

DHC-2581



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% oil 0%	DK gas 41% 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: NMOCD, 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

Detailed Production Report

Lease Name:	SAN JUAN 27 5 UNIT	Well Number:	170M
Lease Number:		Cum Oil:	985
Operator Name:	BURLINGTON RESOURCES OIL	Cum Gas:	91,948
State:	NEW MEXICO	Cum Water:	95 since SEP 2000
County:	RIO ARRIBA	First Production Date:	AUG 2000
Field:	BASIN	Last Production Date:	SEP 2001
Sec Twn Rng:	34P 27N 5W	Spot:	NW SE SE
Latitude/Longitude:	36.5261 -107.33944	Lat/Long Source:	US
Regulatory #:		Completion Date:	AUG 19, 2000
API:	30039262950000	Total Depth:	
Production ID:	2300430392629571599	Upper Perforation:	7487
Reservoir Name:	DAKOTA	Lower Perforation:	7686
Prod Zone:	DAKOTA	Gas Gravity:	
Prod Zone Code:	602DKOT	Oil Gravity:	
Basin Name:	SAN JUAN BASIN	Temp Gradient:	
Gas Gatherer:		N Factor:	0.0
Liquid Gatherer:		GOR:	
Status:	ACTIVE		GAS

Annual Production

Year	Oil BBLs	Gas MCF	Water BBLs
Beginning Cum:			
2000	423	38,475	71
2001	562	53,473	24
Totals:	985	91,948	95

Monthly Production

Date 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		1	31
SEP 2000	151	10,203	58	14.80	27.75	1	30
OCT 2000	99	9,733	0	10.18		1	31
NOV 2000	99	8,282	0	11.96		1	30
DEC 2000	70	7,952	13	8.81	15.66	1	31
Totals:							
2000	423	38,475	71				
JAN 2001	93	7,720	9	12.05	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
JUN 2001	43	5,642	11	7.63	20.37	1	30
JUL 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				

=====

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

Detailed Production Report

Lease Name:	SAN JUAN 27 5 UNIT	Well Number:	170M
Lease Number:		Cum Oil:	
Operator Name:	BURLINGTON RESOURCES OIL	Cum Gas:	132,313
State:	NEW MEXICO	Cum Water:	
County:	RIO ARRIBA	First Production Date:	AUG 2000
Field:	BLANCO	Last Production Date:	SEP 2001
Sec Twn Rng:	34P 27N 5W	Spot:	NW SE SE
Latitude/Longitude:	36.5261 -107.33944	Lat/Long Source:	US
Regulatory #:		Completion Date:	AUG 19, 2000
API:	30039262950000	Total Depth:	
Production ID:	2300430392629572319	Upper Perforation:	4116
Reservoir Name:	MESAVERDE	Lower Perforation:	5786
Prod Zone:	MESAVERDE	Gas Gravity:	
Prod Zone Code:	604MVRD	Oil Gravity:	
Basin Name:	SAN JUAN BASIN	Temp Gradient:	
Gas Gatherer:		N Factor:	0.0
Liquid Gatherer:		GOR:	
Status:	ACTIVE		GAS

Annual Production

Year	Oil BBLs	Gas MCF	Water BBLs
Beginning			
Cum:			
2000		55,368	
2001		76,945	
Totals:		132,313	

Monthly Production

Date MO/YR	Oil BBLs	Gas MCF	Water BBLs	Cond Yld BBLs/MCF	% Water	# of Wells	Days on
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		55,368					
JAN 2001		11,109				1	31

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		

=====