

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

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JUN 18 1998

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 API Number 30 - 045-29615		
4 Property Code 6784	5 Property Name Allison Unit	6 Well No. 39

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
H	18	32N	6W		2640	N	15	E	SJ

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 Basin Dakota 71599 E/320					10 Proposed Pool 2 Blanco Mesa Verde 72319 E/320				

11 Work Type Code N	12 Well Type Code G	13 Cable/Rotary Rotary	14 Lease Type Code Fee	15 Ground Level Elevation 6520'GR
16 Multiple Yes	17 Proposed Depth 8076	18 Formation MV/Dk	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#	3596'	540 cu.ft.	Surface
6 1/4"	4 1/2"	10.5#	3496-8076'	658 cu.ft.	TOC 3496'

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

Note: to facilitate higher hydraulic stimulation completion work, no liner hanger will be used. In its place, a long string of 4 1/2" casing will be run and cemented with a minimum of 100' of cement overlap between the 4 1/2" and 7" casing strings. After completion of the well, a 4 1/2" retrievable bridge plug will be set below the top of cement in the 4 1/2" x 7" overlap. The 4 1/2" casing will then be backed off above the top of cement in the 4 1/2" x 7" overlap and laid down. The liner top can then be pressure tested to ensure a seal between the liner top and the 7" casing has been achieved. The test pressure shall be the maximum anticipated pressure to which the seal will be exposed (700 psi for the Mesa Verde and 2500 psi for the Dakota). The 4 1/2" bridge plug will then be retrieved and the production tubing will be run to produce the well.

23 I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Peggy Bradfield</i> Printed name: Peggy Bradfield Title: Regulatory/Compliance Administrator Date: 06-11-98		OIL CONSERVATION DIVISION Approved by: <i>Ernie Busch</i> 6-17-98 Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3 Approval Date: JUN 17 1998 Expiration Date: JUN 17 1999 Conditions of Approval: <i>Hold Section For NGI</i> Attached <input type="checkbox"/>	
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RECEIVED

FOR FILE

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

District II
PO Drawer DD, 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-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045- <u>29615</u>	² Pool Code 72319/71599	³ Pool Name Blanco Mesaverde/Basin Dakota
⁴ Property Code 6784	⁵ Property Name ALLISON UNIT	⁶ Well Number 39
⁷ GRID No. 14538	⁸ Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY	⁹ Elevation 6539

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	18	32N	6W		2640	NORTH	15	EAST	SAN JUAN

¹¹ 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

¹² Dedicated Acres MV- E/320 DK- E/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

¹⁶ 1316.70' 1339.14' 2669.70' 1 2663.76' RECEIVED JUN 16 1998 OIL CON. DIV. DIST. 3 18 2653.20' 1312.08' 1325.28' 2650.56'	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief <u>Peggy Bradfield</u> Signature Peggy Bradfield Printed Name Regulatory Administrator Title 6-11-98 Date ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. MAY 13, 1998 Date of Survey <u>NEALE C. EDWARDS</u> Signature of Registered Professional Surveyor NEW MEXICO 6857 6857 Certificate Number
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