

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Oil Cons.  
N.M. Div-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other \_\_\_\_\_
2. Name of Operator  
**DEVON ENERGY PRODUCTION COMPANY, LP.**
3. Address and Telephone No.  
**20 NORTH BROADWAY, SUITE 1100, OKLAHOMA CITY, OKLAHOMA 73102 (405) 228-3642**
4. Location of Well (Footage. Sec., T., R., M., or Survey Description)  
**1980' FSL & 330 FEL, Sec 25 T22s R30E, NESE**



5. Lease Designation and Serial No. <b>NMNM91509</b>
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No. <b>Apache 25 Federal #5</b>
9. API Well No. <b>30-015-32720</b>
10. Field and Pool, or Exploratory Area <b>Los Medanos Bone Spring</b>
11. County or Parish, State <b>Eddy, NM</b>

**CHECK APPROPRIATE BOX(S) 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"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Downhole Commingle</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Devon Energy Production Company, L.P. is applying with the New Mexico Oil Conservation Division to downhole commingle the Los Medanos; Bone Spring 40295 and the Los Medanos; Wolfcamp North 96336. The commingling will not reduce the value of the total remaining production. Ownership in the zones is identical.

The proposed allocations are as follows

(96336) Los medanos; Wolfcamp South 49% Oil 51% MCF 62% WTR

(40295) Los Medanso; Bone Spring 51% Oil 49% MCF 38% WTR

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

**SUBJECT TO  
LIKE APPROVAL  
BY NMOCD**

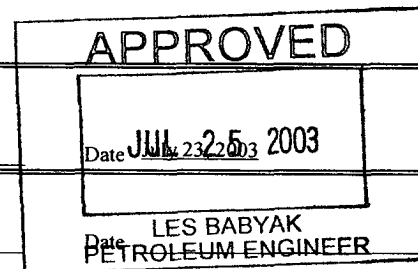
14. I hereby certify that the foregoing is true and correct

Signed Karen A. Cottom  
(This space for Federal or State office use)

Karen A. Cottom  
Title Engineering Technician

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_





20 North Broadway, Suite 1500  
Oklahoma City, Oklahoma 73102-8260

Telephone 405/228-7512  
FAX 405/552-4667

July 23, 2003

**Certified Mail No. 7001 0320 0004 3101 8086**

Bureau of Land Management  
2909 West Second Street  
Roswell, NM 88201

RE: Downhole Commingling  
Apache 25 Federal #5  
Section 25-22S-30E Unit I  
API #30-015-32720  
Los Medanos; Wolfcamp and  
Los Medanos; Bone Spring, fields  
Eddy County, NM

Gentlemen:

Concerning the referenced enclosed please find the Form 3160-5 Sundry Notice of Intent to downhole commingle and attachments (and five copies).

Please direct inquiries concerning this notice to me at (405) 228-7512.

Yours truly,

A handwritten signature in cursive script that reads "Karen Cottom".

Karen Cottom  
Engineering Tech.  
DEVON ENERGY PRODUCTION COMPANY, L.P.

/kac  
Enclosures

c: OCD w/C103 Sundry Notice of Intent & attachments

## Apache 25 Federal #5

### Allocation Formula

Well Name	Producing Formation	*Daily Production Test	% of Total Oil
		3-4 month average	
Apache 25 Federal #5	(96336)Los Medanos; Wolfcamp South	54 BO/ 97 MCF/ 19 BW	49 %
Apache 25 Federal #5	(40295)Los Medanos; Bone Spring	56 BO/ 93 MCF/ 12 BW	51 %

\* From attached production plots

The above production test represents stable production from a Wolfcamp producer and a Bone Spring producer. We believe these rates of production represent an acceptable means to allocate production.

<b>WOLFCAMP</b>			
<b>Date</b>	<b>Oil</b>	<b>Gas</b>	<b>Water</b>
5/23/2003	69	108	28
5/24/2003	63	105	32
5/25/2003	61	97	25
5/26/2003	56	100	20
5/27/2003	58	86	36
5/28/2003	66	54	25
5/29/2003	56	80	19
5/30/2003	45	83	16
5/31/2003	46	56	12
6/1/2003	51	57	10
6/2/2003	49	61	6
6/3/2003	47	71	6
6/4/2003	54	141	16
6/5/2003	42	212	9
6/6/2003	47	183	15
6/7/2003	51	66	27
6/8/2003	66	83	16
	54	97	19

<b>BONE SPRING</b>			
<b>Date</b>	<b>Oil</b>	<b>Gas</b>	<b>Water</b>
7/5/2003	50	96	14
7/6/2003	49	94	9
7/7/2003	56	51	11
7/8/2003	59	106	12
7/9/2003	55	104	14
7/10/2003	52	105	14
7/11/2003	69	91	13
7/12/2003	55	91	12
7/13/2003	51	91	12
7/14/2003	52	90	13
7/15/2003	53	90	12
7/16/2003	53	92	11
7/17/2003	53	92	11
7/18/2003	58	94	9
7/19/2003	46	90	5
7/20/2003	43	90	14
7/21/2003	104	113	14
	56	93	12

	<b>OIL</b>	<b>GAS</b>	<b>WATER</b>
<b>COMBINED PRODUCTION</b>	111	190	30
<b>WOLFCAMP</b>	49%	51%	62%
<b>BONE SPRING</b>	51%	49%	38%

# DEVON ENERGY CORPORATION

## WELLBORE SCHEMATIC

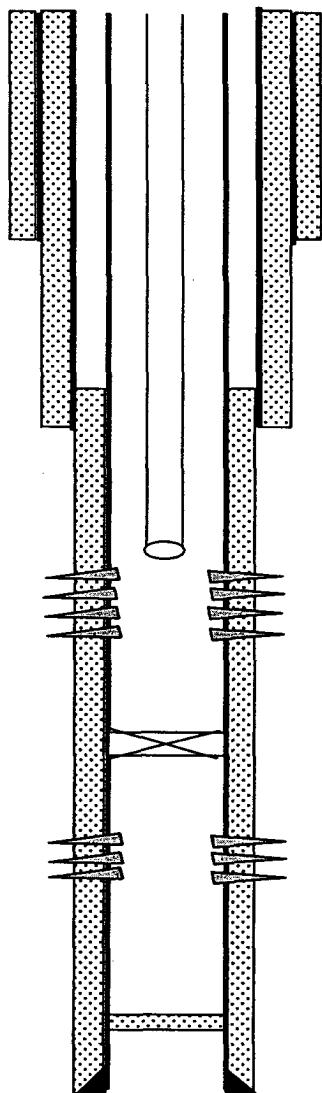
WELL NAME: Apache 25 Federal #5			FIELD: Los Medanos; Bone Spring			
LOCATION: Sect 25-T22S-R30E			COUNTY: Eddy		STATE: NM	
ELEVATION: GL=3344"			SPUD DATE: 3/31/2003		COMP DATE: 6/16/2003	
API#: 30-025-32720		PREPARED BY: Karen Cottom			DATE: 7/23/03	
TUBULARS	DEPTH	SIZE	WEIGHT	GRADE	THREAD	HOLE SIZE
CASING:	0 - 596'	13 3/8"	48#	H-40		17 1/2"
CASING:	0 - 3868'	8 5/8"	32#	J-55		11"
CASING:	0 - 11,295'	5 1/2"	17#	N-80		7 7/8"
CASING:						
TUBING:	10851'	2 7/8"				



CURRENT



PROPOSED



13 3/8" casing set @596' cmt w/560 sx to surface

8 5/8" casing set @3,868' cmt w/1050 sx to surface

2 7/8" tbg SN@10851'

**Bone Spring Perforation**

10950' - 10975' (50 holes)

**RBP @ 11,100'****Wolfcamp Perforations**

11,121' - 11,134' (26 holes)

**PBTD @ 11,239'**

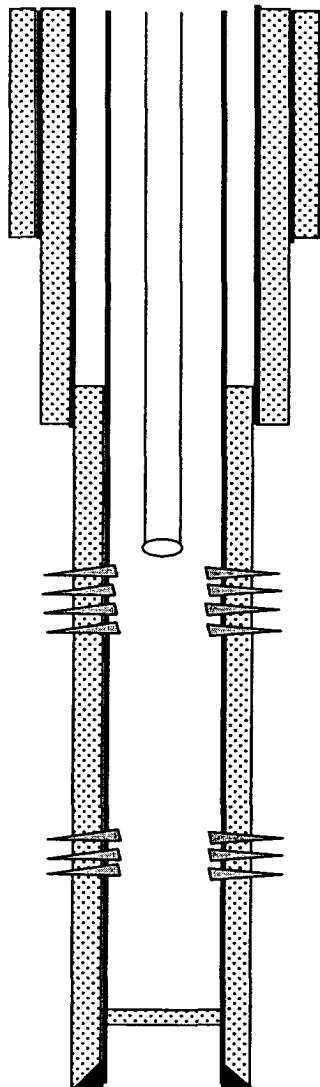
5 1/2" casing, set @11,295' Cmt'd w/1440 sx cmt TOC @ 3080'

TD @ 11,300'

# DEVON ENERGY CORPORATION WELLBORE SCHEMATIC

WELL NAME: Apache 25 Federal #5			FIELD: Los Medanos; Bone Spring			
LOCATION: Sect 25-T22S-R30E			COUNTY: Eddy		STATE: NM	
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## State of New Mexico

MAR 18 2003

## DISTRICT I

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

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## DISTRICT II

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

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

P.O. Box 2088, SANTA FE, N.M. 87504-2088

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-32720	Pool Code 40295	Pool Name LOS MEDANOS: BONE SPRING
Property Code 31920	Property Name APACHE "25" FEDERAL	Well Number 5
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3343'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	25	22-S	30-E		1980'	SOUTH	330'	EAST	EDDY

## 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

<p>GEODETIC COORDINATES</p> <p>NAD 1927 NME</p> <p>Y = 495470.7</p> <p>X = 656594.9</p> <p>LAT. 32°21'40.12"N</p> <p>LONG. 103°49'34.27"W</p>	<p>3346.7'</p> <p>3349.6'</p> <p>3340.0'</p> <p>3342.7'</p> <p>DETAIL</p>	<p>SEE DETAIL</p> <p>330'</p> <p>1980'</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained hereth is true and complete to the best of my knowledge and belief.</p> <p><i>Karen Cottom</i></p> <p>Signature</p> <p>Karen Cottom</p> <p>Printed Name</p> <p>Operations Technician</p> <p>Title</p> <p>July 8, 2003</p> <p>Date</p>
			<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>MARCH 12, 2003</p> <p>Date Surveyed</p> <p>AWB</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p><i>Ronald L. Edson</i></p> <p>03.11.0289</p>
			<p>Certificate No. RONALD L. EDSON 3239</p> <p>GARY EDSON 12641</p>

## State of New Mexico

MAR 12 2003

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Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

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## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

P.O. Box 2088, SANTA FE, N.M. 87504-2088

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
30-015-32720	96336	LOS MEDANOS: WOLF CAMP SOUTH
Property Code	Property Name	Well Number
31920	APACHE "25" FEDERAL	5
OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3343'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	25	22-S	30-E		1980'	SOUTH	330'	EAST	EDDY

## 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	Joint or Infill	Consolidation Code	Order No.						
40									

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>GEODETIC COORDINATES</p> <p>NAD 1927 NME</p> <p>Y = 495470.7</p> <p>X = 656594.9</p> <p>LAT. 32°21'40.12"N</p> <p>LONG. 103°49'34.27"W</p>				<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Karen Cottom</i></p> <p>Signature</p> <p>Karen Cottom</p> <p>Printed Name</p> <p>Operations Technician</p> <p>Title</p> <p>July 8, 2003</p> <p>Date</p>			

SEE DETAIL

3346.7'

3349.6'

3340.0'

3342.7'

330'

1980'

DETAIL



DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd, Aztec, NM  
87410

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO. <b>30-015-32720 - FEDERAL</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Apache 25 Federal
8. Well No. 5
9. Pool name or Wildcat Los medianos; Bone Spring

**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.)

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other \_\_\_\_\_

2. Name of Operator  
**DEVON ENERGY PRODUCTION COMPANY, L. P.**

3. Address of Operator  
**20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 228-7512**

4. Well Location  
Unit Letter L: 1980 Feet From The SOUTH Line and 330 Feet From The EAST Line

Section 25 Township 22S Range 30E NMPM EDDY County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)  
3344' GR

Check Appropriate Box To Indicate Nature Of Notice, Report, Or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: DOWNHOLE COMMINGLE ☒

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: \_\_\_\_\_ ☐

13. 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.

Devon Energy Production Company, L.P. is applying with the New Mexico Oil Conservation Division to downhole commingle the Los Medianos; Bone Spring 40295 and the Los Medianos; Wolfcamp North 96336. The commingling will not reduce the value of the total remaining production. Ownership in the zones is identical.

The proposed allocations are as follows

(96336) Los medianos; Wolfcamp South 49% Oil 51% MCF 62% WTR

(40295) Los Medanso; Bone Spring 51% Oil 49% MCF 38% WTR

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

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

SIGNATURE Karen Cottom

TITLE ENGINEERING TECHNICIAN

DATE July 23, 2003

TYPE OR PRINT NAME Karen Cottom

TELEPHONE NO. (405) 228-7512

(This space for State use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

# WOLFCAMP



# BONE SPRING

