Submit 3 Copies To Appropriate District State of New M.	fexico Form C-103
Office District I Energy, Minerals and Na	
1625 N. French Dr., Hobbs, NM 88240	WELL API NO.
District II 811 South First, Artesia, NM 88210 OIL CONSERVATIO	N DIVISION 30-045-31289
District III 2040 South Page 2	5. Indicate Type of Lease STATE FEE
1000 Rio Brazos Rd., Aztec, NM 87410 District IV Santa Fe, NM 8	6. State Oil & Gas Lease No.
2040 South Pacheco, Santa Fe, NM 87505	SF-079010 Federal
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 7. Lease Name or Unit Agreement Name:	
1. Type of Well:	NORTHEAST BLANCO UNIT
Oil Well Gas Well Other: 2. Name of Operator: Devon Energy Production Co. L.P.	7 14 13 10 1/ /2 A
2. Name of Operator: Devon Energy Production Co. L.P. 8. Well No. 325M	
Address of Operator: Apr 2003 Pool name or Wildcat:	
Attn: Diane Busch Basin-Dakota	
20 N. Broadway Oklahoma City, OK 73102	
3. Well Location	
Unit Letter M: 405 feet from the South line and 75 feet from the West line.	
Section: 23 Township 31N Range 7W NMPM County San Juan, NM	
10. Elevation (Show whether DR, RKB, RT, GR, etc.)	
6447'	
11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐	SUBSEQUENT REPORT OF: ☐ REMEDIAL WORK ☐ ALTERING CASING☐
PERI ORINI REMIEDIAL WORK [PEUG AND ABANDON	REMEDIAL WORK ☐ ALTERING CASING☐
TEMPORARILY ABANDON	-
PULL OR ALTER CASING MULTIPLE	ABANDONMENT CASING TEST AND
COMPLETION	CEMENT JOB
OTHER: Down hole commingle	OTHER:
12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.	
Approval is requested to isolate the Basin-Dakota pool, perforate, frac, and test the Blanco-Mesaverde pool, then downhole commingle production from both zones. Please refer to attached exhibits.	
0HC1185AZ	
<u> </u>	hoot of my larger land and holist
I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE TITLE Sr. Operations Technician DATE 4/14/03	
Type or print name Diane Busch Telephone No. (405) 228-4362 (This space for State use)	
ADD 1 7 200°	
APPPROVED BY TITLE TY OU & GAS INSTRUCTOR DIST 63 DATE DATE	

ATTACHMENTS TO APPLICATION TO DOWNHOLE COMMINGLE

The following information is being provided as supporting data for application to downhole commingle production from the following well:

Well:

NEBU #325M

Location:

SW SW, Sec. 23, T31N, R7W San Juan County, New Mexico

- 1. The Division order that establishes the two subject pools as pre-approved pools for commingling is Case No. 12346, Order No. R-11363.
- 2. The pools to be commingled are the Blanco-Mesaverde (72319) and the Basin-Dakota (71599).
- 3. The subject well is presently completed in the Basin-Dakota pool, the perforated interval being 7850'-8068'. Proposed perforations in the Blanco-Mesaverde are 4360'-5902'.
- 4. Commingling will not reduce the value of the total remaining production in this well. Produced waters from both the Basin-Dakota and the Blanco-Mesaverde have been found to be compatible, with no evidence of scaling problems on tubulars, or of precipitate fill in the wellbore. The increased volume of gas flowing up the tubing will facilitate the well's ability to unload itself, thus increasing production and reducing potential operational problems.
- 5. Notice has been sent to all interest owners in the spacing unit by certified mail (return receipt) of Devon Energy's intent to downhole commingle production. A copy of this notice and a list of all interest owners is attached.
- 6. A copy of this notice of intent to downhole commingle has been sent to the Bureau of Land Management.

Method of Allocation

Devon Energy recommends the following procedure to allocate downhole commingled production between the Basin-Dakota and the Blanco-Mesaverde pools within the Northeast Blanco Unit:

- The Mesaverde and Basin-Dakota formations will be completed simultaneously.
- A single 2-3/8" tubing string will be run in the well, with a packer isolating the two horizons.
- The Dakota completion will be produced up the tubing string.
- The Mesaverde completion will be produced up the 2-3/8" x 4-1/2" annulus.
- Production from each zone will be measured separately using a 3 phase metering device prior to flowing through a mutual production separator. Total well stream gas will be measured using a conventional orifice plate meter tube located downstream of the production separator.
- The completions will be flow tested separately for approximately 90 days to establish a stabilized rate and trend.
- Following the testing period the packer will be removed and the two pools will be downhole commingled. Total well production will flow through common surface facilities and total produced gas will be measured using a conventional orifice plate meter tube.
- Production will be allocated between the Mesa Verde and Dakota intervals by applying the variable percentage schedule to the daily total well production.

The Variable Percentage Schedule was derived using Mesa Verde and Dakota production type curves. These type curves were generated by normalizing production data from surrounding wells. The variable percentage schedule is required due to the dissimilar decline trends exhibited by the Mesa Verde and Dakota. Figure 1 depicts a typical Mesa Verde – Dakota production allocation. The actual percentages will vary from well to well, depending on well productivity.

Typical MV - DK Downhole Commingle Production % Schedule

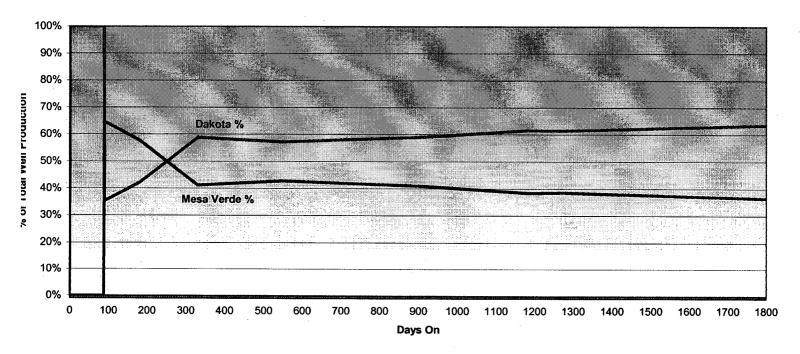


Figure 1

The Basin-Dakota type curve was generated from normalized production of 40 offsetting Basin-Dakota producers. The Basin-Dakota type curve clearly defines the decline rate for the life of a well. Comparison of this type curve with the production schedule obtained by using flow test data demonstrates the reliability of this method for projecting production. (See Figure 2) The curve covers a three and one half year period with a variance in cumulative normalized production of only 165 MCF.

Dakota Type Curve

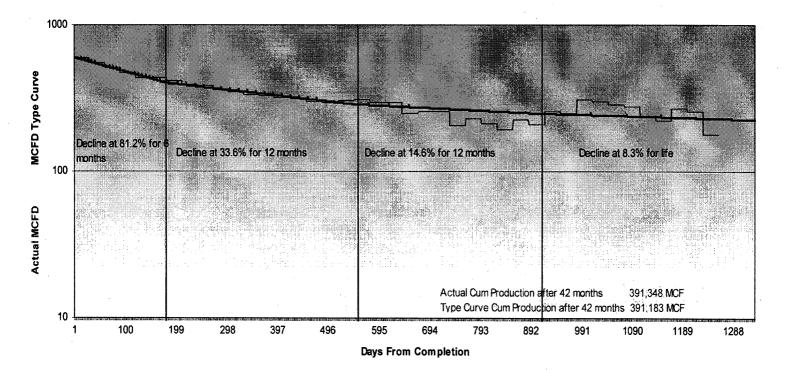


Figure 2

The Blanco – Mesa Verde type curve was generated from normalized production of 12 offsetting Blanco-Mesa Verde producers. Comparison of this type curve with the production schedule obtained by using flow test data demonstrates the reliability of this method for projecting production. (See Figure 3) The curve covers a four year period with a variance in cumulative normalized production of only 3,382 MCF.

Mesa Verde Type Curve

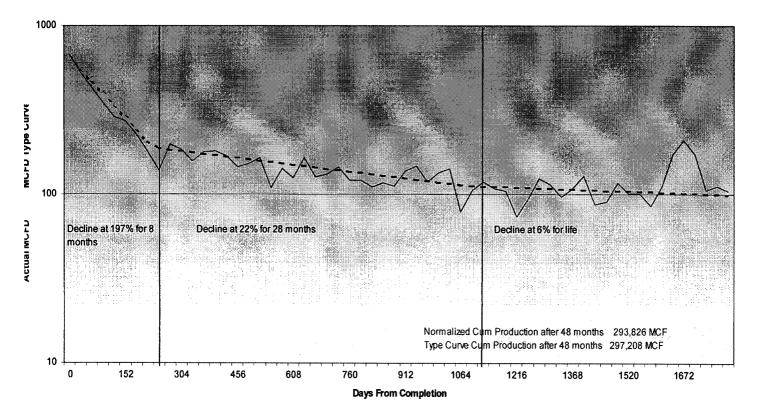


Figure 3

20 North Broadway, Suite 1500 Oklahoma City, Oklahoma 73102-8260 Telephone: (405) 235-3611 Fax: (405) 552-4667

March 17, 2003

IN RE: Permit to Downhole Commingle
NEBU #325M, API# 30-045-31289
SW SW, 405' FSL & 75' FWL
Sec. 23, T31N, R7W
San Juan County, New Mexico

VIA CERTIFIED MAIL
To all Working Interest Owners:

In accordance with Division Rule 303.C governing downhole commingling, you are hereby notified that Devon Energy Production Company, LP, as operator of the above-captioned well, intends to downhole commingle production from the Blanco-Mesaverde and Basin-Dakota Pools. These are two of the pools pre-approved for commingling by the State of New Mexico Oil Conservation Division of the Energy, Minerals, and Natural Resources Department. As such Devon Energy is required to submit application to the OCD on form C-103 (Sundry Notice) of our intent to commingle the two zones.

The Basin-Dakota and the Blanco-Mesaverde will be completed and tested simultaneously to establish a production potential. The production from the Blanco-Mesaverde and the Basin-Dakota will be allocated on a production trend based formula.

Please direct inquiries concerning this matter to Diane Busch at (405) 228-4362.

Sincerely,

DEVON ENERGY PRODUCTION COMPANY, LP

Diane Busch

Sr. Operations Technician

iane Busch

NORTHEAST BLANCO UNIT - MESAVERDE WORKING INTEREST OWNERS

Alan Alexander
Burlington Resources Oil & Gas Co.
P. O. Box 4289
Farmington, NM 87499-4289

Bryan Anderson BP America Production Company PO Box 3092 Houston, TX 77253-3092

Jim Ball / Harry Nowak ConocoPhillips Company P O Box 2197 Houston, TX 77252-2197

Castle, Inc. 502 Keystone Drive Warrendale, PA 15086

T. H. McElvain Oil & Gas Ltd. Partnership McElvain Oil & Gas Properties, Inc., GP 1050 17th Street, Suite 1800 Denver, CO 80265

NOJV Manager Four Star Oil & Gas Company P. O. Box 36366 Houston, TX 77236

Jane P. Ladouceur 109 Longsford San Antonio, TX 78209

Charles E. Kelly, Ph.D. 895 Technology Blvd., Suite 201 Bozeman, MT 59718-6855

Robert E. Zimmerman, Jr. P. O. Box 570174 Houston, TX 77257-0174

Charles W. Gay c/o James M. Raymond, AIF P. O. Box 291445 Kerrville, TX 78029-1445

Lorrayn Gay Hacker c/o James M. Raymond, AIF P. O. Box 291445 Kerrville, TX 78029-1445 James M. Raymond, Trustee Maydell Miller Mast Trust P. O. Box 291445 Kerrville, TX 78029-1445

James M. Raymond J & M Raymond, Ltd. Raymond & Sons I, LLC, GP P. O. Box 291445 Kerrville, TX 78029-1445

Susanna Phillips Kelly P. O. Box 147 Cameron, MT 59720

Susanna P. Kelly Jr 8383 Chapman Road Bozeman, MT 59715

Andrew B. Kelly, Jr. 2575 Sunset Drive Atlanta, GA 30345

Gary Patterson Wiser Oil Company 8115 Preston Road, Suite 400 Dallas, TX 75225

Darrell Gillen
Williams Production Company
One Williams Center
P. O. Box 3102 MS 37-4
Tulsa, OK 74101

McAfee Oil and Gas LLC 103 W. Boyd, Suite A Norman, OK 73069

Kona, LTD 16800 Imperial Valley Dr., Suite 270 Houston, TX 77060

Bryan Basham Diverse Energy Investments 1001 McKinney, Suite 520 Houston, TX 77002

NORTHEAST BLANCO UNIT - DAKOTA NEBU 325M WORKING INTEREST OWNERS

Alan Alexander Burlington Resources Oil & Gas Co. P. O. Box 4289 Farmington, NM 87499-4289

Bryan Anderson BP America Production Company PO Box 3092 Houston, TX 77253-3092

Jim Ball / Harry Nowak ConocoPhillips Company P O Box 2197 Houston, TX 77252-2197

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Frank C. Davis III 3219 Bryn Mawr Dallas, TX 75225