	/				
Submit 3 Copies To Appropriate District	State of	Now Me	vico		F C 102
Office	State of New Mexico Energy, Minerals and Natural Resources				Form C-103 Revised March 25, 1999
1625 N. French Dr., Hobbs, NM 88240	photogy, wintering	and Muco	uui Resources	WELL API NO.	Revised Water 25, 1999
<u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSER	VATION	DIVISION	3003921609000	<del></del>
District III	1220 Sout			5. Indicate Type	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa F	e, NM 87	7505	STATE  6. State Oil & 0	Gas Lease No.
1220 S. St. Francis Dr., Santa Fe, NM 87505			12343	Fed	
SUNDRY NOTICE	CES AND REPORTS O	N WELLS	1. 1	7. Lease Name	or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOS DIFFERENT RESERVOIR. USE "APPLIC	ALS TO DRILL OR TO DEE 'ATION FOR PERMIT" (FOF	EPEN OR PLI RM C-101) FO	UG BACK TO A (2) OR SUCH (2)	367	
PROPOSALS.)			<b>3</b> =	McInty	re
Type of Well:     Oil Well	Other	Per la			
2. Name of Operator	Outer	P	<del></del>	8. Well No. 1M	<u>π</u>
Cordillera Energy Inc.		الإروي.		o. Well No. 11	•
3. Address of Operator		100	Carlo	8. Pool name or	r Wildcat
8450 E. Crescent Parkway, Su	ite 400 Greenwood V	'illage, Co	olorado 80111	Blanco Mesa Ve	rde and Basin Dakota
4. Well Location					
Unit LetterK:_1	1450feet from the	South_	line and18	50feet from t	heWestline
Section 11	Township	26N	Range 4W	NMPM Ri	o Arriba County
	10. Elevation (Show)				o Arriba County
	6851' (	GL			
11. Check A	appropriate Box to Ir	ndicate N	ature of Notice,	Report or Other	Data
NOTICE OF IN		. —	SUBS	SEQUENT RE	
PERFORM REMEDIAL WORK	PLUG AND ABANDON	<b>ا</b> ا	REMEDIAL WORK		ALTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRII	LING OPNS.□	PLUG AND
PULL OR ALTER CASING	MULTIPLE		CASING TEST AN	ID 🖂	ABANDONMENT
	COMPLETION		CEMENT JOB	_	
OTHER: Down hole Com	minale	X	OTHER:		
12. Describe proposed or completed	operations. (Clearly sta	ate all perti	nent details, and give	e pertinent dates, i	ncluding estimated date of
starting any proposed work). SE recompilation.	E RULE 1103. For Mul	ltiple Com	pletions: Attach we	llbore diagram of p	proposed completion or
Down hole commingle the Blanco approved pools as per NMOCD O	Mesa Verde (72319) Order # 11563.	and Basir	n Dakota (71599) <sub>I</sub>	pools in this well	bore. These are pre-
Attached are the following docum	ents:				
1. A well bore diagram s	showing the perforate	l intervale	and wall have son	ofi annuati an	
2. The allocation method	d proposed and suppor	i iiici vais tino data	and wen bore cor	inguration.	
3. Statement of comming	gling showing no redu	ced value	of the total remain	ning production	
4. Statement attesting the	at notice was sent to a	ll interest	owners and no ob	jections were rec	eived.
5. Statement attesting a contract of the statement attention at the statement at the statement attention at the statement attention at the statement at the state	copy of this form was	sent to the	BLM		
DHCIL	01 AZ				
I hereby certify that the information a		te to the be	st of my knowledge	and belief	
SIGNATURE SIGNATURE					
		IIILE <u>V</u> i	ce President of Oper	rations DAT	<u>TE May 1, 2003</u>
Type or print name J.C. Ridens				Telephone N	No. 303-290-0990
(This space for State use)	4111	OEP	UTY OIL & CAR ISSUE	The property	MAN E 0000
APPPROVED BY	Myedle.	TITLE	UTY CIL & GAS INSI	TECTOR, DIST. &	MAY - 5 2003
Conditions of approval, if any:		<b></b>			DATE

# McIntyre 1M

#### **Based on Total Production**

## Fixed Percentage Allocation Formula

	Oil Barrels %	Gas MCF %
Mesa Verde Formation	0 0.0	598,903 <b>26.4</b>
Dakota Formation	37,913 <b>100.0</b>	1,672,057 <b>73.6</b>
TOTAL	37,913 100.0	2,270,960 100.0

## **January 2003 and Suggested Future Production**

## Fixed Percentage Allocation Formula

	Oil Barrels	%	Gas MCF	%
Mesa Verde Formation	0	0.0	1,007	69.2
Dakota Formation	9	100.0	448	30.8
TOTAL	9	100.0	1,455	100.0

#### **Statement of Commingling**

The commingling of the Basin Dakota (71599) and Blanco Mesa Verde (72319) Pools in this well bore will not reduce the value of the remaining production. Commingling these two pools should actually increase the value of the remaining reserves due to using the remaining reservoir energy in both zones to effectively plunger lift this well. The installation of one string of 2-3/8" tubing, instead of two strings of 1-1/2" and 1" tubing, should result in a much more efficient plunger lift operation. Commingling operations conducted on other wells similar to this have resulted in increased production rates and greater reserve recovery than producing each zone separately to depletion.

Commingling will especially help the Dakota zone in this well, as it has not produced to expected levels due to scale and fill. Removing the packer and small tubing strings will allow the fill on top of the Dakota to be cleaned out and acidized if necessary. This should result in the Dakota increasing productivity and reserve recovery.

Previous commingling operations we have conducted in the San Juan Basin have shown improvement in most cases and in a minority of cases no improvement. We have not conducted a commingle that has resulted in reduced production rates or reserve recovery.

#### **Statement of Notification**

The interests in these two pools are identical. A list of all parties affected by this commingling is attached. They were all notified by certified mail of our intention to commingle these two zones. No objections were received to this operation.

Further, a copy of the Division Form 103C has been filed with the Bureau of Land Management using Sundry Notice Form 3160-5.

J.C. Ridens

Vice President of Operations

May 1, 2003

Attest

Robert A. Seavy

Secretary