Form 3160- 5
(November,1996)

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

5. Lease Serial No.: **SF-079003**

6. If Indian, Allottee, or Tribe Name:

7. If Unit or CA. Agreement Designation: **Northeast Blanco Unit**

1. Type of Well
[ ] Oil Well [X] Gas Well [ ] Other

8. Well Name and No.: **NEBU 73A**

2. Name of Operator: **Devon Energy Production Company, L.P. Attn: Diana Booher**

9. API Well No.: **30-045-30957**

3a. Address: **20 North Broadway, Suite 1500, OKC, OK 73102**
3b. Phone No. *(include area code)*: **(405) 552-4512**

10. Field and Pool, or Exploratory Area: **Blanco Mesaverde Basin Dakota**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
1305' FNL & 1500' FWL NE /4, NW /4, Sec. 35 , T 31N R. 7W
Latitude **36.5135** Longitude **107.3239**

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				
[X] Notice of Intent	[ ] Acidize	[ ] Deepen	[ ] Production (Start/ Resume)	[ ] Water Shut-off	
	[ ] Altering Casing	[ ] Fracture Treat	[ ] Reclamation	[ ] Well Integrity	
[ ] Subsequent Report	[ ] Casing Repair	[ ] New Construction	[ ] Recomplete	[X] Other	**CEMENT & CASING**
	[ ] Change Plans	[ ] Plug and abandon	[ ] Temporarily Abandon		**DESIGN CHANGE**
[ ] 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 duration thereof. If the proposal is to deepen directionally or recomplete 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 recompletion 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 find attached the second revision to the cement and casing design for the approved application for permit to drill.

14. I hereby certify that the foregoing is true and correct.
Name *(Printed/ Typed)*: **Diana Booher**
Title: **Operations Engineering Associate**
Signature: Diana Booher
Date: 6/13/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
Title
Date: JUN 19

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. Section1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, ficti or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

REVISED CASING AND CEMENT DESIGN - NEBU #73A
(FORMERLY NEBU #73MD1)

Casing

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

32.3 # H-40 ST&C 8 Rnd
Baffel 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 70' into the Morrison to allow for open hole logs across the lower most DK 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^3/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^3/sx [BASE SLURRY PRIOR TO FOAMING]

FOAMED SLURRY 9 lb/gal, 2.18 ft^3/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^3/sx

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

REVISED CASING AND CEMENT DESIGN - NEBU #73A
(FORMERLY NEBU #73MD1)

Top out Cement 100 sx Class "B" Cement at 15.6 lb/gal, 1.19 ft^3/sx

4-1/2" Production

Lead Stage 1: 20 sx 50 /50 Poz Cement at 13 lb/gal, 1.44 ft^3/sx
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
Preflush fluids are foamed with N2
Pump cement at 3 BPM
Design Top 3200' Bottom 3400'

Stage 2: 120 sx 50 /50 Poz Cement at 13 lb/gal, 1.44 ft^3/sx [BASE SLURRY PRIOR TO FOAMING]
FOAMED SLURRY 9 lb/gal, 2.14 ft^3/sx , with start 195 end 332 scf/bbl N2
48 hr foam crush strength = 795 psi
Pump cement at 3 BPM
Design Top 3400' Bottom 5000'

Stage 3: 70 sx 50 /50 Poz Cement at 13 lb/gal, 1.44 ft^3/sx [BASE SLURRY PRIOR TO FOAMING]
FOAMED SLURRY 10 lb/gal, 1.98 ft^3/sx , with start 221 end 271 scf/bbl N2
48 hr foam crush strength = 965 psi
Pump cement at 3 BPM

Tail: 290 sx 50 /50 Poz Cement at 13 lb/gal, 1.44 ft^3/sx
Pump cement at 3 BPM