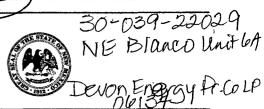
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ABOVE THIS LINE FOR DIVISION USE ONLY

### RECEIVE MEXICO OIL CONSERVATION DIVISION - Engineering Bureau -



	2009 JAN 20	1220 South St. Francis Drive, Sai	nta Fe, NM 87505	Devon Energy f
		ADMINISTRATIVE APP	LICATION CHECKLIS	T
	THIS CHECKLIST IS N	MANDATORY FOR ALL ADMINISTRATIVE APPLIC	CATIONS FOR EXCEPTIONS TO DIVISION RU	JLES AND REGULATIONS
Appl	DHC-Dow PC-Po	is: Indard Location] [NSP-Non-Standard Inhole Commingling] [CTB-Lease Cool Commingling] [OLS - Off-Lease [WFX-Waterflood Expansion] [PM]	Proration Unit] [SD-Simultaneous commingling] [PLC-Pool/Lease C Storage] {OLM-Off-Lease Meas X-Pressure Maintenance Expansio Pl-Injection Pressure Increase]	Commingling) urement] on]
[1]	TYPE OF A	PPLICATION - Check Those Which	Apply for [A]	
-	[A]	Location - Spacing Unit - Simultane NSL NSP SD	eous Dedication	
	Checl	Cone Only for [B] or [C]		
	[B]	Commingling - Storage - Measurem  DHC CTB PLC		
	[C]	Injection - Disposal - Pressure Incre WFX PMX SWD	ase - Enhanced Oil Recovery  IPI EOR PPR	
	[D]	Other: Specify		
[2]	NOTIFICAT	TION REQUIRED TO: - Check Thos	e Which Apply, or □ Does Not App	oly
	[A]	Working, Royalty or Overridin	g Royalty Interest Owners	
	[B]	Offset Operators, Leaseholders	or Surface Owner	
	[C]	Application is One Which Req	uires Published Legal Notice	
	[D]	Notification and/or Concurrent U.S. Bureau of Land Management - Commission		
	[E]	For all of the above, Proof of N	Iotification or Publication is Attach	ed, and/or,
	[F]	Waivers are Attached		
[3]		CURATE AND COMPLETE INFOATION INDICATED ABOVE.	RMATION REQUIRED TO PR	OCESS THE TYPE
	oval is <mark>accurate</mark> a	TION: I hereby certify that the informand complete to the best of my knowled equired information and notifications a	dge. I also understand that no action	
	Note	: Statement must be completed by an individ	lual with managerial and/or supervisory o	apacity.
	Pippin	Miketippin	Petroleum Engineer	January 15, 2009
Print	or Type Name	Signature	Title	Date
			mike@pippinllc.com e-mail Address	
			c-man Address	

## DEVON ENERGY PRODUCTION COMPANY, L.P. Mike Pippin 3104 N. Sullivan Avenue Farmington, NM 87401

505-327-4573 (phone) mike@pippinllc.com

January 15, 2009

NMOCD c/o Will Jones 1220 South St. Francis Drive Santa Fe, NM 87505

RE:

Application for Downhole Commingling - C-107A Northeast Blanco Unit #6A - API#: 30-039-22029

Unit Letter "F" Section 29 T30N R07W
Rio Arriba County. New Mexico

Dear Mr. Jones:

Devon Energy Production Company, L.P. would like to commingle the Blanco Mesaverde interval with the South Los Pinos Fruitland Sand Pictured Cliffs interval in the referenced well. This well was completed in the Mesaverde on 9/1/79 and recompleted in the Pictured Cliffs on 1/10/09. Attached is the C-107A along with the necessary supporting data. The PC side of this well was tested on 1/8/09 for 330 MCF/D. The MV side has produced since 11/79 and is currently making about 150 MCF/D.

The allocation of production will be calculated as follows. The two zones will be produced separately for a minimum of 90 days. The unit type curve constructed for each zone will then be fitted to the 90-day production test data for each zone. The resulting curve will be used to forecast future monthly production rates for the life of each zone. The zones will then be commingled. Monthly production will then be allocated to each zone based on the ratio of the forecast production rates for each zone for that month.

For example, if in any given future month, the MV was forecast from its type curve to make 750 MCF/D, and the PC was forecast from its type curve to make 250 MCF/D, then the actual commingled production for that month would be allocated 75% to the MV and 25% to the PC. Allocations will change monthly (although the month-to-month changes will be relatively small).

This allocation method is required because production from the two zones decline differently as evidenced by their type curves. A constant percentage allocation would not be adequate because ownership differs in the two zones. Devon will submit the necessary well tests, commingle allocations, and calculations on a C-103 to the NMOCD district office.

Please contact me at 505-327-4573 should you have any questions.

Very truly yours,

Mike Pippin PE Petroleum Engineer

**Enclosures** 

District I 1625 N. French Drive, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A Revised June 10, 2003

District II

District III District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

**Oil Conservation Division** 

1220 South St. Francis Dr. Santa Fe, New Mexico 87505 APPLICATION TYPE

\_X\_Single Well Establish Pre-Approved Pools EXISTING WELLBORE

X Yes

DEVON ENERGY PRODUC	TION COMPANY,	L.P. c/o Mike Pippir	LLC (agent).	3104 N. Sullivan	Farmington, NM 87401
Operator		Address		1745-	H155)
Northeast Blanco Unit #6A		F SEC. 29 T30N R07W			Rio Arriba
Lease	Well No.	Unit Letter-Section-Towns	hip-Range		County

OGRID No. 06137 Property Code 02117 API No. 30-039-22029 Lease Type: X Federal State Fee BLANCO **DATA ELEMENT** INTERMEDIATE ZONE LOWER ZONE Los Pinos Fruitland Blanco Mesaverde Pool Name Sand Pictured Cliffs 72319 Pool Code 3466'-3506' 5290'-5762' Top and Bottom of Pay Section (Perforated or Open-Hole Interval) Flowing Flowing Method of Production (Flowing or Artificial Lift) Bottomhole Pressure perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone) Oil Gravity or Gas BTU (Degree API or Gas BTU) Producing Producing Producing, Shut-In or New Zone Date and Oil/Gas/Water Rates of Last Production. Date: 1/8/09 Date: Date: 9/08 (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.) Rates: 330 MCF/D Rates: Rates: 155 MCF/D

Fixed Allocation Percentage (Note: If allocation is based upon something other			Oil	G	ias			
than current or past production, supporting data or explanation will be required.)	%	%	<u> </u>	%	%	%		%
		ADDITIO	NAL DAT	`A				
Are all working, royalty and overriding							Yes	NoX
If not, have all working, royalty and ov	ernding royalt	y interest owners bee	n notified b	y certified mail?			Yes_ <u>X</u>	No
Are all produced fluids from all commi	Yes X	No						
Will commingling decrease the value of production?								No X
If this well is on, or communitized with or the United States Bureau of Land M					ands		Yes_ <u>X</u>	No
NMOCD Reference Case No. applicab	le to this well:							
Attachments: C-102 for each zone to be comming Production curve for each zone for For zones with no production histo Data to support allocation method of Notification list of working, royalty	at least one yeary, estimated por formula.  y and overriding	ear. (If not available, production rates and s ag royalty interests for	attach expla supporting d	nation.) ata.				
Any additional statements, data or	documents rec	uired to support com	mingling.					
		DDE ADDO	NED DO	O. 6				

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required: List of other orders approving downhole commingling within the proposed Pre-Approved Pools List of all operators within the proposed Pre-Approved Pools

troof that all operators within the proposed Pre-Approved Pools were provided notice of this application.  Softomhole pressure data.								
hereby certify that the information above is true and complete to the best of my knowledge and belief.								
SIGNATURE Mile TIFLE Petroleum Engineer - Agent DATE January 15, 2009								
TYPE OR PRINT NAME Mike Pippin TELEPHONE NO. ( 505 ) 327-4573								
E-MAIL ADDRESS mike@ninninllc.com								

### NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section. Legae Operator NORTHEAST BLANCO UNIT BLACKWOOD & NICHOLS 64 Unit Letter Section Township Range RIO ARRIBA 7W., N.M.PM 30 N. Actual Footage Location of Wells 1630 feet from the 1600 feet from the north line and west Dedicated Acreages Pool Ground Level Elev: Producing Formation Blanco-Mesaverde 6546 UG Mesaverde Астев 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? If answer is "yes," type of consolidation \_\_\_\_\_Unitization X Yes ☐ No If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-Bion. CERTIFICATION I hareby certify that the information contained herein is true and complete to the wledge and belief. <u>DeLasso Loos</u> 1630 District Manager Company Blackwood & Nichols Co Federal 4-19-79 I heraby certify that the well location shown on this plat was platted 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 knowledge and belief. Date Surveyed . April Registered Professional John Certificate No. PART TO SERVE

660

190

1923 1680 1980 2810 2640

2000

1941

District.l

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr.

Form C-102 Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

District IV 1220 S. St. Francis  30- 4 Property 6 00211	1220 South St. Flaticis Dr.   Santa Fe, NM 87410   Santa Fe, NM 87505						me	Feed AME	ELease - 4 Copies ELease - 3 Copies ENDED REPORT  Well Number  6A  PElevation	
06137				Devon E	•	tion Company, L	.P.	1		546' GL
L	<b>-</b>				10	Location				
UL or lot no. F	Section 29	Township 30-N	Range 7-W	Range Lot Idn Feet from the North/South line Feet from the East/W						County Rio Arriba
		,	11 Bc			If Different Fro		·		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes		County EC 9'08
NW/4 160 No allowable division.			s comple		rder No.	been consolidated	or a non-standa		DIC	NS. DIV.
1630		1600'	,	29			I hereby certific to the best of to the best of to owns a worker the proposed location pursitiverest, or to order heretoff.  Signature  Mike Pint Printed Nam  18 SUR I hereby of plat was pomade by n	ty that the information to the information to a contract to a contract to a contract to a voluntary pools for entered by the solid to be solid to the	ation contain id belief, and i eased numeration or has a i with an own ing agreemen division.  CERN e well loca field notes my superv	PIFICATION  ed hereen is true and complete that this arganization either I interest in the land including right to drill this well at this er of such a mineral or working if or a compulsory pooling  12/8/08  Date  PIFICATION atton shown on this of actual surveys ision, and that the eest of my belief.

Date of Survey

John A. Kroeger

1941 Certificate Number

Signature and Seal of Professional Surveyor

### NORTHEAST BLANCO UNIT #6A PC WORKING INTEREST OWNERS

BP America Production Company 501 Westlake Park Blvd. (Room 19.108 WL1) Houston TX, 77079

Conoco Phillips Company P.O. Box 4289 Farmington, NM 87499-4289

Note: Devon Energy, B&N Co., and BN Non-Coal Requires no notification; therefore not listed above

### NORTHEAST BLANCO UNIT - MESAVERDE WORKING INTEREST OWNERS

BP America Production Company 501 Westlake Park Blvd. Room 19.108 WL1 Houston, TX 77079

B&N Company, A Limited Partnership c/o Devon Energy Production Company, L. P. 20 North Broadway Oklahoma City, OK 73102

BN Non-Coal, LLC c/o Devon Energy Production Company, L. P. 20 North Broadway Oklahoma City, OK 73102

Burlington Resources Oil & Gas Company c/e ConocoPhillips Company P. O. Box 4289 Farmington, NM 87499-4289

Canaan Resources, LLC
One Leadership Square
211 N. Robinson Avenue, Suite N1000
Oklahoma City, OK 73102

Castle, Inc. 502 Keystone Drive Warrendale, PA 15086

ConocoPhillips Company P. O. Box 4289 Farmington, NM 87499-4289

Devon Energy Production Company, L. P. 20 North Broadway Oklahoma City, OK 73102

Diverse Energy Investments Two Galeria Tower 13455 Noel Rd, Suite 2000 Dallas, TX 75240

Forest Oil Corporation 707 17<sup>th</sup> St., Suite #3600 Denver, CO 80202

Four Star Oil & Gas Company c/o Chevron North America P. O. Box 36366 Houston, TX 77236

Charles W. Gay c/o James M. Raymond, AlF P. O. Box 291445 Kerrville, TX 78029-1445 Lorrayn Gay Hacker c/o James M. Raymond, AIF P. O. Box 291445 Kerrville, TX 78029-1445

Andrew B. Kelly, Jr. 2575 Sunset Drive Atlanta, GA 30345

Charles E. Kelly, Ph.D. 4585 Jordan Spurks Bozeman, MT 89745-59715

Susanna Phillips Kelly P. O. Box 147 Cameron, MT 59720

Susanna P. Kelly, Jr. 8383 Chapman Road Bozeman, MT 59715

Jane P. Ladouceur 109 Longsford San Antonio, TX 78209

McAfee Oil and Gas LLC P.O. Box 1087 Norman, OK 73070-1087

T. H. McElvain Oil & Gas Ltd. Partnership McElvain Oil & Gas Properties, Inc., GP 1050 17<sup>th</sup> Street, Suite 1800 Denver, CO 80265

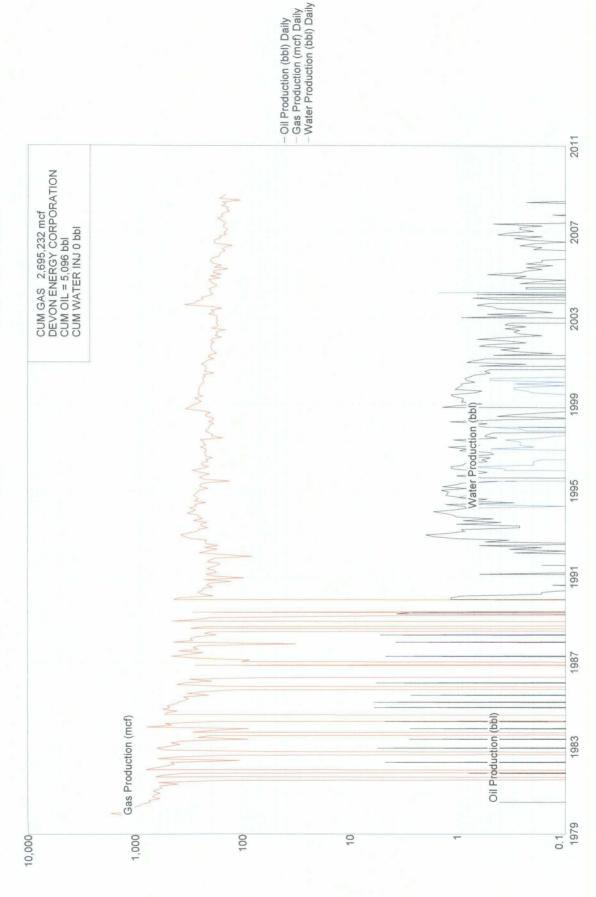
Maydell Miller Mast Trust James M. Raymond, Trustee P. O. Box 291445 Kerrville, TX 78029-1445

J & M Raymond, Ltd. Raymond & Sons I, LLC, GP P. O. Box 291445 Kerrville, TX 78029-1445

XTO Energy Corp. 810 Houston Street Fort Worth, TX 76102

Robert E. Zimmerman, Jr. 1616 S. Voss, Suite 875 Houston, TX 77057 Lease Name: NORTHEAST BLANCO UNIT County, State: RIO ARBA, NM Operator: DEVON ENERGY CORPORATION Field: BLANCO Reservoir: MESAVERDE Location: 29 30N 7W NW SE NW

# NORTHEAST BLANCO UNIT - 6A 29 30N 7W NW SE NW MESAVERDE 11/1979 30039220290000



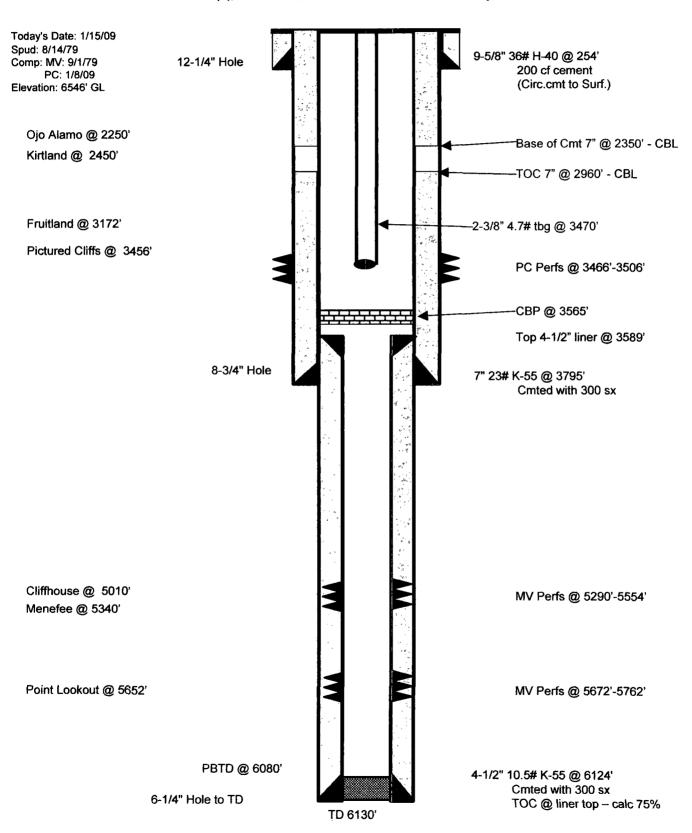
Daily Rates

### NORTHEAST BLANCO UNIT #6A

### Current - 1/15/09

Mesaverde / Pictured Cliffs / API#: 30-039-22029

(F), Section 29, T-30-N, R-7-W, Rio Arriba County, NM



Form 3160-5 (November 1994)

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

BUREAU OF LAND MANAGEMENT SUNDRY NOTICES AND REPORTS ON WELLS 5. Lease Serial No.

FORM APPROVED OMB No. 1004-0135 Expires July 31, 1996

Petroleum Engineer (Agent)

January 15, 2009

Date

SF 079060

Do not use this abandoned well.	6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLI	CATE - Other instru	ctions on reverse side	7. If Unit or CA/Agreement, Name and/or No.
I. Type of Well			Northeast Blanco Unit
Oil Well X Gas Well	Other		8. Well Name and No.
2. Name of Operator			Northeast Blanco Unit #6A
<b>Devon Energy Production</b>	Company, L.P.		9. API Well No.
3a. Address		3b. Phone No. (include area code)	30-039-22029
PO Box 6459, Navajo Dam,	NM 87419	505-327-4573	10. Field and Pool, or Exploratory Area
			Blanco Mesaverde &
4. Location of Well (Footage, Sec., T	, R., M., or Survey Description	n)	So. Los Pinos Frt Sand Pictured Cliffs
1600' FNL & 1630' FWL Uni	t F		AND
Sec. 29, T30N, R07W			Rio Arriba County, New Mexico
12. CHECK APPROPRIATE BOX	((ES) TO INDICATE NAT	TURE OF NOTICE, REPORT, OR C	OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION		
<ul><li></li></ul>	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Fracture Treat Reclamat New Construction Recomple	ete X Other Commingle rily Abandon Application
If the proposal is to deepen directionally Attach the Bond under which the work Following completion of the involved oper Testing has been completed. Final Abdetermined that the site is ready for final inspection of the proposed of the involved operation operation of the involved operation operation of the involved operation operation operation of the involved operation	or recomplete horizontally, give will be performed or provide the rations. If the operation results in indomment Notices shall be filed priority.  approval to drill out the co Mesaverde (72319). It these two intervals, & a ant surface equipment, intervals do not have con	subsurface locations and measured and true ver Bond No on file with BLM/BIA. Required is a multiple completion or recompletion in a nonly after all requirements, including reclamatic CBP @ 3565' & downhole comm. These intervals produce essentiall the fluids are compatible. Dow & maximize productivity. Notice mmon ownership, Devon plans a	reposed work and approximate duration thereofitical depths of all pertinent markers and zones ubsequent reports shall be filled within 30 days ew interval, a Form 3160-4 shall be filled once in, have been completed, and the operator has ingle the South Los Pinos Fruitland Sand Illy dry gas & we have not experienced any whole commingling will improve recovery of has been filled concurrently on form C-107A test period described in the attached method

Title

Date

THIS SPACE FOR FEDERAL OR STATE USE

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or

(Instructions on reverse)

14. I hereby certify that the foregoing is true and correct

which would entitle the applicant to conduct operations thereon.

Mike Pippin

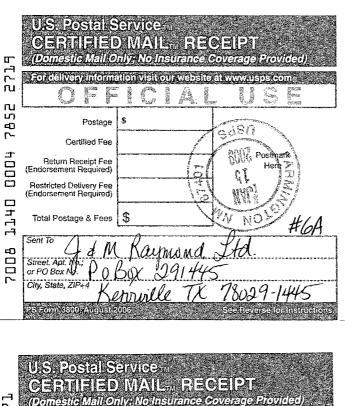
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

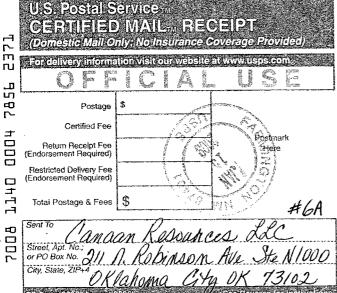
fraudulent statements or representations as to any matter within its jurisdiction.

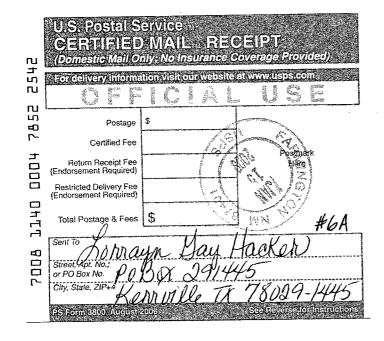
Name (Printed/Typed)

Signature

Approved by







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