Form 3160 -3 (April 2004)

# UNITED STATES DEPARTMENT OF THE INTERIOR

2006	MAA	14	Pm	1	FORM APPROVED QMB No. 1004-0137 Expires March 31, 200
			-		0 111

Lease Serial No.

BUREAU OF LAND MAN		F	RECEN	ED SF 078988		
APPLICATION FOR PERMIT TO	DRILL OR				or Tribe Nai	ne
Ia. Type of work: DRILL REENT	ER			7 If Unit or CA Agreement, Name and No. Northeast Blanco Unit		
1b. Type of Well: Oil Well Gas Well Other	Sin	igle Zone Multip	ole Zone	8. Lease Name and V NEBU 226	Well No.	
2. Name of Operator  Devon Energy Production Company, L.	2. Name of Operator  Devon Energy Production Company, L.P.				-336	.49
3a. Address PO Box 6459 Farmington, NM 87419  3b. Phone No. (include area code) 505-632-0244				10. Field and Pool, or Rosa Pictured	Exploratory	
4. Location of Well (Report location clearly and in accordance with an At surface  At proposed prod. zone  2300 FSL & 1000 FEL, Unit I, N	ny State requirements  Sec.	20 T 3 IN 1	Row	E Sec. T. R. M. or B		y or Area
14. Distance in miles and direction from nearest town or post office*  Approximately 14.3 miles	CESE JOS	4 ,,,,		12-County or Parish San Juan		3. State
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)  250'	16. No. of ac	cres in lease	17. Spacing	ng Unit dedicated to this well  Acres 5E/4 Sec 19		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 20.			SIA Bond No. on file		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)  GR. 1398	22 Approxim	nate date work will sta 03/01/2006	rt*	23. Estimated duration Unknown		
	24. Attac					
<ol> <li>The following, completed in accordance with the requirements of Onsho</li> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>		4. Bond to cover the ltem 20 above). 5. Operator certification.	he operation cation specific info	s form:  Is unless covered by an armation and/or plans as	Ū	·
25. Signature M. S. 20.	4	(Printed/Typed) Melisa Zimmerman		Date 3-4	-06	
Title Senior Operations Technician				J	<u> </u>	
Approved by (Signature) Man lee 12 E	Name	(Printed/Typed)			Date /	7/06
Title AFM Office FFO						1
Application approval does not warrant or certify that the applicant hole conduct operations thereon.  Conditions of approval, if any, are attached.	ds legal or equit	able title to those righ	its in the sub	ect lease which would c	entitle the app	licantto
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a c States any false, fictitious or fraudulent statements or representations as	crime for any pe to any matter w	erson knowingly and vithin its jurisdiction.	willfully to m	ake to any department o	or agency of	the United

MAY XXXIE RECENTED ROL COMB. DIV

ONET.

\*(Instructions on page 2)

HOLD CIES FOR directional surrely



District I

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

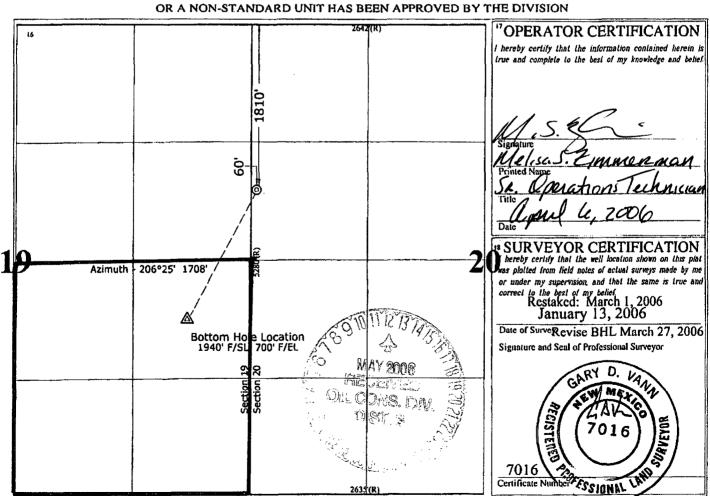
30-045-3	1	<sup>2</sup> Paul Cude <b>9417</b> 5	Rosa Pictured Cliffs	
4 Property Code			5 Property Nunia	* Well Number
18641	NEI	BU		226
OGRID No.			Operator Name	<sup>9</sup> Elevation
4137	Dev	on Energy Produc	6398	

Surface Location

UL or Lat No.	Section	Township	Range	Lot Ido	Feet from the	North/South line	Feet from the	East/West line	County
E	20	31 N	6 W		1810 <u>.</u>	NORTH	60	WEST	SAN JUAN
" Bottom Hole Location If Different From Surface									
' UL or las no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	Eust/West line	County
I	19	31 N	6 W		1940	SOUTH	700	EAST	SAN JUAN

Dedicated Acres 11 Joint or Infill 14 Consolidation Code 15 Order No.

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



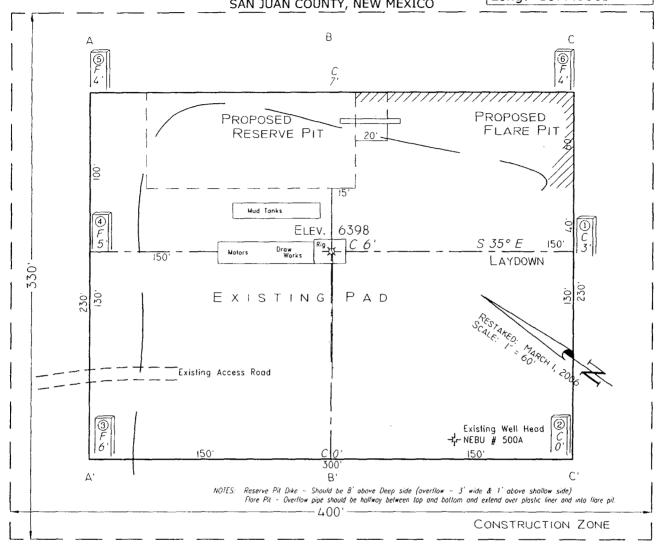
(R) - CLO Record

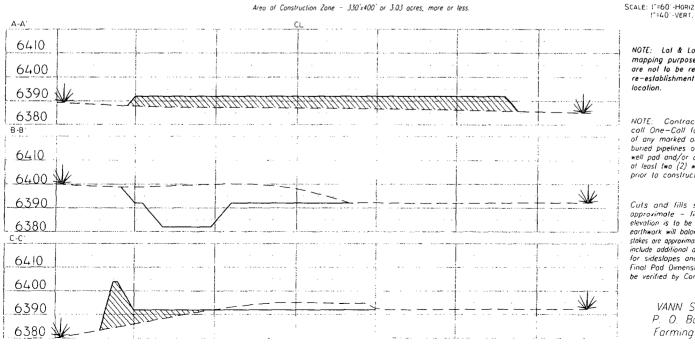
, Submit 3 Copies To Appropriate District Office	State of	New Mexico	Form C-103		
District I 1625 N. French Dr., Hobbs, NM 88240	<del>-</del> -	and Natural Resourc	WELL API NO. 33649		
District II 1301 W. Grand Ave., Artesia, NM 8821	OIL CONSER	VATION DIVISIO	N 5. Indicate Type of Lease		
District III 1000 Rio Brazos Rd., Aztec, NM 87410	)	h St. Francis Dr.	STATE FEE		
District IV 1220 S. St. Francis Dr., Santa Fe, NM	Santa F	e, NM 87505	6. State Oil & Gas Lease No. SF 078988		
87505	OTICES AND REPORTS O	NWELLS	7. Lease Name or Unit Agreement Name		
(DO NOT USE THIS FORM FOR PRO	OPOSALS TO DRILL OR TO DEE	EPEN OR PLUG BACK TO			
DIFFERENT RESERVOIR. USE "API PROPOSALS.)	PLICATION FOR PERMIT" (FOR	RM C-101) FOR SUCH	NORTHEAST BLANCO UNIT  8. Well Number		
1. Type of Well: Oil Well Gas Well	☑ Other		226		
2. Name of Operator	Z3 Other		9. OGRID Number		
Devon	<b>Energy Production Comp</b>	any, L.P.	6137		
3. Address of Operator PO Box 6459, Navajo Dam, N	JM 87419		10. Pool name or Wildcat Rosa Pictured Cliffs		
4. Well Location					
Unit Letter	1810 feet from the N	Jorth line and 250	feet from theline		
Section +9 20 Tov		6W NMPM	County - SAN JUAN		
<b>14</b> 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	GR 6,374' 43 9	18			
Pit or Below-grade Tank Application			eattached) water_>100'_Distance from nearest fresh water well_>1000'_		
Distance from nearest surface water					
i	ndfeet from the				
		ndicate Nature of N	otice, Report or Other Data		
NOTICE OF PERFORM REMEDIAL WORK	INTENTION TO:	J DEMEDIAL	SUBSEQUENT REPORT OF:		
	_		<u> </u>		
TEMPORARILY ABANDON	☐ CHANGE PLANS	COMMEN	CE DRILLING OPNS. PLUG AND ABANDONMENT		
PULL OR ALTER CASING	MULTIPLE COMPLETION	CASING TO CEMENT J	EST AND		
OTHER: CONSTRUCT DRILLI	NG PIT	☐ OTHER:			
<ul> <li>13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.</li> <li>14.</li> <li>Devon Energy will be constructing a lined drilling pit. The closure of said pit will be in accordance with the NMOCD regulations with the cutting of the liner applying to the BLM rules.</li> </ul>					
			owledge and belief. I further certify that any pit or below-		
grade tank has been/will be constructed	d or closed according to NMOCD	guidelines 🖾, a general pe	ermit 🗌 or an (attached) alternative OCD-approved plan 🗌.		
SIGNATURE # . S. E		TITLE _Sr_Operatio	ns Technician DATE 3-6-06		
Type or print name Melisa Zin	nmerman E-mail addre	ess: Melisa.zimmerma	n@dvn.com Telephone No. 405-552-7917		
(This space for State use)	<b>1</b>				
APPPROVED BY Conditions of approval if any	The	TITLE STOT CE &	DATE MAY 1 2 2006		

### PAD LAYOUT PLAN & PROFILE DEVON ENERGY PRODUCTION COMPANY, L.P.

Nebu # 226 1810' F/NL 60' F/WL SEC. 20, T31N, R6W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO

36.88727° (83) 107.49505° (83) Lat: Long:





NOTE: Lat & Long are for mapping purposes only and are not to be relied on for re-establishment of well

location.

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 linished 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 226 Unit H 19-31N-6W 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	2330	2913	Aquifer
Kirtland	2450	3048	
Fruitland	2877	3499	Gas
Pictured Cliffs Tongue	3225	3850	Gas
Pictured Cliffs	3323	3948	Gas
Lewis	3441	4066	
TD	3541	4166	

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 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 precharge pressure without the use of closing unit pumps.

Master controls will be at the accumulator. Anticipated bottom hole pressure is 1500 psi.

#### 3. Casing & Cementing Program:

A. The proposed casing program will be as follows:

TVD	Hole Size	Size	Grade	Weight	Thread	Condition
0-285	12-1/4"	9-5/8"	H-40	32#	STC	New
0-TD	6-1/4"	4-1/2"	J-55	11.6#	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.

<u>Surface</u>: 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)

<u>4-1/2" Casing</u>: The bottom three joints of the 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 sx 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 conditions

**Production String:** 4-1/2" Production casing cemented in an 6-1/4" hole

11.6# J-55 LT&C 8 Rnd

Float collar Joint Float Shoe

0.1% Diacel Lwl.

Tail: 75 sx 50/50 Poz, Yield-1.45 ft3/sx, 13 lb/gal, Additives 2%

Gel, 0.2% Versaset, 0.1% Diacel Lwl.

Actual volumes will be calculated and adjusted with caliper log prior to cementing.

#### 4. DRILLING FLUIDS PROGRAM:

TVD	Type	Weight (ppg)	Viscosity	рН	Water Loss	Remarks.
0-285'	Spud	8.4-9.0	29-70	8.0	NC	FW gel,
285-TD	LSND/Air	8.4-9.0	29-70	8.0	10-12	LCM 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.

#### 5. EVALUATION PROGRAM:

Wireline Logs: None

Mud Logs: Possible mud logging in Fruitland Coal & Pictured Cliffs.

Survey: Deviation surveys will be taken every 500' from 0-TD of 6-1/4" hole or first

succeeding bit change.

Cores: None anticipated.

**DST's:** None anticipated.

#### 6. ABNORMAL CONDITIONS:

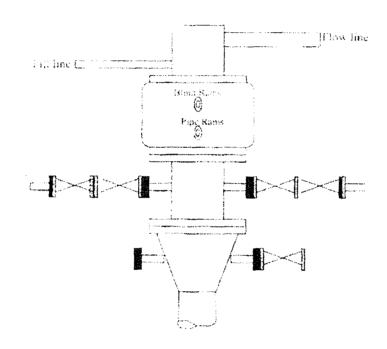
The Fruitland Coal will be encountered at approximately 3030' TMD. Estimated formation pressure is 300 psi. No other abnormal pressures and/or temperatures are expected. No hydrogen sulfide should be present.

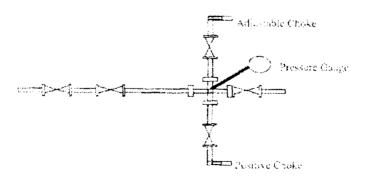
#### 7. OTHER INFORMATION:

The anticipated starting date and duration of the operation will be as follows:

<sup>\*</sup> Minor variations possible due to existing conditions

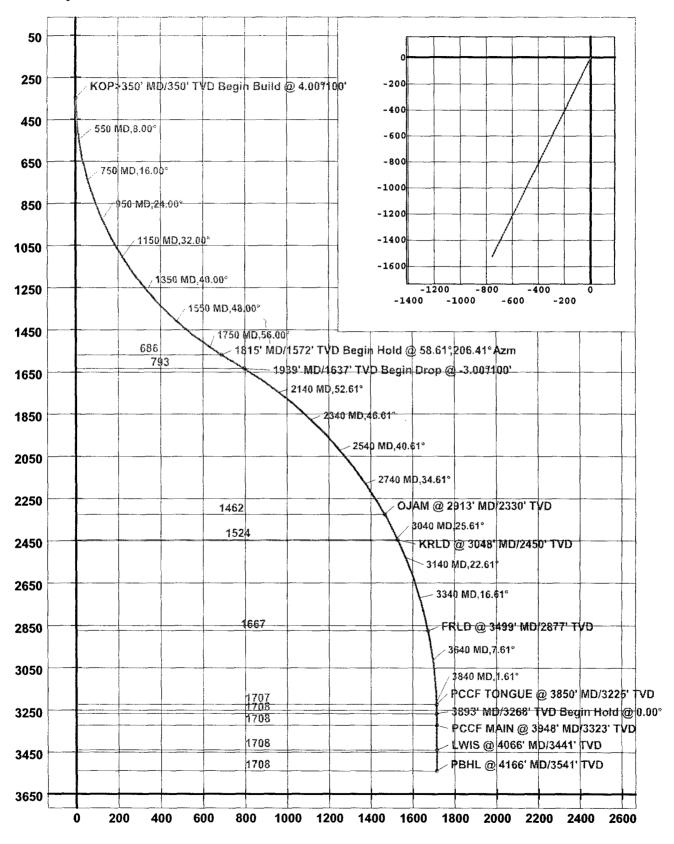
## Well Control Equipment 2,000 psi Configuration





Company: Devon Energy Lease/Well: NEBU 226 Location: San Juan County State/Country: NM





3160-5 (April 2004)

## UNITED STATES DEPARTMENT OF THE INTERIOR

©arm 3160-5 April 2004) [		FORM APPROVED 8 9 10 / OM B No. 1004-0137 Expires: March 31, 2007				
	BUREAU OF LAND MANAGE		10	5. Lease Serial No. SF 078988	(4.)	MAY 2
Do not use th	NOTICES AND REPOR is form for proposals to dr ell. Use Form 3160-3 (APD)	ill or to re-e	nter an	6. If Indian, Allott	tee or Tribe Nam	
	PLICATE- Other instructi	ions on rever	se side.	7. If Unit or CA/A	137.0	e and/or No. ""
1. Type of Well Oil Well	Gas Well Other			Northeast Bl	1/2	82 (8) EZ (1
2. Name of Operator Devon Energ	<u> </u>			8. Well Name and NEBU 226	NO.	مالاميالية
3a Address	<del></del>	Phone No. (include	area code)	9. API Well No.	45 33	C49
PO Box 6459, Navajo Dam, NA	1 87419 5		24-5400	10. Field and Pool,	or Exploratory	
4. Location of Well (Footage, Sec.,				Rosa Picture		
1,810' FNL & 60' FWL, SW N	NE, Unit E, Sec. 20, T31N- R6W			San Juan, NN	•	
12 CHECK AL	PPROPRIATE BOX(ES) TO IND	ICATE NATUR	E OF NOTICE RI	EPORT, OR OTH		
TYPE OF SUBMISSION	TROTRIATE BOX(ES) TO IND		PE OF ACTION	LIOKI, OKOII	LK DATA	
Notice of Intent		Deepen Fracture Treat	Production (Sta	· · · · · · · · · · · · · · · · · · ·	Water Shut-Off Well Integrity	
Subsequent Report		New Construction	Recomplete		Other Casing	& Cement
Final Abandonment Notice		Plug and Abandon Plug Back	Temporarily Ab Water Disposal	andon	Change	
following completion of the inv testing has been completed. Fit determined that the site is ready Devon Energy Production	ne work will be performed or provide the  volved operations. If the operation results  nal Abandonment Notices shall be filed or  for final inspection.)  Company, L.P. gives notification or  program from 0' to a depth of appro-	s in a multiple comp only after all required of casing and cem	letion or recompletion in ments, including reclama fractions design change	n a new interval, a For ation, have been comp for the NEBU 226	rm 3160-4 shall pleted, and the o	be filed once perator has
Additives 2% Gel, 0.2% V Diacel Lwl.	to surface. Lead: 500 sx 50/50 Poz ersaset, 0.1% Diacel Lwl. Tail: 75	z, Yd-1.45, Water 5 sx 50/50 Poz, Yd	Gal/sx 6.8, Mixed @ -1.45, Water Gal/Sk	3 13ppg Foamed W 6.8, Additives 2%	// N2 Down To Gel, 0.2% Ver	9.0# :saset, 0.1%
•	ole due to existing conditions an alternate, cement design will be	used:		070	6 APR	
Flocele. Density: 13.0 lb/g #/sx Flocele. Density: 15.	ith 50% Class B Cement, 50% San (al; Yield: 1.46 cuft/sx; Water: 6.42 6 lb/gal; Yield: 1.18 cuft/sx; Water ble due to existing conditions	gal/sx. Tail: 75	alad-344, .1% CFR- sx 50/50 Poz with 94	3,3% Bentonite 5,4% Standard Celm	rax Gilsprite, ient, 0.3% Ha	lad-344, .25
14. I hereby certify that the fore Name (Printed/Typed)	-					)
Melisa Zimmern	nan	Title S	enior Operations Tec	hnician		
Signature ///-S	3/-	Date	4-20-6	<u> </u>		
	THIS SPACE FOR FED	ERAL OR S	TATE OFFICE	USE		
Approved by	Mankieve )		itle AF4	Date	5/9/	66
	attached. Approval of this notice does I or equitable title to those rights in the	and the state of t	100		7	
which would entitle the applicant to		Judjeet teast	office TT	<b>,</b>		

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.

Form 3160-5 (April 2004)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR

Comp 3160-5 (April 2004)  DEPARTMENT OF THE BUREAU OF LAND MAN SUNDRY NOTICES AND RE  Do not use this form for proposals abandoned well. Use Form 3160 - 3  SUBMIT IN TRIPLICATE- Other instant of Operator Devon Energy Production Company, L.P.  3a Address PO Box 6459, Navajo Dam, NM 87419	FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007  5. Lease Serial No. SF 078988  6. If Indian, Allottee or Tribe Name  7. If Unit or CA/Agreement, Name and/or No. Northeast Blanco Unit 8. Well Name and No. NEBU 226 9. API Well No. 3004533449  10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		Rosa Pictured Cliffs
1,810' FNL & 60' FWL, SW NE, Unit E, Sec. 20, T31N-F	ROW (SHL)	11. County or Parish, State
1940 FSL+ 700 FEL	Sec 19 (BHL	San Juan, NM
12. CHECK APPROPRIATE BOX(ES) TO	O INDICATE NATURE OF NOTICE	REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	V
Notice of Intent  Subsequent Report  Final Abandonment Notice  Casing Repair  Change Plans  Convert to Injection  13. Describe Proposed or Completed Operation (clearly state all per If the proposal is to deepen directionally or recomplete horizonta Attach the Bond under which the work will be performed or pro following completion of the involved operations. If the operation testing has been completed. Final Abandonment Notices shall be determined that the site is ready for final inspection.)  Devon Energy Production Company, L.P. gives notificated and Drilling Plan.	Fracture Treat Reclamati New Construction Recomple Plug and Abandon Temporar Plug Back Water Dis  tinent details, including estimated starting datally, give subsurface locations and measured avide the Bond No. on file with BLM/BIA. For results in a multiple completion or recomple filed only after all requirements, including the	te of any proposed work and approximate duration thereof.  and true vertical depths of all pertinent markers and zones. Required subsequent reports shall be filed within 30 days etion in a new interval, a Form 3160-4 shall be filed once reclamation, have been completed, and the operator has
		<u> </u>
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	Title Section On the	no Taskudaian
Melisa Zimmerman	Title Senior Operation	ns reconician

Date 4-6-06 IHIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title Office

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.