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, 20

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

	•
	5. Lease Serial No.
Ĭ,	7 / SE 078988
	6. If Indian Allottee or Tribe Name

abandoned we	RECENT	_ '2' U4				
SUBMIT IN TRI	se side. 210	7. If Unit or C	A/Agreement, Name and/or No.			
1. Type of Well Oil Well ✓	8. Well Name and No.					
2. Name of Operator Devon Energ	y Production Company, L.P.			NEBU 247 9. API Well No.		
3a. Address 20 N. Broadway, Oklahoma Ci	ty, OK 73102	3b. Phone No. (include a 405-552-7917	area code)	30-045-34319 10. Field and Pool, or Exploratory Area		
 Location of Well (Footage, Sec., 2) SL: 1,040' FNL & 30' FWL, 1 BHL: 1,950' FSL & 1,140' FSL 		Rosa Pictured Cliffs 11 County or Parish, State San Juan, NM				
12. CHECK AF	PPROPRIATE BOX(ES) TO	INDICATE NATURI	E OF NOTICE, R	EPORT, OR	OTHER DATA	
TYPE OF SUBMISSION		TYP	E OF ACTION			
Notice of Intent Subsequent Report Final Abandonment Notice	rt/Resume) andon	Water Shut-Off Well Integrity Other Bottom Hole Location Change				
13. Describe Proposed or Complete	ed Operation (clearly state all pertir	nent details, ıncludıng estın	nated starting date of ar	y proposed worl	k 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)

Devon Energy Production Company, L.P. gives notification of bottom hole change. Attached is a copy of the new C-102, Survey, Plot, and Drilling Plan.

> **RCVD AUG 10'07** OIL CONS. DIV. DIST. 3

HOLD ONDA FOR diviection I SUNEY I hereby certify that the foregoing is true and correct Name (Printed/Typed) Melisa Castro Title Senior Staff Operations Technician Signature Date THIS SPACE FOR FEDERAL OR STATE OFFICE USE AUG 0 8 2007 Original Signed: Stephen Mason Tıtle 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

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)

which would entitle the applicant to conduct operations thereon.



Office

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
PM Fee Lease - 3 Copies
PM Fee Lease - 3 Copies
PM Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

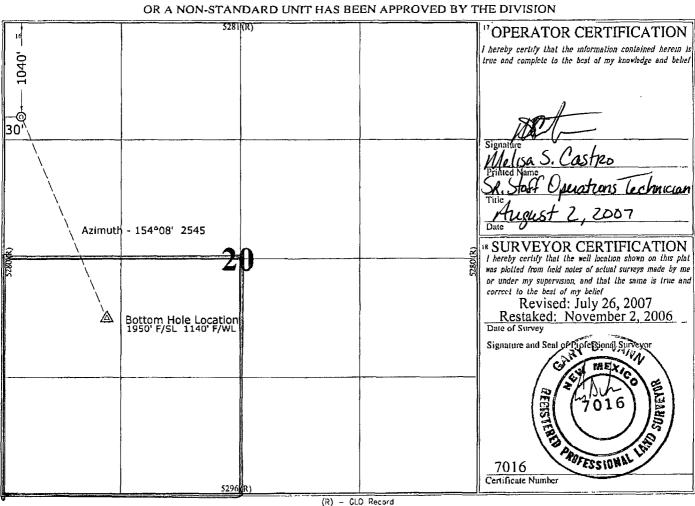
API Number		Pool Code	' Pool Name	- WIMM	
30-045-34	319	96175	Rosa Pictured Cliff	-S	
Property Code		3 Property Name	Welt Number		
19641	NE	EBU			
OGRID No.			Operator Name	* Elevation	
しょいる Devon Energy Produc			ction Company, L.P.	6335	

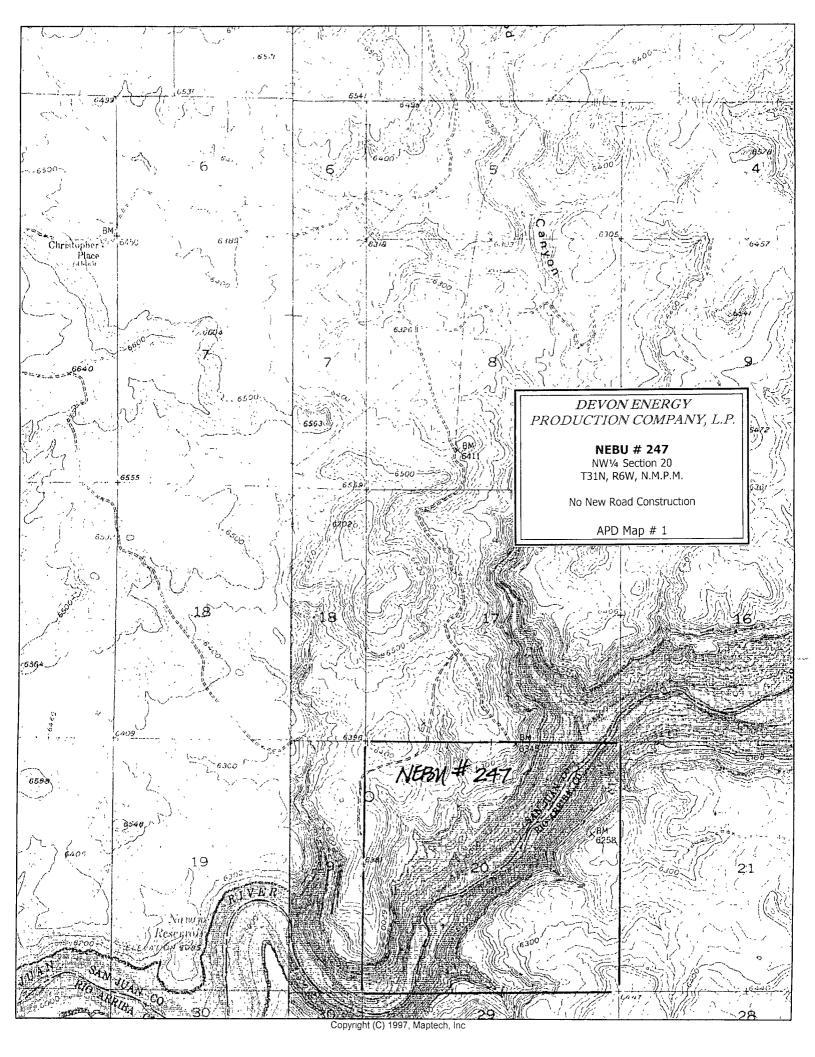
Surface Location

UL or Lot No.	Section	Tawnship	Range	Lot Ido	Feet from the	North/South line	Feet from the	East/West line	County
D	20	31 N	6 W		1040	NORTH	30	WEST	SAN JUAN
			" Bott	om Hole	Location If	Different From	n Surface		
7 UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	20	31 N	6 W		1950	SOUTH	1140	WEST	SAN JUAN
11 Dedicated Acre	s ¹¹ Join	t or infill	Consolidation	n Code 13 0	Order No.	<u> </u>			
160- 500/4	4								

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



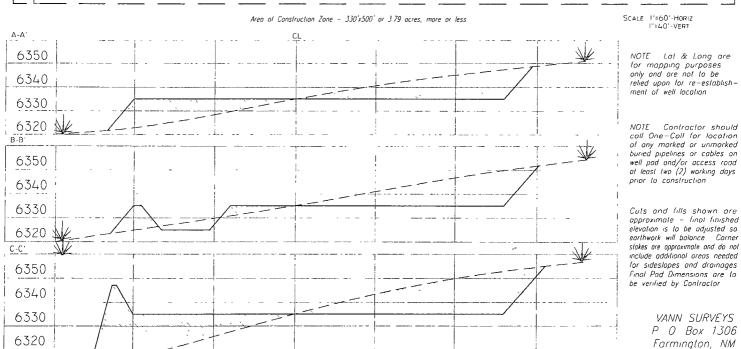


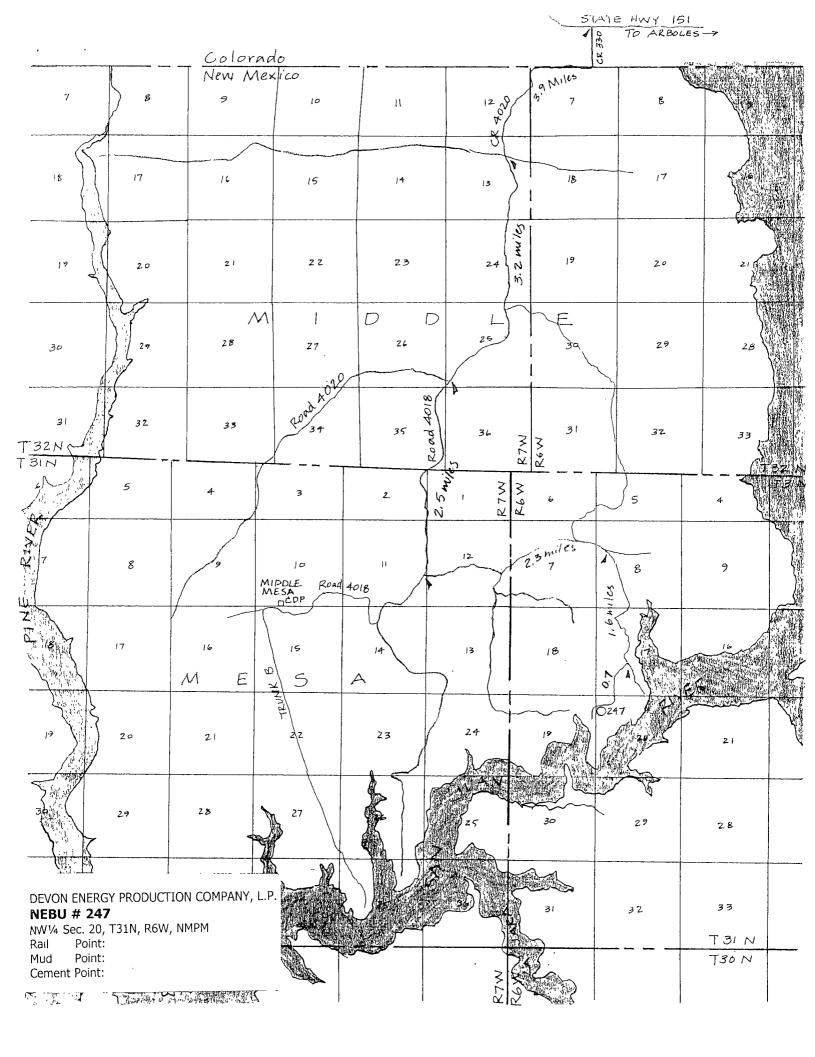
PAD LAYOUT PLAN & PROFILE DEVON ENERGY PRODUCTION COMPANY, L.P.

Nebu #247 1040' F/NL 30' F/WL SEC. 20, T31N, R6W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO

Lat: 36.88939° (83) Long: 107.49516° (83)

В C Д (<u>6</u>) (§) 181 12' F 10 35 PROPOSED PROPOSED FLARE PIT 20' 90, RESERVE PIT 00 7/ 130, 7// Mud Tanks 4 ① *C* ELEV. | 6335 0 S 5° W 1C0 Draw Works 150 Proposed Wellhead NEBU # 327N LAYDOWN 230 130. 230' REVISED DECEMBER 12 , 2006 SCALE 1" = 60" Proposed Access Road SCALE 1 = 00 RESTAKED NOVEMBER 2, 2006 2 C 18 1501 250 B' Reserve Pil Dike - Should be 8' above Deep side (overflow - 3' wide & 1' above shallow side)
flare Pil - Overflow pipe should be hallway belween lop and bottom and extend over plastic liner and into liare pil Existing Access Road NOTES ·500' CONSTRUCTION ZONE

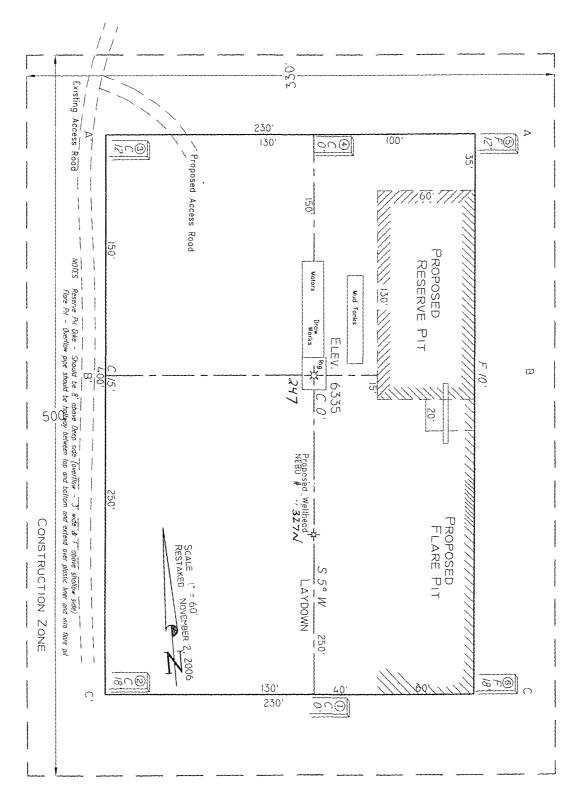




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Lat: 36.88939° (83) Long: 107.49516°



NEBU 247 Unit D 20-T31N-R6W San Juan Co., NM

DRILLING PLAN

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

Formation	TMD (FT)	TVD (FT)	Hydrocarbon/Water Bearing Zones
San Jose	Surface	Surface	
Ojo Alamo	3519	2277	Aquifer
Kirtland	3652	2389	
Fruitland	4100	2813	Gas
Fruitland 1 st Coal	4284	2997	Gas
Pictured Cliffs	4456	3169	Gas
Pictured Cliffs Main	4557	3270	Gas
Lewis	4664	3377	Gas
TD	4764	3477	

^{*}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, with a size of 2", 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 3400 psi.

3. Casing & Cementing Program:

A. The proposed casing program will be as follows:

TMD	TVD	Hole Size	Size	Grade	Weight	Thread	Condition
0-285'	0-285'	12- 1/4"	9-5/8"	H-40	32#	STC	New
0-4234	0-4234	8-3/4"	7"	K-55	23#	LTC	New
0- TD	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>Intermediate</u>: 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).

<u>Production</u>: The bottom three joints will have a minimum of one centralizer per joint and one centralizer every fifth joint to 3400' (estimated 25 centralizers used). Centralizers will be open bow spring or basket bow spring type.

B. The proposed cementing program will be as follows:

Surface String: Cement will be circulated to surface.

Lead: 200 sks Class "B" with 100% Standard Cement, 2.00% CaCl2, .25 #/sk Flocele. Density: 15.6 lb/gal; Yield: 1.18 cuft/sk;

Water: 5.24 gal/sk *

* Minor variations possible due to existing conditions

Intermediate String: Cement will be circulated to surface.

Lead: 500 sx 50/50 Poz, Yd-1.45, Water Gal/sx 6.8, Mixed @

13ppg Foamed W/ N2 Down To 9.0# Additives 2% Gel, 0.2% Versaset, 0.1% Diacel Lwl.

Tail: 75 sx 50/50 Poz, Yd-1.45, Water Gal/Sk 6.8, Additives 2% Gel, 0.2% Versaset, 0.1% Diacel Lwl.

* Minor variations possible due to existing conditions

If hole conditions dictate, an alternate, cement design will be used:

Lead: 575 sx 50/50 Poz with 50% Class B Cement, 50% San Juan Poz, .4% Halad-344, .1% CFR-3, 3% Bentonite, 5#/sx Gilsonite, .25#/sx Flocele. Density: 13.0 lb/gal; Yield: 1.46 cuft/sx; Water: 6.42 gal/sx

Tail: 75 sx 50/50 Poz with 94#/sx Standard Cement, 0.3% Halad-344, .25 #/sx Flocele. Density: 15.6 lb/gal; Yield: 1.18 cuft/sx; Water: 5.23 gal/sx

* 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

Cement with 500 sacks Class B 50/50 POZ, 3% gel, 5# gilsonite,

1/4"# Flocele, .1% CFR 3, .2% Halad 344, yield 1.47 ft3/sx.

Cement designed to circulate to surface.

Pending hole conditions, cement baskets may be installed above

TD

* Minor variations possible due to existing conditions

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

If hole conditions dictate an alternate cement design will be used.

Lead: 500 Sx Of 50/50/Std/ Poz, Yd-1.45, Water Gal/Sk 6.8, Mixed @ 13ppg Foamed W/ N2 Down To 9.0# Additives 2% Gel, 0.2% Versaset, 0.1% Diacel Lwl.

Tail: 75 Sx50/50/Std/ Poz, Yd-1.45, Water Gal/Sk 6.8, Additives 2% Gel, 0.2% Versaset, 0.1% Diacel Lwl.

4. DRILLING FLUIDS PROGRAM:

TMD Interval	TVD Interval	Type	Weight (ppg)	Viscosity	рН	Water Loss	Remarks
0-285'	0-285'	Spud- foam	8.4-9.0	29-70	8.0	NC	FW gel, LSND or stiff foam
285'-4,234'	285'-2,947'	Water/ Mud	8.4-9.0	29-70	8.0	NC	

^{*} Minor variations possible due to existing conditions

4,234' - TD	2,947' - TD	Air/N2	8.5-9.0*	30-50	8.0-10.0	8-810cc	Low solids-
		or	·			@ TD	non-dispersed.
	Ì	Mud)				* min Wt. to
			ļ				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.

5. EVALUATION PROGRAM:

Logs: Density

Neutron Induction

In the event open hole logs are not run in the well, a cased hole evaluation log will Be run from

Survey: Deviation surveys will be taken every 500' of the 8 3/4" hole, or first succeeding bit

change. The hole will be air drilled from intermediate TD – well TD. The equipment used in this type of operation will not allow for single shot suveys without considerable operational delays. A survey will be taken at TD. Similar wells in this area have not shown significant deviation in this section of the hole.

Cores: None anticipated.

DST's: None anticipated.

6. ABNORMAL CONDITIONS:

The Fruitland Coal will be encountered within the 8 3/4" hole. 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:

Starting Date: Upon Approval

Duration: 20 days

If the well is completed as a dry hole or as a producer, Well Completion or Recompletion Report and Log (Form 3160-4) will be submitted within 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3160. Copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample descriptions, daily drilling reports, daily completion reports, and all other surveys or data obtained and compiled during the drilling, completion, and/or workover operations, will be submitted directly to the Authorized Officer or filed with Form 3160-4.