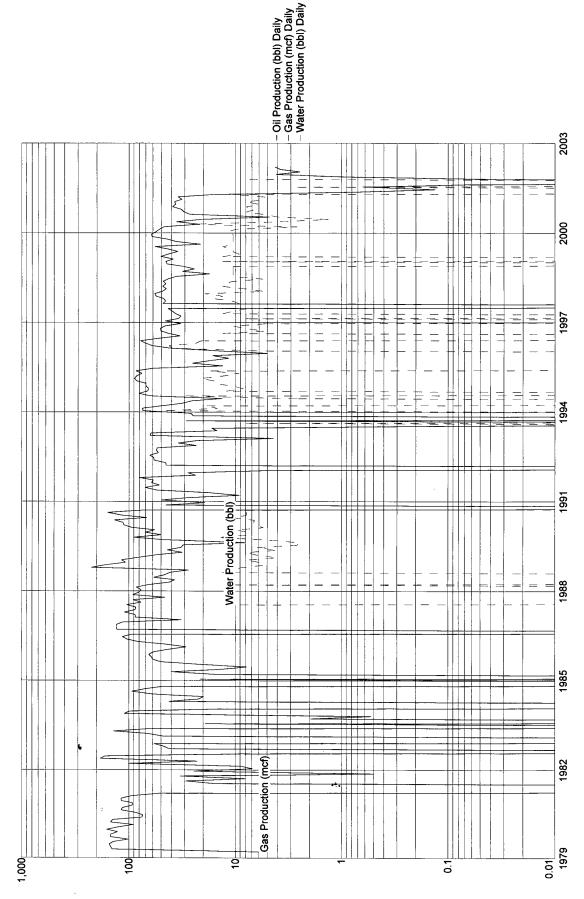
Lease Name: SULLIVAN
County, State: SAN JUAN, NM
Operator: EL PAMCO INCORPORATED
Field: AZTEC
Reservoir: FRUITLAND
Location: 25 29N 11W NE SW NE

SULLIVAN - AZTEC



Lease Name: SULLIVAN
County, State: SAN JUAN, NM
Operator: EL PAMCO INCORPORATED
Field: AZTEC
Reservoir: PICTURED CLIFFS
Location: 25 29N 11W NE SW NE

SULLIVAN - AZTEC



Production Rates