

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: July 31, 1996

**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 the reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**Devon Energy Production Company, L.P. Attn: Kim Walker**

3a. Address

**20 North Broadway, Suite 1500, OKC, OK 73102**

3b. Phone No. (include area code)

**(405) 552-4734**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1390' FNL & 1030' FWL SW 1/4, NW 1/4, Sec. 15, T 31N R. 7W**

Latitude **36.5411**

Longitude **107.3350**

5. Lease Serial No.

**NM-03356**

6. If Indian, Allottee, or Tribe Name

7. If Unit or CA. Agreement Designation

**Northeast Blanco Unit**

8. Well Name and No.

**NEBU 77A**

9. API Well No.

**30-045-30960**

10. Field and Pool, or Exploratory Area

**Blanco Mesaverde Basin Dakota**

11. County or Parish, State

**San Juan**

**NM**

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

**TYPE OF SUBMISSION**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-off

☐ Altering Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☒ Other **Amend APD**

☐ 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 recompleat horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the BLM/ BIA. Required susequnet reports shqll be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in anew interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Please see attached revised Drilling Plan with changes to the Total Depth.



RECEIVED  
2002 MAY 24 PM 1:24  
OIL CONG. DIV. DIST. 3

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/ Typed)

**Kim Walker**

Title

**Operations Technician**

Signature

*Kim Walker*

Date

**5/21/02**

Approved by

**/s/ Jim Lovato**

Title

Date

**JUN 12**

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make 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)

**NEBU 77A**  
**Unit E-15-31N-7W**  
**San Juan Co., NM**

**DRILLING PLAN**

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

<b>Formation</b>	<b>Depth (ft)</b>	<b>Hydrocarbon/Water Bearing Zones</b>
San Jose	Surface	
Ojo Alamo	2395'	Aquifer
Kirtland	2510'	
Fruitland	3010'	Gas
Pictured Cliffs	3465'	Gas
Lewis	3585'	Gas
<b>Intermediate TD</b>	<b>3685'</b>	
Mesaverde	4265'	Gas
Chacra	4650'	
Massive Cliff House	5110'	Gas
Menefee	5480'	Gas
Massive Point Lookout	5750'	Gas
Mancos	6050'	
Gallup	7060'	Gas
Greenhorn	7790'	Gas
Graneros	7840'	
Dakota	7960'	Gas
<b>TD</b>	<b>8300'</b>	

All shows of fresh water and minerals will be adequately protected and reported.

**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  
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
0-3685'	8-3/4"	7"	K-55	20#	LTC	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 ft<sup>3</sup>/sks.

**Intermediate String:** Cement stage collar at 2960'.

**First Stage:** 225 sks 50/50 "G" Poz with additives mixed at 13.5 ppg, 1.28 ft<sup>3</sup>/sks, circulated to stage collar.

**Second Stage:** 350 sks Lite cement with additives mixed at 11.5 ppg, 2.40 ft<sup>3</sup>/sks, circulated to surface.

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

**Lead:** 675 sks 50/50 Poz cement @ 13 lb/gal, 1.47 ft<sup>3</sup>/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
0-3685'	Spud	8.4-9.0	29-70	8.0	NC	FW gel, LSND
3685-7840'	Air				NC	
7840-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.

**Survey:** Deviation surveys will be taken every 500' from 0-3685' or first succeeding bit change. The hole will be air drilled from 3685'-TD. The equipment used in this type of operation will not allow for single shot surveys without considerable operational delays. A survey will be taken at TD. Similar wells in this area have not shown significant deviation in this section of the hole.

**Cores:** None anticipated.

**DST's:** None anticipated.

**6. ABNORMAL CONDITIONS:**

The Fruitland Coal will be encountered at approximately 3010'. Estimated formation pressure is 300 psi. The drilling mud will be pretreated with 30% LCM prior to penetrating the zone. No other abnormal pressures and/or temperatures are expected. No hydrogen sulfide should be present.

**7. OTHER INFORMATION:**

The anticipated starting date and duration of the operation will be as follows:

Starting Date:	Upon Approval
Duration:	20 days

If the well is completed as a dry hole or as a producer, Well Completion or Recompletion Report and Log (Form 3160-4) will be submitted within 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3160. Copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, daily drilling reports, daily completion reports, and all other surveys or data obtained and compiled during the drilling, completion, and/or workover operations, will be submitted directly to the Authorized Officer or filed with Form 3160-4.