



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

July 23, 1998

Burlington Resources Oil & Gas Company
P. O. Box 4289
Farmington, New Mexico 87499-4289

Attention: Peggy Bradfield

Re: *Application for administrative approval to drill the Allison Unit Well No. 39 at an unorthodox gas well location 2640 feet from the North line and 15 feet from the East line (Unit H) of Section 18, Township 32 North, Range 6 West, NMPM, Basin-Dakota and Blanco-Mesaverde Pools, San Juan County, New Mexico.*

Dear Ms. Bradfield:

My review of your application indicates this location to be 987 feet from a producing Basin-Dakota gas well in Unit "E" of Section 17, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico and 1411 feet from a capped Blanco-Mesaverde gas well in Unit "L" of said Section 17. There are no existing Basin-Dakota or Blanco-Mesaverde wells in the E/2 of said Section 18 to drain these reserves. It therefore does not appear that adequate drainage would occur with this well being only 15 feet from the section line between Sections 17 and 18. Development of these resources would be compromised with this location.

Further, there appears to be an existing drill-site at a less "unorthodox" location available for this well in Unit "G" of said Section 18, where your Allison Unit Well No. 111 (a Basin-Fruitland Coal gas producer) is located. You failed to mention this possibility in your application.

I am greatly concerned that approval of this application would serve to establish a precedent that allows a non-government surface owner to dictate mineral development in such a manner that serves to promote waste and hinders a reasonable planned pattern of development. In New Mexico, as in most of the western States, it is understood that mineral development takes precedence over surface use, provided however the mineral developer makes a reasonable attempt to minimize surface use and damage.

This application is hereby denied.

Should Burlington not elect to: (i) move this well to a standard location; (ii) apply for directional drilling to a standard subsurface gas well location from this surface location, which is an easy process now (see Rule 111) and was not covered in your application; or, (iii) twin this well on the existing drill pad with the Allison Unit Well No. 111 in Unit "G": the application as requested will only be considered at an Examiner's Hearing. The surface owner can then appear and present arguments as to why this well cannot be drilled at a standard gas well location within either the NE/4 or SE/4 of Section 18.

Sincerely,

Michael E. Stogner
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Aztec
W. Thomas Kellahin, Legal Counsel for Burlington Resources - Santa Fe
Lori Wrotenbery, Director - NMOCD, Santa Fe
Kathy Valdes - NMOCD, Santa Fe

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express

Ms. Lori Wrotenbery, Director
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Re: Allison Unit #39
2640'FNL, 15'FEL Section 18, T-32-N, R-6-W, San Juan County, NM
30-045-29615

Dear Ms. Wrotenbery:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Blanco Mesa Verde and Basin Dakota pools. This application for the referenced location is for topographic and archaeological reasons, and especially at the request of the landowner.

Production from the Blanco Mesa Verde pool and Basin Dakota pool is to be included in a 320 acre gas spacing and proration unit comprising of the east half (E/2) of Section 18. There is no other Mesa Verde or Dakota well located in this proration unit.

The following attachments are for your review:

1. Application for Permit to Drill.
2. Completed C-102 at referenced location.
3. Offset operators/owners plat – Burlington is the offset operator.
4. 7.5 minute topographic map, and enlargement of the map to define topographic features.

We appreciate your earliest consideration of this application.

Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

xc: NMOCD - Aztec District Office
Bureau of Land Management - Farmington District Office

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, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address. Burlington Resources PO Box 4289, Farmington, NM 87499		¹ OGRID Number 14538
		² API Number 30 - 045-
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	¹⁰ Proposed Pool 2 Blanco Mesa Verde
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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: 
Printed name: Peggy Bradfield

Title: Regulatory/Compliance Administrator

Date: 06-11-98

Phone: 505-326-9700

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval :
Attached ☐

District II
PO Drawer 80, Artesia, NM 88211-0719

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

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

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

☐ AMENDED REP

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
H	18	32N	6W		2640	NORTH	15	EAST	SAN J

¹¹Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 100	Feet from the	North/South line	Feet from the	East/West line	County
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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

15
1316.70' 1339.14' 2669.70'

2663.76'

1

2

3

4

2653.20'

1312.08' 1325.28' 2650.56'

18

FEE

NM-04207

17 OPERATOR CERTIFICATION

I hereby certify that the information contained hereon is true and complete to the best of my knowledge and belief.

Peggy Bradfield
Signature

Peggy Bradfield
Printed Name

Regulatory Administrator
Title

6-11-98
Date

15

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 true and correct to the best of my belief.

MAY 13, 1998
Date of Survey

Neal H.C. Edwards
Signature and Seal of Professional Surveyor

NEAL H.C. EDWARDS
NEW MEXICO
6857
REGISTERED PROFESSIONAL SURVEYOR

6857
Certificate Number

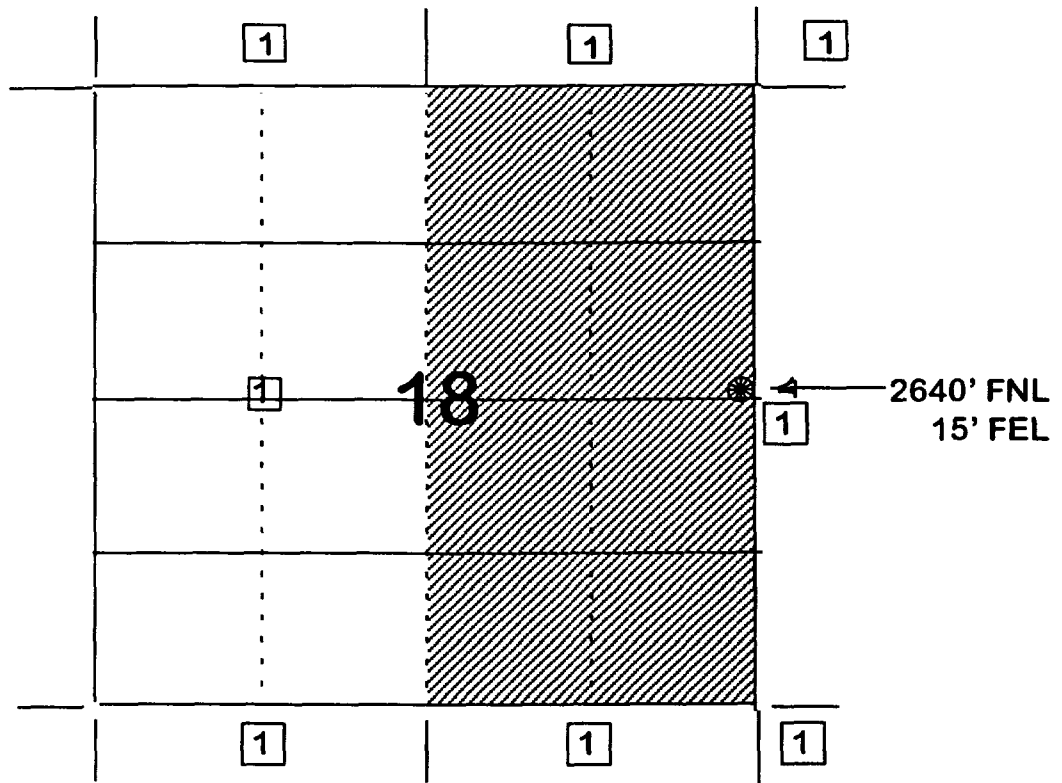
BURLINGTON RESOURCES OIL AND GAS COMPANY

**Allison Unit #39
OFFSET OPERATOR \ OWNER PLAT**

Mesaverde/Dakota Formations

Nonstandard Location

Township 32 North, Range 6 West



1) Burlington Resources

107°30'

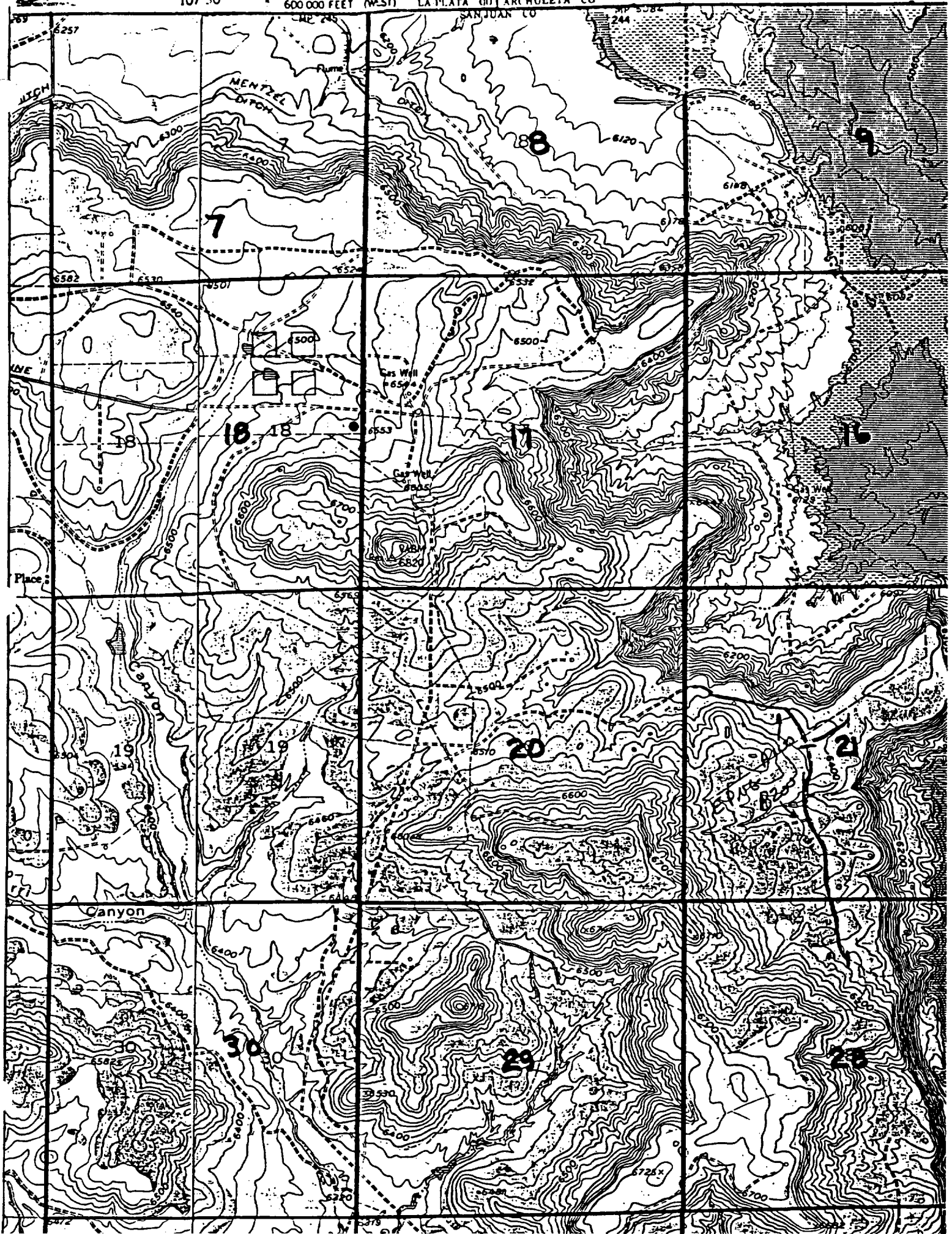
ALLISON COLO 22 MI
600 000 FEET (WEST)

LA PLATA CO ARCHULETA CO

1280000m.E.

2811

2730'



107°30'

ALLISON COLO 22 MI
600 000 FEET (WEST)

LA PLATA CO ARCHULETA CO

1280000m

