Form 3160-3 (April 2004) UNITED STAT DEPARTMENT OF (THI BUREAU OF LAND M	EUNTERIOR		11	FORM APP OMB No. 10 Expires Marc 5. Lease Serial No. SF 079010	04-0137	
APPLICATION FOR PERMIT	, T		eta Garanta	'6. If Indian, Allotee or	Tribe Name	
la. Type of work: DRILL REE	NTER	3.7 8.7		7. If Unit or CA Agreeme Northeast Blanco	Unit	
lb. Type of Well: Oil Well Gas Well Other	SELLIPS	Single Zone Multip	ole Zone	8. Lease Name and Wel NEBU 234	I NO.	
2. Name of Operator Devon Energy Production Company	, L.P.			9. API Well No. 30045	-32779	
3a. Address PO Box 6459 Farmington, NM 87419	i i	0. (include area code) 32-0244		10. Field and Pool, or Exp Pictured Cliffs		
4. Location of Well (Report location clearly and in accordance with At surface NE SE, Unit I, 1,440' FSL & 660 At proposed prod. zone Same		ements.*)		11. Sec., T. R. M. or Blk. a Sec. 23, T31N, R7	•	
14. Distance in miles and direction from nearest town or post office* Approximately 13.2 miles	· · · · · · · · · · · · · · · · · · ·			12. County or Parish San Juan	13. State NM	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660'	16. No. of 2,560	acres in lease	17. Spacir	ng Unit dedicated to this well		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Propos 3,590'	ed Depth	20. BLM/	/BIA Bond No. on file		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) GR 6,444'	22. Approx	kimate date work will star 02/10/2005				
		achments				
The following, completed in accordance with the requirements of Or	shore Oil and Ga	s Order No.1, shall be a	ttached to th	nis form:		
 Well plat certified by a registered surveyor. A Drilling Plan. 		Item 20 above).	-	ons unless covered by an ex	sting bond on file (see	
A Surface Use Plan (if the location is on National Forest Sys SUPO shall be filed with the appropriate Forest Service Office)		Operator certific Such other site authorized office	specific inf	ormation and/or plans as ma	ay be required by the	
25. Signature M.S. &	Nam	Name (Printed/Typed) Melisa Zimmerman			ite 12-10-04	
Title Senior Operations Technician						
Approved by Gignature Manles Co	Nam	e (Printed/Typed)		D	4-26-5\$	
Title AEM	Offic	PFO		. '"		
Application approval does not warrant or certify that the applicant conduct operations thereon. Conditions of approval, if any, are attached.	holds legal or equ	uitable title to those righ	ts in the sul	oject lease which would entit	le the applicant to	

*(Instructions on page 2)

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.

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 2004 DEC 20 67 11 41

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

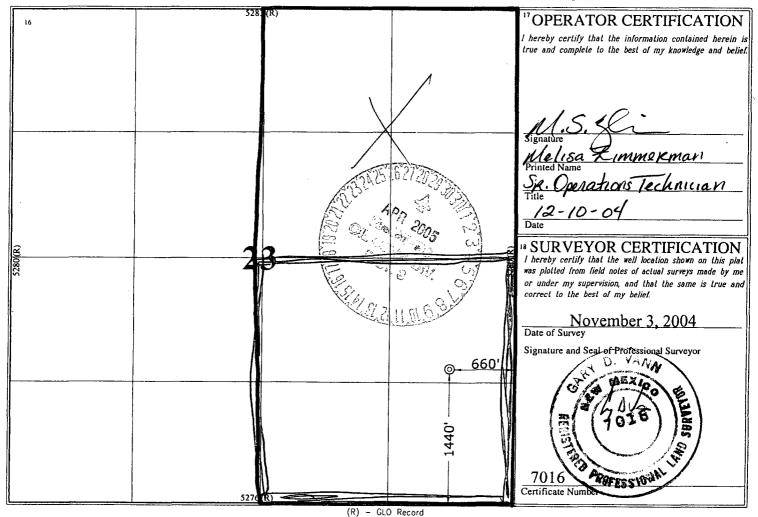
30-045-32	1 179 80 690	Fictured Cliffs F	S./P.C.
Property Code		⁵ Property Name	⁶ Well Number
19641	NEBU		# 234
¹ OGRID No.		8 Operator Name	⁹ Elevation
6137	Devon Energy Produ	ction Company, L.P.	6444
	10 0	O T .	

Surface Location

UL or Lot No.	23	31 N	7 W	Lot Idn	1440	SOUTH	Feet from the	EAST	SAN JUAN
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
12 Dedicated Acre	s ⁽³ Join	or Infill 14	Consolidatio	n Code 15 (Order No.		<u> </u>		
160									

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 # 234 1440' F/SL 660' F/EL SEC. 23, T31N, R7W, N.M.P.M.

Lat: 36°52'54" Long: 107°32'01" SAN JUAN COUNTY, NEW MEXICO В С Д ®C'0' (B) (C) CO PROPOSED PROPOSED FLARE PIT 201 RESERVE PIT 77.17.77.77.739.77/// Mud Tanks (4) CO ELEV. | 6444 S 76° E 150' Draw Works 150 LAYDOWN 130 30 230' Existing Well Head Existing Access Road EXISTING @C'0' 150 150' B NOTES: Reserve Pit Dike - Should be 8' above Deep side (overflow - 3' wide & 1' above shallow side)
Flare Pit - Overflow pipe should be hallway between top and bottom and extend over plastic liner and into flare pit. -400'-CONSTRUCTION ZONE

SCALE: 1"=60'-HORIZ. 1"=40'-VERT. Area of Construction Zone - 330'x400' or 3.03 ocres, more or less. 6450 6440 6430 6420 B-B' prior to construction. 6450 6440 6430 6420 C-C. <u>64</u>50 6440 6430

6420

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

Cuts and fills shown are approximate - final finished elevation is to be adjusted so earthwork will balance. Corner slakes 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 234 Unit I 23-31N-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	2322	Aquifer
Kirtland	2443	
Fruitland	2877	Gas
Pictured Cliffs Tongue	3231	Gas
Pictured Cliffs	3362	Gas
Lewis	3490	
TD	3590	

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
0-3669	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 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 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 Of 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 Sx50/50 / Poz, Yield-1.45 ft3/sx, 13 lb/gal, Additives 2%

Gel, 0.2% Versaset, 0.1% Diacel Lwl.

* Minor variations possible due to existing conditions

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

4. DRILLING FLUIDS PROGRAM:

TVD	Туре	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 will use mud, but may use air to "lighten"
to avoid lost circulation problems per mz 1/12/05

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:

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.

Well Control Equipment 2,000 psi Configuration

