Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

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 reverse side.*

5. Lease Serial No.
SF 079043

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
Northeast Blanco Unit

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
NEBU 455A

2. Name of Operator **Devon Energy Production Company, L.P.**

9. API Well No.
3004532249

3a. Address
PO Box 6459, Farmington, NM 87419

3b. Phone No. *(include area code)*
505-632-0244

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
NW SE, Unit J, 1,805' FSL & 1,850' FEL, Sec. 31, T31N, 7W

11. County or Parish, State
San Juan, NM

12. CHECK APPROPRIATE BOX(ES) 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	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☑ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with 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 Notices 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.)

Attached you will find a revised and corrected C-102, Drilling Plan, Tops, Casing and Cement Design, and Directional Plan.

HOLD C104 FOR Directional Survey

RECEIVED
070 FARMINGTON NM
2005 MAR 10 PM 1 14

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Melisa Zimmerman Title **Senior Operations Technician**

Signature M.S. Zimmerman Date 3-7-05

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Adrienne Brumley Title Pet. Eng Date 3/14/05

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 FFO

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 of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NMOCD

District 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
District IV
PO Box 2088, Santa Fe, NM 87504-2088

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

[1] API Number	[2] Pool Code	[3] Pool Name
	71629	Basin Fruitland Coal

[4] Property Code	[5] Property Name	[6] Well Number
19641	NEBU	# 455A

[7] OGRID No.	[8] Operator Name	[9] Elevation
6137	Devon Energy Production Company, L.P.	6372

[10] Surface Location

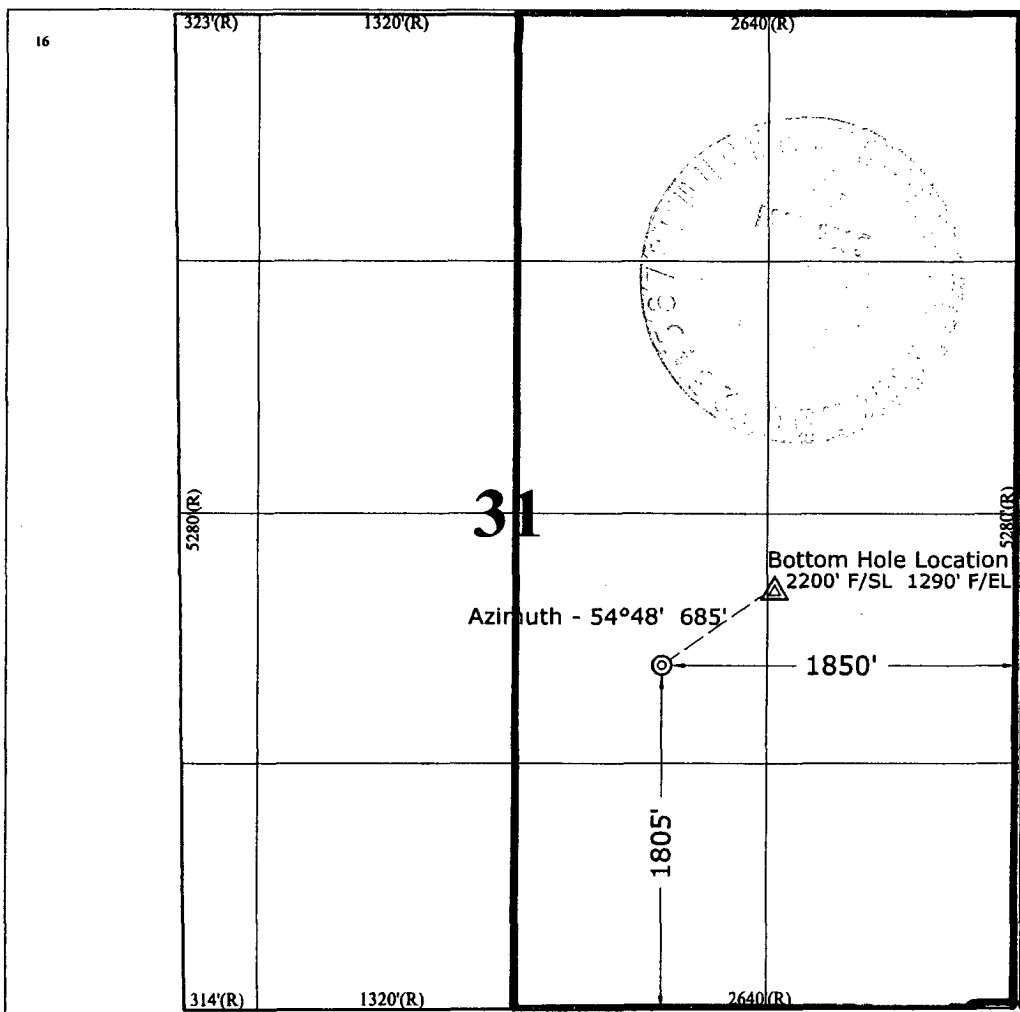
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	31	31 N	7 W		1805	SOUTH	1850	EAST	SAN JUAN

[11] Bottom Hole Location If Different From Surface

[7] UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	31	31 N	7 W		2200	SOUTH	1290	EAST	SAN JUAN

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320.44			

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



(R) - GLO Record

[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Melisa Zimmerman
Printed Name

Sr. Operations Tech.
Title

3-7-05
Date

[18] 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.

Revised BHL Ftge: February 7, 2005
March 26, 2004
Date of Survey

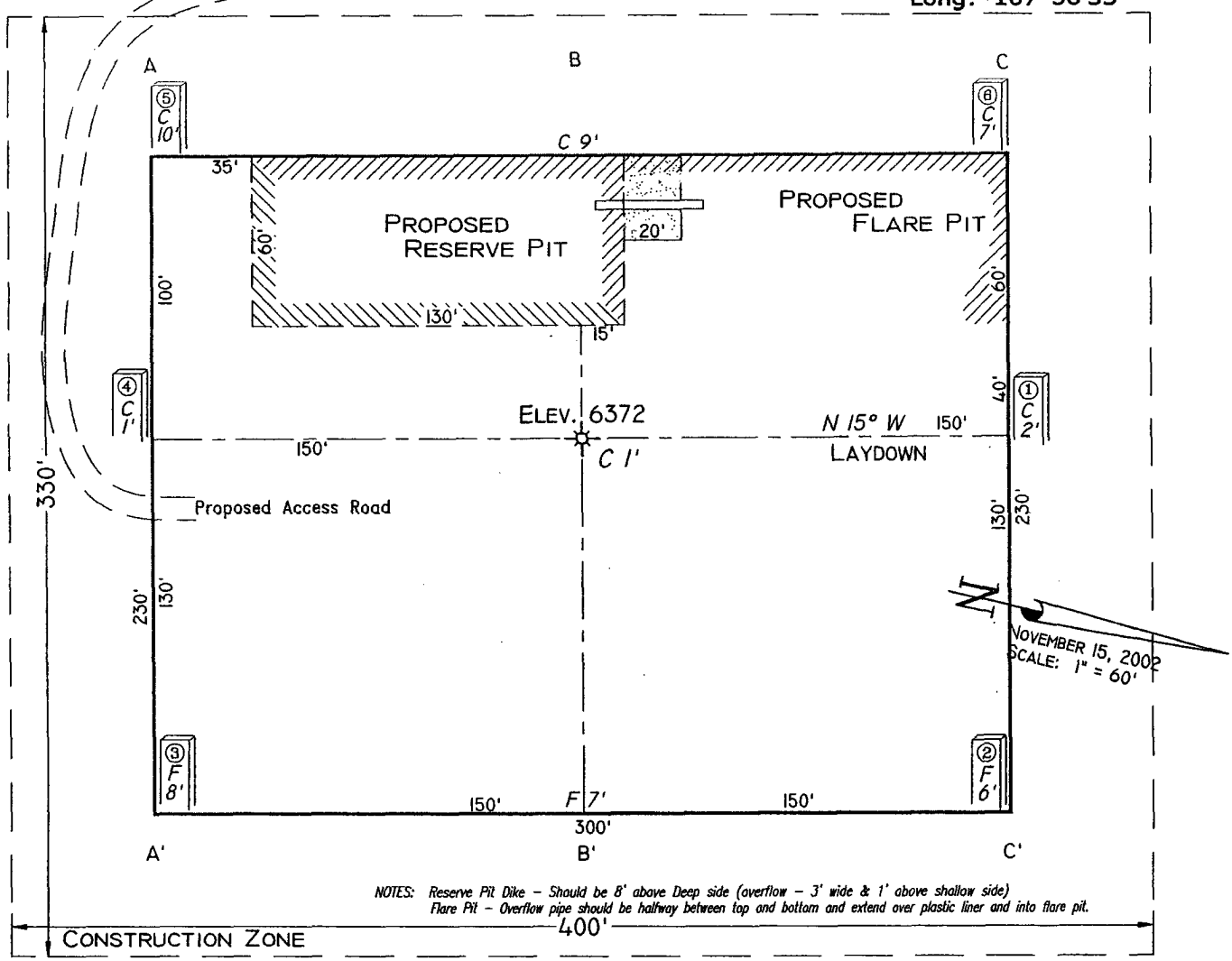
Signature and Seal of Professional Surveyor

GARY D. VANN
NEW MEXICO
7016
REGISTERED PROFESSIONAL LAND SURVEYOR

7016
Certificate Number

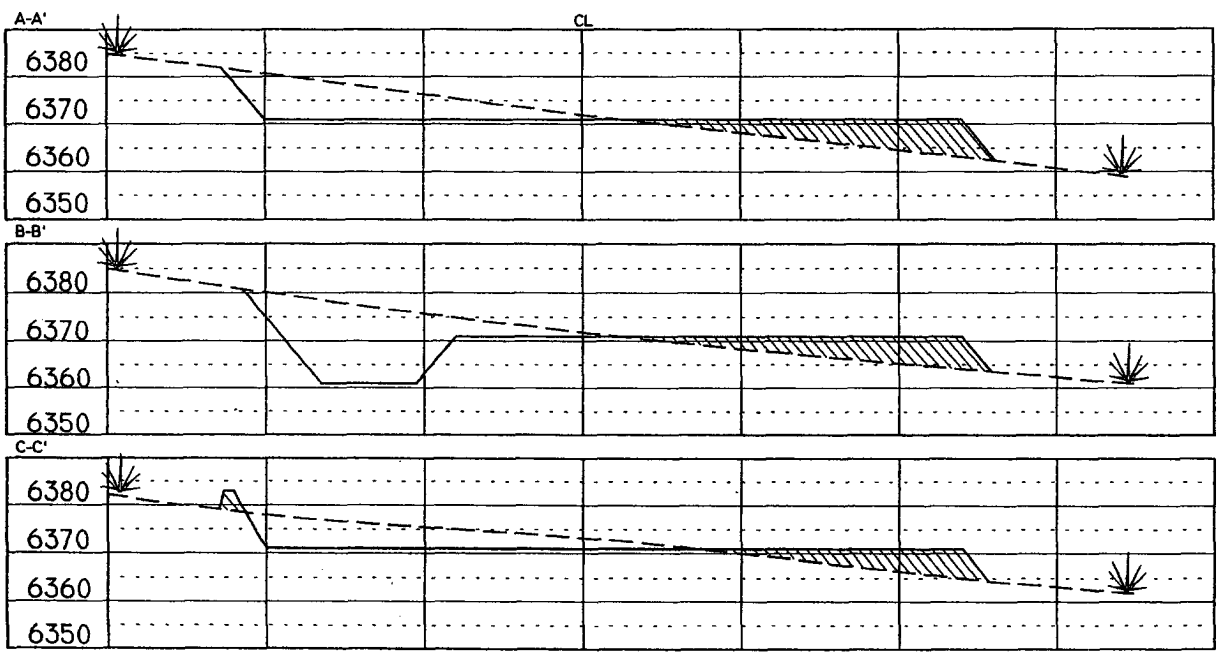
PAD LAYOUT PLAN & PROFILE
DEVON ENERGY PRODUCTION COMPANY, L.P.
NEBU #455A
1805' F/SL 1850' F/EL
SEC. 31, T31N, R7W, N.M.P.M.
SAN JUAN COUNTY, NEW MEXICO

Lat: 36°51'14"
Long: 107°36'35"



Area of Construction Zone – 330'x400' or 3.03 acres, more or less.

SCALE: 1"=60'-HORIZ.
1"=40'-VERT.



NOTE: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least two (2) working days prior to construction.

Cuts and fills shown are approximate – final finished elevation is to be adjusted so earthwork will balance. Corner stakes are approximate and do not include additional areas needed for sideslopes and drainages. Final Pad Dimensions are to be verified by Contractor.

VANN SURVEYS
P. O. Box 1306
Farmington, NM

NEBU 455A
Unit J 31-31N-7W
San Juan Co., NM

DRILLING PLAN

1. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS & ANTICIPATED WATER, OIL, GAS OR MINERAL FORMATIONS:**

Formation	TVD (ft)	TMD (ft)	Hydrocarbon/Water Bearing Zones
San Jose	Surface	Surface	
Ojo Alamo	2229	2315	Aquifer
Kirtland	2329	2420	
Fruitland	2809	2912	Gas
Pictured Cliffs	3304	3407	Gas
PTD	3309	3412	

All shows of fresh water and minerals will be adequately protected and reported.
A 100' sump will be drilled into the Picture cliffs. A mud logger will be on location collecting samples and measuring gas levels. Should the Picture Cliffs interval appear to be productive the sump will be filled with cuttings and abandoned

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 and 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 pre-charge pressure without the use of closing unit pumps.

Master controls will be at the accumulator. Anticipated bottom hole pressure is 1000 psi.

3. CASING & CEMENTING PROGRAM:

A. The proposed casing program will be as follows:

TVD	TMD	Hole Size	Size	Grade	Weight	Thread	Condition
0-285	0-285	12-1/4"	9-5/8"	H-40	32#	STC	New
0-2775	0-2842	8-3/4"	7"	J-55	23#	LTC	New
0- TD	0- TD	6-1/4"	5-1/2"*	J-55	15.5 #	LTC	New

The 9-5/8" surface pipe will be tested to 750 psi. All casing strings below the surface shoe 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.

Surface: The bottom three joints of the surface casing will have a minimum of one centralizer per joint and one centralizer every joint thereafter (Total 5 centralizers estimated)

7" Casing: The bottom three joints of the 7" casing will have a minimum of one centralizer per joint and one centralizer every fifth joint thereafter to above Ojo Alamo with turbolizers below and throughout the Ojo Alamo. (Total 12 centralizers, 3 turbolizers estimated).

B. The proposed cementing program will be as follows:

Surface String:

9-5/8" Surface cemented in a 12-1/4" hole at 285'.
32.3# H-40 ST&C 8 Rnd
Saw tooth guide shoe
Cemented with 200 sacks Class B mixed at 15.6 ppg w/.25 pps Celloflake, 2% calcium chloride. Yeild 1.19 ft3/sx. *
Cement designed to circulate to surface.

**** Minor variations possible due to existing hole conditions***

Production String:

7" Production casing cemented in an 8-3/4" hole
23# J-55 LT&C 8 Rnd
Float collar
Joint

Float Shoe
Cement with
Lead: 500 sacks Class B 50/50 POZ, 3% gel, 5# gilsonite, ¼"# Flocele, .1% CFR 3, .2% Halad 344, yield 1.47 ft3/sx.
Tail: 25 sx Class 'B'. 1.18 ft3/sx. *
Cement designed to circulate to surface.
Pending hole conditions, cement baskets may be installed above TD

**** Minor variations possible due to existing hole conditions.***

Liner:

5-1/2" liner*
15.5# J-55 LT&C 8 Rnd
Shoe
Not Cemented

* May not be run pending hole conditions.
If well does not respond to proposed to completion, the 5 ½ " liner will be cemented using 300 sacks class B 50/50 POZ, 3% gel, 5# gilsonite, ¼"# Flocele, .1% CFR 3, .2% Halad 344, yield 1.47 ft3/sx. **

***** Minor variations possible due to existing hole conditions***

4. DRILLING FLUIDS PROGRAM:

TVD	TMD	Type	Weight (ppg)	Viscosity	pH	Water Loss	Remarks
0-285	0-285	Spud	8.4-9.0	29-70	8.0	NC	FW gel,
285-2775	285-3842	LSND	8.4-9.0	29-70	8.0	10-12	LCM as needed
2775 - TD	3842 - TD	Air					Foam as needed

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.