

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 Serial No. SF-080557
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator DEVON ENERGY PRODUCTION CO LP		7. If Unit or CA Agreement, Name and No.
Contact: PATTI RIECHERS E-Mail: patti.riechers@dmv.com		8. Lease Name and Well No. NORTHEAST BLANCO UNIT 449A
3a. Address 20 N BROADWAY, SUITE 1500 OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405.228.4248 Fx: 405.228.4848	9. APL Well No. 30-045-32172
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NENW Lot C 80FNL 560FWL At proposed prod. zone NENW Lot C 750FNL 750FWL		10. Field and Pool, or Exploratory FRUITLAND COAL
14. Distance in miles and direction from nearest town or post office* APPROXIMATELY 31 MILES NORTHEAST OF AZTEC NM		11. Sec., T., R., M., or Blk. and Survey or Area Sec 19 T31N R7W Mer NMP
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 750	16. No. of Acres in Lease 320.00	12. County or Parish SAN JUAN
17. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	18. Proposed Depth 3703 MD 3604 TVD	13. State NM
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6567 GL	22. Approximate date work will start	7. Spacing Unit dedicated to this well 259.82 W 2
20. BLM/BIA Bond No. on file		23. Estimated duration 20 DAYS

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.

25. Signature (Electronic Submission)	Name (Printed/Typed) PATTI RIECHERS	Date 01/30/2004
Title AUTHORIZED SIGNATURE		
Approved by (Signature) /s/ David J. Mankiewicz	Name (Printed/Typed)	Date FEB 25 2004
Title		Office

Application approval does not warrant or certify 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.

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.

Additional Operator Remarks (see next page)

Electronic Submission #26793 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION CO LP, sent to the Farmington

HOLD C104 FOR Directional Survey

Drilling operations are subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

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

NMOCD

District I  
PQ Box 1980, Hobbs NM 88241-1980  
District II  
PO Drawer KK, Artesia, NM 87211-0719  
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 21, 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

1 API Number 30-045-32172		2 Pool Code 71629		3 Pool Name Bosin Fruitland Coal		
4 Property Code 19641		5 Property Name NEBU			6 Well Number # 449A	
7 OGRID No. 6137		8 Operator Name Devon Energy Production Company, L.P.			9 Elevation 6567	

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
C	19	31 N	7 W		80	NORTH	560	WEST	SAN JUAN

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
C	19	31 N	7 W		750	NORTH	750	WEST	SAN JUAN

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No. R-8888 *	(Copy of order attached)
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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

<p>16</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <i>Patricia Richers</i></p> <p>Printed Name: Patricia Richers</p> <p>Title: Sr. Operations Tech</p> <p>Date: Feb 13, 2004</p>
	<p>18 SURVEYOR CERTIFICATION</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>August 18, 2003</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor: <i>GARY D. TANN</i></p> <p>7016</p> <p>Certificate Number</p>

\* This non-standard acreage also includes the N/2 NW/4 of Section 30, (R) - GLO Record

**NEBU 449A  
Unit C 19-31N-7W  
San Juan Co., NM**

**DRILLING PLAN**

**1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS & ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:**

Formation	TYD (ft)	TMD (ft)	Hydrocarbon/Water Bearing Zones
San Jose	Surface	Surface	
Ojo Alamo	2409	2493	Aquifer
Kirtland	2589	2682	
Fruitland	3109	3209	Gas
1 <sup>st</sup> Frl'd Coal	3229	3329	Gas
Upper PC Sand Tongue	3374	3474	Gas
Lower FRLD	3464	3564	Gas
Pictured Cliffs	3504	3603	Gas
TD	3604	3703	

All shows of fresh water and minerals will be adequately protected and reported. A 100' sump will be drilled into the Picture cliffs. A mud logger will be on location collecting samples and measuring gas levels. Should the Picture Cliffs interval appear to be productive the sump will be filled with cuttings and abandoned

**2. PRESSURE CONTROL EQUIPMENT:**

All well control equipment shall be in accordance with Onshore Order #2 for 2M systems.

The minimum specifications for pressure control equipment that will be provided are included on the attached schematic diagram, which shows the size, and pressure ratings.

2000# BOP With Pipe Rams and 2000# BOP With Blind Rams

Auxiliary equipment to be used:

- Upper kelly cock with handle available.

The manifold includes appropriate valves and adjustable chokes. The kill line will have one check valve. Ram type preventers will be pressure tested to full working pressure (utilizing a test plug) or 70% of the internal yield pressure (without a test plug) at:

- Initial installation

- Whenever any seal subject to test pressure is broken
- Following related repairs
- At 30 day intervals

Pipe and blind rams shall be activated each trip.

A BOPE pit level drill will be conducted weekly for each drilling crew.  
All tests and drills will be recorded in the drilling log.

The accumulator will have sufficient capacity to close all rams and retain 200 psi above pre-charge pressure without the use of closing unit pumps.

Master controls will be at the accumulator. Anticipated bottom hole pressure is 1000 psi.

### 3. **CASING & CEMENTING PROGRAM:**

A. The proposed casing program will be as follows:

TVD	TMD	Hole Size	Size	Grade	Weight	Thread	Condition
0-285	0-285	12-1/4"	9-5/8"	H-40	32#	STC	New
0-3109	0-3320	8-3/4"	7"	K-55	23#	LTC	New
0- TD	0- TD	6-1/4"	5-1/2"*	K-55	15.5 #	LTC	New

The 9-5/8" surface pipe will be tested to 750 psi. All casing strings below the surface shoe shall be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi, whichever is greater, but not to exceed 70% minimum internal yield.

**Surface:** The bottom three joints of the surface casing will have a minimum of one centralizer per joint and one centralizer every joint thereafter (Total 5 centralizers estimated)

**7" Casing:** The bottom three joints of the 7" casing will have a minimum of one centralizer per joint and one centralizer every fifth joint thereafter to above Ojo Alamo with turbolizers below and throughout the Ojo Alamo. (Total 12 centralizers, 3 turbolizers estimated).

B. The proposed cementing program will be as follows:

#### **Surface String:**

9-5/8" Surface cemented in a 12-1/4" hole at 285'.  
32.3# H-40 ST&C 8 Rnd  
Saw tooth guide shoe  
Cemented with 200 sacks Class B mixed at 15.6 ppg w/.25 pps  
Celloflake, 2% calcium chloride. Yield 1.19 ft<sup>3</sup>/sx ,cement  
Designed to circulate to surface.

**Production String:**

7" Production casing cemented in an 8-3/4" hole  
 23# J-55 LT&C 8 Rnd  
 Float collar  
 Joint  
 Float Shoe  
 Cement with Lead: 500 sacks Class B 50/50 POZ, 3% gel, 5#  
 gilsonite,  
 1/4"# Flocele, .1% CFR 3, .2% Halad 344, yield 1.47 ft3/sx. Tail:  
 25 sx Class 'B'. 1.18 ft3/sx.  
 Cement designed to circulate to surface.  
 Pending hole conditions, cement baskets may be installed above  
 TD

**Liner:**

5-1/2" liner\*  
 15.5# J-55 LT&C 8 Rnd  
 Shoe  
 Not Cemented

\* May not be run pending hole conditions.

If well does not respond to proposed to completion, the 5 1/2 " liner will be cemented using class B 50/50 POZ, 3% gel, 5# gilsonite, 1/4"# Flocele, .1% CFR 3, .2% Halad 344, yield 1.47 ft3/sx.

**4. DRILLING FLUIDS PROGRAM:**

TVB	TMD	Type	Weight (ppg)	Viscosity	pH	Water Loss	Remarks
0-285'	0-285'	Spud	8.4-9.0	29-70	8.0	NC	FW gel,
285-3220'	285-3320'	LSND	8.4-9.0	29-70	8.0	10-12	LCM as needed
3220 - TD	3320 - TD	Air					Foam as needed

NC = no control

Sufficient quantities of mud material will be maintained on site or be readily accessible for the purpose of assuring well control. SPR will be recorded on daily drilling report after mudding up. Visual mud monitoring will be conducted during operations.

**5. EVALUATION PROGRAM:**

Wireline Logs: None



Devon Energy Corporation  
20 North Broadway  
Oklahoma City, Oklahoma 73102-8260

February 9, 2004

*Release date:  
2-25-04*

New Mexico Oil Conservation Commission  
District III  
1000 Rio Brazos Road  
Aztec, NM 87410

RE: Notification of Application for Permit to Drill  
**NEBU 449A Well**  
750' FNL x 750' FWL Section 19, T-31-N, R-7-W  
San Juan County, New Mexico



ATTN: Steve Hayden

Enclosed, as required under Order R-8768-F dated July 17, 2003, you will find a copy of the notification letter to offset operator(s) of the intent to drill an Optional Infill Well in the High Productivity Area of the Basin-Fruitland Coal Pool by Devon Energy Production Company L.P.

You may contact me with any comments or questions at the (405) 228-7533.

Cordially,

**DEVON ENERGY PRODUCTION COMPANY, L.P.**

Teresia D. McGinnis  
Contract Landman  
(405) 228-7533  
Mid America Tower, Suite 12.12  
20 North Broadway, Suite 1500  
Oklahoma City, OK 73102-8260  
[teresia.mcgininis@devon.com](mailto:teresia.mcgininis@devon.com)

Attachment: Correspondence & Documentation to Offset Operator(s)  
Mailing Return Receipt  
(NMOCD holds 30 days before processing if only a copy of the letter to offset operators are attached)  
(NMOCD holds 20 days before processing if copies of return receipts are attached and forwarded)

UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Devon Energy Production Company LP  
Attention: Teresia D. McGinnis  
20 North Broadway, Suite 1500  
Oklahoma City, OK 73102-8260

RECEIVED

FEB - 9 2004

LAND DEPT.

449A

12



**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**Burlington Resources Oil &  
Gas Company  
ATTN: Alan Alexander  
P.O. Box 4289  
Farmington, NM 87499-4289**

2. Article Number

(Transfer from service label)

7003 1680 0002 1827 9666

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

*Robert Williams*

☐ Agent

☐ Addressee

B. Received by (Printed Name)

*Robert Williams*

C. Date of Delivery

*2-5-04*

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes



*upon receipt - copy 3  
mail to NMOC or operations  
file in book  
will file  
S-T-R*

Devon Energy Corporation  
20 North Broadway  
Oklahoma City, Oklahoma 73102-8260

February 2, 2004

(Certified Mail - Return Receipt Requested)

Burlington Resources Oil & Gas Company  
P.O. Box 4289  
Farmington, NM 87499-4289

RE: Notification of Application for Permit to Drill  
NEBU 449A Well  
750' FNL x 750' FWL Section 19, T-31-N, R-7-W  
San Juan County, New Mexico

Attention: Alan Alexander

Devon Energy Production Company L.P. ("Devon") is submitting the enclosed Application for Permit to Drill the Northeast Blanco Unit 449A Well to the appropriate regulatory agency(s) for approval.

Pursuant to New Mexico Oil Conservation Commission Order R-8768-F dated July 17, 2003, consider the enclosed copy of this Application for Permit to Drill, including NMOC form G-102, to serve as notice of Devon's intent to drill an Optional Infill Well in the High Productivity Area of the Basin-Fruitland Coal Pool.

Affected parties have twenty (20) days from receipt of this notice in which to file with the District Office of the New Mexico Oil Conservation Division written objection to the proposed Application for Permit to Drill.

Cordially,

**DEVON ENERGY PRODUCTION COMPANY L.P.**

*Teresia D. McGinnis, CPL*  
Contract Landman  
(405) 228-7533  
[Teresia.mcginis@dvn.com](mailto:Teresia.mcginis@dvn.com)

cc: NMOC, District III  
1000 Rio Brazo Road  
Aztec, NM 87410  
ATTN: Steve Hayden

Attachment: BLM Form 3160-3  
NMOC Form G-102  
Area Map

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**ConocoPhillips Company  
ATTN: Jennifer Barber  
P. O. Box 2197  
Houston, TX 77252-2197**

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

**FEB - 4 2004**

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

2. Article Number

(Transfer from service label)

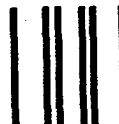
**7003 1680 0002 1827 9864**

PS Form 3811, August 2001

Domestic Return Receipt

102585-02-M-1540

UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

**Devon Energy Production Company LP  
Attention: Teresia D. McGinnis MAT 12  
20 North Broadway, Suite 1500  
Oklahoma City, OK 73102-8260**

**RECEIVED**

**FEB - 6 2004**

**LAN**

**449A**

