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[2]	NOTIFICA	<b>FION REQUIR</b>	RED TO:	- Check Th	ose Whic	ch Apply, or	Does 1	Not Apply
<b>L</b> _J		_ Working, R						11.2
	[B]	_ Offset Oper	ators, Lea	seholders o	r Surface	e Owner		
	[C]	_ Application	is One W	hich Requi	res Publi	shed Legal N	Notice	
	[D]	X_ Notificati U.S. Bureau o				al by BLM o Lands, State Land		
	[E]	_ For all of th	e above, I	Proof of No	tification	or Publicati	on is Att	ached, and/or,
	<b>[</b> F]	_ Waivers are	Attached	l				
[3]	INFORMAT	TION / DATA S	SUBMIT	FED IS CO	MPLET	TE - Stateme	ent of Un	derstanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

J W Hawkins	Ad	,  }
Print or Type Name	$\overline{D}$	5

Regulatory Affairs Engineer5/6/99TitleDate

#### **Amoco Production Company**

BP Amoco Western Gas Business Unit Post Office Box 3092 Houston, TX 77253-3092

May 6, 1999

.

Ms. Lori Wrotenbery, Director New Mexico Oil Conservation Division 2040 S. Pacheco Street P. O. Box 6429 Santa Fe, NM 87505

Application for Exception to Rule 303-A- Downhole Commingling A.L. Elliott A #4 Unit F Section 11-T29N-R09W Blanco Mesaverde and Basin Dakota Pools San Juan County, New Mexico

Enclosed please find an administrative application form (C-107-A) and attachments for downhole commingling for the captioned well. Amoco is the only offset operator in the formations captioned and all affected interest ownership is common. The Division Director may approve the proposed downhole commingling in the absence of a valid objection from any offset operator or any interest owner in those instances where ownership is not common in the zones to be commingled within 20 days after the receipt of the application if, in her opinion, waste will not result thereby, and correlative rights will not be violated.

Should you have questions regarding this application, do not hesitate to call me at (281) 366-5450.

Sincerely,

opavolins

J W (Bill) Hawkins Enclosures

cc: James Dean Mary Corley Wellfile Proration File Frank Chavez, Supervisor NMOCD District III 1000 Rio Brazos Road Aztec, NM 87410

TYPE OR PRINT NAME JW Hawkins

٠.

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

# OFFSET OPERATORS A.L. Elliott A #4

Amoco is the only offset operator to this well in all surrounding sections.

## <u>Production Allocation Recommendation</u> A.L. Elliott A #4

Since all ownership is common, production is proposed to be allocated using fixed percentages based on estimated offset production from the Mesaverde and previous production capability of the Basin Dakota.

13. Will the value of production be decreased by commingling?Yesx	_ No	If Yes, attach explanatio	n)	
14. If this well is on, or communitized with, state or federal lands, either the Con has been notified in writing of this application	nmissioner of Pul No SF-078		States Bur	eau of Land Management
15. NMOCD Reference Cases for Rule 303(D) Exceptions:	ORDER NO(S).			
<ul> <li>16. ATTACHMENTS:</li> <li>* C-102 for each zone to be commingled showing its spacing unit ar</li> <li>* Production curve for each zone for at least one year. (If not availa</li> <li>* For zones with no production history, estimated production rates a</li> <li>* Data to support allocation method or formula. SEE ATTACHED</li> <li>* Notification list of all offset operators.</li> <li>* Notification list of working, overriding, and royalty interests for unce</li> <li>* Any additional statements, data, or documents required to support</li> </ul>	ible, attach explai ind supporting da ommon interest c	nation.) ta.		
I hereby certify that the information above is true and complete to the best of my	y knowledge and	belief.		
SIGNATURE AN HAWKLUS	TITLE Regu	latory Affairs Engr.	DATE	5/6/99

\_x\_\_ Yes \_\_\_ No

TELEPHONE NO. ( \_\_\_\_\_\_ ) \_\_\_\_\_\_ 366-5450

### State of New Mexico Energy, Minerals and Natural Resources Department **OIL CONSERVATION DIVISION**

APPROVAL PROCESS:

Form C-107-A

New 3-12-96

DISTRICT II

•

811 South First St., Artesia , NM 88210-2835

1000 Rio Brazos Rd. Aztec, NM 87410-1693

DISTRICT III

Lea

### 2040 S. Pacheco

Santa Fe, New Mexico 87505-6429

EXISTING WELLBORE

## APPLICATION FOR DOWNHOLE COMMINGLING

acco Production Company A Ор

P	O Box 3	092 H	ouston	TX	77253	3-3092

Amoco Production Comp	any	FO BOX SUBZ HOUSION	, 17/1203-3092
Operator		Address	
A. L Elliott A	4	F 11-29N-09W	San Juan
Lease	Well No.	Unit Ltr Sec Two - Rge	County
			Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 000778 Property Code	000459 API NO. 3004523	330900 Federal >	( , State , (and/or) Fee x
The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesaverde 72319		Basin Dakota 71599
2. Top and Bottom of Pay Section (Perforations)	4184'-4900' est.		6927'-7109'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current	564 psig (est) (Current) a.	a.	866 psig a.
Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	1181 psig (est) (Original) b.	b.	1438 psig b.
6. Oil Gravity (° API) or Gas BTU Content	1280 btu		1180 btu
7. Producing or Shut-In?	New zone		Producing
Production Marginal? (yes or no)	NO		YES
If Shut-In, give data and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	1100 MCFD (est) Date: 5 BCPD Rates: 0 BWPD	Date Rates:	Date Rates:
<ul> <li>If Producing, give date and oil/gas/water rates of recent test (within 60 days)</li> </ul>	Date: Rates:	Date: Rates:	Date: 162 MCFD Rates: 2.5 BCPD 0 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	<sup>Oil:</sup> 66 <sup>Gas</sup> 87 %	Oil: Gas %: %	Oil: 34 %: Gas 13 %

If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with 9. supporting data and/or explaining method and providing rate projections or other required data.

10.	Are all working, overriding, and royalty interests identical in all commingled zones?
	If not, have all working, overriding, and royalty interests been notified by certified mail?
	Have all offset operators been given written notice of the proposed downhole commingling?

Yes \_x\_ 11. Will cross-flow occur? \_ No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. \_x\_ Yes \_\_\_ No (If No, attach explanation)

\_x\_\_ Yes \_\_\_ No

- 12. Are all produced fluids from all commingled zones compatible with each other?
- 13. Will the value of production be decreased by commingling? \_\_\_\_\_Yes \_\_\_x\_No (If Yes, attach explanation)
- 14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the Untied States Bureau of Land Management has been notified in writing of this application. \_x\_Yes \_\_\_No SF-078132

ORDER NO(S).

15. NMOCD Reference Cases for Rule 303(D) Exceptions:

16. ATTACHMENTS:

- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- \* Production curve for each zone for at least one year. (If not available, attach explanation.) \* For zones with no production history, estimated production rates and supporting data.
- \* Data to support allocation method or formula. SEE ATTACHED \* Notification list of all offset operators.
- \* Notification list of working, overriding, and royalty interests for uncommon interest cases.
- \* Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the SIGNATURE	best of my knowleds	ge and belief.		
SIGNATURE		Regulatory Affairs Engr.	DATE	5/6/99
TYPE OR PRINT NAME JW Hawkins		TELEPHONE NO. ( _281	)	366-5450

x\_Administrative \_\_ Hearing

\_x\_YES \_\_NO

\_ Yes

× Yes

Yes \_

No

No

No

	HULL LUCATION A	ND ACREAGE DEDIC	ATION PLAT	): the office of the
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If answer is "no!" list th		criptions which have a	etually been consolidate	ed. (Use reverse side o
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District 1 PO Bax 1980, Hobbs, NM 82241-1980 District 11 811 South First, Artenia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

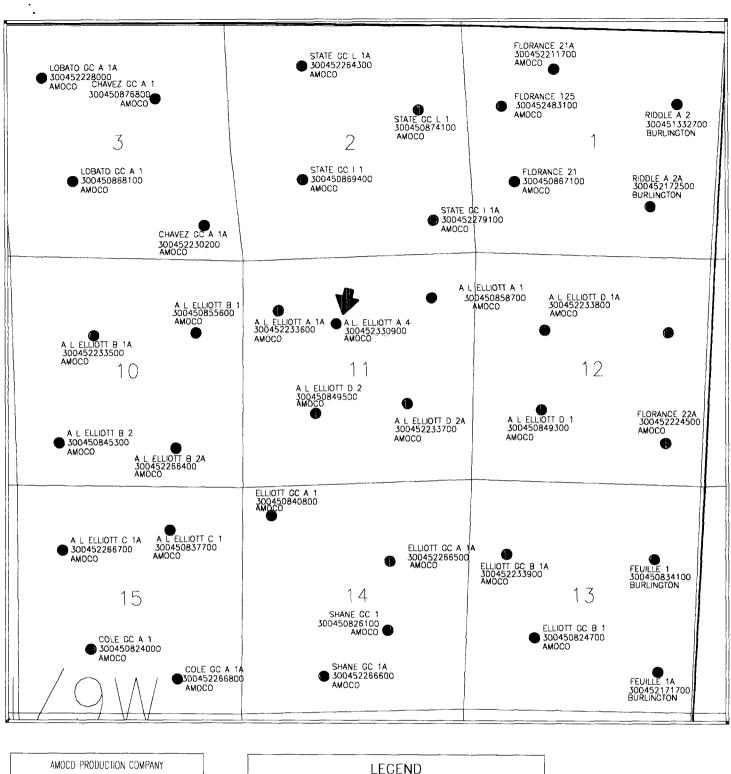
#### State of New Mexico Energy, Minerals & Natural Resources Department

### OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

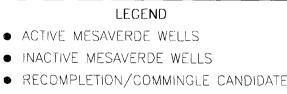
Form C-102 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copiec Fee Lease - 3 Copies

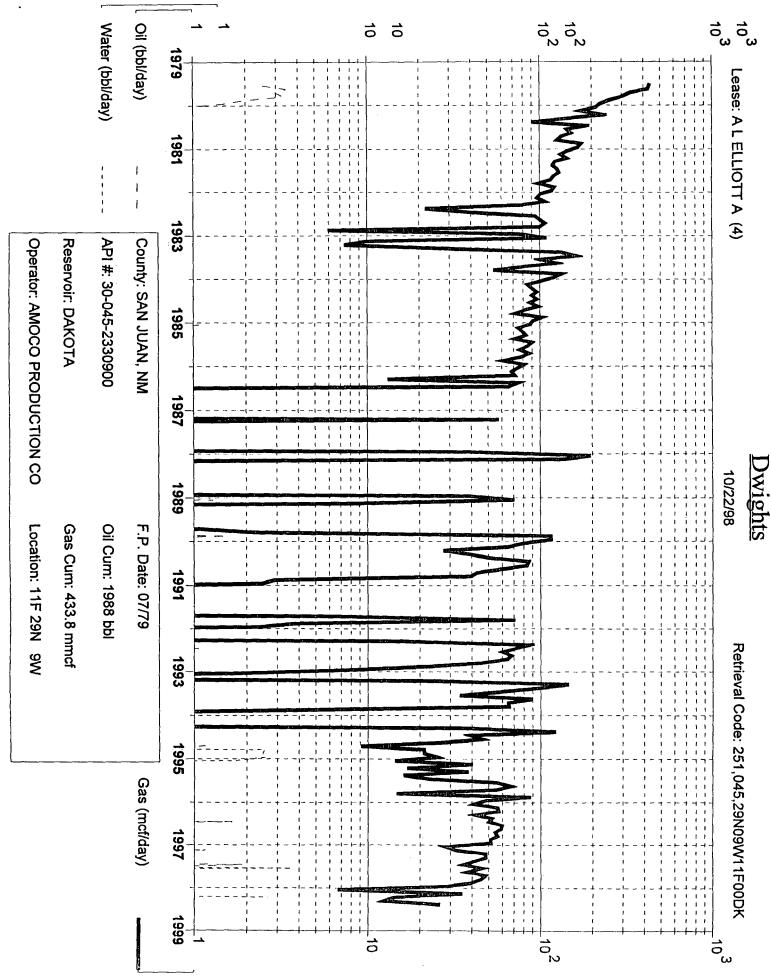
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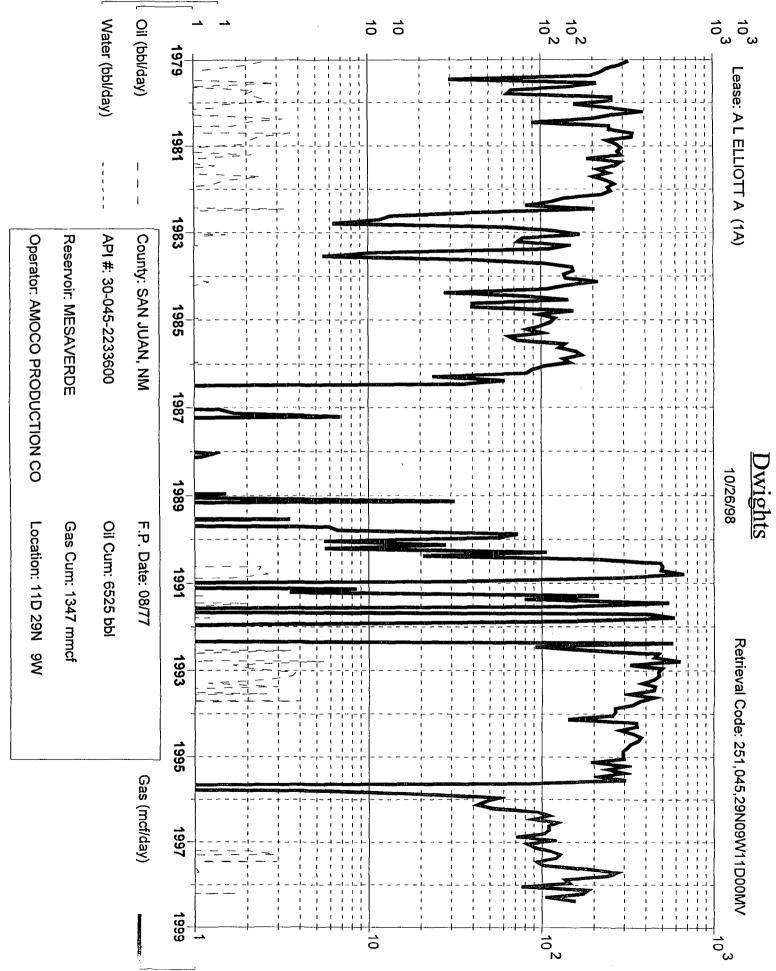
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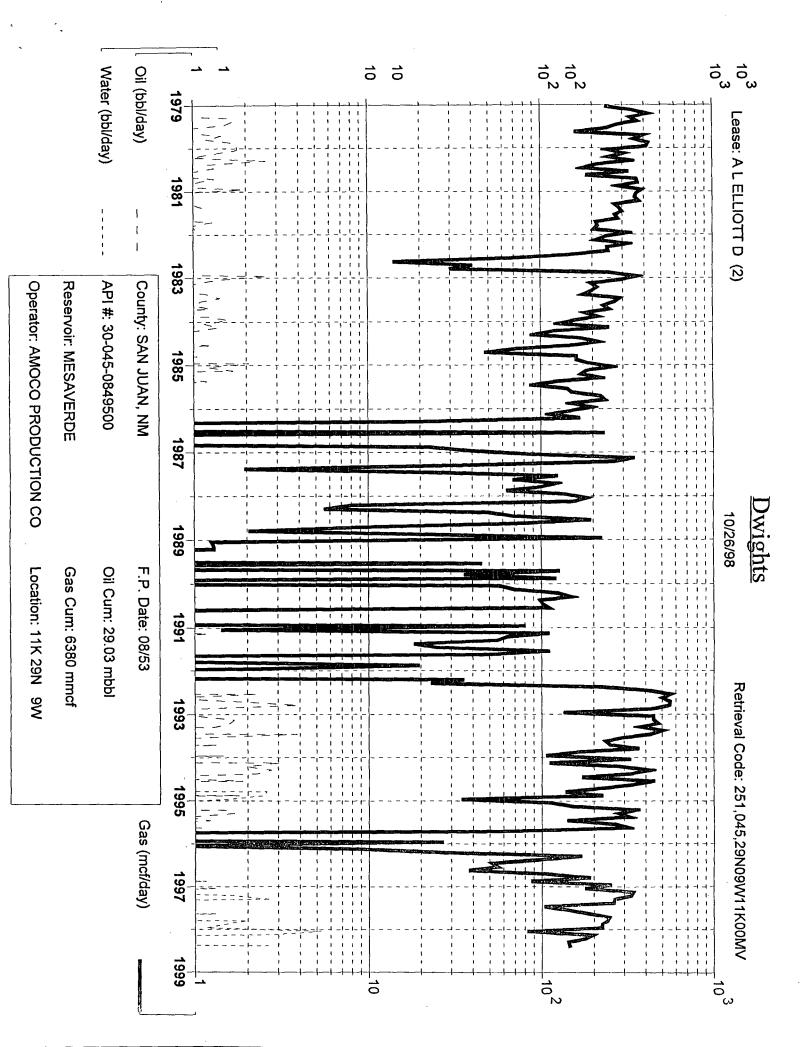








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	BOTTOM:	7100		7013.5 x	0.08 = 561
				561.08 +	305 = <b>866 Bottom Hole Pressur</b>
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