

Case 11645. **Application of Amoco Production Company for downhole commingling, San Juan County, New Mexico.** Applicant seeks approval to downhole commingle production from the Basin Dakota Pool and the Blanco Mesaverde Pool within the wellbore of its Stewart LS 6M well to be located 800 feet from the South line and 1165 feet from the East line (Lot 16) of Section 28, Township 30 North, Range 10 West. Said well is located approximately ___miles _____ of _____, New Mexico.

DHC

10/28/96



Southern

Rockies

Business

Unit

October 4, 1996

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

Case 11645

Application For Exception to Rule 303-A Downhole Commingling
Stewart LS 6M
Lot 16 Section 28-T30N-R10W
Blanco Mesaverde and Basin Dakota Pools
San Juan County, New Mexico

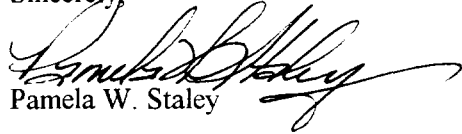
Amoco Production Company hereby makes application for exception to NMOCDD general Rule 303A to downhole commingle Dakota and Mesaverde production in the Stewart LS #6M well. The Stewart LS #6M is to be drilled at a location 800 FSL and 1165 FEL, Section 28, T30N-R10W, San Juan County, New Mexico.

In support of this application, Amoco states the following:

1. Amoco is the operator of the Dakota formation, Basin Dakota Pool underlying the E/2 Section 28, T30N-R10W, San Juan County, New Mexico currently dedicated to the Stewart LS #6M well.
2. Amoco is the operator of the Mesaverde formation, Blanco Mesaverde Pool underlying the E/2 Section 28, T30N-R10W, San Juan County, New Mexico currently dedicated to the Stewart LS #6M well.
3. The ownership (WI,RI,ORRI) of the Dakota Formation and Mesaverde formation which are proposed for commingling are common.
4. Production from both formations is anticipated to be marginal and the economic life of the production will be extended if these formations are downhole commingled.
5. Approval of this application will otherwise be in the best interest of conservation, the prevention of waste and the protection of correlative rights.

Amoco Production Company requests that this application be set for hearing before a duly appointed Examiner of the Oil Conservation Division on November 7, 1996. A copy of this application will be sent to each of the operators of spacing units offsetting the well and to the Bureau of Land Management by certified mail, return receipt requested. This well is located on Federal Lease No. NM-03566.

Sincerely,


Pamela W. Staley

Attachments

cc: 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

DISTRICT I

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-A

New 3-12-96

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

DISTRICT II

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

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

_ Administrative _X_ Hearing

DISTRICT III

1000 Rio Brazos Rd. Aztec, NM 87410-1693

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE

_ YES X_ NO

Amoco Production Company

P.O. Box 800 Denver, CO 80201

Operator

STEWART LS

6M

Address

LOT 16-SEC 28-T30N-R10W

San Juan

Lease

Well No.

Unit Ltr. - Sec Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 000778 Property Code NA API NO. 3004529380 Federal x State (and/or) Fee

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)	TO BE SUBMITTED AFTER COMPLETION EST DEPTH 4935'		TO BE SUBMITTED AFTER COMPLETION EST DEPTH 7070'
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 Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	a. (Current) TO BE SUBMITTED AFTER COMPLETION EST 1032 PSI b. (Original) 1293 PSI	a. b.	a. TO BE SUBMITTED AFTER COMPLETION EST 1835 PSI b. 2113 PSI
6. Oil Gravity (" API) or Gas BTU Content	1196 BTU		1122 BTU
7. Producing or Shut-In?	NEW		NEW
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	Date: Rates: 65 MCFD 0 BOPD EST FROM OFFSETS SEE ATTACHED	Date: Rates:	Date: Rates: 70 MCFD 0.5 BOPD EST FROM OFFSETS SEE ATTACHED

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code		5 Property Name STEWART LS			6 Well Number # 6M
7 OGRID No. 000778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6165

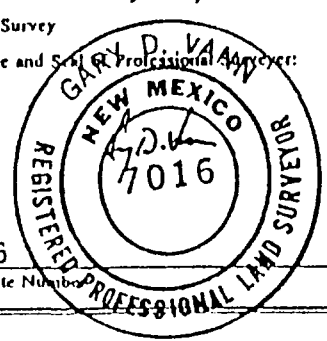
10 Surface Location

UL or lot no. Lot 16	Section 28	Township 30 N	Range 10 W	Lot Idn	Feet from the 800	North/South line SOUTH	Feet from the 1165	East/West line EAST	County SAN JUAN
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11 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 Acres 322.26		13 Joint or Infill		14 Consolidation 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				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Patty Haeefe Printed Name Staff Assistant Title 10/9/95 Date
				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. May 22, 1995 Date of Survey Signature and Seal of Professional Surveyor:  7016 Certificate Number

BLM RECORD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Grande Rd., Aztec, NM 87410
District IV
1040 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 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 AM Number		2 Pool Code 71599		3 Pool Name Basin Dakota	
4 Property Code		5 Property Name Stewart LS			6 Well Number 6M
7 OGRUD No. 000778		8 Operator Name Amoco Production Company			9 Elevation 6165

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Lot 16	28	30N	10W		800	South	1165	East	San Juan

11 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 Acres 322.26	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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					17 OPERATOR CERTIFICATION	
					I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
					Signature <u>Patty Haeefe</u>	
					Printed Name <u>Patty Haeefe</u>	
					Title <u>Staff Assistant</u>	
					Date <u>4/3/96</u>	
					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 <u>5/22/95</u>	
					Signature and Seal of Professional Surveyor:	
					Certificate Number <u>7016</u>	

1165'
500'

Stewart LS 6M						
Drilling location: SE28-T30N-R10W						
Commingling Information From Offsets						
Wellname	Location	Operator	FM	Current Gas Prod.(MCFD)	Current Oil Prod.(BOPD)	API Gravity
Stewart LS 3	28A-30N-10W	Amoco	MV	30	0	N/A
Stewart LS 4	28K-30N-10W	Amoco	MV	85	0	N/A
Schoen LS 1R	27K-30N-10W	Amoco	MV	85	0.3	49
Bassett B 1	33E-30N-10W	Amoco	MV	60	0	N/A
Avg. of MV Prod.:				65	0	
Percentage of Production to allocate to MV:				48	0	
Stewart LS 6	28H-30N-10W	Amoco	DK	45	2	59
Stewart LS 8	28N-30N-10W	Amoco	DK	60	0	N/A
Schoen LS 2	27L-30N-10W	Amoco	DK	95	0	N/A
Trieb Fed 2E	33B-30N-10W	Conoco	DK	80	0	N/A
Avg. of DK Prod.:				70	0.5	
Percentage of Production to allocate to DK:				52	100	

LIST OF OFFSET OPERATORS
STEWART LS #6M

Conoco, Inc.
10 Desta Drive West
Midland, Texas 79705

Burlington Resources Oil and Gas Co.
P.O. Box 4289
Farmington, NM 87499

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

02/03/97 16:56:33
OGOMES -EMEX
PAGE NO: 1

Sec : 28 Twp : 30N Rng : 10W Section Type : NORMAL

4 41.31 Federal owned	3 41.04 Federal owned	2 40.77 Federal owned	1 40.49 Federal owned A
5 41.08 Federal owned	6 40.81 Federal owned	7 40.54 Federal owned	8 40.26 Federal owned A

M0002: This is the first page

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

80.31

80.75

161.06
160.20
321.26