FORM APPROVED Form 3160-3 OMB NO. 1004-0136 (August 1999) Expires: November 30, 2000 UNITED STATES DEPARTMENT OF THE INTERIOR 5. Lease Serial No. BUREAU OF LAND MANAGEMENT SF-078615-A 6∩ If hardan, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REPORTER TO If Unit or CA Agreement, Name and No. DRILL REENTER NORTHEAST BLANCO UNIT la. Type of Work 8. Lease Name and Well No. Oil Well X Gas Well Other Single Zone Multiple Zone **NEBU 105B** 1b. Type of Well 9. API Well No. Name of Operator Devon Energy Production Company, L.P. 30 045 31308 Attn: Diane Busch 10. Field and Pool, or Exploratory 3a. Address 3b. Phone No. (include area code) 20 N. Broadway Oklahoma City, OK 73102 (405) 228-4362 Blanco Mesaverde **Basin Dakota** 11. Sec., T., R., M., or Blk. And Survey or Area Location of well (Report location clearly and In accordance with any State requirements.*) 1005' FSL & 830' FEL At surface At bottom hole 24 ,T 30N R 8W Same Sec. At proposed prod. zone Same 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12. County or Parish 13. State Approximately 25.6 miles NE of Aztec, New Mexico San Juan **NM** 17. Spacing Unit dedicated to this well 15. Distance from proposed* 16. No. of Acres in lease location to nearest 830' 320 F/2 property or lease line, ft. 1323 (Also to nearest drlg unit line, if any) 18. Distance from proposed location* 19. Proposed Depth 20. BLM/ BIA Bond No. on file to nearest well, drilling, completed, 7900' CO-1104 applied for, on this lease, ft. 21. Elevations (Show whether DF. RT, GR, etc.) 22. Aproximate date work will start* 23. Estimated Duration 6328' GL **Upon Approval** 20 Days 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1 shall be attached to this form: 1. Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by existing bond on file(see A Drilling Plan. item 20 above). 2. A Surface Use Plan (if the location is on National Forest System Lands, 15. Operator certification. SUPO shall be filed with the appropriate Forest Service Office). 6. Such other site specific information and/ or plans as may be required by the authorized officer. 25. Signature Name (Printed/Typed) Date iane R **Diane Busch** Title

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the appli operations thereon.

Name (Printed/ Typed)

Office

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

* (Instructions on reverse)

Sr. Operations Technician
Approved By (Signature)

Title

HOLD C184 FOR Change in States to # 1054 for mesurude

This action is subject to technical and procedural review pursuant to 43 CFR 3165.8 and appeal pursuant to 43 CFR 3165.4

NMOCD

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS".

Date

Distric. I PO Box 1980, Hobbs NM 88241-1980 District II PO Drawer KK, Artesia, NM 87211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410

PO Box 2088, Santa Fe, NM 87504-2088

District IV

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 21, 1994

Instructions on back Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

__ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT ¹API Number Basin Dakota Blanco Mesaverde 19641 **NEBU** # 105B 1 OGRID No. Elevation ¹ Operator Name Devon Energy Production Company, L.P. 6137 6328 Surface Location North/South line East/West line County Township Peer from the Feet from the UL or Lot No. Section Range Lot Idn SAN JUAN 24 8 W 1005 830 EAST P 30 N SOUTH Bottom Hole Location If Different From Surface East/West line County UL or lot no. Township Range Lot Idn Feet from the North/South line Feet from the ¹² Dedicated Acres Joint or Infill Consolidation Code 15 Order No. MV-€/.320 OK-€/320 NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 2641¶R) OPERATOR CERTIFICATION hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. χ Printed Name "SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. November 5, 2002 Date of Survey Signature and Seg l Surveyor 830' ZE:11 W 61 330 ZUZ PSIONAL 7016

(R) - BLM Record

NEBU 105B Unit P 24-30N-8W San Juan Co., NM

DRILLING PLAN

1. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS & ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:</u>

Formation	.i. Depth : . (ft)	Hydrocarbon/Water Bearing Zones
San Jose	Surface	Deaning Zones
Ojo Alamo	2090	Aquifer
Kirtland	2270	
Fruitland	2700	Gas
Pictured Cliffs	3210	Gas
Lewis	3320	Gas
Intermediate TD	3470	
Huerfanito bentonite	3950	
Massive Cliff House	5000	Gas
Menefee	5100	Gas
Massive Point Lookout	5425	Gas
Mancos	5850	Gas
Gallup	6715	Gas
Greenhorn	7450	
Graneros	7500	
Dakota	7635	Gas
TD	7900	

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 precharge 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
0-3470'	8-3/4"	7"	K-55	23#	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 a minimum of 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.

Lead: 200 sks Class "B" with additives mixed at 15.6 ppg, 1.19

ft³/sks.

Intermediate String:

Cement will be circulated to surface.

Lead: 575 sks 50/50 Poz with additives mixed at 13.0 ppg, 1.44

ft³/sks prior to foaming, 9 ppg, 2.18 ft³/sks after foaming.

Tail: 75 sks 50/50 Poz with additives mixed at 13.0 ppg, 1.44

ft³/sks.

If hole conditions dictate, an alternate, two stage cement design will be used. Stage 1: 85 sacks Class B 50/50 POZ, 3% Gel, 5# Gilsonite, 1/4# Flocele, 1/10% CFR 3, .2% Halad 344, Yield ft³/sks. Stage 2: 450 sacks Class B 50/50 POZ, 3% Gel, 5# Gilsonite, 1/4# Flocele, .1% CFR 3, .2% Halad 344, Yield 1.47

ft³/sks. Cement designed to circulate to surface.

Production String:

TOC designed to circulate to surface, cement will tie into the intermediate casing as a minimum. Volumes may vary with

actual well characteristics.

Lead: 500 sks 50/50 Poz with additives mixed at 13.0 ppg, 1.47

ft³/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
0-3470'	Spud- foam	8.4-9.0	29-70	8.0	NC	FW gel, LSND or stiff foam
3470'-7500'	Air				NC	
7500'-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.