Form 3160-3
(August, 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. DIV-Dist. 2
1301 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: ☒ DRILL ☐ REENTER	5. LEASE DESIGNATION AND SERIAL NO. NMNM89051
b. TYPE OF WELL: ☒ OIL WELL ☐ GAS WELL ☐ Other ___ ☐ SINGLE ZONE ☐ 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	3b. TELEPHONE (Include area code). (405) 235-3611
	8. FARM OR LEASE NAME, WELL NO. APACHE 24 FEDERAL #5
4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)* At surface 660' FNL & 330 FEL, NENE	9. API WELL NO. 30-015-33082
At top proposed prod. zone 660' FNL & 330 FEL, NENE R-111-POTASH	10. FIELD AND POOL, OR WILDCAT UNDESIGNATED Quahada Ridge;
	11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SEC 13 T22S R30E Del., SE 24

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*	12. COUNTY OR PARISH	13. STATE
APPROXIMATELY 46 MILES WEST FROM JAL NEW MEXICO	EDDY	NM

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line if any)	16. NO. OF ACRES IN LEASE	17. Spacing Unit dedicated to this well
330	440.00	40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. BLM/BIA Bond No. on file**
	7860'	CO1104
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	**22. APPROX. DATE WORK WILL START***	**23. Estimated duration**
3378' GR	9/1/03	45 DAYS

OCT 2003
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OCD - ARTESIA

24. Attachments

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

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. 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_2S 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	Name (Printed/Typed)	Date
Karen Cottom	KAREN COTTOM	JULY 16, 2003
Title: OPERATIONS TECHNICIAN		
Approved by (signature): /s/ Carsten F. Goff	Name (Printed/Typed): Carsten F. Goff	Date: 16 OCT 2003
Title: ACTING STATE DIRECTOR	Office: 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. 0.75 mile to a point on the proposed well pad.

Approximately 42' 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
1625 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

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

Form C-102
Revised March 17, 1999

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		UNDESIGNATED

Property Code	Property Name	Well Number
	APACHE "24" FEDERAL	5

OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION CO., L.P.	3378'

Surface Location

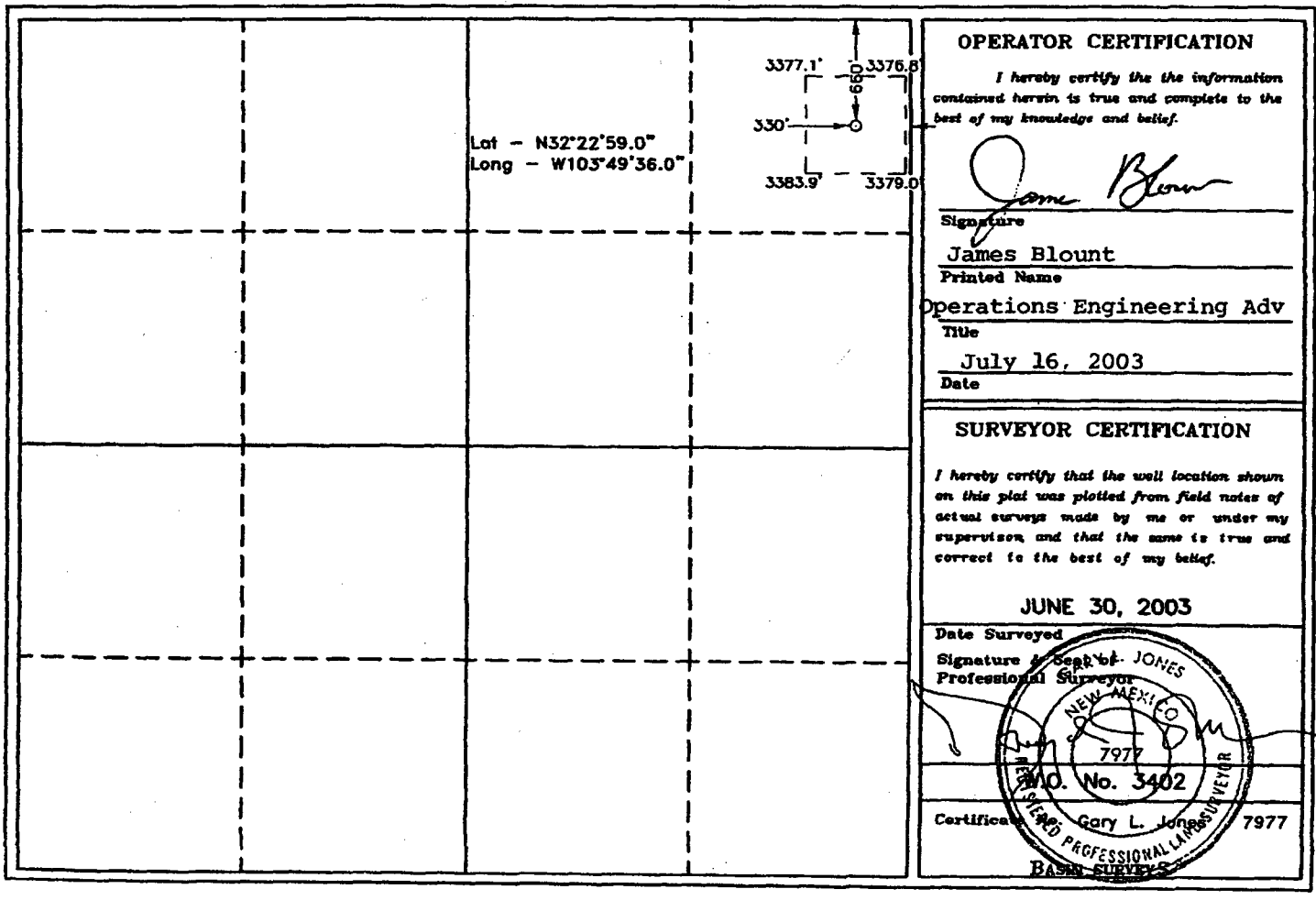
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	24	22 S	30 E		660	NORTH	330	EAST	EDDY

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



OPERATOR CERTIFICATION

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

Signature

James Blount
Printed Name

Operations Engineering Adv
Title

July 16, 2003
Date

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 supervison, and that the same is true and correct to the best of my belief.

JUNE 30, 2003
Date Surveyed

Signature & Seal of Professional Surveyor

NEW MEXICO 7977 REGISTERED PROFESSIONAL LAND SURVEYOR GARY L. JONES

W.O. No. 3402

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

1

R-111-P-POTASH

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 ½" production casing to be set at TD will be cemented to surface.

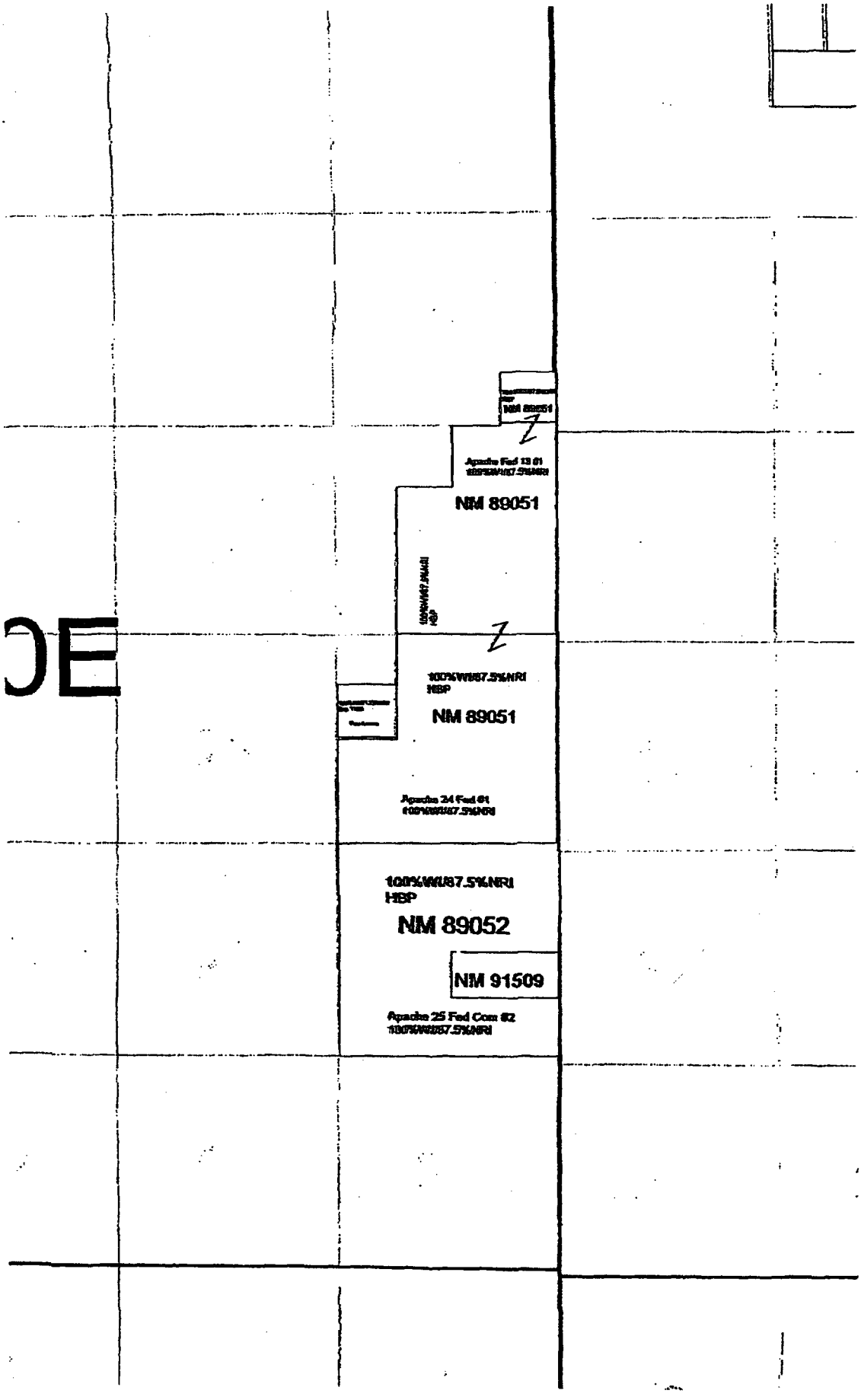
UNITED STATES DEPARTMENT OF THE INTERIOR
Bureau of Land Management
Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201-1287

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


NM 89051
NM 89051
100%W/87.5%NRI
HBP
NM 89051
100%W/87.5%NRI
HBP
NM 89052
NM 91509

NMOCD

Form 3160-5
(August 1999)

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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5. Lease Serial No.
NMNM89051

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.
APACHE 24 FED 5

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

9. API Well No.
30-015-33082-00-X1

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

10. Field and Pool, or Exploratory
QUAHADA RIDGE DELAWARE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 24 T22S R30E NENE 660FNL 330FEL

11. 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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Well Spud
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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.)

11/12/03 - Spud 17 1/2" hole
11/13/03 - Ran 13 jts 48#, H40 ST&C csg set @ 625', cmt'd lead w/350 sx Class C tail w/250 sx Class C, circ 108 sx to pit WOC 23 hrs
11/18/03 - TD'd 11" hole ran 84 jts 8 5/8", 32#, J55 LT&C csg set @3838', cmt'd lead w/800 sx Class C & tail w/200 sx Class C, circ 138 sx to pit WOC 24hrs
11/23/03 - Td'd 7 7/8" hole, circ & cond for logs
11/25/03 - Ran 173 jts 5 1/2", 17# & 15.5#, J55, LT&C set @ 7850', DV Tool @4000', cmt'd 1st lead 430 sx Class C & tail 300 sx Class C, circ 100 sx to pit, 2nd Stage lead 450sx Class C, 175sx Class C, circ 153 sx to pit, released rig

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #25627 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 12/03/2003 (04AL0124SE)

Name *(Printed/Typed)* KAREN COTTOM — Title ENGINEERING TECHNICIAN

Signature (Electronic Submission) — Date 12/03/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED — ALEXIS C SWOBODA — Title PETROLEUM ENGINEER — Date 12/04/2003

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 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 ****

Form 3160-4
(August 1999)

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: KAREN COTTOM
E-Mail: karen.cottom@dvn.com

8. Lease Name and Well No.: APACHE 24 FEDERAL 5

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

9. API Well No.: 30-015-33082

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: NENE 660FNL 330FEL
At top prod interval reported below: NENE 660FNL 330FEL
At total depth: NENE 660FNL 330FEL

10. Field and Pool, or Exploratory: QUAHADA RIDGE DELAWARE; SE

11. Sec., T., R., M., or Block and Survey or Area: Sec 24 T22S R30E Mer NMP

12. County or Parish: EDDY
13. State: NM

14. Date Spudded: 11/12/2003
15. Date T.D. Reached: 11/23/2003
16. Date Completed: ☐ D & A ☒ Ready to Prod. 12/05/2003
17. Elevations (DF, KB, RT, GL)*: 3378 GL

18. Total Depth: MD 7850 TVD
19. Plug Back T.D.: MD 7808 TVD
20. Depth Bridge Plug Set: MD TVD

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

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	625		600		0	
11.000	8.625 J55	32.0	0	3838		1000		0	
7.875	5.500 J55	15.5	0	7850		1805		0	

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	7620							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	DELAWARE	7627	7642	7627 TO 7642		40	PRODUCING
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
7627 TO 7642	FRAC'D W/218,000# 16/30 OTTAWA & RC

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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
12/08/2003	12/15/2003	24	→	127.0	133.0	160.0	41.9		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	80.0	→	127	133	160	1047	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 #26210 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

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	6470	7772		RUSTLER	467
				SALADO	747
				BASE SALADO	3615
				BELL CANYON	3886
				CHERRY CANYON	4853
				BRUSHY CANYON	6470
				BONE SPRING	7772

32. Additional remarks (include plugging procedure):
12/2/03 - RIH w/4" csg gun perf 7627' - 42', SPF 40 holes, Frac'd down csg w/218,000#
16/30 Ottawa RC
12/4/03 - RIH w/2 7/8" tbg set @ 7620'
12/5/03 - RIH w/Rods & pump, hung well on production

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 #26210 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION CO. LP, sent to the Carlsbad

Name *(please print)* KAREN COTTOM Title ENGINEERING TECHNICIAN

Signature (Electronic Submission) Date 01/13/2004

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 fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

JW **DRILLING INC.** **Oil Well Drilling Contractor**

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

November 25, 2003

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

Re: Apache 24 Fed #5
Section 24, T-22S 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:

199' - 1/2°	3489' - 2 1/4°	5344' - 1/2°
578' - 1°	3616' - 3°	5822' - 1/2°
1098' - 1°	3759' - 2 1/4°	6269' - 1°
1576' - 1 3/4°	3795' - 2°	6747' - 1°
2532' - 1 1/2°	3971' - 3/4°	7226' - 1°
2979' - 1 1/4°	4451' - 3/4°	7705' - 1°
3202' - 1 3/4°	4898' - 3/4°	7807' - 2°

Sincerely,

Jerry W. Wilbanks
President

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JAN 16 2004
OCD-ARTESIA

STATE OF NEW MEXICO)
)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 25th day of November, 2003 by Jerry W. Wilbanks.

MY COMMISSION EXPIRES

June 19th, 2007

Virginia L Lee
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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

1 Operator Name and Address	2 OGRID Number
Devon Energy Production Company, LP 20 N. Broadway, Suite 1500 Oklahoma City, OK 73102-8260	6137
	3 Reason for Filing Code: NW

4 API Number	5 Pool Name	6 Pool Code
30-015-33082	Quahada Ridge Delaware, SE	50443
7 Property Code	**8 Property Name**	**9 Well Number**
33079	Apache 24 Federal	5

II. 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
A	24	T22S	R30E		660	North	330	East	Eddy

11 Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County

12 Lse Code	13 Producing Method Code	14 Gas Connection Date	15 C-129 Permit Number	16 C-129 Effective Date	17 C-129 Expiration Date
F	Pump	12/8/2003			

III. Oil and Gas Transporters

18 Transporter OGRID	19 Transporter Name and Address	20 POD	21 O/G	22 POD ULSTR Location and Description
035246	Shell Trading (US) Co P O Box 4604 Houston, TX 77210	2820532	O	
151618	El Paso 1001 Louisiana Houston, TX 77002	2821689	G	
				RECEIVED JAN 16 2004
				OCD-ARTESIA

IV. Produced Water

23 POD	24 POD ULSTR Location and Description
2820537	

V. Well Completion Data

25 Spud Date	26 Ready Date	27 TD	28 PBTD	29 Perforations	30 DHC, DC, MC
11/12/2003	12/5/2003	7850	7808	7627' - 7642'	

31 Hole Size	32 Casing & Tubing Size	33 Depth Set	34 Sacks Cement
17 1/2	13 3/8"	625	600
11"	8 5/8"	3838	1000
7 7/8"	5 1/2"	7850'	1805
	2 7/8"	7620'	

VI. Well Test Data

35 Date New Oil	36 Gas Delivery Date	37 Test Date	38 Test Length	39 Tbg. Pressure	40 Csg. Pressure
12/8/2003	12/8/2003	12/15/2003	24	500	80
41 Choke Size	**42 Oil**	**43 Water**	**44 Gas**	**45 AOF**	**46 Test Method**
	127	160	133		pump

47 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: Karen Cottom Printed Name: Karen Cottom Title: Engineering Tech Date: 1/13/2004 Phone: (405) 228-7512	OIL CONSERVATION DIVISION Approved by: Jerry W. Sexton Title: SUPERVISOR, DISTRICT II Approval Date: JAN 17 2004

48 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

30-015-33082-00-00 **APACHE 24 FEDERAL No. 005**

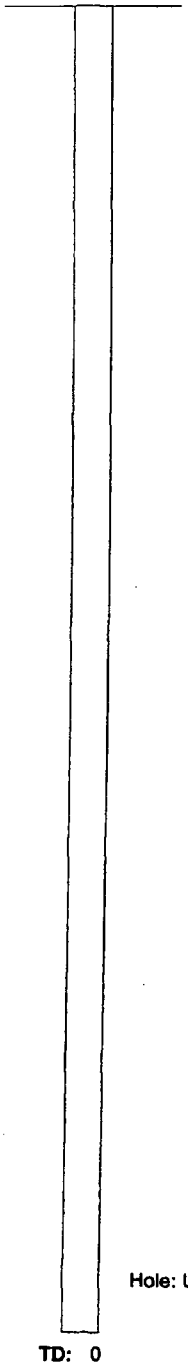
Company Name: DEVON ENERGY PRODUCTION COMPANY, LP

Location: Sec: 24 T: 22S R: 30E Spot:

Lat/Long: Lat: 0 Long: 0

Property Name: APACHE 24 FEDERAL

County Name: Eddy



TD: 0 **TVD:** 0 **PBTD:** 0

String Information

Cement Information

Perforation Information

Formation Information

St Code	Formation	Depth
Prust	Rustler	467
Psal	Salado	747
Pbslt	Base of Salt	3615
Plals	Lamar Limestone	3886
Pbc	Bell Canyon	3934
Pcc	Cherry Canyon	4853
Pbrc	Brushy Canyon	6470
Pbs	Bone Spring	7772

Form 3160-4
(August 1999)

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 L P
Contact: KAREN COTTOM
E-Mail: karen.cottom@dvn.com

8. Lease Name and Well No.
APACHE 24 FED 5

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

3a. Phone No. (include area code)
Ph: 405.228.7512

9. API Well No.
30-015-33082-00-X1

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NENE 660FNL 330FEL

At top prod interval reported below NENE 660FNL 330FEL

At total depth NENE 660FNL 330FEL

10. Field and Pool, or Exploratory
QUAHADA RIDGE DELAWARE

11. Sec., T., R., M., or Block and Survey or Area Sec 24 T22S R30E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
11/12/2003

15. Date T.D. Reached
11/23/2003

16. Date Completed
☐ D & A ☒ Ready to Prod.
12/05/2003

17. Elevations (DF, KB, RT, GL)*
3378 GL

18. Total Depth: MD 7850 TVD

19. Plug Back T.D.: MD 7808 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GRCCLCBL

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	625		600		0	
11.000	8.625 J55	32.0	0	3838		1000		0	
7.875	5.500 J55	16.0	0	7850		1805		0	

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	7620							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	DELAWARE	7627	7642	7627 TO 7642		40	PRODUCING
B)							
C)							
D)							

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

Depth Interval	Amount and Type of Material
7627 TO 7642	FRAC'D W/218,000# 16/30 OTTAWA & RC

RECEIVED
JAN 21 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
12/08/2003	12/15/2003	24	→	127.0	133.0	160.0	41.9		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	80.0	→	127	133	160	1047	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
			→					

ACCEPTED FOR RECORD
JAN 16 2004
LES BABYAK
PETROLEUM ENGINEER

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

ELECTRONIC SUBMISSION #26210 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** 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	6470	7772		RUSTLER ANHYDRITE	467
				SALADO	747
				BASE OF SALT	3615
				BELL CANYON	3886
				CHERRY CANYON	4853
				BRUSHY CANYON	6470
				BONE SPRING	7772

32. Additional remarks (include plugging procedure):
12/2/03 - RIH w/4" csg gun perf 7627' - 42', SPF 40 holes, Frac'd down csg w/218,000#
16/30 Ottawa RC
12/4/03 - RIH w/2 7/8" tbg set @ 7620'
12/5/03 - RIH w/Rods & pump, hung well on production

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 #26210 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION CO L P, sent to the Carlsbad
Committed to AFMSS for processing by LINDA ASKWIG on 01/13/2004 (04LA0087SE)

Name *(please print)* KAREN COTTOM Title ENGINEERING TECHNICIAN

Signature (Electronic Submission) Date 01/13/2004

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 fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****