Submit 3 Copies To Appropriate District State of New Mexico	Form C-103
Office District 1 Energy, Minerals and Natural Resource	·
1625 N. French Dr., Hobbs, NM 88240	WELL∕ API NO.
District II 1301 W. Grand Ave., Artesia, NM 88210 OIL CONSERVATION DIVISIO	N 30-045-31218
District III 1220 South St. Francis Dr.	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	STATE FEE
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	6. State Oil & Gas Lease No. Federal #SF-078243
SUNDRY NOTICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	A Arnstein
1. Type of Well: Oil Well Gas Well Other	
2. Name of Operator	8. Well No. 1Y
Cordillera Energy Inc.	S. Wente. 11
3. Address of Operator	8. Pool name or Wildcat
8450 E. Crescent Parkway, Suite 400 Greenwood Village, Colorado 80	111 Basin Dakota and Blanco Mesa Verde
4. Well Location	
Unit LetterC:_660feet from theSouthline and	1315feet from theWestline
Section 18 Township 31N Range	12W NMPM San Juan County
10. Elevation (Show whether DR, RKB, RT,	
5916' GR	
11. Check Appropriate Box to Indicate Nature of N	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIA	L WORK ALTERING CASING
TEMPORARILY ABANDON	ICE DRILLING OPNS. PLUG AND ABANDONMENT
PULL OR ALTER CASING MULTIPLE CASING COMPLETION CEMENT	TEST AND
OTHER: Down hole Commingle	
 Describe proposed or completed operations. (Clearly state all pertinent details starting any proposed work). SEE RULE 1103. For Multiple Completions: A recompilation. 	s, and give pertinent dates, including estimated date of ttach wellbore diagram of proposed completion or
Down hole commingle the Basin Dakota (71599) and Blanco Mesa Verde (723 pools as per NMOCD Order # 11363. These zones have been segregated downwould be done immediately upon NMOCD approval.	n hole since completion in August of 2002. This work
Attached are the following documents: 1. A well bore diagram showing the perforated intervals and well bore control of the allocation method proposed and supporting data. 3. Statement of commingling showing no reduced value of the total remuse. 4. Statement attesting that notice was sent to all interest owners and no control of the action of the statement attesting a copy of this form was sent to the BLM.	KIS 16 11 18 79 70 73
1. A well bore diagram showing the perforated intervals and well bore c	onfiguration.
2. The allocation method proposed and supporting data.	6 A 2003
3. Statement of commingling showing no reduced value of the total rem	aining production. Objections were received OIL CONS. DIV.
4. Statement attesting that notice was sent to all interest owners and no	objections were received Districtions. DIV.
5. Statement attesting a copy of this form was sent to the BLM	
Ofc 1239AZ	CAS S INCHESTRAL
I hereby certify that the information above is true and complete to the best of my ki	nowledge and belief.
SIGNATURE TITLE Vice Preside	_
Type or print name J.C. Ridens	Telephone No. 303-290-0990
	FAS INSPECTOR, DIST. (2) JUN 1 8 2000
APPPROVED BY	DATE

Pre

2 <u>Cordillera</u>	Losse: Arnstein
	PRODUCTION DEPARTMENT Well No: 1 7
	Sec: 18 Twn: 3/1/2 Rng:
·	
WELL PROFILE	TD 6982 Elevation Communication Communicatio
•	PSTD 6941.
	Casindoasion.
	SIZE WEIGHT GRADE THREAD CPUNG MAKE NO. JTS. FOOTAGE SACKS 95/8 36 555 510 252
	7 23 755 176 428
	4 1/2 11/6 NED 17C 6982
	23/8 4.7 1/80 6862
	Redocated unitarial company of the c
	4614-4856 MV
	67/2-689/ DK
	COMMENTS
	R3 Parker @ 9941'
	1 1
a	
1	

Post

WELL PROFILE	Lease: Armstein Well Not 1
	County: Sal July Rng: Sec: 18 Twn: 31 N Rng: Rng: Sec: 18 Twn: 31 N Rng: R
	TD
	C_11mg_Design C_11mg
	7 23 755 27C 4228 4 1/2 11.6 N80 27C 6982 23/8 4.7 N80 6862 PROTOGRAMMENTAL SERVICE AND
	23/8 4.7 M80 6862 Endotated Internal Community of the Co
	Endocumental and a second constitution of the se
	4619-4856 MV 6712-6841 DK
	•
	COMMENTS!

Arnstein 1Y

Based on April 2003 Production

Fixed Percentage Allocation Formula

	Oil Barrels %	Gas MCF %
Dakota	0 0.0	0 0.0
Mesa Verde	15 100.0	4,564 100.0
TOTAL	15 100.0	4,564 100.0

Suggested Future Allocation Based on Offset Production

Fixed Percentage Allocation Formula

	Oil Barrels	%	Gas MCF	%
Dakota	5	25.0	3,000	28.6
Mesa Verde	15	75.0	7,500	71.4
TOTAL	20	100.0	10,500	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 produce this well. 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 benefit both zones in this well. The Dakota is currently shut in through the tubing under a packer, while the Mesa Verde zone is producing up the casing-tubing annulus. Each zone is very susceptible to fluid loading at low bottom hole pressures. Combining the energy flow from both zones with one tubing string should greatly increase lift efficiency, thereby reducing down time due to fluid loading.

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

June 4, 2003

Attest

Robert A. Seavy

Secretary