Form 3160 •3 (April 2004)

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES 2007 MAY -4 AM 9: 19
DEPARTMENT OF THE INTERIOR

5. Lease Serial No. SF 079003

BUREAU OF LAND MA	SF 077003				
APPLICATION FOR PERMIT T	6. If Indian, Allotee or Tri	be Name			
Ia. Type of work: DRILL REE	7 If Unit or CA Agreement, Name and No. Northeast Blanco Unit				
Ib. Type of Well: ☐Oil Well ☐Gas Well ☐Other	8. Lease Name and Well No. NEBU 250	0.			
2 Name of Operator Devon Energy Production Company	, L.P.			9. API Well No. 30-045-34299	
3a. Address 20 N. Broadway Oklahoma City, OK 73102	- 1	No. (include area code) -552-7917		10. Field and Pool, or Explora S Los Pinos F/S Pict	itory
4. Location of Well (Report location clearly and in accordance with At surface 860' FNL & 1,075' FWL, Unit D At proposed prod. zone Same		irements.*)		11. Sec., T. R. M. or Blk. and Sec. 35-31N-7W	Survey or Area
Distance in miles and direction from nearest town or post office* Approximately 15.4 miles				12. County or Parish San Juan	13. State NM
IS Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 860'		16. No. of acres in lease 17. Spacin 2560 Acres 160 A		ng Unit dedicated to this well	
8. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 524'	19. Prop 3,462	osed Depth	20. BLM/E	BIA Bond No. on file	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) GR 6,342'	22. Appr	oximate date work will star 08/01/2007	rt*	23. Estimated duration Unknown	
		ttachments			
The following, completed in accordance with the requirements of On 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Office).	tem Lands, the	4. Bond to cover the ltem 20 above). 5. Operator certification.	he operation ation specific infe	ns unless covered by an existin	
25. Signature	Name (Printed Typed) Melisa Castro			Date 5	-/-07
itle Senior Staff Operations Technician					
Approved by Signature Man les Or	Na	Name (Printed/Typed) Date			6/4/0
Title ATM		fice	_ ن		
Application approval does not warrant or certify that the applicant leaduct operations thereon. Conditions of approval, if any, are attached.	holds legal or o	equitable title to those righ	ts in the sub	gect lease which would entitle t	he applicant to
Fitle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations	a crime for ar	y person knowingly and ver within its jurisdiction.	willfully to n	nake to any department or ager	cy of the United

*(Instructions on page 2)

NOTIFY AZTEC OCD PRIOR TO CASING & CEMENT

RCVD JUN5'07 OIL CONS. DIV. DIST. 3

NMOCD WH

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

- District 1 PO Box 1980, Hobbs NM 88241-1980 District II

District III

PO Drawer KK, Artesia, NM 87211-0719

1000 Rio Brazos Rd., Aztec, NM 87410 District IV

PO Box 2088, Santa Fc. NM 87504-2088

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 707 11 4 P 9: 19 Revised February 21, 1994 Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

Form C-102

AMENDED REPORT

RECEIVED WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		¹ Pool Code	210 Pool N	
30-045-	34299	80690	S. Los Pinos; F/S Picture	d Cleffs
Property Code			Property Name	⁶ Well Number
19641	NEB	U		· # 250
7 OGRID No.			* Operator Name	* Elevation
4137	Devo	n Energy Produ	uction Company, L.P.	6342

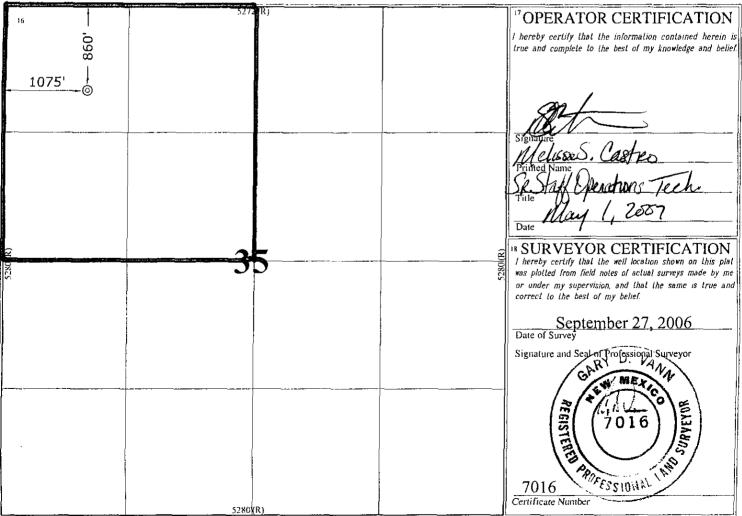
Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	35	31 N	7 W		860	NORTH	1075	WEST	SAN JUAN
11 Bottom Hole Location If Different From Surface									
' UL or lot no.	Section	Township	Range	Lot kin	Feet from the	North/South line	Peet from the	East/West line	County

Range Lot kin Feet from the North/South line Peet from the East/West line County

Dedicated Acres Joint or Infill Consolidation Code 15 Order No. NW 140

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

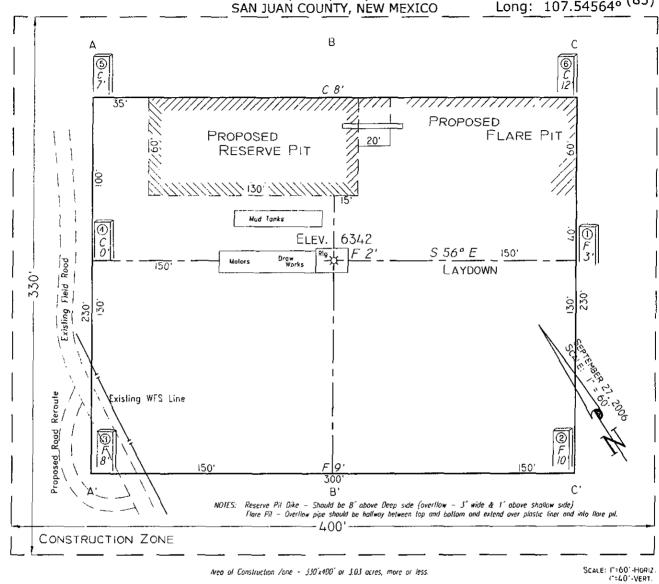


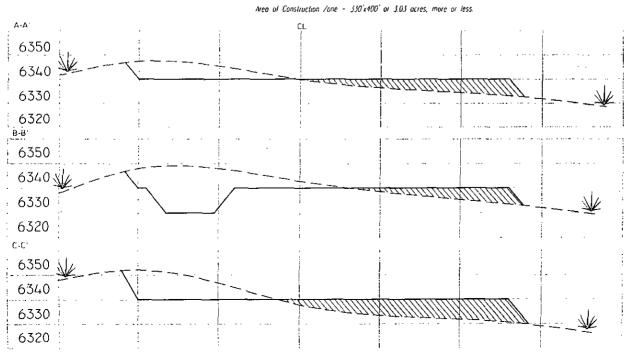
Submit 3 Copies To Appropriate District	State of	New Mexico	Form C-103
Offi⊋e District I	Energy, Minerals	and Natural Resources	May 27, 2004
1625 N. French Dr., Hobbs, NM 88240			WELL API NO.
District II	OIL CONSERV	VATION DIVISION	30-045-34299
1301 W. Grand Ave., Artesia, NM 88210 District III	1220 South St. Francis Dr.		5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410			STATE FEE
District IV	Santa Fe, NM 87505		6. State Oil & Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505			SF 079003
	CES AND REPORTS O	N WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOS			-
DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)	ATION FOR PERMIT" (FOR	M C-101) FOR SUCH	Northeast Blanco Unit
	Gas Well 🛛 Other		8. Well Number
1. Type of went on wen	Gus Well Zu Gulei		250
2. Name of Operator			9. OGRID Number
Devon Energy Production Compa	ıny, L.P.		6137
3. Address of Operator			10. Pool name or Wildcat
20 N. Broadway, Oklahoma City,	OK 73102		S Los Pinos Pictured Cliffs
4. Well Location			
Unit Letter D : 8	s60 feet from the	North line and1,075_	feet from theWestline
Section 35 To	wnship 31N Rang	e 7W NMPM	County San Juan
		hether DR, RKB, RT, GR, etc	
	,	, , ,	
Pit or Below-grade Tank Application 🛭 or	Closure 🗌		
Pit type Drilling Depth to Groundwa	ter >100' Distance from ne	earest fresh water well >1000'	Distance from nearest surface water_>1000'
	 Below-Grade Tank: Volume		uction Material Synthetic Liner
12. Check A	appropriate Box to Ir	ndicate Nature of Notice,	Report or Other Data
NOTICE OF IN	TENTION TO	l cur	CECUENT DEDODE OF
NOTICE OF IN PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON	• • • • • • • • • • • • • • • • • • •	SSEQUENT REPORT OF: RK
			ILLING OPNS. P AND A
TEMPORARILY ABANDON	CHANGE PLANS MULTIPLE COMPL	☐ COMMENCE DE	
PULL OR ALTER CASING	MOLTIPLE COMPL	L CASING/CEMEN	11 30B
OTHER: Construction Drilling I	Pit	☑ OTHER:	
			nd give pertinent dates, including estimated date
of starting any proposed wo	rk). SEE RULE 1103.	For Multiple Completions: A	ttach wellbore diagram of proposed completion
or recompletion.			
~ *		-	pit will be in accordance with the
NMOCD regulations with the	cutting of the liner a	pplying to the BLM rule	S.
I hereby certify that the information	above is true and comple	te to the best of my knowled	ge and belief. I further certify that any pit or below-
grade tank has been/will be constructed or	closed according to NMOCD	guidennes 🔀, a general permit 🗀	or an (attached) alternative OCD-approved plan .
SIGNATURE SIGNATURE	_	TITLE Senior Staff Operat	tions Technician DATE 5-/-07
SIGNATURE TO CO.		_TTTEEBeiner Built Opera	dons roominating Diring 3 7 2 7
Type or print name Melisa Castro	E-mail address:	Melisa.castro@dvn.com	Telephone No. (405) 552-7917
For State Use Only			· · · · · · · · · · · · · · · · · · ·
	1	penitu an a a a a	FORCTOD DICT &
APPROVED BY:	+ Made	TITLE DEPUTY OIL & GAS IN	ISPECTOR, DIST. DATE JUN U 7 2007
Conditions of Approval (if any):	\mathcal{I}		

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

Nebu # 250 860' F/NL 1075' F/WL SEC. 35, T31N, R7W, N.M.P.M.

Lat: 36.86091° (83) Long: 107.54564° (83)





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 earthwark will balance. Corner stakes are approximate and do not include additional areas needed for sidestapes and drainages final Pad Dimensions are to be verified by Contractor.

VANN SURVEYS P. O. Box 1306 Formington, NM

NEBU 250 Unit D 35-31N-7W San Juan Co., NM

DRILLING PLAN

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

Formation	TVD (ft)	Hydrocarbon/Water Bearing Zones
San Jose	Surface	
Ojo Alamo	2241	Aquifer
Kirtland	2339	
Fruitland	2794	Gas
Fruitland 1 st Coal	2958	Gas
Pictured Cliffs Tongue	3157	Gas
Pictured Cliffs	3284	Gas
Lewis	3262	
то	3462	

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.
 Swifty values & Lubs to fit all duill strings in use

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

Lead: 500 sx 50/50 Poz, Yield-1.45 ft3/sx, 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, 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	pН	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.

^{*} Minor variations possible due to existing conditions

Well Control Equipment

