

Form 3160-6
(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.

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

20 North Broadway, Suite 1500, OKC, OK 73102

3b. Phone No. (include area code)

(405) 552-4512

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

1305' FNL & 1500' FWL NE 1/4, NW 1/4, Sec. 35, T 31N R. 7W

Latitude

36.5135

Longitude

107.3239

FORM APPROVED

OMB No. 1004-0135

Expires: July 31, 1998

5. Lease Serial No.

SF-079003

6. If Indian, Allottee, or Tribe Name

7. If Unit or CA, Agreement Designation

Northeast Blanco Unit

8. Well Name and No.

NEBU 73A

9. API Well No.

30-045-30957

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



Altering Casing



Casing Repair



Change Plans



Convert to Injection



Deepen



Fracture Treat



New Construction



Plug and abandon



Plug back



Production (Start/Resume)



Reclamation



Recomplete



Temporarily Abandon



Water Disposal



Water Shut-off



Well Integrity

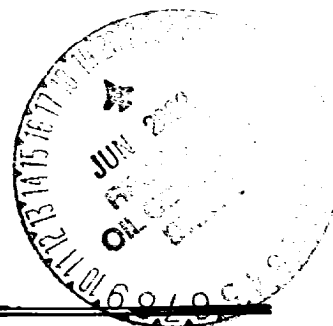


Other CEMENT & CASING

DESIGN CHANGE

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 be performed or provide the Bond No. on file with the BLM/ BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamation, 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

/s/ Jim Lovato

Title

Date

JUN 17 2002

Conditions of approval, if any are attached. Approval of this notice does not warrant or Office certify that the applicant holds legal or equitable title to these 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)

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

Baffle Plate

Saw Tooth Guide Shoe

Circulate

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

Circulate

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

Top of Cement 100' into intermediate

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 CI B mixed at 15.6 ppg w/ .25 pps celloflake, 2% calicum chloride

Cement yield = 1.19 ft³/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 ft³/sx [BASE SLURRY PRIOR TO FOAMING]

FOAMED SLURRY 9 lb/gal, 2.18 ft³/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 ft³/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 ft³/sx

4-1/2" Production

Lead Stage 1: 20 sx 50 /50 Poz Cement at 13 lb/gal, 1.44 ft³/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 ft³/sx [BASE SLURRY PRIOR TO FOAMING]

FOAMED SLURRY 9 lb/gal, 2.14 ft³/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 ft³/sx [BASE SLURRY PRIOR TO FOAMING]

FOAMED SLURRY 10 lb/gal, 1.98 ft³/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 ft³/sx

Pump cement at 3 BPM