

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

Lease Serial No.

SF-079010

6. If Indian, Allottee or Tribe Name

19641

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

NORTHEAST BLANCO UNIT

8. Lease Name and Well No.

NEBU 71M

9. API Well No.

30-045-30668

10. Field and Pool, or Exploratory

I BLANCO MESAVERDE/BASIN DAKOTA

11. Sec., T., R., M., or Blk. And Survey or Area

23-31N-7W

1a. Type of Work ☒ DRILL ☐ REENTER

1b. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator

DEVON ENERGY PRODUCTION COMPANY, L.P.

3a. Address
ATTN: GAYLAN G. BUNAS, 20 NORTH BROADWAY, SUITE 1500,
OKLAHOMA CITY, OK 73102-8260

3b. Phone No. (include area code)

405-552-4594

4. Location of well (Report location clearly and in accordance with any State requirements.)*

At surface 1395' FSL & 665' FEL, UNIT I

At proposed prod. zone SAME

This action is subject to technical and
procedural review pursuant to 43 CFR 3165.3
and appeal pursuant to 43 CFR 3165.4.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 21 miles SE of Ignacio, CO

12. County or Parish

SAN JUAN

13. State

NM

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drlg unit line, if any)

665'

16. No. of Acres in lease

2560

17. Spacing Unit dedicated to this well

320 ACRES

E/2

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

NA

19. Proposed Depth

8075'

20. BLM/ BIA Bond No. on file

CO-1104

21. Elevations (Show whether DF, RT, GR, etc.)

6442' GL

22. Aproximate date work will start*

UPON APPROVAL

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:

COPIES OF WORKS AND ATTACHED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

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 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 a authorized officer.

25. Signature

Name (Printed/ Typed)

Date

GAYLAN G. BUNAS

11-19-01

Title

SR. ENGINEERING TECHNICIAN

Approved By (Signature)

Name (Printed/ Typed)

Date

Title

Office

FFO

2/1/02

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.

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.

* (Instructions on reverse)

NMOCD

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DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

DISTRICT II
811 South First, Artesia, N.M. 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30045-30668	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde/Basin Dakota
⁴ Property Code 19641	⁵ Property Name NEBU	⁶ Well Number 71M
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 6442

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
1	23	31-N	7-W		1395	SOUTH	665	EAST	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 MV - E/320 DK - E/320					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

<p>16</p>	<p>HE 23 N 7 W</p>	<p>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>Gaylan G. Bunas</u> Printed Name Sr. Engineering Tech. Title Date <u>11-19-01</u></p>
<p>23</p>	<p>LAT. 36°52'54" N LONG. 107°32'01" W</p>	<p>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 Date of Survey <u>8894</u> Signature and Seal of Registered Professional Land Surveyor 8894 Certificate Number</p>
<p>FD U.S.G.L.O. BC. 1914</p>	<p>2642.8' 1395' 76' 665' 1243' 2638.3' N 0-01-17 E S 89-56-19 W</p>	<p>FD U.S.G.L.O. BC. 1914</p>

SE/4 SEC. 23, T-31-N, R-7-W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO
1395' FSL 665' FEL

SE/4 SEC. 23, T-31-N, R-7-W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO
1395' FSL 665' FEL

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
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.

3. CASING & CEMENTING PROGRAM:

A. The proposed casing program will be as follows:

Depth	Hole Size	Size	Grade	Weight	Thread	Condition
0-250'	12-1/4"	9-5/8"	H-40	32#	STC	New
0-3590'	8-3/4"	7"	K-55	20#	STC	New
0-TD	6-1/4"	4-1/2"	K-55	11.6 #	LTC	New

All casing strings below the conductor 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.

The bottom three joints of the surface casing will have one centralizer per joint and one centralizer every fourth joint thereafter.

B. The proposed cementing program will be as follows:

Surface String: Cement will be circulated to surface. Estimated volume (180% of theoretical value):

Lead: 200 sks Class "B" with additives mixed at 15.6 ppg, 1.18 ft³/sks.

Intermediate String: Cement stage collar at 2850'.

First Stage: 225 sks 50/50 "G" Poz with additives mixed at 13.5 ppg, 1.28 ft³/sks, circulated to stage collar.

Second Stage: 350 sks Lite cement with additives mixed at 11.5 ppg, 2.40 ft³/sks, circulated to surface.

Production String: TOC will be tied into the intermediate casing. *100' minimum*

Lead: 600 sks Class "G" cement with additives mixed at 15.8 ppg, 1.15 ft³/sks.

Actual volumes will be calculated and adjusted with caliper log prior to cementing.

4. DRILLING FLUIDS PROGRAM:

Interval	Type	Weight (ppg)	Viscosity	pH	Water Loss	Remarks
0-3200'	Spud	8.4-9.0	29-70	8.0	NC	FW gel, LSND
3200-7800'	Air				NC	
7800-TD	Mud	8.5-9.0*	30-50	8.0-10.0	8-10cc @ TD	Low solids – nondispersed. * Min Wt. to control formation pressure.

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:

Logs: Platform Express AIT/GR/SP: Intermediate casing point to the base of the surface casing and TD to the base of the intermediate casing.

Platform Express CNL/LDT/PE: Intermediate casing point to the base of the surface casing and TD to the base of the intermediate casing.

Cores: None anticipated.

DST's: None anticipated.