

Form 3160-5  
(November, 1996)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.

FORM APPROVED  
OMB No. 1004-0195  
Expires: July 31, 2000

**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: Diana Booher

3a. Address

3b. Phone No. (include area code)

20 North Broadway, Suite 1500, OKC, OK 73102

(405) 552-4734

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

1230' FSL & 1690' FWL SE 1/4, SW 1/4, Sec. 7, T 31N R. 6W

Latitude 36.5436

Longitude 107.3027

5. Lease Serial No.

SF-078993

6. Indian, Allottee, or Tribe Name

7. If Unit or CA Agreement Designation

Northeast Blanco Unit

8. Well Name and No.

NEBU 319

9. API Well No.

30-045-3113

10. Field and Pool, or Exploratory

Blanco Mesaverde, Bl. in 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

TYPE OF ACTION

☒ Notice of Intent

☒ Acidize

☒ Deepen

☒ Production (Start/Resume)

☒ Water Shut-off

☒ Subsequent Report

☒ Altering Casing

☒ Fracture Treat

☒ Reclamation

☒ Well Integrity

☒ Casing Repair

☒ New Construction

☒ Recomplete

☒ Other revising casing &

☒ Change Plans

☒ Plug and abandon

☒ Temporarily Abandon

☒ cement design

☒ Final Abandonment Notice

☒ 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 completion date. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths or pertinent data. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed following completion of the involved operations. If the operation results in a multiple completion or recompletion in an interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, have been completed, and it has been determined that the site is ready for final inspection.)

Attached please find the new casing and cement design for the approved application for permit to drill.

Verbal approval given to Diana Booher 7/1/02

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

Diana Booher

Title

Operations Engineering Assistant

Signature

*Diana Booher*

Date

7/1/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

/s/ Jim Lovato

Title

Date

JUL - 8 2002

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.

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)

NMOCD

## REVISED CASING AND CEMENT DESIGN - NEBU #319

### Casing

9-5/8" Surface cemented in a 12-1/4" Hole at 250 ft.

32.3 # H-40 ST&C 8 Rnd  
Baffle Plate  
Saw Tooth Guide Shoe

1 Centralizer per joint on bottom 3 joints and on sawtooth.  
Pressure test casing and BOPE to 1500 psi for 30 minutes.

7" Intermediate cemented in a 8-3/4" hole. This string will be 50 - 100 feet into the Lewis formation.

23# J-55 LT&C 8 Rnd  
Float Collar  
Joint  
Float Shoe

Float equipment is large port, auto fill.  
1 Centralizer per joint on bottom 3 joints  
1 Centralizer every third joint to 2100'.

4-1/2" Production cemented in a 6-1/4" hole. This string will be at the top of the Burro Canyon-

Dakota sand.  
11.6# J-55 LT&C 8 Rnd (134 Joints)  
10' Marker Joint  
11.6# J-55 LT&C 8 Rnd (70 Joints)  
Float Collar  
Single Joint  
Float Shoe

1 Centralizer per joint on bottom 3 joints  
1 Centralizer every fourth joint to 5000'

### Cement

9-5/8" Surface

Cmt'd with 200 sx Cl B mixed at 15.6 ppg w/ .25 pps celloflake, 2% calicum chloride

Cement yield = 1.19 ft<sup>3</sup>/sx

Circulate hole on rig pump with Mud for 30 minutes at 5 BPM  
Preflush with 20 BBLs fresh water  
Pump cement at 4-5 BPM  
Drop plug and displace with water  
Wait on Cement time prior to drilling out is 8 hours

7" Intermediate

Lead: 320 sx 50 /50 Poz Cement at 13 lb/gal, 1.44 ft<sup>3</sup>/sx [BASE SLURRY PRIOR TO FOAMING]

FOAMED SLURRY 9 lb/gal, 2.18 ft<sup>3</sup>/sx, with 266 scf/bbl N2

48 hr foam crush strength = 525 psi

Circulate hole on rig pump with mud and LCM pills for 1 hour at 5-6 BPM

Preflush with 10 mix water, 20 BBL Super Flush 101, 10 BBL mix water at 5 BPM

Pump cement at 4-5 BPM MAXIMUM RATE IS 5 BPM

Tail: 70 sx 50 /50 Poz Cement at 13 lb/gal, 1.44 ft<sup>3</sup>/sx

Pump cement at 4-5 BPM MAXIMUM RATE IS 5 BPM

Top out Cement: 100 sx Class "B" Cement at 15.6 lb/gal, 1.19 ft<sup>3</sup>/sx