

BURLINGTON RESOURCES

SAN JUAN DIVISION

November 13, 1997

Commissioner of Public Lands
State of New Mexico
Attn: Mr. Jeff Alberts
PO Box 1148
Santa Fe, NM 87501-1148

New Mexico-Santa Fe Taxation and
Revenue Department
Attn: Mrs. Velvet Money
1100 South Saint Francis Drive
Santa Fe, NM 87505-4147

**RE: INCREASED DENSITY STUDY AREA
MESAVERDE FORMATION
PUBCO STATE COM 1B
S/2 SECTION 36, T31N, R11W
SAN JUAN COUNTY, NEW MEXICO**

Dear Madam and Sirs:

Enclosed for your files is a copy of the approved NMOCD form C-101 for the referenced well. In our recent telephone conversations, Burlington Resources Oil & Gas Company advised each of you of our plan to drill and operate this Mesaverde formation well for a six (6) month period of time in order to gather needed reservoir information. This plan of operation was approved by Great Western Drilling Company who is the historical operator of the referenced proration unit for the two (2) existing (Pubco State Com 1 and 1A) Mesaverde wells. At the end of the six (6) month production period, Burlington will turn over operations of the Pubco State Com 1B well to Great Western Drilling Company for all future operations.

The reservoir information gathered from this well and other wells will be used to evaluate the efficiency of recovering natural gas from the Blanco Mesaverde Pool based upon the current density pattern of two (2) wells per 320 acre proration unit. Burlington's reservoir and geological evaluation to date indicates that it will probably be necessary to increase the density (up to four (4) additional wells per section) of wells drilled in this pool in order to efficiently drain this reservoir. The referenced well is part of a six (6) well pilot project (see attached land plat) covering four (4) sections in San Juan County, New Mexico, that Burlington has requested NMOCD's approval to operate. The hearing for the pilot project (Case #11880) was conducted on November 6, 1997, before examiner David Catanach in the Santa Fe NMOCD office. The final Order of the Division in this Case is currently pending.

Burlington would like to reconfirm with each regulatory entity that our proposal to drill and interim operate the Pubco State Com 1B well will not cause any problems from Ongard, taxation/revenue, royalty collection or other perspectives. If you have any further comments, questions or concerns about our pilot project, please contact the undersigned at (505) 326-9757.

Very truly yours,



Alan Alexander
Senior Land Advisor

AA:mb
incdens.doc

xc: Kellahin & Kellahin - Mr. Tom Kellahin
New Mexico Oil Conservation Division - Mr. David Catanach
New Mexico Oil Conservation Division - Mr. Frank Chavez

District I

PO Box 1980, Hobbs, NM 88241-1980

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies



AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE

¹ Operator Name and Address Burlington Resources * PO Box 4289, Farmington, NM 87499		² OGRID Number 14538
³ Property Code 21722		⁴ Property Name Pubco State Com
⁵ API Number 30-045-21500		⁶ Well No. 1B

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	36	31N	11W		325	South	2510	East	San Juan

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

⁹ Proposed Pool 1 Blanco Mesa Verde	¹⁰ Proposed Pool 2
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 5993'
¹⁶ Multiple N	¹⁷ Proposed Depth 5235	¹⁸ Formation Mesa Verde	¹⁹ Contractor N/A	²⁰ Spud Date N/A

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	32.3#	200'	188 cu.ft.	Surface
8 3/4"	7"	20.0#	2860'	752 cu.ft.	Surface
6 1/4"	4 1/2"	10.5#	5235'	444 cu.ft.	

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

11" 2000 psi minimum double gate BOP

*Burlington Resources will drill and complete this well as part of a pilot increased density project under NMOCD Case #11880, and then operate the well for six months. After six months, a designation of operator change will be filed and the well returned to Great Western Drilling.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: Peggy Bradfield

Title: Regulatory/Compliance Administrator

Date: October 21, 1997

Phone: 505-326-9700

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval:

Attached ☐

Expiration Date:

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
PO Drawer 00, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C
Revised February 21,
Instructions on
Submit to Appropriate District Office
State Lease - 4 Cc
Fee Lease - 3 Cc

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number	'Pool Code	'Pool Name
30-045- 21500	72319	Blanco Mesaverde
'Property Code	'Property Name	'Well Number
21722	PUBCO STATE COM	18
'OGAID No.	'Operator Name	'Elevation
14538	BURLINGTON RESOURCES OIL & GAS COMPANY	5993

¹⁰ Surface Location

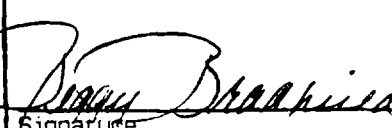
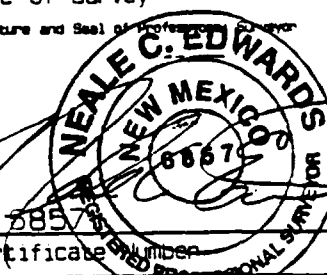
UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
0	36	31N	11W		325	South	2510	East	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County

'Dedicated Acres	'Joint or Infill	'Consolidation Code	'Order No.
S/320			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

15	5374.38'	17 OPERATOR CERTIFICATION
5218.62'	36	I hereby certify that the information contained here is true and complete to the best of my knowledge and belief.
		 Signature
		Peggy Bradfield Printed Name Regulatory Administrator Title 10-21-97 Date
5357.88'	E-5386	18 SURVEYOR CERTIFICATION
		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made or under my supervision, and that the same is correct to the best of my belief.
		OCTOBER 4, 1997 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number
NMSF-078198	E-3150-11-NM 2510'	NMSF-078198

[illegible]

PROJECT AREA