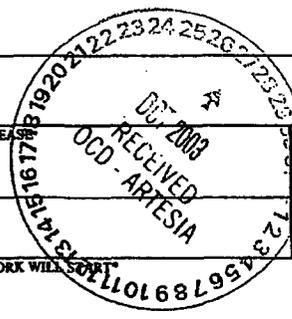


UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
N.M. Oil Cons. DIV-Dist. 2  
1001 W. Grand Avenue  
Artesia, NM 88210

Form approved  
OMB No. 1004-0136  
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. TYPE OF WORK: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. LEASE DESIGNATION AND SERIAL NO. NMNM89051	
b. TYPE OF WELL: <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> Other _____ <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR DEVON ENERGY PRODUCTION COMPANY, L.P.		7. UNIT AGREEMENT NAME	
3a. ADDRESS AND TELEPHONE NO. 20 NORTH BROADWAY, SUITE 1500, OKC, OK 73102		8. FARM OR LEASE NAME, WELL NO. APACHE 13 FEDERAL #3	
3b. TELEPHONE (include area code). (405) 235-3611		9. API WELL NO. 30-015-33076	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 330' FEL, SESE		10. FIELD AND POOL, OR WILDCAT UNDESIGNATED Cabin Lake, Delaware	
At top proposed prod. zone 1980' FSL & 330' FEL, SESE		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 13 T22S R30E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* APPROXIMATELY 46 MILES WEST FROM JAL NEW MEXICO		12. COUNTY OR PARISH EDDY	
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 330		13. STATE NM	
16. NO. OF ACRES IN LEASE 440.00		17. Spacing Unit dedicated to this well 40	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. BLM/BIA Bond No. on file CO1104	
19. PROPOSED DEPTH 7860'		23. Estimated duration 45 DAYS	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3355' GR		22. APPROX. DATE WORK WILL START 9/1/03	



24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

CARLSBAD CONTROLLED WATER BASIN

- Drilling Program
- Surface Use and Operating Plan
- Exhibit #1 = Blowout Prevention Equipment
- Exhibit #2 = Location and Elevation Plat
- Exhibit #3 = Road Map and Topo Map
- Exhibit #4 = Wells Within 1 Mile Radius
- Exhibit #5 = Production Facilities Plat
- Exhibit #6 = Rotary Rig Layout
- Exhibit #7 = Casing Design
- H<sub>2</sub>S Operating Plan
- Archeological clearance report

The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portions thereof, as described above

Bond Coverage: Nationwide  
BLM Bond #: CO-1104

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS  
AND SPECIAL STIPULATIONS  
ATTACHED

25. Signature <i>Karen Cottom</i>	Name (Printed/Typed) KAREN COTTOM	Date JULY 16, 2003
Title OPERATIONS TECHNICIAN		
Approved by (signature) <i>Jesse J. Juera</i>	Name (Printed/Typed) Jesse J. Juera	Date 17 OCT 2003
Title ACTING STATE DIRECTOR NM STATE OFFICE		

Application approval 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.  
Conditions of approval, if any, are attached.

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001, makes 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

Devon Energy proposes to drill a Delaware well to TD 7,860' for commercial quantities of oil and gas. If the well is deemed noncommercial, the well bore will be plugged and abandoned per Federal regulations. Devon Energy Production Company, LP will drill the well per the Master Drilling and Surface Use Program submitted for the Quahada Ridge, SE Field

Directions: From the junction of State Hwy 128 and Co. Rd. 796, go north on 796 for approx. 3.75 miles to a lease road; thence continue north on lease road for approx. 0.11 mile; thence northeasterly on lease road for approx. 0.11 mile; then east on lease road for approx. 1.82 mile to lease road; thence south on lease road for approx. 1.4 mile to a point on the proposed well pad.

Approximately 35' of access road will be required but fall within the archeological survey for the well pad. Therefore an access road arch survey is not needed.

DISTRICT I  
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II  
811 South First, Artesia, 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 and Natural Resources Department

Form C-102  
Revised March 17, 1999

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code	Pool Name
		UNDESIGNATED
Property Code	Property Name	Well Number
	APACHE "13" FEDERAL	3
GRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION CO., L.P.	3355'

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	13	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			

**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><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>James Blount</i> Signature</p> <p>James Blount Printed Name</p> <p>Operations Engineering Adv Title</p> <p>July 16, 2003 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>JUNE 30, 2003 Date Surveyed</p> <p>GARY L. JONES Signature Professional Surveyor No. 3404</p> <p>Certificate No. 7977</p> <p>BASIN SURVEYS</p>	
	<p>Lat - N32°23'25.1" Long - W103°49'36.0"</p>	
	<p>3353.3' 3353.8'</p> <p>330'</p> <p>3352.6' 3358.2'</p> <p>1980'</p>	

# R-111-P-POTASH

1

## Master Drilling Program Delaware Formation on the Following Leases.

To be attached to Form 3160-3

UNIT AREA: Leases in the following sections, Townships and Ranges that are operated by Devon Energy Production Company, LP.

Lease Numbers as follows but not limited to:

Section	Lease Number	Description of Section	Township & Range
Section 12	NMNM89051	SE4/SE4	T22S R30E
Section 13	NMNM89051	E2, E2/SW4, SE4/NW4	T22S R30E
Section 24	NMNM89051	All of Section 24 except W2/NW4	T22S R30E

If drilling is proposed on additional leases, the BLM will be advised when they are proposed.

1. Geologic Name of Surface Formation:

Permian

2. Estimated Tops of Important Geologic Markers:

Permian	Surface'
Base of Salt	3690'
Delaware	3950'
Bone Spring	7720'
Total Depth	7860'

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

Upper Permian Sands	100'	Fresh Water
Delaware	3950'	Oil
Delaware	7475'	Oil

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13 3/8" casing at approximately 620' and circulating cement back to surface. The Potash and salt will be protected by setting 8 5/8" casing at 3845' and circulating cement to surface. The 5 1/2" production casing to be set at TD will be cemented to surface.

UNITED STATES DEPARTMENT OF THE INTERIOR  
Bureau of Land Management  
Roswell Field Office  
2909 West Second Street  
Roswell, New Mexico 88201-1287

Statement Accepting Responsibility for Operations

Operator Name: **Devon Energy Production Company, LP**  
Street or Box: **20 North Broadway, Ste 1500**  
City, State: **Oklahoma City, OK 73102**  
Zip Code:

The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described below.

Lease No.: **NMNM89051**

Legal Description of Land: **Sec 12 – SE4/SE4**  
**Sec 13 – E2, E2/SW4, SE4/NW4**  
**Sec 24 – All of section 24 except**  
**W2/NW4**

Formation(s): **Delaware**

Bond Coverage: **Nationwide**

BLM Bond File No.: **CO1104**

Authorized Signature:



Title:

**James Blount**  
**Operations Engineering Advisor**

Date:

**7/16/03**

DE

NM 89051

Apache Fed 23 01  
100%W/87.5%NRI

NM 89051

100%W/87.5%NRI  
HBP

100%W/87.5%NRI  
HBP

NM 89051

Apache 24 Fed 01  
100%W/87.5%NRI

100%W/87.5%NRI  
HBP

NM 89052

NM 91509

Apache 25 Fed Com 02  
100%W/87.5%NRI

Form 3160-5  
(August 1999)

OPERATION

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.  
NMNM89051

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.

1. Type of Well  
 Oil Well  Gas Well  Other8. Well Name and No.  
APACHE 13 FED 32. Name of Operator  
DEVON ENERGY PRODUCTION CO L PContact: KAREN COTTOM  
E-Mail: karen.cottom@dev.com9. API Well No.  
30-015-33076-00-X13a. Address  
20 NORTH BROADWAY SUITE 1500  
OKLAHOMA CITY, OK 731023b. Phone No. (include area code)  
Ph: 405.228.7512  
F: 405.552.482110. Field and Pool, or Exploratory  
CABIN LAKE DELAWARE4. Location of Well (Footage, Sec. T, R., M. or Survey Description)  
Sec 13 T22S R30E NESE 1980FSL 330FEL11. County or Parish, and State  
EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 Drilling Operations
	<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 recompletes 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.)

11/28/03 - Spud 17 1/2" hole  
11/27/03 - Td'd surface hole, ran 17fts, 13 3/8", H40, ST&C csg set @ 619', cmt'd lead w/300 sx class c & tail w/250sx Class C, circ 92 sx to pit, WOC 24+ hrs  
12/4/03 - Td'd 11" hole, ran 84 fts, 8 5/8", 32#, J55, LT&C set @ 3866'  
12/5/03 - Cmt'd lead w/150sx Class H, 2nd lead w/900 sx Class C & tail w/200sx Class C, circ 112 sx to pit, WOC 24+ hrs  
12/10/03 - Td'd 7 7/8" hole, circ & cond for logs  
12/11/03 - Ran 171 fts 5 1/2", 15.5# & 17#, J55 LT&C set @ 7850', DV tool @ 4005', Cmt Stage 1 lead w/250 sx Class C tail w/300 sx Class C 2nd Stage Lead w/300 sx Class C & tail w/200 sx Class C, circ 42 sx to pit from DV tool, released rig

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

Electronic Submission #29162 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION CO L P, sent to the Carlsbad  
Committed to AFMS for processing by ARMANDO LOPEZ on 12/17/2003 (04AL0807SE)

Name (Printed/Typed) KAREN COTTOM

Title ENGINEERING TECHNICIAN

Signature (Electronic Submission)

Date 12/16/2003

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**Title ALEXIS C SWOBODA  
PETROLEUM ENGINEER *acs*

Date 12/16/2003

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 these rights in the subject lease which would enable the applicant to conduct operations thereon.

Office Carlsbad

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.

\*\* BLM REVISED \*\*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM89051

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
DEVON ENERGY PRODUCTION CO LP  
Contact: LINDA GUTHRIE  
E-Mail: linda.guthrie@dvn.com

8. Lease Name and Well No.  
APACHE 13 FEDERAL 3

3. Address 20 NORTH BROADWAY, STE 1500  
OKLAHOMA CITY, OK 73102  
3a. Phone No. (include area code)  
Ph: 405.228.8209

9. API Well No.  
30-015-33076

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface NESE 1980FSL 330FEL  
At top prod interval reported below NESE 1980FSL 330FEL  
At total depth NESE 1980FSL 330FEL

10. Field and Pool, or Exploratory  
CABIN LAKE DELAWARE

11. Sec., T., R., M., or Block and Survey  
or Area Sec 13 T2S R30E Mer NMP

12. County or Parish  
EDDY  
13. State  
NM

14. Date Spudded  
11/26/2003  
15. Date T.D. Reached  
12/10/2003  
16. Date Completed  
 D & A  Ready to Prod.  
12/18/2003

17. Elevations (DF, KB, RT, GL)\*  
3355 GL

18. Total Depth: MD 7850 TVD  
19. Plug Back T.D.: MD 7802 TVD  
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GR-CBL-CCL-PEX-AIT-CMR-CNL  
22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	619		550			
11.000	8.625 J55	32.0	0	3868		1250			
7.875	5.500 J55	15.5	0	7850		1050			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	7670							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	7624	7640	7624 TO 7640		32	PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7624 TO 7640	FRAC W/218,000# OTTAWA SAND

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JAN 20 2004

OCD-ARTESIA

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/22/2003	01/11/2004	24	→	58.0	66.0	210.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	500	100.0	→	58	66	210	1138	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #26875 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
BRUSHY CANYON	6441	7775		RUSTLER SALADO BASE SALT DELAWARE CHERRY CANYON BRUSHY CANYON BONE SPRING	451 744 3805 3860 4813 6441 7775

32. Additional remarks (include plugging procedure):

12/10/03 TD'd well at 7850'  
12/14/03 Perf'd 7624 - 7640' w/ 2 shots per foot. Frac w/ 218,000# 16/30 Ottawa sand.  
12/18/03 Hung well on.

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #26875 Verified by the BLM Well Information System.  
For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad

Name (please print) LINDA GUTHRIE Title OPERATIONS ASSOCIATE

Signature \_\_\_\_\_ (Electronic Submission) Date 01/16/2004

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 \*\***



# DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 • Artesia, NM 88211-0160 • Office (505) 748-8704 • Fax (505) 748-8719

December 12, 2003

Devon Energy Production Company, LP  
20 North Broadway, Suite 1500  
Oklahoma City, Oklahoma 73102

Re: Apache 13 Fed #3  
Section 13, T-22-S, R-30-E  
Eddy County, New Mexico

Attention: David Spitz

The following is a Deviation Survey on the above referenced well in Eddy County, New Mexico:

196' - 1/2°	3248' - 4 1/4°	4789' - 1°
619' - 1°	3311' - 4°	5248' - 1/4°
1089' - 1 3/4°	3410' - 4°	5695' - 1/4°
1213' - 1 1/2°	3517' - 3 1/4°	6172' - 1/4°
1691' - 1 1/2°	3612' - 3 1/2°	6652' - 1°
2811' - 1°	3740' - 2 1/2°	7130' - 1 1/2°
3058' - 3°	3823' - 1 1/2°	7608' - 1 1/2°
3186' - 4°	4291' - 3/4°	7807' - 1 3/4°

Sincerely,

Jerry W. Wilbanks  
President

STATE OF NEW MEXICO )  
COUNTY OF CHAVES )

The foregoing was acknowledged before me this 12<sup>th</sup> day of December, 2003 by Jerry W. Wilbanks.

MY COMMISSION EXPIRES

June 19<sup>th</sup>, 2007

NOTARY PUBLIC

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  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals & Natural Resources Department

Form C-104  
 Revised October 18, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 5 Copies

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

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

Operator Name and Address Devon Energy Production Company, LP 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260		OGRID Number 6137
API Number 30-015-33076		Reason for Filing Code NW
Property Code	Pool Name Cabin Lake Delaware	Pool Code 8935
	Property Name Apache 13 Federal	Well Number 3

**II. Surface Location**

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
	13	22S	30E		1980	FSL	330	FEL	Eddy

**Bottom Hole Location**

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Lee Code	Producing Method Code		Gas Connection Date		C-129 Permit Number		C-129 Effective Date	C-129 Expiration Date	

**III. Oil and Gas Transporters**

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
36785	Duke PO Box 50020 Midland, TX 79710-0020		G	
35246	Shell Trading (US) Company PO Box 60628 Midland, TX 79711		O	

RECEIVED  
 JAN 20 2004  
 OCD-ARTESIA

**IV. Produced Water**

POD	POD ULSTR Location and Description
-----	------------------------------------

**V. Well Completion Data**

Spud Date	Ready Date	TD	PBTD	Perforations	DHC, DC, MC
11/26/2003		12/10/2003	7802	7624-7640	
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement		
17.5	13 3/8	619	550		
11	8 5/8	3866	1250		
7 7/8	5 1/2	7850	1050		
	2 7/8	7670			

**VI. Well Test Data**

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
12/22/2003	12/22/2003	1/11/2004	24	500	100
Choke Size	Oil	Water	Gas	AOP	Test Method
	58	210	66		

"I hereby certify that the rules of the Oil Conservation division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Linda Guthrie*  
 Printed Name: Linda Guthrie  
 Title: Operations Associate  
 Date: 1/16/2004 Phone: (405) 228-8209

OIL CONSERVATION DIVISION  
*Jerry W. Seem*  
 Approved by: \_\_\_\_\_  
 Title: SUPERVISOR, DISTRICT II  
 Approval Date: JAN 22 2004

If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

30-015-33076-00-00

APACHE 13 FED No. 003

Company Name: DEVON ENERGY PRODUCTION COMPANY, LP

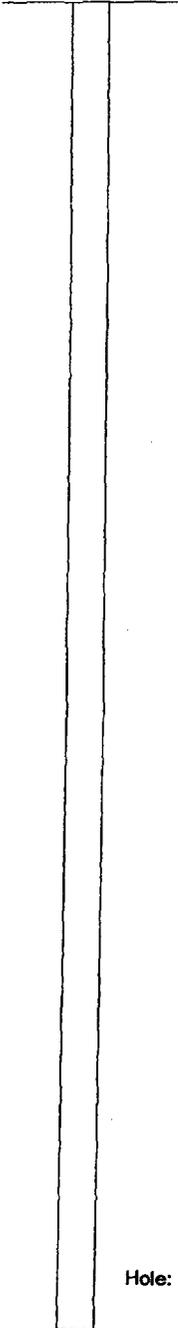
Location: Sec: 13 T: 22S R: 30E Spot:

String Information

Lat/Long: Lat: 0 Long: 0

Property Name: APACHE 13 FED

County Name: Eddy



Cement Information

Perforation Information

Formation Information

St Code	Formation	Depth
Prust	Rustler	451
Psai	Salado	746
Pbslt	Base of Salt	3654
Plals	Lamar Limestone	3860
Pbc	Bell Canyon	3907
Pcc	Cherry Canyon	4813
Pbrc	Brushy Canyon	6441
Pbs	Bone Spring	7775

Hole: Unknown

TD: 0

TVD: 0

PBTD: 0

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**NMOC**

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM89051

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
DEVON ENERGY PRODUCTION CO L P  
 Contact: LINDA GUTHRIE  
 E-Mail: linda.guthrie@dvn.com

8. Lease Name and Well No.  
APACHE 13 FED 3

3. Address 20 NORTH BROADWAY SUITE 1500  
OKLAHOMA CITY, OK 73102  
 3a. Phone No. (include area code)  
 Ph: 405.228.8209

9. API Well No.  
30-015-33076-00-S1

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface NESE 1980FSL 330FEL  
 At top prod interval reported below NESE 1980FSL 330FEL  
 At total depth NESE 1980FSL 330FEL

10. Field and Pool, or Exploratory  
CABIN LAKE DELAWARE

11. Sec., T., R., M., or Block and Survey  
or Area Sec 13 T22S R30E Mer NMP

12. County or Parish  
EDDY  
 13. State  
NM

14. Date Spudded  
11/26/2003  
 15. Date T.D. Reached  
12/10/2003  
 16. Date Completed  
 D & A  Ready to Prod.  
12/18/2003

17. Elevations (DF, KB, RT, GL)\*  
3355 GL

18. Total Depth: MD 7850  
TVD  
 19. Plug Back T.D.: MD 7802  
TVD  
 20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GR-CBL-CCL-PEX-

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 H40	48.0	0	618		550			
11.000	8.825 J55	32.0	0	3886		1250			
7.875	5.500 J55	18.0	0	7850		1050			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875		7670						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	7624	7640	7624 TO 7640		32	PRODUCING
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
7624 TO 7640	FRAC W/218,000# OTTAWA SAND

**RECEIVED**  
JAN 22 2004  
**OCU-ARTESIA**

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCP	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/22/2003	01/11/2004	24	→	58.0	66.0	210.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCP	Water BBL	Gas:Oil Ratio	Well Status	
SI	500	100.0	→	58	66	210	1138	POW	

**ACCEPTED FOR RECORD**  
JAN 21 2004  
ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCP	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCP	Water BBL	Gas:Oil Ratio	Well Status	
SI			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #26875 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\*

**28b. Production - Interval C**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

**28c. Production - Interval D**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
**SOLD**

30. Summary of Porous Zones (Include Aquifers):  
 Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
BRUSHY CANYON	6441	7775		RUSTLER ANHYDRITE	451
				TOP SALT	744
				BASE OF SALT	3605
				DELAWARE	3860
				CHERRY CANYON	4813
				BRUSHY CANYON	6441
			BONE SPRING	7775	

32. Additional remarks (include plugging procedure):  
 12/10/03 TD'd well at 7850  
 12/14/03 Perf'd 7624 - 7640' w/ 2 shots per foot. Frac w/ 218,000# 16/30 Ottawa sand.  
 12/18/03 Hung well on.

33. Circle enclosed attachments:
- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #26875 Verified by the BLM Well Information System.  
 For DEVON ENERGY PRODUCTION CO L P, sent to the Carlsbad  
 Committed to AFMSS for processing by ARMANDO LOPEZ on 01/20/2004 (04AL0027SE)

Name (please print) LINDA GUTHRIE Title OPERATIONS ASSOCIATE

Signature \_\_\_\_\_ (Electronic Submission) Date 01/16/2004

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.

**\*\* REVISED \*\* REVISED \*\***

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.  
NMNM89051

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.  
APACHE 13 FED 3

9. API Well No.  
30-015-33076-00-S1

10. Field and Pool, or Exploratory  
CABIN LAKE DELAWARE

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

1. Type of Well  
 Oil Well  Gas Well  Other

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

3a. Address  
20 NORTH BROADWAY SUITE 1500  
OKLAHOMA CITY, OK 73102

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 13 T22S R30E NESE 1980FSL 330FEL

RECEIVED  
FFR 1 0 7004

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

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, LP request approval to add additional pay as follows:

1. RU Baker Atlas & RIH w/4" csg gun & perf Brushy Canyon 2 SPF (120 phased) from 7316-26 & 6798-6814 (52 holes). Set CIBP @ 7600 & dump 10' cmt on top.
2. RIH w/pkr, to 7220 & set pkr.
3. Acidize zone w/1000 gal 7.5% Pentol acid PU & reset pkr @ 7220.
4. Frac zone down tbg w/28,000# @ 15 BPM w/16/30 Ottawa as per BJ recommendation.
5. Rel pkr & POOH. RIH w/RBP, pkr, & tbg to 7200. Set RBP & test plug to 3000 psi.
6. PU to 6700 & set pkr.
7. Acidize zone w/1500 gal 7.5% Pentol acid Release pkr & RIH thru perfs to clear balls. PU & reset pkr @ 6700. ND BOP & NU tree.
8. Frac zone down tbg w/28,000# @ 15 BPM w/16/30 Ottawa as per BJ recommendation. If upper zone flows, continue flow testing zone. If upper zone stops flowing, attempt to swab in

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

Electronic Submission #27341 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION CO L P, sent to the Carlsbad  
Committed to AFMS for processing by ARMANDO LOPEZ on 01/30/2004 (04AL0059SE)

Name (Printed/Typed) KAREN COTTOM Title ENGINEERING TECHNICIAN

Signature (Electronic Submission) Date 01/29/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By LES BABYAK Title PETROLEUM ENGINEER Date 02/06/2004

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 Carlsbad

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.

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

**Additional data for EC transaction #27341 that would not fit on the form**

**32. Additional remarks, continued**

for 1-2 days & continue with Procedure.

9. Rel pkr & RIH to RBP @ 7200. Release RBP & POOH w/tbg, pkr, & RBP.

10. RIH w/MA, perf sub, SN, 12 jts 2 7/8 6.5# J-55 tbg, TA, & 2 7/8 tbg to 7350 (EOT). ND BOP, set TA, & NU WH.

11. RIH w/2 x 1 pump, 20-1 D rods, 178-3/4 & 94-7/8 Norris 97 rods. Hang well on to pump @ 8 x 144 SPM. RDMO PU