

United States Department of the Interior

BUREAU OF LAND MANAGEMENT Farmington Field Office 1235 La Plata Highway, Suite A Farmington, New Mexico 87401

IN REPLY REFER TO: San Juan 27-5 #170M Unit P 3162.7 (07100)

February 25, 2002

Ms. Peggy Cole Burlington Resources PO Box 4289 Farmington, NM 87499

RE: San Juan 27-5 #170M Unit P - Accept downhole commingle applications & allocation factors

Dear Ms. Cole:

The San Juan 27-5 #170M well was reviewed for downhole commingling of the Mesaverde and Dakota formations in the San Juan 27-5 Unit P. After reviewing the gas production history for this well, we concur with the allocation factors established in your application. Based on historical data for these formations, oil allocation shall be 100% to the Dakota formation. Should questions arise, please refer to the attached production history. The effective date is the date that downhole commingling actually occurs. The well and the approved allocation factors are listed below.

Well Name	Lease	Location	API#	Formation Allocation	Formation Allocation
San Juan 27-5 #170M	NMSF079394	sec 34, T27N, R5W	3003926295	MV gas 59%	DK gas 41%
				oil 0%	oil 100%

If you have any questions, please contact Adrienne Garcia at (505) 599-6358 or the undersigned with this office at (505) 599-6367.

Sincerely,

Jim Lovato Team Lead, Petroleum Management Team

cc(<u>NMOCD</u>, Santa Fe, NM_ NMOCD; Aztec, NM

bcc: San Juan 27-5 Unit File, MV(NMNM78409A), DK(NMNM78409B) 1 well file DOMR 07100:AGarcia:2/25/02:x6358:Burlington

RIO ARRIBA NM SAN JUAN 27 5 UNIT 170M BURLINGTON RESOURCES OIL & GAS COMPANY ACTIVE

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Detailed Production Report

Lease Number:Operator Name:BURLINGTState:NEW MEXICounty:RIO ARRIBField:BASINSec Twn Rng:34P 27NLatitude/Longitude:36.5261Regulatory #:3003926295Production ID:2300430392Reservoir Name:DAKOTAProd Zone:DAKOTAProd Zone Code:602DKOT		34P 27N 5W 36.5261 -1 30039262950000 23004303926295715 DAKOTA DAKOTA 602DKOT SAN JUAN BASIN	SOURCES OIL 107.33944	Well Number: Cum Oil: Cum Gas: Cum Water: First Production Date: Last Production Date: Spot: Lat/Long Source: Completion Date: Total Depth: Upper Perforation: Lower Perforation: Gas Gravity: Oil Gravity: Temp Gradient: N Factor: GOR:		170M 985 91,948 95 since SEP 2000 AUG 2000 SEP 2001 NW SE SE US AUG 19, 2000 7487 7686	
Annual Productio		u in 12 93 92 13 92 24 9	بيبة المذخلي اللغ فلي والع منتك			23 <u></u> 25 - <u></u> 28 - 27	ب سن ہے جات ہے جات سے بنا
Year	Oil BBLS	Gas MCF	Water BBLS				
Beginning	ر جه هد دو دو هه هه نما ا	ند: کاری چر نان کار جد عن کا 4ء سر نند بین دی می ع	- 28 yr 2 2 2 yr 2 2 4	ہ ہے جن کے ور پہ کی ہوت	و بب علا او و پر غلا هر پ بند ا	نتی رو بدر ان بین اور ان ان از ا	ہے ہو جہ تو یو نو جہ میں ہو ہو ہو ہو
Cum: 2000	423	38,475	71		а 1		
2000	562	53,473	24				
Totals:		,					
	985	91,948	95				
Monthly Product Date		0		0 13211	04 ML 4		2
MO/YR	Oil BBLS	Gas MCF	Water BBLS	Cond Yld BBLS/MCF	% Water	# of Wells	Days on
AUG 2000	- 4	2,305	0	 1.74	س خت کار جد من کا الب دن تک بار دن تک به د	 1	31
SEP 2000	151	10,203	58	14.80	27.75	1	30
DCT 2000	99	9,733	0	10.18		1	31
NOV 2000	99	8,282	0	11.96		1	30
DEC 2000 Totals:	70	7,952	13	8.81	15.66	1	31
2000	423	38,475	71				
JAN 2001	93	7,720	9 1 o	12.05 of 2	8.82	1	31

FEB 2001	48	6,119	0	7.85		1	28
MAR 2001	66	6,993	4	9.44	5.71	1	31
APR 2001	82	6,215	0	13.20		1	30
MAY 2001	72	6,024	0	11.96		1	31
UN 2001	43	5,642	11	7.63	20.37	1	30
UL 2001	60	5,201		11.54		1	31
AUG 2001	58	4,966		11.68		1	31
SEP 2001	40	4,593		8.71		1	30
Totals:							
2001	562	53,473	24				

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RIO ARRIBA NM SAN JUAN 27 5 UNIT 170M BURLINGTON RESOURCES OIL & GAS COMPANY ACTIVE

Detailed Production Report

Lease Name: Lease Number:		SAN JUAN 27 5 UNIT		Well Nur	nber:	170M		
				Cum Oil:				
Operator Name:		BURLINGTON RE	Cum Gas:		132,313			
State:		NEW MEXICO		Cum Water:				
County: Field:		RIO ARRIBA		First Produc		AUG 2000		
		BLANCO		Last Produc	ction Date:	SEP 2		
Sec Twn Rng:		34P 27N 5W 36.5261 -107.33944		Spot:		NW SE SE US AUG 19, 2000		
Latitude/Longitude	:	36.5261 -	Lat/Long Se					
Regulatory #:		20020262050000	Completion		AUG IS			
API:		30039262950000	210	Total Depth		4116 5786		
Production ID:		2300430392629572	319	Upper Perfe Lower Perfe				
Reservoir Name:		MESAVERDE						
Prod Zone:		MESAVERDE		•	Gas Gravity:			
Prod Zone Code: Basin Name:		604MVRD SAN JUAN BASIN		Oil Gravity				
Gas Gatherer:		SAN JUAN BASIN	N Factor:	Temp Gradient:		0.0		
Liquid Gatherer:				GOR:		0.0		
Status:		ACTIVE .	GAS					
						و بنو وي بنو جي بيو		
Annual Production	n Oil	Gas	Water					
rear	BBLS	MCF	BBLS					
		و در بین کر پر با کر پر اگر او کر د	رور دار کا بور بنا کا او دو تا او دو ن	یہ کر ہے بند کے ور جند کا ہے ہیں تنہ او	به هم بزنه روب بخة بي وب هه ني ري م	به هه برة بلك من بين بلك هو بين ب		وب عن الله الد
Beginning								
Cum:								
2000		55,368			•			
2001		76,945						
Totals:								
		132,313						
	و عدة الله خلم	و خد دی هد که وا کر چه ک	و والله الملك والله التلك والله الم	ر کی، بیدار اید حتک ایس نقان س ر میچ حدار اید حجار این وران م				===
Monthly Production	on Oil	Gas	Water	Cond Yld	% Water	# of	Days	
MO/YR	BBLS	MCF	BBLS	BBLS/MCF	yo water	Wells	on	
	و هم بی اور می دی		ورون کو وی کا میں بند کا رو کا ا	ی نور بی به او بی به هر بی به هر بی	ن نر په ه د و ه م و د	، در چر هر های جد های رو د	ی بہ ہے ہے جہ او چر ک	و و خ و
AUG 2000		3,318				1	31	
SEP 2000		14,682				1	30	
OCT 2000		14,007				1	31	
NOV 2000		11,918				1	30	
DEC 2000		11,443				1	31	
Totals: 2000		55 760						
2000		55,368						
JAN 2001		11,109				1	31	
		_	1	of 2				

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FÉB 2001	8,805	1	28
MAR 2001	10,062	1	31
APR 2001	8,943	1	30
MAY 2001	8,668	1	31
JUN 2001	8,119	1	30
JUL 2001	7,484	1	31
AUG 2001	7,146	1	31
SEP 2001	6,609	1	30
Totals:			
2001	76,945	,	