Form 3160-5 (November, 1996)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

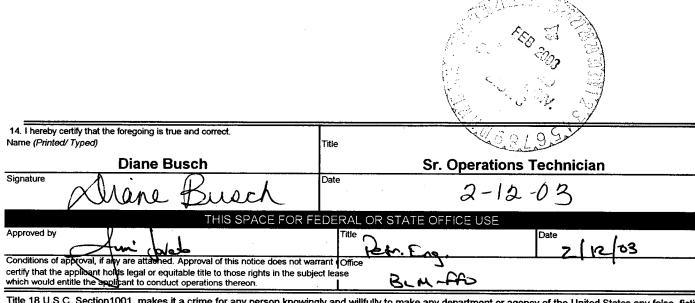
FORM APPROVE
OMB No. 1004- 01

Expires: July 31, 1996

SUNE Do n abando	30-045-31261						
SUBMIT IN TRIPLI	水 If Unit or CA Agreement Designation iがiiいは「〇八」が分						
1. Type of Well	Northeast Blanco Unit						
Oil Well X Gas Well	8. Well Name and No.						
2. Name of Operator	NEBU 311M						
Devon Energy Pr	9. API Well No.						
3a. Address	30-045-31261						
20 N. Broadway Okla	10. Field and Pool, or Explore	atory Area					
4. Location of Well (Footage, Sec., T	Blanco Mesaverde	Basin Dakota					
1120' FSL & 670' FWL	11. County or Parish, State						
Latitude	Longitude			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 Am	ended		
	Change Plans	Plug and abandon	Temporarily Abanc	don Casing &	Cement		
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 shall 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.)

Attached please find an amended casing and cement change on the above referenced approved APD'd 2003 well. Verbal approval from Jim Lovato was obtained on 2/11/03.



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, fictit or fraudulent statements or representations as to any matter within its jurisdiction.

NEBU 311 M Modified Casing and Cement

Casing

9-5/8" Surface cemented in a 12-1/4" Hole at 270 ft KB. 32.3 # H-40 ST&C 8 Rnd

Saffel Palte

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

Cement Basket at 3350'

23# J-55 LT&C 8 Rnd

Cement Basket at 2900'

23# J-55 LT&C 8 Rnd

Float equipment is large port, auto fill.

1 Centralizer per joint on bottom 3 joints

1 Centralizer every third joint to 2400'.

1 turbolizer below Ojo Alamo, 1 trubolizer midpoint Ojo Alamo, 1 turbolizer above Ojo Alamo

4-1/2" Production cemented in a 6-1/4" hole.

11.6# J-55 LT&C 8 Rnd

10' Marker Joint

11.6# J-55 LT&C 8 Rnd

Float Collar

Single Joint

Float Shoe

1 Centralizer per joint on bottom 3 joints

1 Centralizer every 5th joint to intermediate casing.

Cement Baskets above Point Lookout

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 = $1.19 \text{ ft}^3/\text{sx}$

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: 575 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 pilts 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: 75 sx 50 /50 Poz Cement at 13 lb/gal, 1.44 ft³/sx Pump cement at 4-5 BPM MAXIMUM RATE IS 5 BPM

Production

Cement

500 Sacks 50/50 STD Poz Cement

3.00% HalliburtonGel (Extender)

.8% Halad 9

0.25 lb/sk Flocele (Lost Circulation)

5.00 lb/sk Gilsonite (sack) (Lost Circulation)

.2% CFR3

Mixed With Fresh Water

Fluid Weight:

Fluid Yield:

13.00 lb/gal

Fluid Water Ratio:

6.37 gal/sk 1.47 ft³/sk

48 Hour crush 3000 psi

Actual cement volumes and stage design will vary with hole conditions