

PKRVO307756458

DHC NA

District I  
1623 N. French Drive, Hobbs, NM 88240  
District II  
811 South First Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Artesia, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

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

APPLICATION TYPE  
X Single Well  
Establish Pre-Approved Pools  
EXISTING WELLBORE  
XYes No

APPLICATION FOR DOWNHOLE COMMINGLING

3130  
DRC

Devon Energy Production Company, L.P. 20 N. Broadway, Suite 1500, Oklahoma City, OK 73102  
Operator Address

Mesa Verde 6 Federal 8 F, Sec 6-24S-32E Lea, NM  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 6137 Property Code API No. 30-025-32614 Lease Type: XFederal State Fee

MAR 18 2003

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Mesa Verde Delaware		Mesa Verde Bone Spring
Pool Code	96191		96229
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	7180' - 8376'		8538' - 8564'
Method of Production (Flowing or Artificial Lift)	AL		AL
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)	N/A	N/A	N/A
Oil Gravity or Gas BTU (Degree API or Gas BTU)	41		40
Producing, Shut-In or New Zone	Producing		Shut-In
Date 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: 3/8/03 Rates: 140 BOPD, 41 BWPD, 114 MCFD	Date: Rates:	Date: 2/7/03 Rates: 10 BOPD, 2 BWPD, 35 MCFD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 92% 67 %	Oil Gas % %	Oil Gas 8% 33 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes  No \_\_\_\_\_  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes \_\_\_\_\_ No \_\_\_\_\_  
Are all produced fluids from all commingled zones compatible with each other? Yes  No \_\_\_\_\_  
Will commingling decrease the value of production? Yes \_\_\_\_\_ No   
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes  No \_\_\_\_\_

NMOC Reference Case No. applicable to this well: DHC 1564 & DHC 1188

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.  
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.  
Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

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 belief.

SIGNATURE James Blount TITLE Operations Engineer Advisor DATE March 10, 2003

TYPE OR PRINT NAME James Blount TELEPHONE NO. (405) 228-4301

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
NM77064

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

8. Well Name and No.  
MESA VERDE 6 FEDERAL 8

9. API Well No.  
30-025-31614

10. Field and Pool, or Exploratory  
MESA VERDE DELAWARE

11. County or Parish, and State  
LEA COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
DEVON ENERGY PRODUCTION CO. LP  
Contact: KAREN COTTOM  
E-Mail: karen.cottom@dvn.com

3a. Address  
20 NORTH BROADWAY  
OKLAHOMA CITY, OK 73102-8260  
3b. Phone No. (include area code)  
Ph: 405.228.7512  
Fx: 405.552.4621

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 6 T24S R32E SENW 1980FNL 1980FWL

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Devon Energy Production Company, L.P. is applying with the New Mexico Oil Conservation Division to downhole commingle the existing Mesa Verde Delaware 96191 perfs (7180'- 8376') with the existing Mesa Verde Bone Spring 96229 perfs (8538'-8564'). The commingling will not reduce the value of the total remaining production. Ownership in the zones is identical. The proposed allocations are as follows:

96191 - Mesa Verde Delaware Oil 92% Gas 67%  
96229 - Mesa Verde Bone Spring Oil 8% Gas 33%

Current and proposed wellbore schematics are attached along with the allocation method and supporting data.

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #19403 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO. LP, sent to the Hobbs**

Name (Printed/Typed) KAREN COTTOM	Title ENGINEERING TECHNICIAN
Signature (Electronic Submission)	Date 03/11/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

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 10, 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

API Number 30-025-31614		Pool Code 96191		Pool Name MESA VERDE DELAWARE	
Property Code 30872		Property Name MESA VERDE "6"			Well Number 8
GRID No. 6137		Operator Name DEVON ENERGY PRODUCTION COMPANY, LP			Elevation 3548'

10 Surface Location

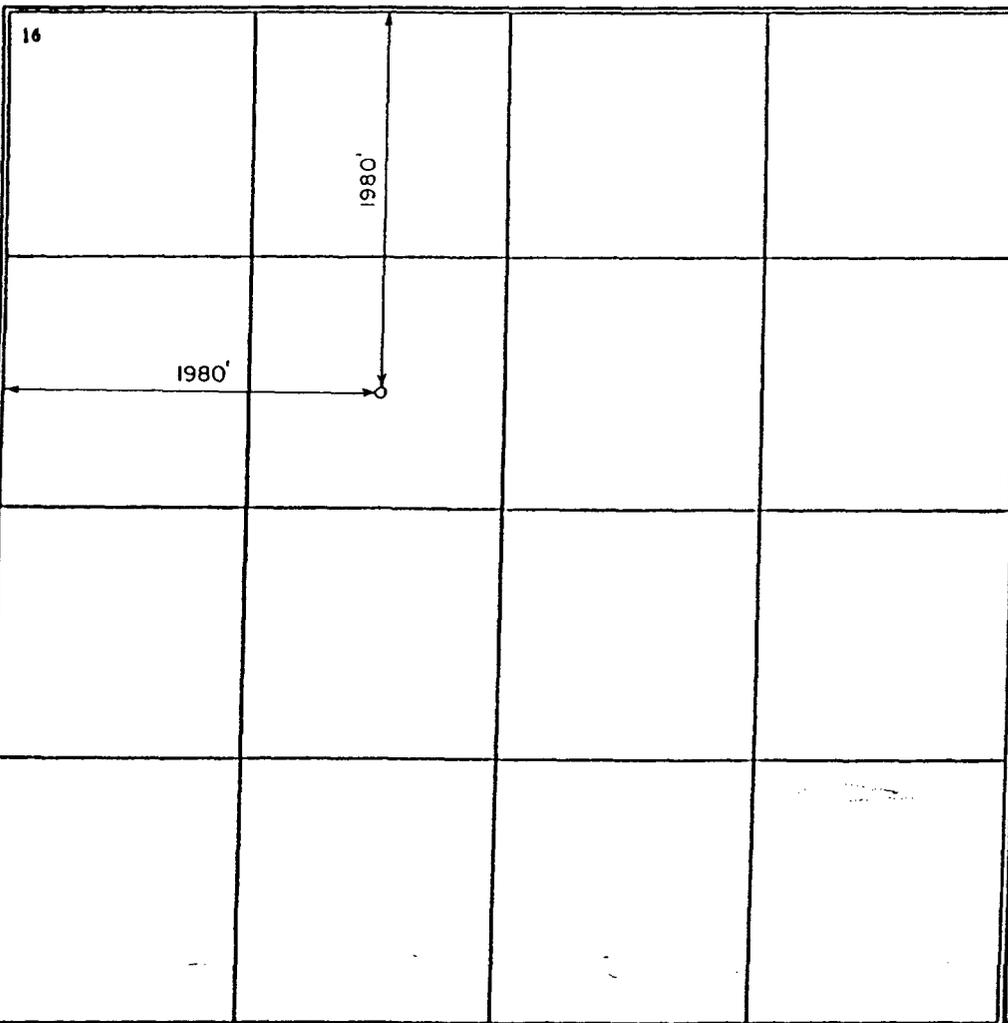
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
F	6	24-S	32-E		1980	NORTH	1980	WEST	LEA

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	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



17 OPERATOR CERTIFICATION

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

*James Blount*  
Signature  
James Blount  
Printed Name  
Operations Engineer Advisor  
Title  
March 10, 2003  
Date  
915/686-3714

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

5-25-94  
Date of Survey  
Signature and Seal of Earl Foote  
Professional Surveyor  
8278  
Certificate Number 8278

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 10, 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

API Number 30-025-32614		Pool Code 96229	Pool Name MESA VERDE BONE SPRINGS
Property Code 30872	Property Name MESA VERDE "6"		Well Number 8
GRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, LP		Elevation 3548'

10 Surface Location

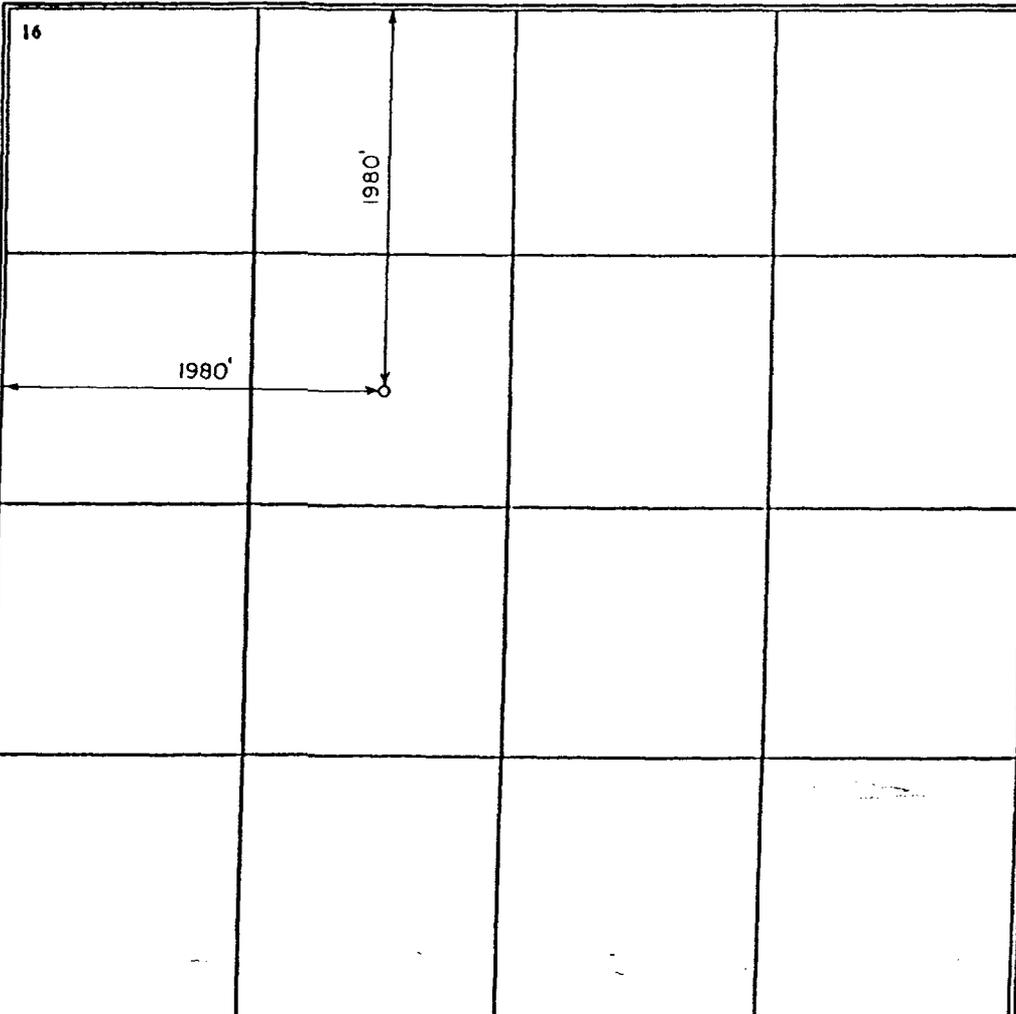
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	6	24-S	32-E		1980	NORTH	1980	WEST	LEA

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

Dedicated Acres 40	Joint or Infill	Consolidation Code	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



17 OPERATOR CERTIFICATION

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

Signature: James Blount

Printed Name: James Blount

Title: Operations Engineer Advisor

Date: March 10, 2003

915/686-3714

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.

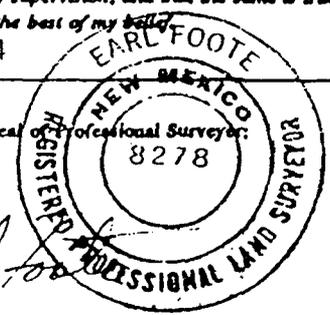
5-25-94

Date of Survey

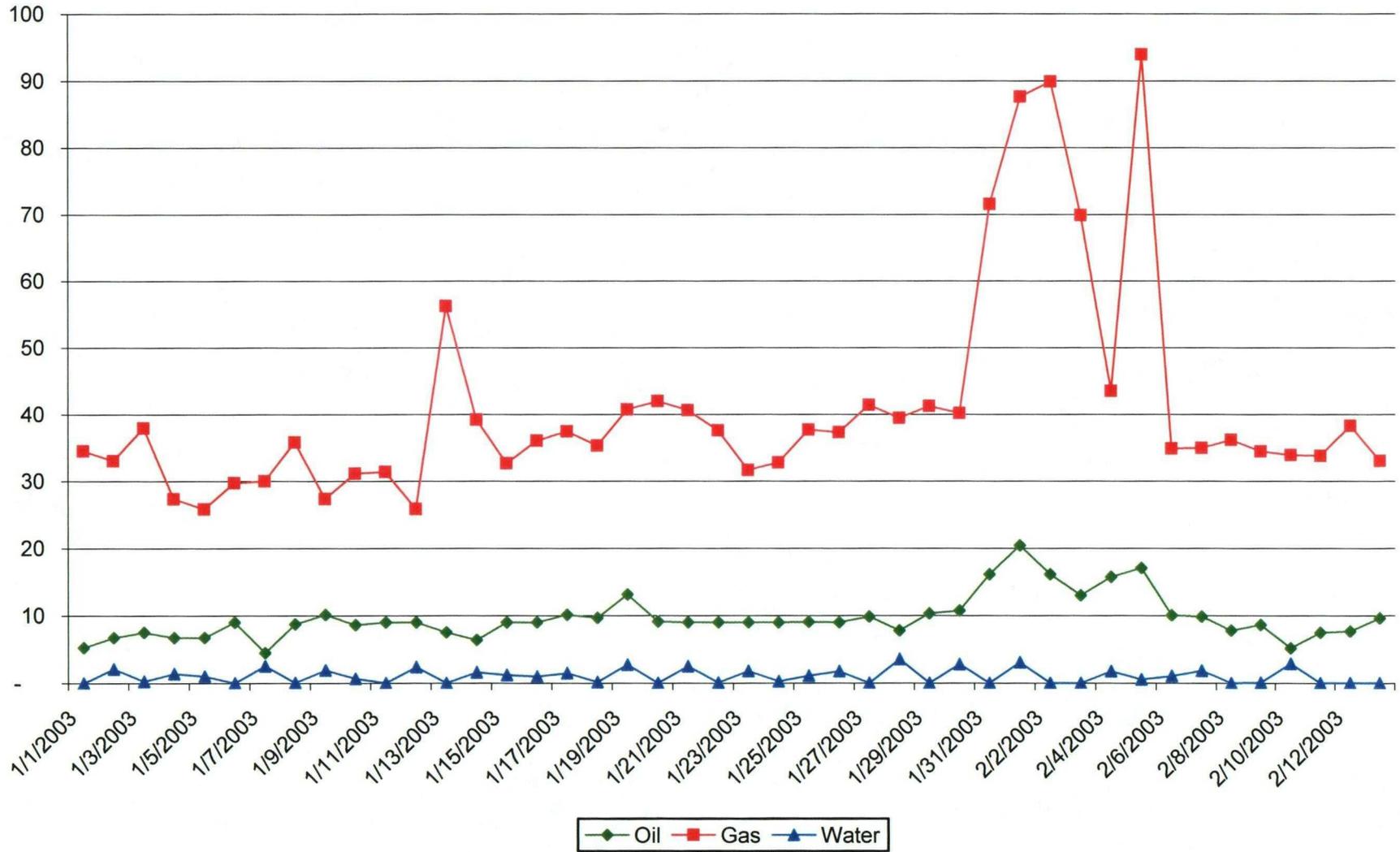
Signature and Seal of Professional Surveyor: Earl Foote

8278

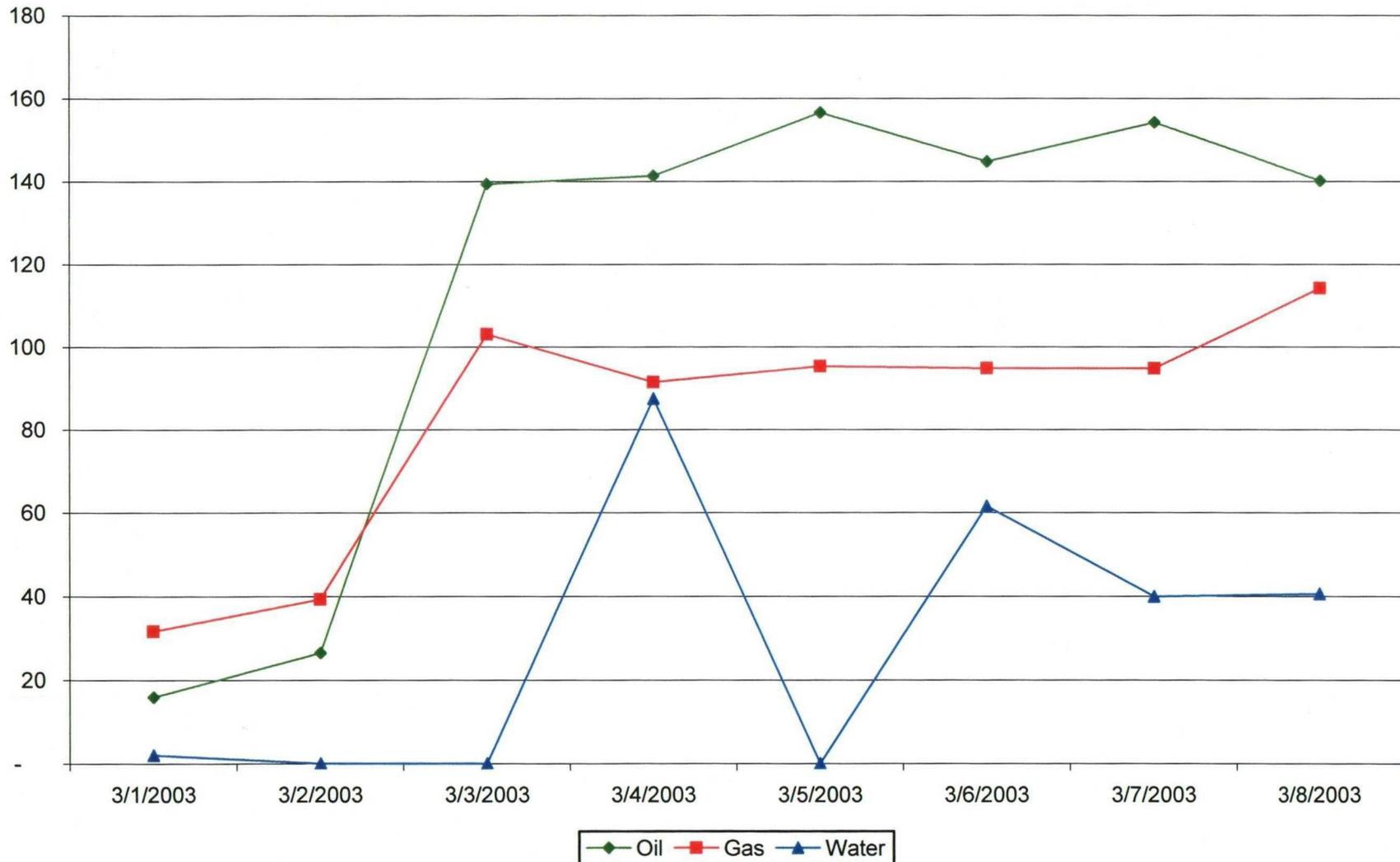
Certificate Number: 8278



Mesa Verde 6 Fed 8  
Bone Springs



Mesa Verde 6 Federal 8  
Delaware



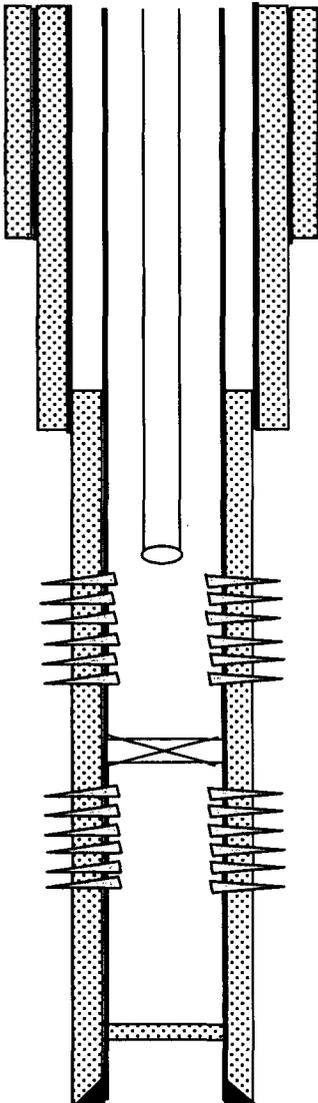
Bone Spring				Delaware			
Date	Oil	Gas	Water	Date	Oil	Gas	Water
1/1/2003	5	35	-	3/1/2003	16	32	2
1/2/2003	7	33	2	3/2/2003	26	39	-
1/3/2003	8	38	0	3/3/2003	139	103	-
1/4/2003	7	27	1	3/4/2003	141	91	87
1/5/2003	7	26	1	3/5/2003	157	95	-
1/6/2003	9	30	-	3/6/2003	145	95	62
1/7/2003	4	30	3	3/7/2003	154	95	40
1/8/2003	9	36	0	3/8/2003	140	114	41
1/9/2003	10	27	2				
1/10/2003	9	31	1				
1/11/2003	9	31	-				
1/12/2003	9	26	2				
1/13/2003	8	56	-				
1/14/2003	6	39	2				
1/15/2003	9	33	1				
1/16/2003	9	36	1				
1/17/2003	10	37	1				
1/18/2003	10	35	0				
1/19/2003	13	41	3				
1/20/2003	9	42	-				
1/21/2003	9	41	3				
1/22/2003	9	38	0				
1/23/2003	9	32	2				
1/24/2003	9	33	0				
1/25/2003	9	38	1				
1/26/2003	9	37	2				
1/27/2003	10	41	-				
1/28/2003	8	39	4				
1/29/2003	10	41	-				
1/30/2003	11	40	3				
1/31/2003	16	72	-				
2/1/2003	20	88	3				
2/2/2003	16	90	-				
2/3/2003	13	70	-				
2/4/2003	16	43	2				
2/5/2003	17	94	1				
2/6/2003	10	35	1				
2/7/2003	10	35	2				
2/8/2003	8	36	-				
2/9/2003	9	34	0				
2/10/2003	5	34	3				
2/11/2003	7	34	-				
2/12/2003	8	38	-				
2/13/2003	10	33	-				
BoneSpring	10	41	1	Delaware	115	83	29

	OIL	GAS	WATER
<b>Total</b>	<b>124</b>	<b>124</b>	<b>30</b>
<b>Bone Spring</b>	<b>8%</b>	<b>33%</b>	<b>3%</b>
<b>Delaware</b>	<b>92%</b>	<b>67%</b>	<b>97%</b>

## DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: Mesa Verde 6 Federal #8			FIELD: Sand Dunes Delaware, South			
LOCATION: Sect 6-T24S-R32E			COUNTY: Lea		STATE: NM	
ELEVATION: GL=3548"			SPUD DATE: 6/9/1995 COMP DATE: 7/4/95			
API#: 30-025-32614		PREPARED BY: Karen Cottom		DATE: 3/10/03		Recomp 2/27/03
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0 - 610'	13 3/8"	48#	H-40		17 1/2"
CASING:	0 - 4485'	8 5/8"	32#	J-55		12 1/4"
CASING:	0 - 8740'	5 1/2"	15.5, 17#	L-80		7 7/8"
CASING:						
TUBING:		2 7/8"				

CURRENT
  PROPOSED



13 3/8" casing set @610' cmt w/625 sx to surface

8 5/8" casing set @4485' cmt w/1300 sx to surface

2 7/8" tbg w/SN @8400'

Brushy Canyon Perf's  
7180' - 7200', 7598' - 7604', 8361' - 8376' (2SPF 82 holes)

**RBP @ 8454'**

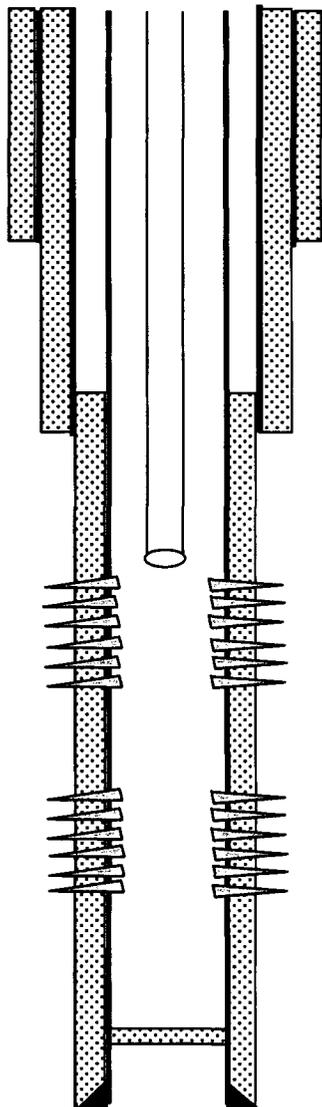
**Bone Spring perforations below RBP @ 8454'**  
8538' - 8564' (31 holes)

PBTD @ 8680'  
5 1/2" casing, set @8740' w/800 sx cmt TOC @ 3550'  
TD @ 8740'

## DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: Mesa Verde 6 Federal #8			FIELD: Sand Dunes Delaware, South			
LOCATION: Sect 6-T24S-R32E			COUNTY: Lea		STATE: NM	
ELEVATION: GL=3548"			SPUD DATE: 6/9/1995 COMP DATE: 7/4/95			
API#: 30-025-32614		PREPARED BY: Karen Cottom		DATE: 3/10/03		Recomp 2/27/03
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0 - 610'	13 3/8"	48#	H-40		17 1/2"
CASING:	0 - 4485'	8 5/8"	32#	J-55		12 1/4"
CASING:	0 - 8740'	5 1/2"	15.5, 17#	L-80		7 7/8"
CASING:						
TUBING:		2 7/8"				

CURRENT
  PROPOSED



13 3/8" casing set @610' cmt w/625 sx to surface

8 5/8" casing set @4485' cmt w/1300 sx to surface

2 7/8" tbg w/SN @8560'

Brushy Canyon Perf's  
7180' - 7200', 7598' - 7604', 8361' - 8376' (2SPF 82 holes)

Bone Spring Perf's  
8538' - 8564' (31 holes)

PBTD @ 8680'  
5 1/2" casing, set @8740' w/800 sx cmt TOC @ 3550'  
TD @ 8740'



**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

**ADMINISTRATIVE ORDER DHC-1564**

Santa Fe Energy Resources, Inc.  
550 West Texas  
Suite 1330  
Midland, Texas 79701

Attention: Mr. Gary L. Travis

*Mesa Verde "6" Federal Well No. 7  
API No. 30-025-32613  
Unit B, Section 6, Township 24 South, Range 32 East, NMPM,  
Lea County, New Mexico.  
Mesa Verde-Delaware (96191) and  
Mesa Verde-Bone Spring (96229) Pools*

Dear Mr. Travis:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303.C., the daily allowable producing rates from the subject well are hereby established as follows:

Oil 230 B/D                      Gas 460 MCF/D                      Water 460 B/D

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Mesa Verde-Delaware Pool	Oil 40%	Gas 35%
Mesa Verde-Bone Spring Pool	Oil 60%	Gas 65%

*Administrative Order DHC-1564*

*Santa Fe Energy Resources, Inc.*

*June 23, 1997*

*Page 2*

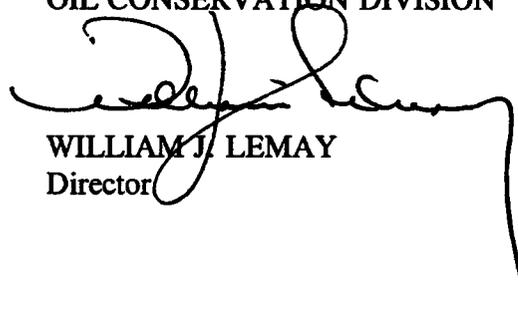
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**REMARKS:** The operator shall notify the Hobbs District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 23rd day of June, 1997.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY  
Director

SEAL

WJL/DRC

cc: Oil Conservation Division - Hobbs  
Bureau of Land Management-Carlsbad

**NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT**

**OIL CONSERVATION DIVISION**

February 19, 1996

**ADMINISTRATIVE ORDER DHC-1188**

Santa Fe Energy Resources, Inc.  
550 West Texas Street, Suite 1330  
Midland, Texas 79701

Attention: Mr. James Blount

*Mesa Verde '7' Federal Well No. 7  
Unit D, Section 7, Township 24 South, Range 32 East, NMPM,  
Lea County, New Mexico.  
Mesa Verde Bone Spring (96229) and  
Mesa Verde Delaware (96191) Pools*

Dear Mr. Blount:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit the subject well to commingle production from both pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the two zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject well shall not exceed 60 barrels per day, and total water production shall not exceed 120 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by multiplying 2000 by the top unit allowable for the Mesa Verde Bone Spring Pool.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Mesa Verde Bone Spring	Oil 80%	Gas 80%
Mesa Verde Delaware	Oil 20%	Gas 20%

*Administrative Order DHC-1188  
Santa Fe Energy Resources, Inc.  
February 19, 1996  
Page 2*

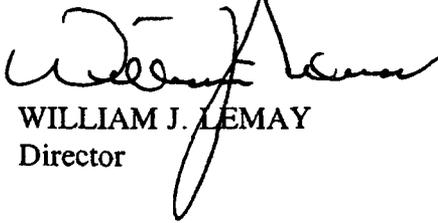
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FURTHER: The operator shall notify the Hobbs District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303-C-5, the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 19th day of February, 1996.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY  
Director

SEAL

WJL/BES

cc: Oil Conservation Division - Hobbs  
Bureau of Land Management - Carlsbad