

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-078581-A
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@dvn.com		8. Lease Name and Well No. NEBU 437A
3a. Address 20 N BROADWAY, SUITE 1500 OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405.228.4248	9. API Well No. 3004532070
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface NENW Lot C 930FNL 1545FWL At proposed prod. zone NENW Lot C 930FNL 1545FWL		10. Field and Pool, or Exploratory FRUITLAND COAL
14. Distance in miles and direction from nearest town or post office* APPROX 26 MILES NW OF AZTEC, NM.		11. Sec., T., R., M., or Blk. and Survey or Area Sec 12 T30N R8W Mer NMP
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease 596.07	12. County or Parish SAN JUAN
17. Spacing Unit dedicated to this well 312.77 W/2	18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.	13. State NM
19. Proposed Depth 3324 MD	20. BLM/BIA Bond No. on file	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 6363 GL	22. Approximate date work will start	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:

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.

25. Signature (Electronic Submission)	Name (Printed/Typed) PATTI RIECHERS	Date 12/12/2003
Title OPERATIONS TECHNICIAN		
Approved by (Signature) /s/ David J. Markiewicz	Name (Printed/Typed)	Date JAN 28 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 #26034 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION CO LP, sent to the Farmington

This action is 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 **

NMOC

District I
PO 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. Well Number 30-045-32070		2. Pool Code 71429		3. Pool Name Basin Fruitland Coal		
4. Property Code 19641		5. Property Name NEBU			6. Well Number # 437A	
7. OGRID No. 6137		8. Operator Name Devon Energy Production Company, L.P.			9. Elevation 6363	

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	12	30 N	8 W		930	NORTH	1545	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

12. Dedicated Acres W/312.77	13. Joint or Infill	14. Consolidation Code	15. Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

						17. OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature <u>Patti Ricchens</u> Printed Name <u>Patti Ricchens</u> Title <u>Engineering Tech</u> Date <u>Dec 12, 2003</u>	
18. SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. August 19, 2003 Date of Survey Signature and Seal of Professional Surveyor 7016 Certificate Number							

(R) - BLM Record

**NEBU 437A
Unit C 12-30N-8W
San Juan Co., NM**

DRILLING PLAN

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

Formation	TYD (ft)	Hydrocarbon/Water Bearing Zones
San Jose	Surface	
Ojo Alamo	2218	Aquifer
Kirtland	2236	
Fruitland	2826	Gas
1 st Frlid Coal	2936	Gas
Upper PC Sand Tongue	3142	Gas
Lower FRLD	3178	Gas
Pictured Cliffs	3224	Gas
TD	3324	

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-closing pressure without the use of closing unit pumps.

Master controls will be at the accumulator. Anticipated bottom hole pressure is ³⁰⁰~~3400~~ psi.

3. **CASING & CEMENTING PROGRAM:**

A. The proposed casing program will be as follows:

TVD	Hole Size	Size	Grade	Weight	Thread	Condition
0-285	12-1/4"	9-5/8"	H-40	32#	STC	New
0-2916	8-3/4"	7"	K-55	23#	LTC	New
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 ft³/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 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.
 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:

TVD	Type	Weight (ppg)	Visco- sity	pH	Water Loss	Remarks
0-285'	Spud	8.4-9.0	29-70	8.0	NC	FW gel,
285-2916'	LSND	8.4-9.0	29-70	8.0	10-12	LCM as needed
2916 - 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

Released
January 11, 2004

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

December 19, 2003

(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 437A Well
930 FNL x 1545' FWL Section 12, T30N, R8W
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 437A 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 NMOCD 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.


Teresa D. McGinnis, CPL
Contract Landman
(405) 228-7533
Teresa.mcgininis@devon.com

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

Attachment: BLM Form 3160-3
NMOCD 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:

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

2. Article Number

(Transfer from service label)

7002 2030 0001 3841 3897

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

Robert Williams ☐ Agent ☐ Addressee

B. Received by (Printed Name)

Robert Williams

C. Date of Delivery

12-22-02

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

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
20 North Broadway Ste 100
Oklahoma City, OK 73102-8260

MCGWINIS
MAT-12.12

RECEIVED

DEC 29 2003

LAND DEPT.

