

# BURLINGTON RESOURCES

SAN JUAN DIVISION

OIL CONSERVATION DIV  
01 AUG 16 AM 9:51

Sent Federal Express August 15, 2001

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87504

Re: Allison Unit Com #64  
2065'FSL, 145'FEL, T-32-N, R-6-W, San Juan County  
30-045-29810

Dear Mr. Stogner:

Burlington Resources has applied for administrative approval of an unorthodox gas well location for the Basin Dakota and Blanco Mesaverde. This well is planned as a Mesaverde and Dakota commingled completion and Order DHC-2217 has been received for the commingling.

We have received your letter of July 23, 2001 requesting an explanation for why the well should be located at this unorthodox location. We have also been in discussion with Mr. Steve Hayden of your Aztec District Office and determined that this well location is non-standard only for the Basin Dakota, and is standard for the Blanco Mesaverde.

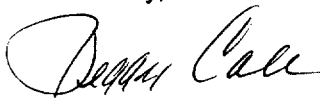
Attached is an aerial photograph showing Section 8. As annotated, a substantial portion of the north half of the standard window is irrigated fields. The surface owner has requested the well not be located in these fields. Also shown is the placement of the Allison Unit #47M (30-045-29700) Mesaverde/Dakota well located at 1110'FSL, 1570'FEL in Section 8.

We have attached a diagram showing the drainage ellipses for the #47M well, and the Allison Unit #6M (30-045-29809) located at 1750'FNL, 880'FWL in Section 16 and Allison Unit #47B (30-045-30255) located at 675'FNL, 2655'FWL in Section 8. The current location for the Allison Unit Com #64 well is located on the eastern edge of the drainage ellipse for the #47M well and we would prefer not moving the proposed location to the west in as much as we would see greater interference with the Allison Unit #47M well. We would also prefer to not move the proposed location to the east due to the possible encounter of water in the lower Point Lookout formation such as was encountered in the Allison Unit #6M well (please refer to the geologic discussion attached).

Burlington Resources believes correlative rights issues are minimized because the encroachment is toward the proration unit established for this well in Orders 11588 and 2046.

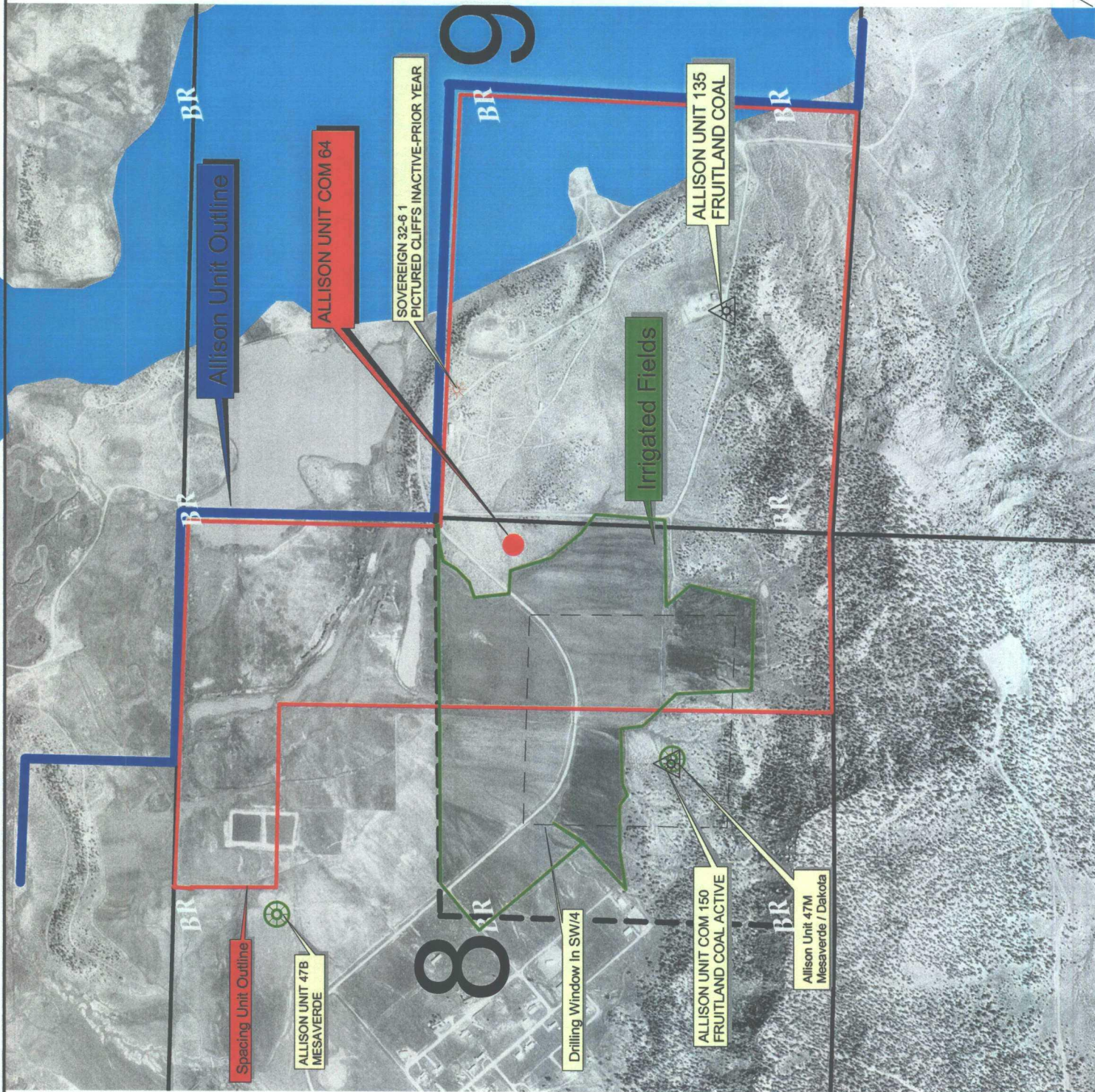
Please let me know if you have any questions about this application.

Sincerely,

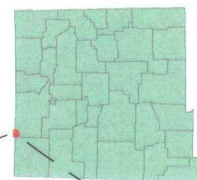
  
Peggy Cole  
Regulatory Supervisor

Xc: Bureau of Land Management  
NMOCD - Aztec District Office





- P2000 Well Header
- DAKOTA
- FRUITLAND COAL
- FRUITLAND-PICTURED CLIFFS
- MESAVERDE
- MORROW
- PICTURED CLIFFS
- Major Water Bodies



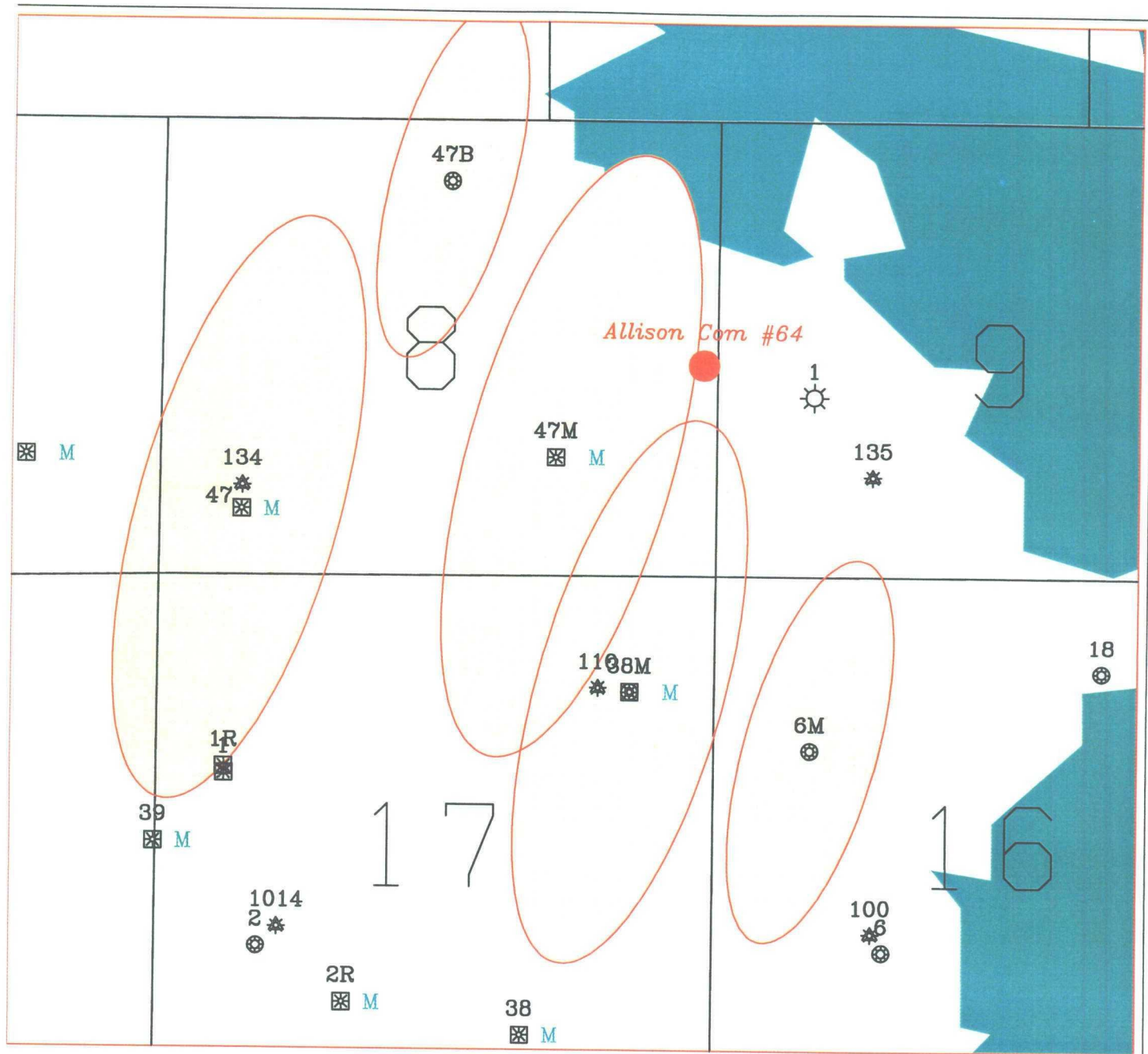
**BURLINGTON RESOURCES**  
San Juan Division

Proposed NSL For Allison Unit Com 64 Well  
Section 8-32N-6W  
145° FEL 2065FSL

Transverse Meridian  
UTM - 1827 - Zone 13

Prepared By: Peggy Cole  
File No.: Allison Unit  
Date: 08/10/2001  
Reviewed:





*T32N R6W*  
*Mesaverde*  
*Drainage Areas*

*J. Dehart*  
*8/01*

Proposed Allison Unit Com Well Number 64  
2065' FSL & 145' FEL  
Section 8, T32N, R6W  
San Juan County, New Mexico  
Blanco Mesaverde/Basin Dakota Pool  
Estimated TD 7632'

The Mesaverde spacing unit for the Allison Unit Com 64 is an irregular shaped tract located in Sections 8 and 9 of T32N, R6W. The proposed test is staked at a standard Mesaverde gas well location within the spacing unit. No Mesaverde well has been completed to date in the spacing unit. The location of the proposed test was selected to optimize recovery from the Mesaverde Group. The primary control on productivity in the Mesaverde is the density of natural fractures. Fracture orientation ranges from due north to north 30 degrees east. Gas drainage areas are elliptical in shape with the long axis parallel to the direction of fracture orientation.

A drainage ellipse map of the project vicinity indicates that undeveloped gas reserves remain to be exploited on the east side of the spacing unit. The drainage ellipse map is based upon data derived from a larger study of the entire Blanco Mesaverde Pool (estimated ultimate recovery calculated for all wells in the Blanco Mesaverde Pool, original gas in place values calculated for entire Blanco Mesaverde Pool, etc.). The Allison Unit 47M, located in the SW/4SE/4 of Section 8, T32N, R6W, will drain gas reserves from much of the west side of the spacing unit. The 47M is a strong well with minimum estimated ultimate recovery of 2.5 BCFG from the Mesaverde. The proposed test is expected to encounter the same excellent reservoir characteristics in the Mesaverde as found at the Allison Unit 47M. The Allison Unit 6M, located in the SW/4NW/4 of Section 16, T32N, R6W, encountered substantial quantities of water in the Point Lookout. A pumping unit was required to produce the Mesaverde at this well. The initial water production rate at the 6M was 100 BPD. Placement of the Allison Unit Com 64 further to the east increases risk of water production from the Point Lookout.

The proposed test will be the first Dakota well completed in the Dakota spacing unit, which is the same irregular shaped tract of land as the Mesaverde spacing unit. Exact placement of the well within the spacing unit is not viewed as critical to success of the new drill project in the Dakota. The proposed test is staked at a non-standard Dakota gas well location within the spacing unit. Every effort was made to locate the Allison Unit Com 64 at a standard Dakota gas well location that would also not create significant Mesaverde drainage area overlap with the Allison Unit 47M. Unfortunately, it was not possible to find such a location due to issues with the surface owner. A test located at the proposed footages is expected to be geologically comparable in the Dakota with a test located at any standard Dakota location in the spacing unit.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**Jennifer A. Salisbury**

Cabinet Secretary

July 23, 2001

**Lori Wrotenbery**

Director

**Oil Conservation Division**

**Burlington Resources Oil & Gas Company**

**P. O. Box 4289**

**Farmington, New Mexico 87499-4289**

**Attention: Peggy Cole**

**Re:** *Administrative application for an exception to the well location provisions of the: (i) "Special Rules for the Blanco-Mesaverde Pool," as promulgated by Division Order No. R-10987-A; and (ii) "Special Rules for the Basin-Dakota Pool," as promulgated by Division Order No. R-10987-B, as amended.*

Dear Ms. Cole:

This letter acknowledges the receipt of your administrative application dated July 18, 2001 of an unorthodox gas well location in both the Blanco-Mesaverde and Basin-Dakota Pools for Burlington Resources Oil & Gas Company's proposed Allison Unit Com. Well No. 64 (API No. 30-045-29810) to be drilled 2065 feet from the South line and 145 feet from the East line (Unit I) of Section 8, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico. The Division received your application on July 19, 2001, and assigned it NMOCD reference No. *pKRV0-120140364*. Please refer to this number in future correspondence with the Division.

Our preliminary review indicates that the information provided in the application is not sufficient to process an administrative order. The location provisions for both pools essentially requires wells to be no closer then 660 feet from the outer boundary of its assigned GPU (see Division Orders No. R-10987-A and R-10987-B). This well is 593 feet from such nearest outer boundary line, being the northwest corner of the SW/4 NW/4 (Unit E) of Section 9. This well is therefore deemed unorthodox. The following information is necessary:

- (1) An explanation with support data why an unorthodox location is absolutely necessary for this unit and why a standard location can not be found.

Since the submitted information is insufficient to review, the application was ruled as incomplete on July 23, 2001. Please submit the above stated information by Monday, July 30, 2001.

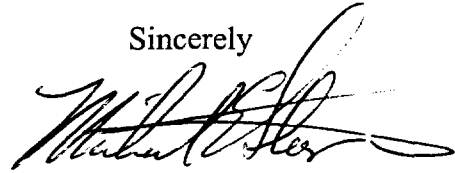
The Division can not proceed with your application until the required information is submitted. Upon receipt, the Division will continue to process your application. The additional information can be faxed to (505) 476-3471, or mailed to the Division in Santa Fe. If the necessary information is not submitted, your application will be returned to you.

**Burlington Resources Oil & Gas Company**  
**July 23, 2001**  
**Page 2**

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Should you have any questions concerning this matter, please contact me in Santa Fe at (505) 476-3465. Thank you.

Sincerely

A handwritten signature in black ink, appearing to read "Michael E. Stogner", with a stylized flourish at the end.

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Aztec

DATE IN 7/19/01	SUPERSEDE 8/8/01	ENGINEER MS	LOGGED IN MV	TYPE NSL	APP NO. 120140364
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ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication  
☒ NSL ☐ NSP ☐ SD

JUL 19 01

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners  
 [B] ☒ Offset Operators, Leaseholders or Surface Owner  
 [C] ☐ Application is One Which Requires Published Legal Notice  
 [D] ☒ Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office  
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,  
 [F] ☐ Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE** - Certification

I hereby certify that I, or personnel under my supervision, have reviewed the applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common.

*I understand that any omission of data (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.*

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Peggy Cole

Print or Type Name

Signature

Regulatory Supervisor

Title

7-18-01

Date

pbradfield@br-inc.com  
 e-mail Address

# BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express July 18, 2001

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87504

Re: Allison Unit Com #64  
2065'FSL, 145'FEL, T-32-N, R-6-W, San Juan County  
30-045-29810

Dear Mr. Stogner:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Basin Dakota and Blanco Mesaverde. This well is planned as a Mesaverde and Dakota commingled completion. Order DHC-2217 has been received for the commingling of the Mesaverde and Dakota.

Order R-11588 was received for the non-standard gas spacing and proration unit for the Mesaverde. Production from the Mesaverde is to be included in a 317.51 acre gas spacing and proration unit comprising Lots 1 and 2, the SE/4 NE/4 and the E/2 SE/4 of Section 8, and the SW/4 of Section 9. Order R-2046 was issued for the non-standard gas spacing and proration unit for the Dakota. Production from the Dakota is to be included in a 317.51 acre gas spacing and proration unit comprising Lots 1 and 2, the SE/4 NE/4 and the E/2 SE/4 of Section 8, and the SW/4 of Section 9.

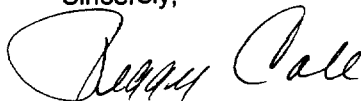
The following attachments are for your review:

- Application for Permit to Drill and approved intent sundry for extension
- Completed C-102 at referenced location
- Offset operators/owners plat
- Order R-11588 and Page Ten from R-2046

The location for this well is 660' from the SW/4 SW/4 of Section 9 as shown on the enclosed plat; however, this location might be considered non-standard due to the unusual shape of the non-standard proration unit.

Please let me know if you have any questions about this application.

Sincerely,



Peggy Cole  
Regulatory Supervisor

Xc: Bureau of Land Management  
NMOCD – Aztec District Office

## WAIVER

\_\_\_\_\_ hereby waives objection to Burlington Resources' application for a non-standard location for the Allison Unit Com #64 as proposed above.

By: \_\_\_\_\_ Date: \_\_\_\_\_

xc: NMOCD - Aztec District Office  
Bureau of Land Management



Re: Allison Unit Com #64  
2065'FSL, 145'FEL, T-32-N, R-6-W, San Juan County  
30-045-29810

I hereby certify that the following offset operators/owners have been mailed notification of our application for non-standard location.

T. H. McElvain Oil & Gas LP  
Att: Mona L. Binion  
1050 17<sup>th</sup> Street, Suite 1800  
Denver, CO 80265

LHS, Smith & Smith II, LTD  
Att: Tom Speck  
1331 Lamar, Suite 501  
Houston, TX 77010

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

2065' FSL, 145' FEL, Sec. 8, T-32-N, R-6-W, NMPM, San Juan County

API # (assigned by OCD)  
30-045-29810

5. Lease Number  
Fee

6. State Oil & Gas Lease #

7. Lease Name/Unit Name

Allison Unit Com

8. Well No.  
#64

9. Pool Name or Wildcat  
Blanco MV/Basin DK

10. Elevation:

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

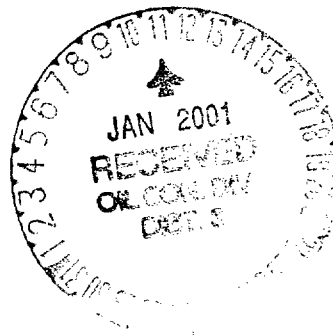
☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

Please extend our Application for Permit to Drill for the subject well.

*extend to 2/12/02*



SIGNATURE

*Regina Cali*

Regulatory Supervisor January 10, 2001

TLW

(This space for State Use)

Original Signed by STEVEN N. HAYDEN

Approved by

Title DEPUTY OIL & GAS INSPECTOR, DIST. # Date

JAN 11 2001

State of New Mexico  
Energy, Minerals & Natural Resources Department  
Oil Conservation Division  
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

<sup>1</sup> Operator Name and Address. Burlington Resources PO Box 4289, Farmington, NM 87499		<sup>2</sup> OGRID Number 14538
<sup>4</sup> Property Code 6785	<sup>5</sup> Property Name Allison Unit Com	<sup>3</sup> API Number 30-045-29810 <sup>6</sup> Well No. #64

<sup>7</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	8	32N	6W		2235'	South	155'	East	San Juan

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 Blanco Mesaverde - 72319					<sup>10</sup> Proposed Pool 2 Basin Dakota - 71599				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code FEE	<sup>15</sup> Ground Level Elevation 6135'GR
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth 7627'	<sup>18</sup> Formation Mesaverde/Dakota	<sup>19</sup> Contractor N/a	<sup>20</sup> Spud Date N/a

<sup>21</sup> Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 3/4"	9 5/8"	32.3#	200'	188 cu ft	Surface
8 3/4"	7"	20#	3125'	822 cu ft	Surface
6 1/4"	4 1/2"	10.5#	3025'-7627'	661 cu ft	Surface

<sup>22</sup> 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.

<sup>23</sup> 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 (vkh) Title: Regulatory/Compliance Administrator Date: 1-26-99		OIL CONSERVATION DIVISION Approved by: <i>Ernie Bunch</i> Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3 Approval Date: FEB 12 1999 Expiration Date: FEB 12 2000 Conditions of Approval: Attached <input type="checkbox"/> HOLD C104 FOR NSL & N 5/PMV	
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State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well GAS	API # (assigned by OCD) 30-045-29810
2. Name of Operator <b>BURLINGTON RESOURCES</b> OIL & GAS COMPANY	5. Lease Number Fee
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	6. State Oil&Gas Lease #
4. Location of Well, Footage, Sec., T, R, M 2065' FSL, 145' FEL, Sec.8, T-32-N, R-6-W, NMPM, San Juan County	7. Lease Name/Unit Name Allison Unit Com
	8. Well No. 64
	9. Pool Name or Wildcat Blanco MV/Basin DK
	10. Elevation:

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -

13. Describe Proposed or Completed Operations

The footage of the subject well has been changed from 2235' FSL, 155' FEL. A new C-102 is attached.

RECEIVED  
DEC 16 1999  
OIL CON. DIV.  
DIST. 3

SIGNATURE *Permy Cole* Regulatory Administrator December 15, 1999

no  
(This space for State Use)

ORIGINAL SIGNED BY CHARLIE T. PERRY

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DEC 16 1999

Approved by \_\_\_\_\_ Title \_\_\_\_\_ 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-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-		2 Pool Code 72319/71599		3 Pool Name Blanco MEsaverde/Basin Dakota	
4 Property Code 6785		5 Property Name ALLISON UNIT COM			6 Well Number 64
7 OGRID No. 14538		8 Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			9 Elevation 6140'

#### 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
I	8	32N	6W		2065	SOUTH	145	EAST	SAN JUAN

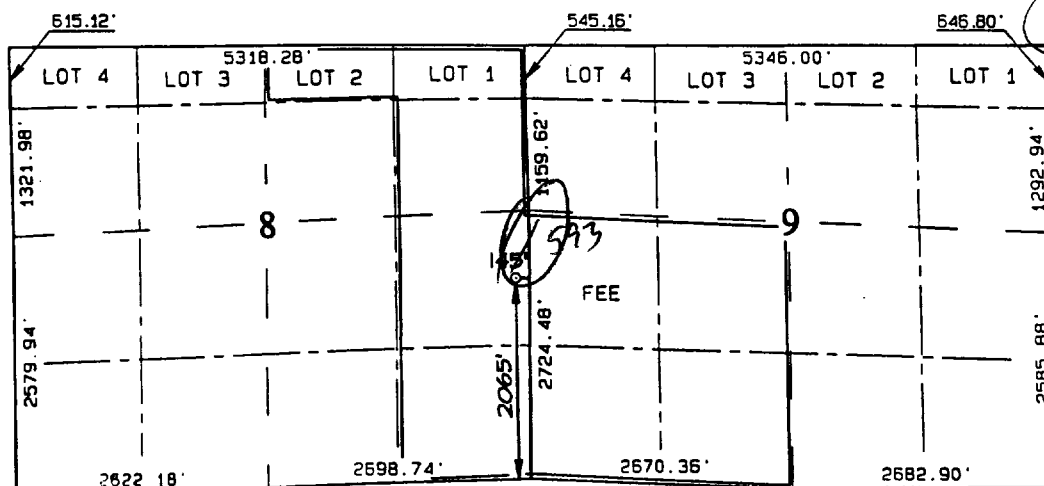
#### 11 Bottom Hole Location If Different From Surface

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 317.51	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

Re-issued to show revised location.



#### 17 OPERATOR CERTIFICATION

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

*Peggy Cole*  
Signature  
Peggy Cole  
Printed Name  
Regulatory Administrator  
Title  
12-15-99  
Date

#### 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.

DECEMBER 2, 1999  
Date of Survey

Signature and Seal of Surveyor

NEALE G. EDWARDS  
NEW MEXICO  
6857  
6857  
Certificate

BURLINGTON RESOURCES OIL AND GAS COMPANY

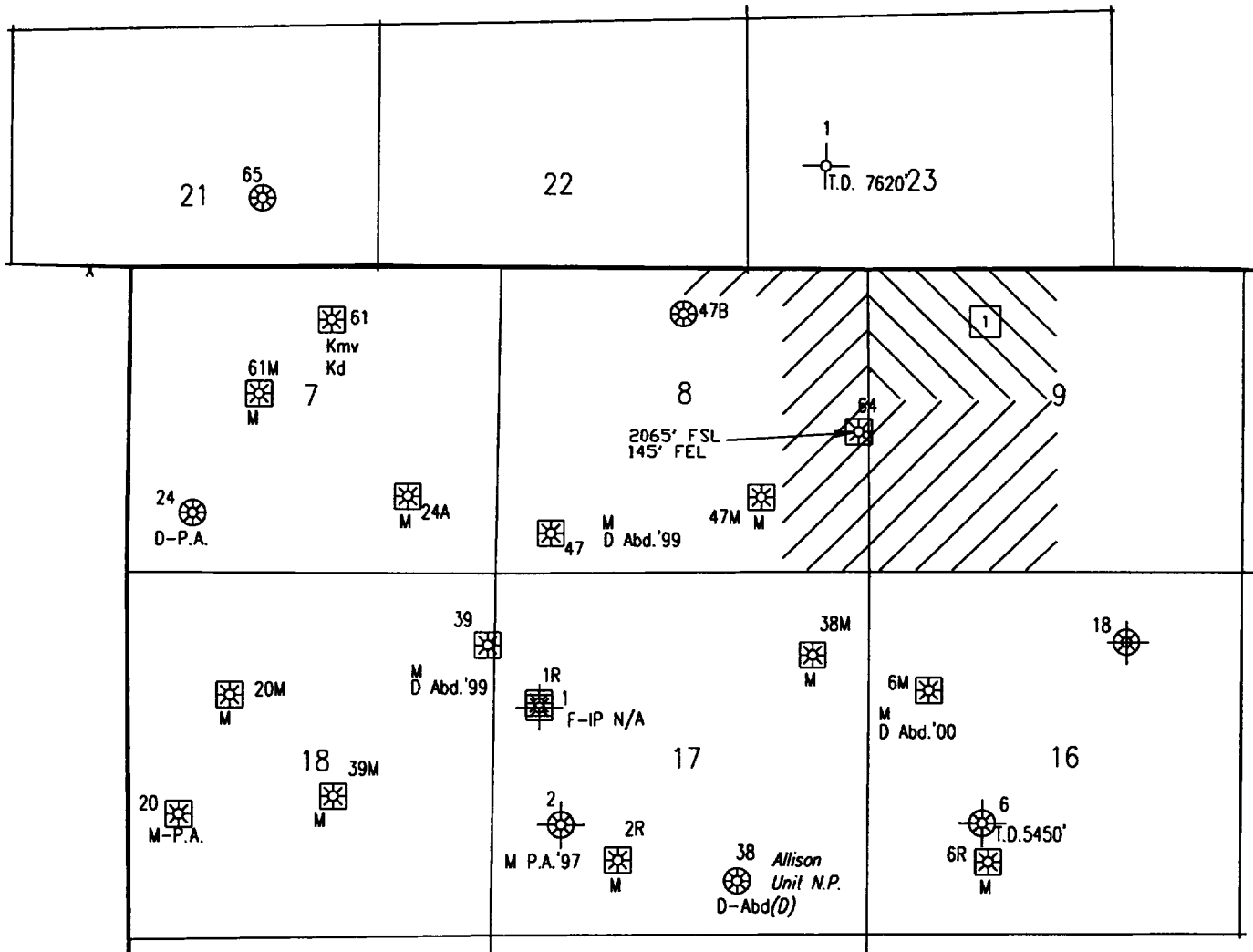
Allison Unit Com #64

Section 8, T-32-N, R-6-W

OFFSET OPERATOR/OWNER PLAT

Nonstandard Location

Mesaverde Formation Well



1 T.H. McElvain Oil & Gas LP  
Attn: Mona L. Binion  
1050 17th Street, Suite 1800  
Denver, CO 80265

LHS, Smith & Smith II, LTD  
Attn: Tom Speck  
1331 Lamar, Suite 501  
Houston, TX 77010



Proposed Well



Offset Operator

**STATE OF NEW MEXICO  
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:**

**CASE NO. 12650  
ORDER NO. R-11588**

**APPLICATION OF BURLINGTON RESOURCES OIL & GAS COMPANY FOR  
APPROVAL OF A 317.51-ACRE NON-STANDARD GAS SPACING AND  
PRORATION UNIT, SAN JUAN COUNTY, NEW MEXICO.**

**ORDER OF THE DIVISION**

**BY THE DIVISION:**

This case came on for hearing at 8:15 a.m. on May 3, 2001, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 21st day of May, 2001, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner,

**FINDS THAT:**

- (1) Due public notice has been given and the Division has jurisdiction of this case and its subject matter.
- (2) The applicant, Burlington Resources Oil & Gas Company ("Burlington"), seeks approval of a 317.51-acre non-standard gas spacing and proration unit for Blanco-Mesaverde Gas Pool production comprising Lots 1 and 2, the SE/4 NE/4, and the E/2 SE/4 of Section 8, and the SW/4 of Section 9, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico.
- (3) This case was styled such that "*In the Absence of Objection, This Case Will be Taken Under Advisement.*"
- (4) Burlington appeared at the hearing through legal counsel and presented evidence to support its application. No other party appeared at the hearing.
- (5) The evidence presented indicates that:

**IT IS THEREFORE ORDERED THAT:**

(1) Pursuant to the application of Burlington Resources Oil & Gas Company, a 317.51-acre non-standard gas spacing and proration unit for Blanco-Mesaverde Gas Pool production comprising Lots 1 and 2, the SE/4 NE/4, and the E/2 SE/4 of Section 8, and the SW/4 of Section 9, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico, is hereby established.

(2) This unit shall be dedicated to the applicant's Allison Unit Com Well No. 64 to be drilled 2065 feet from the South line and 145 feet from the East line (Unit I) of Section 8, Township 32 North, Range 6 West, NMPM; provided, however, the applicant shall obtain all applicable Division approvals for the well with regards to the proposed unorthodox gas well location.

(3) Jurisdiction is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

*Lori Wrotenbery*  
LORI WROTENBERY  
Director



TOWNSHIP 32 NORTH, RANGE 6 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
		11	E/2 E/2, SW/4 SE/4
C	334.45	11	W/2 NE/4, NW/4, N/2 SW/4, SE/4 SW/4, NW/4 SE/4
D	338.25	10	E/2 E/2, SW/4 NE/4, W/2 SE/4, SE/4 SW/4
E	337.75	10	NW/4 NE/4, NW/4, N/2 SW/4, SW/4 SW/4
		9	E/2 SE/4
F	317.60	9	N/2, W/2 SE/4
→ G	317.51	9	SW/4
		8	E/2 E/2, NW/4 NE/4
H	320.00	8	SW/4 NE/4, SE/4 NW/4, SW/4, W/2 SE/4
I	308.78	8	N/2 NW/4, SW/4 NW/4
		7	N/2
J	318.27	7	S/2
K	318.39	31	N/2 N/2, S/2 NE/4, N/2 SE/4
L	315.12	31	S/2 NW/4, SW/4, S/2 SE/4

TOWNSHIP 32 NORTH, RANGE 7 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	293.10	7	Lots 2, 3, 4, SW/4, W/2 SE/4
B	298.38	7	E/2 E/2
		8	W/2
C	298.33	8	W/2
		9	W/2 W/2
D	376.88	9	E/2 W/2, E/2
		10	Lots 3, 4, NW/4 SW/4

# BURLINGTON RESOURCES

OIL CONSERVATION DIV.

01 JUL 32 PM 1:03

SAN JUAN DIVISION

Sent Federal Express July 18, 2001

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87504

Re: Allison Unit Com #64  
2065'FSL, 145'FEL, T-32-N, R-6-W, San Juan County  
30-045-29810

Dear Mr. Stogner:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Basin Dakota and Blanco Mesaverde. This well is planned as a Mesaverde and Dakota commingled completion. Order DHC-2217 has been received for the commingling of the Mesaverde and Dakota.

Order R-11588 was received for the non-standard gas spacing and proration unit for the Mesaverde. Production from the Mesaverde is to be included in a 317.51 acre gas spacing and proration unit comprising Lots 1 and 2, the SE/4 NE/4 and the E/2 SE/4 of Section 8, and the SW/4 of Section 9. Order R-2046 was issued for the non-standard gas spacing and proration unit for the Dakota. Production from the Dakota is to be included in a 317.51 acre gas spacing and proration unit comprising Lots 1 and 2, the SE/4 NE/4 and the E/2 SE/4 of Section 8, and the SW/4 of Section 9.

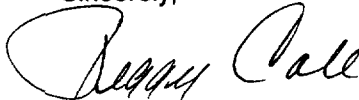
The following attachments are for your review:

- Application for Permit to Drill and approved intent sundry for extension
- Completed C-102 at referenced location
- Offset operators/owners plat
- Order R-11588 and Page Ten from R-2046

The location for this well is 660' from the SW/4 SW/4 of Section 9 as shown on the enclosed plat; however, this location might be considered non-standard due to the unusual shape of the non-standard proration unit.

Please let me know if you have any questions about this application.

Sincerely,



Peggy Cole  
Regulatory Supervisor

Xc: Bureau of Land Management  
NMOCD - Aztec District Office

T.H. McElvain Oil & Gas Limited Partnership

By: McElvain Oil & Gas Properties Inc., General Partner

WAIVER

hereby waives objection to Burlington Resources' application for a non-standard location for the Allison Unit Com #64 as proposed above.

By: 

Date: 7/27/01

xc: NMOCD - Aztec District Office  
Bureau of Land Management

Re: Allison Unit Com #64  
2065'FSL, 145'FEL, T-32-N, R-6-W, San Juan County  
30-045-29810

I hereby certify that the following offset operators/owners have been mailed notification of our application for non-standard location.

T. H. McElvain Oil & Gas LP  
Att: Mona L. Binion  
1050 17<sup>th</sup> Street, Suite 1800  
Denver, CO 80265

LHS, Smith & Smith II, LTD  
Att: Tom Speck  
1331 Lamar, Suite 501  
Houston, TX 77010

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator  
**BURLINGTON  
RESOURCES** OIL & GAS COMPANY

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
2065' FSL, 145' FEL, Sec. 8, T-32-N, R-6-W, NMPM, San Juan County

API # (assigned by OCD)  
30-045-29810

5. Lease Number  
Fee

6. State Oil & Gas Lease #

7. Lease Name/Unit Name  
Allison Unit Com

8. Well No.  
#64

9. Pool Name or Wildcat  
Blanco MV/Basin DK

10. Elevation:

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other -
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

Please extend our Application for Permit to Drill for the subject well.

*extend to 2/12/02*



SIGNATURE *Regina Calk* Regulatory Supervisor January 10, 2001

TLW

(This space for State Use)

Original Signed by STEVEN N. HAYDEN  
Approved by \_\_\_\_\_ Title DEPUTY OIL & GAS INSPECTOR, DIST. # Date

JAN 11 2001



## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

Form C-101

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

District I  
1000 South First, Artesia, NM 88210

District II

1000 Rio Brazos Rd., Aztec, NM 87410

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

## OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, NM 87505

AMENDED REPORT

## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. Burlington Resources PO Box 4289, Farmington, NM 87499		OGRID Number 14538
Property Code 6785		Property Name Allison Unit Com
API Number 30-045-29810		Well No. #64

## Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	8	32N	6W		2235'	South	155'	East	San Juan

## 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

## Proposed Pool 1

Blanco Mesaverde - 72319

## Proposed Pool 2

Basin Dakota - 71599

Work Type Code N	Well Type Code G	Cable/Rotary Rotary	Lease Type Code FEE	Ground Level Elevation 6135'GR
Multiple	Proposed Depth 7627'	Formation Mesaverde/Dakota	Contractor N/a	Spud Date N/a

## Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 3/4"	9 5/8"	32.3#	200'	188 cu ft	Surface
8 3/4"	7"	20#	3125'	822 cu ft	Surface
6 1/4"	4 1/2"	10.5#	3025'-7627'	661 cu ft	Surface

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.

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 (vkh)

Title: Regulatory/Compliance Administrator

Date: 1-26-99

Phone: 505-326-9700

## OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

HOLD C104 FOR NSL &amp; USPMV

State of New Mexico  
Energy, Minerals and Natural Resources Department  
Oil Conservation Division

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

2065' FSL, 145' FEL, Sec. 8, T-32-N, R-6-W, NMPM, San Juan County

API # (assigned by OCD)  
30-045-29810

5. Lease Number  
Fee

6. State Oil & Gas Lease #

7. Lease Name/Unit Name

Allison Unit Com

8. Well No.  
64

9. Pool Name or Wildcat  
Blanco MV/Basin DK

10. Elevation:

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☒ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

The footage of the subject well has been changed from 2235' FSL, 155' FEL. A new C-102 is attached.

RECEIVED  
DEC 16 1999  
OIL CON. DIV.  
DIST. 3

SIGNATURE

*Peggy Cole*

Regulatory Administrator December 15, 1999

no  
(This space for State Use)

ORIGINAL SIGNED BY CHARLIE T. PERRIN

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date DEC 16 1999

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-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

API Number <b>30-045-</b>		Pool Code <b>72319/71599</b>		Pool Name <b>Blanco MEsaverde/Basin Dakota</b>	
Property Code <b>6785</b>		Property Name <b>ALLISON UNIT COM</b>			Well Number <b>64</b>
OGRID No. <b>14538</b>		Operator Name <b>BURLINGTON RESOURCES OIL &amp; GAS COMPANY</b>			Elevation <b>6140'</b>

#### <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	8	32N	6W		2065	SOUTH	145	EAST	SAN JUA

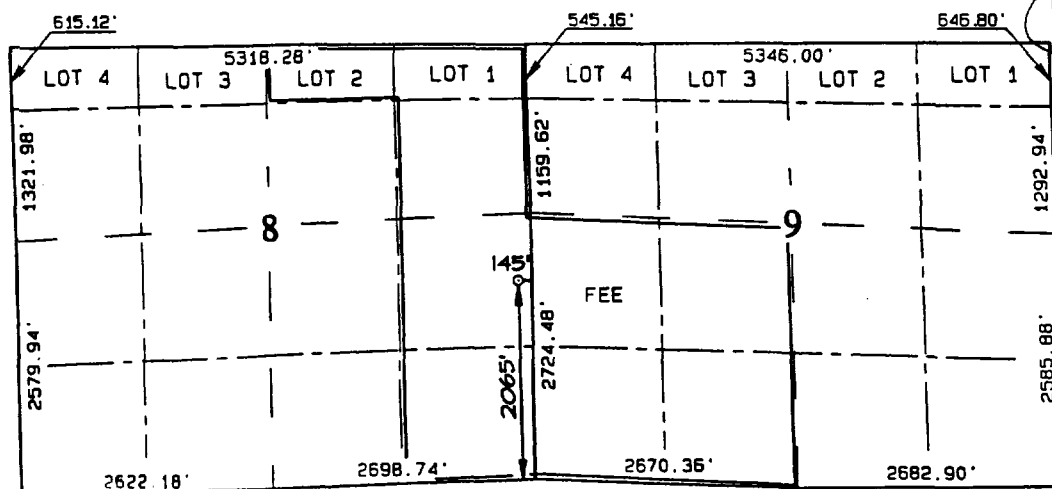
#### <sup>11</sup> Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres <b>317.51</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--	-------------------------------	----------------------------------	-------------------------

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

Re-issued to show revised location.



#### <sup>17</sup> OPERATOR CERTIFICATION

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

*Peggy Cole*  
Signature  
**Peggy Cole**  
Printed Name  
Regulatory Administrator  
Title  
**12-15-99**  
Date

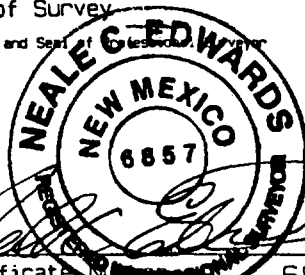
#### <sup>18</sup> SURVEYOR CERTIFICATION

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.

**DECEMBER 2, 1999**

Date of Survey

Signature and Seal



Certificate No. 6857

BURLINGTON RESOURCES OIL AND GAS COMPANY

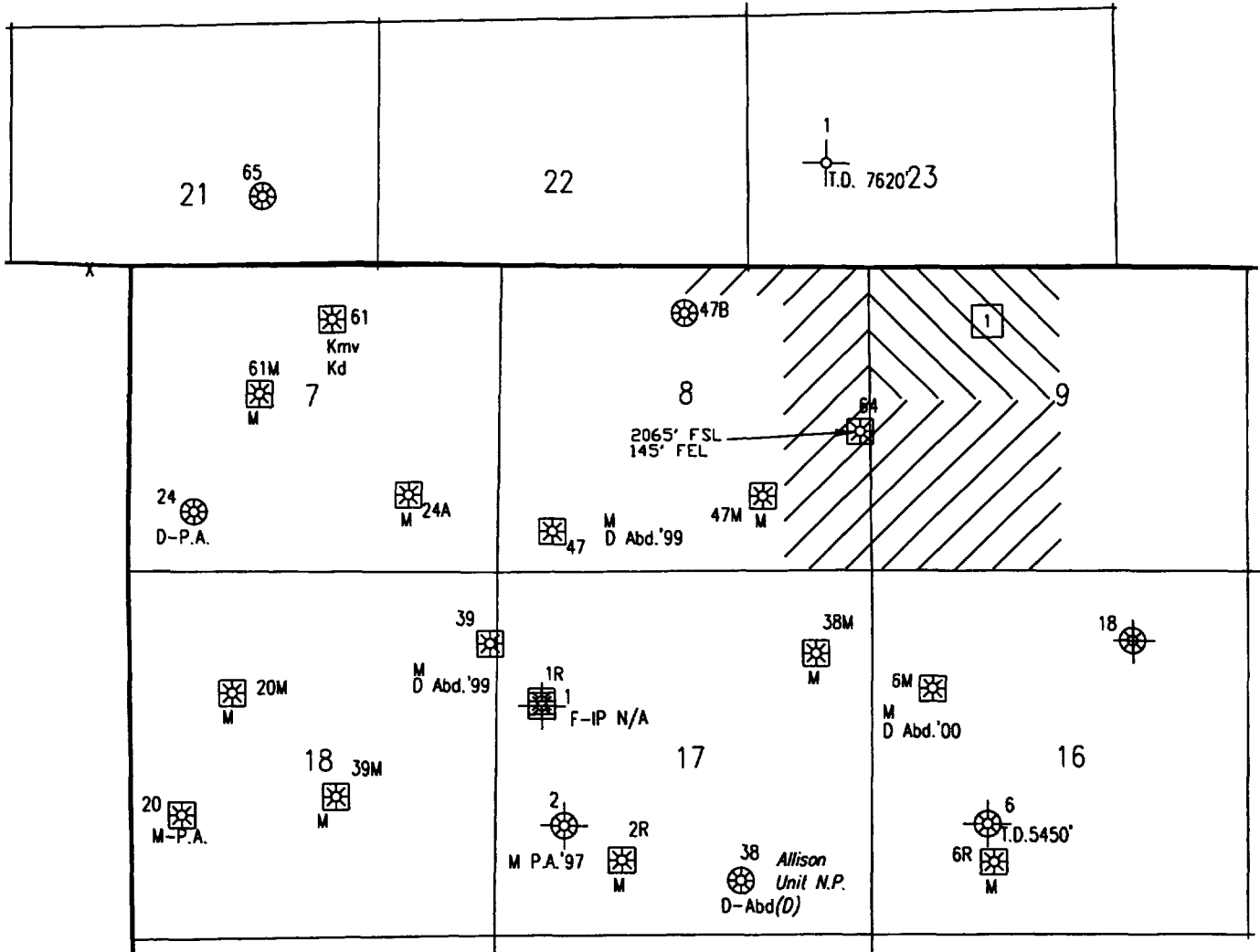
Allison Unit Com #64

Section 8, T-32-N, R-6-W

OFFSET OPERATOR/OWNER PLAT

Nonstandard Location

Mesaverde Formation Well



1 T.H. McElvain Oil & Gas LP  
Attn: Mona L. Binion  
1050 17th Street, Suite 1800  
Denver, CO 80265

LHS, Smith & Smith II, LTD  
Attn: Tom Speck  
1331 Lamar, Suite 501  
Houston, TX 77010



Proposed Well



Offset Operator



**STATE OF NEW MEXICO  
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:**

**CASE NO. 12650  
ORDER NO. R-11588**

**APPLICATION OF BURLINGTON RESOURCES OIL & GAS COMPANY FOR  
APPROVAL OF A 317.51-ACRE NON-STANDARD GAS SPACING AND  
PRORATION UNIT, SAN JUAN COUNTY, NEW MEXICO.**

**ORDER OF THE DIVISION**

**BY THE DIVISION:**

This case came on for hearing at 8:15 a.m. on May 3, 2001, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 21st day of May, 2001, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner,

**FINDS THAT:**

- (1) Due public notice has been given and the Division has jurisdiction of this case and its subject matter.
- (2) The applicant, Burlington Resources Oil & Gas Company ("Burlington"), seeks approval of a 317.51-acre non-standard gas spacing and proration unit for Blanco-Mesaverde Gas Pool production comprising Lots 1 and 2, the SE/4 NE/4, and the E/2 SE/4 of Section 8, and the SW/4 of Section 9, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico.
- (3) This case was styled such that "*In the Absence of Objection, This Case Will be Taken Under Advisement.*"
- (4) Burlington appeared at the hearing through legal counsel and presented evidence to support its application. No other party appeared at the hearing.
- (5) The evidence presented indicates that:

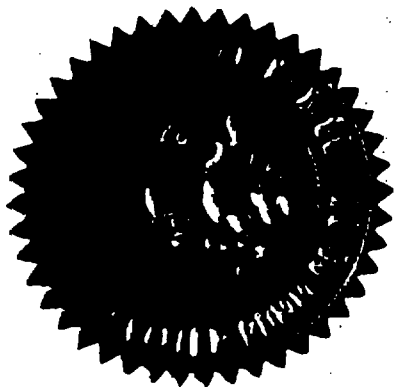
**IT IS THEREFORE ORDERED THAT:**

(1) Pursuant to the application of Burlington Resources Oil & Gas Company, a 317.51-acre non-standard gas spacing and proration unit for Blanco-Mesaverde Gas Pool production comprising Lots 1 and 2, the SE/4 NE/4, and the E/2 SE/4 of Section 8, and the SW/4 of Section 9, Township 32 North, Range 6 West, NMPM, San Juan County, New Mexico, is hereby established.

(2) This unit shall be dedicated to the applicant's Allison Unit Com Well No. 64 to be drilled 2065 feet from the South line and 145 feet from the East line (Unit I) of Section 8, Township 32 North, Range 6 West, NMPM; provided, however, the applicant shall obtain all applicable Division approvals for the well with regards to the proposed unorthodox gas well location.

(3) Jurisdiction is hereby retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

*Lori Wrotenberg*  
LORI WROTENBERY  
Director

TOWNSHIP 32 NORTH, RANGE 6 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
		11	E/2 E/2, SW/4 SE/4
C	334.45	11	W/2 NE/4, NW/4, N/2 SW/4, SE/4 SW/4, NW/4 SE/4
D	338.25	10	E/2 E/2, SW/4 NE/4, W/2 SE/4, SE/4 SW/4
E	337.75	10	NW/4 NE/4, NW/4, N/2 SW/4, SW/4 SW/4
		9	E/2 SE/4
F	317.60	9	N/2, W/2 SE/4
→ G	317.51	9	SW/4
		8	E/2 E/2, NW/4 NE/4
H	320.00	8	SW/4 NE/4, SE/4 NW/4, SW/4, W/2 SE/4
I	308.78	8	N/2 NW/4, SW/4 NW/4
		7	N/2
J	318.27	7	S/2
K	318.39	31	N/2 N/2, S/2 NE/4, N/2 SE/4
L	315.12	31	S/2 NW/4, SW/4, S/2 SE/4

TOWNSHIP 32 NORTH, RANGE 7 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	293.10	7	Lots 2, 3, 4, SW/4, W/2 SE/4
B	298.38	7	E/2 E/2
		8	W/2
C	298.33	8	W/2
		9	W/2 W/2
D	376.88	9	E/2 W/2, E/2
		10	Lots 3, 4, NW/4 SW/4

OIL CONSERVATION DIVISION

TELEPHONE LOG

COMPANY NAME: Burlington Resources

PROPERTY NAME: Allison Unit Com. #64

RESPONSIBLE OFFICIAL: Pessy Cole

APPLICATION NUMBER: PKRVO-120140364

NAME OF ENGINEER: S. Sogner

DATE CALLED: 7-30-2001

TIME CALLED: 5:30 PM

NOTES:

*Left a message on voice mail to  
respond to OCD's request by 8-20-2001.*



## Stogner, Michael

---

**From:** Hayden, Steven  
**Sent:** ~~Friday, August 17, 2001 2:24 PM~~  
**To:** Stogner, Michael  
**Subject:** Allison Unit Com #64

Mike,

I received the Packet on this well yesterday afternoon.  
Given the presence of wetlands and irrigated fields, I do not see any problem with granting the NSL. Moving into the irrigated area to the west might very marginally improve the elliptical drainage for the MV, but probably not greatly and the Dakota would still be NSL. The area to the north is either swamp or arroyo.

Steve Hayden  
District Geologist  
NM OCD District III  
1000 Rio Brazos Rd  
Aztec, NM 87410

<shayden@state.nm.us>  
505-334-6178 ext 14  
Fax: 505-334-6170



## Stogner, Michael

---

**From:** Stogner, Michael  
**Sent:** ~~Thursday, August 16, 2001 10:38 AM~~  
**To:** Hayden, Steven  
**Subject:** RE: BR, Allison Unit Com #64

I'll make a copy and send it off today.

-----Original Message-----

**From:** Hayden, Steven  
**Sent:** Thursday, August 16, 2001 10:36 AM  
**To:** Stogner, Michael  
**Subject:** FW: BR, Allison Unit Com #64

I don't think I have received any new info since I sent this.

-----  
**From:** Hayden, Steven  
**Sent:** Tuesday, July 24, 2001 7:50 AM  
**To:** Stogner, Michael  
**Cc:** Ezeanyim, Richard  
**Subject:** BR, Allison Unit Com #64

Mike,

The acreage shown in ONGARD for this section must be averaged. The 1063 dependent resurvey plat for T32N, R6W shows the same figures as the surveyor has on the plat. This gives a distance from the corner of 675.232... If you then take into account that the south half of the eastern section boundary has an azimuth of 0°, 32', the distance will increase by an infinitesimal amount.

What this leads to is that this is a standard location for the Mesaverde.

The Dakota is still NSL and no reasons have been given in the application, as you said earlier.

<< OLE Object: Image Document >>

Steve Hayden [shayden@state.nm.us](mailto:shayden@state.nm.us)  
NM OCD District III (505) 334-6178 Ext. 14  
1000 Rio Brazos Rd. Fax: (505) 334-6170  
Aztec, NM 87410

### Tracking:

#### Recipient

Hayden, Steven

#### Read

Read: 8/16/2001 10:40 AM

**Stogner, Michael**

---

**From:** Stogner, Michael  
**Sent:** Thursday, August 16, 2001 10:33 AM  
**To:** Hayden, Steven  
**Subject:** Allison Unit Com. #64

I just received a letter with attachments from Ms. Cole concerning Burlington's NSL request of July 19th. Please share any pertinent comments that you may have. Thanks.

-----  
**From:** Hayden, Steven  
**Sent:** Tuesday, July 24, 2001 6:58 AM  
**To:** Stogner, Michael  
**Subject:** RE: Burlington's Allison Unit Com. #64

OK, I just took the footage figures from the C-102, assuming that the surveyor would be correct.

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 23, 2001 4:41 PM  
**To:** Hayden, Steven  
**Cc:** Ezeanyim, Richard  
**Subject:** RE: Burlington's Allison Unit Com. #64

I calculate this location to be 593' from the NW/4 SW/4, based on ONGARD data on the Section and survey. I can't go on the figures given on the C-102 because the southern portions of Section 8 and 9 would not be standard S/2 dedication as shown on ONGARD. My figures show that this well is unorthodox for both the MV and Dk. I'm still heading in this direction and besides they never said why they HAD to be unorthodox anyway.

-----  
**From:** Hayden, Steven  
**Sent:** Monday, July 23, 2001 3:45 PM  
**To:** Stogner, Michael  
**Cc:** Ezeanyim, Richard  
**Subject:** RE: Burlington's Allison Unit Com. #64

Mike,  
If I have the boundary for the Allison unit right, this well is 675 from the corner (NW corner, SW/4) in Section 9 and is standard for the MV, although NSL for Basin Dakota.

Steve

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 23, 2001 12:56 PM  
**To:** Hayden, Steven; Perrin, Charlie  
**Cc:** Chavez, Frank  
**Subject:** Burlington's Allison Unit Com. #64

I just reviewed this application and pursuant to the rules the well is unorthodox in both intervals. I am sending a letter asking why an unorthodox location is essential because there is not explanation in the application.

Any comments.

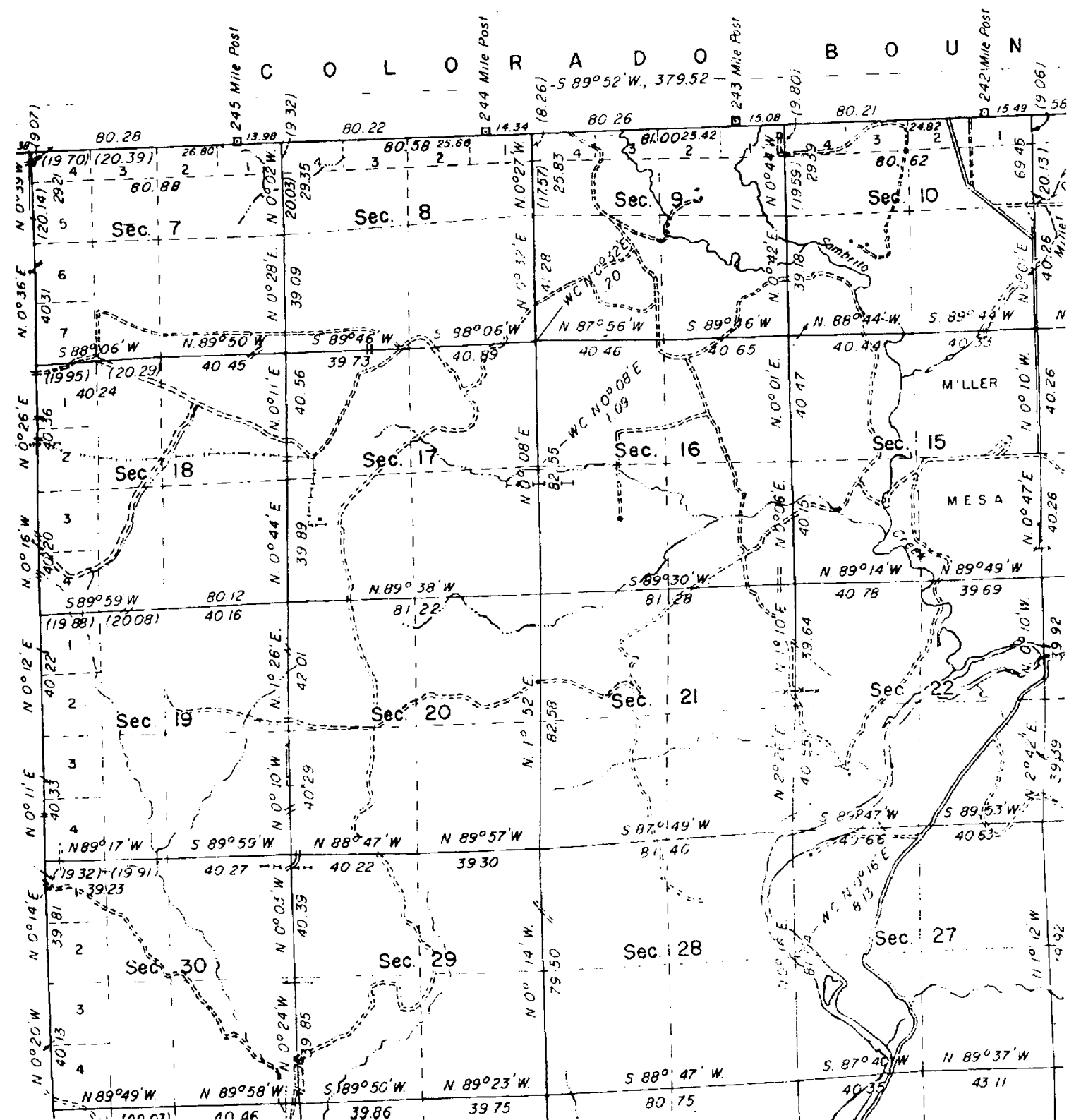
-----  
**From:** Hayden, Steven  
**Sent:** Tuesday, July 24, 2001 8:32 AM  
**To:** Stogner, Michael  
**Subject:** BR Allison

Mike, I scanned in a portion of the township map. If this doesn't come through, let me know and I will try again.

Steve

<<File: Untitled.tif>>

# TOWNSHIP 32 NORTH, RANGE 6 WEST OF THE DEPENDEN



-----  
**From:** Stogner, Michael  
**Sent:** Tuesday, July 24, 2001 7:52 AM  
**To:** Hayden, Steven  
**Cc:** Ezeanyim, Richard  
**Subject:** RE: BR, Allison Unit Com #64

This is information that: (1) I don't have available to me anymore like I once had at the Land Office; and (2) was not provided me by the applicant. Could you send me a copy. Thanks.

-----  
**From:** Hayden, Steven  
**Sent:** Tuesday, July 24, 2001 7:50 AM  
**To:** Stogner, Michael  
**Cc:** Ezeanyim, Richard  
**Subject:** BR, Allison Unit Com #64

Mike,

The acreage shown in ONGARD for this section must be averaged. The 1063 dependent resurvey plat for T32N, R6W shows the same figures as the surveyor has on the plat. This gives a distance from the corner of 675.232... If you then take into account that the south half of the eastern section boundary has an azimuth of 0°, 32', the distance will increase by an infinitesimal amount.

What this leads to is that this is a standard location for the Mesaverde.

The Dakota is still NSL and no reasons have been given in the application, as you said earlier.

<<OLE Object: Image Document>>

Steve Hayden	<a href="mailto:shayden@state.nm.us">shayden@state.nm.us</a>
NM OCD District III	(505) 334-6178 Ext. 14
1000 Rio Brazos Rd.	Fax: (505) 334-6170
Aztec, NM 87410	

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 23, 2001 4:41 PM  
**To:** Hayden, Steven  
**Cc:** Ezeanyim, Richard  
**Subject:** RE: Burlington's Allison Unit Com. #64

I calculate this location to be 593' from the NW/4 SW/4, based on ONGARD data on the Section and survey. I can't go on the figures given on the C-102 because the southern portions of Section 8 and 9 would not be standard S/2 dedication as shown on ONGARD. My figures show that this well is unorthodox for both the MV and Dk. I'm still heading in this direction and besides they never said why they HAD to be unorthodox anyway.

-----  
**From:** Hayden, Steven  
**Sent:** Monday, July 23, 2001 3:45 PM  
**To:** Stogner, Michael  
**Cc:** Ezeanyim, Richard  
**Subject:** RE: Burlington's Allison Unit Com. #64

Mike,  
If I have the boundary for the Allison unit right, this well is 675 from the corner (NW corner, SW/4) in Section 9 and is standard for the MV, although NSL for Basin Dakota.

Steve

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 23, 2001 12:56 PM  
**To:** Hayden, Steven; Perrin, Charlie  
**Cc:** Chavez, Frank  
**Subject:** Burlington's Allison Unit Com. #64

I just reviewed this application and pursuant to the rules the well is unorthodox in both intervals. I am sending a letter asking why an unorthodox location is essential because there is not explanation in the application.

Any comments.

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION07/23/01 16:33:01  
OGOMES -TPZ2  
PAGE NO: 1

Sec : 19 Twp : 17S Rng : 32E Section Type : NORMAL

1 40.98  Federal owned U A	C 40.00  Federal owned U A	B 40.00  Federal owned U A A	A 40.00  Federal owned U A
2 40.98  Federal owned U A	F 40.00  Federal owned U A	G 40.00  Federal owned U A	H 40.00  Federal owned U A A

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12



CMD :  
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INQUIRE LAND BY SECTION07/23/01 16:33:07  
OGOMES -TPZ2  
PAGE NO: 2

Sec : 19 Twp : 17S Rng : 32E Section Type : NORMAL

3 40.98  Federal owned U A A A	K 40.00  Federal owned U A	J 40.00  Federal owned U A A	I 40.00  Federal owned U A A A A
4 40.98  Federal owned U A A	N 40.00  Federal owned U A	O 40.00  Federal owned U A	P 40.00  Federal owned U A A A A

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/23/01 10:20:38  
OGOMES -TPZ2  
PAGE NO: 1

Sec : 08 Twp : 32N Rng : 06W Section Type : NORMAL

4 18.63  Federal owned U	3 18.68  Federal owned U	2 18.73  Fee owned U	1 18.78  Fee owned U
E 40.00  Federal owned U	F 40.00  Federal owned U A	G 40.00  Fee owned U	H 40.00  Fee owned U

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/23/01 10:20:45  
OGOMES -TPZ2  
PAGE NO: 2

Sec : 08 Twp : 32N Rng : 06W Section Type : NORMAL

L 40.00  Federal owned U	K 40.00  Federal owned U	J 40.00  Federal owned U	I 40.00  <del>Fee owned</del> U A
M 40.00  Federal owned U A A	N 40.00  Federal owned U	O 40.00  Federal owned U A A	P 40.00  Federal <del>owned</del> U

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/23/01 10:21:01  
OGOMES -TPZ2  
PAGE NO: 1

Sec : 09 Twp : 32N Rng : 06W Section Type : NORMAL

4 18.95  Fee owned	3 19.25  Fee owned	2 19.55  Federal owned	1 19.85  Federal owned  A
E 40.00  Fee owned  A	F 40.00  Fee owned	G 40.00  Federal owned	H 40.00  Federal owned

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/23/01 10:21:04  
OGOMES -TPZ2  
PAGE NO: 2

Sec : 09 Twp : 32N Rng : 06W Section Type : NORMAL

L 40.00  Fee owned U	K 40.00  Fee owned U	J 40.00  Federal owned	I 40.00  Federal owned
M 40.00  Federal owned U	N 40.00  Federal owned U A	O 40.00  Federal owned	P 40.00  Federal owned

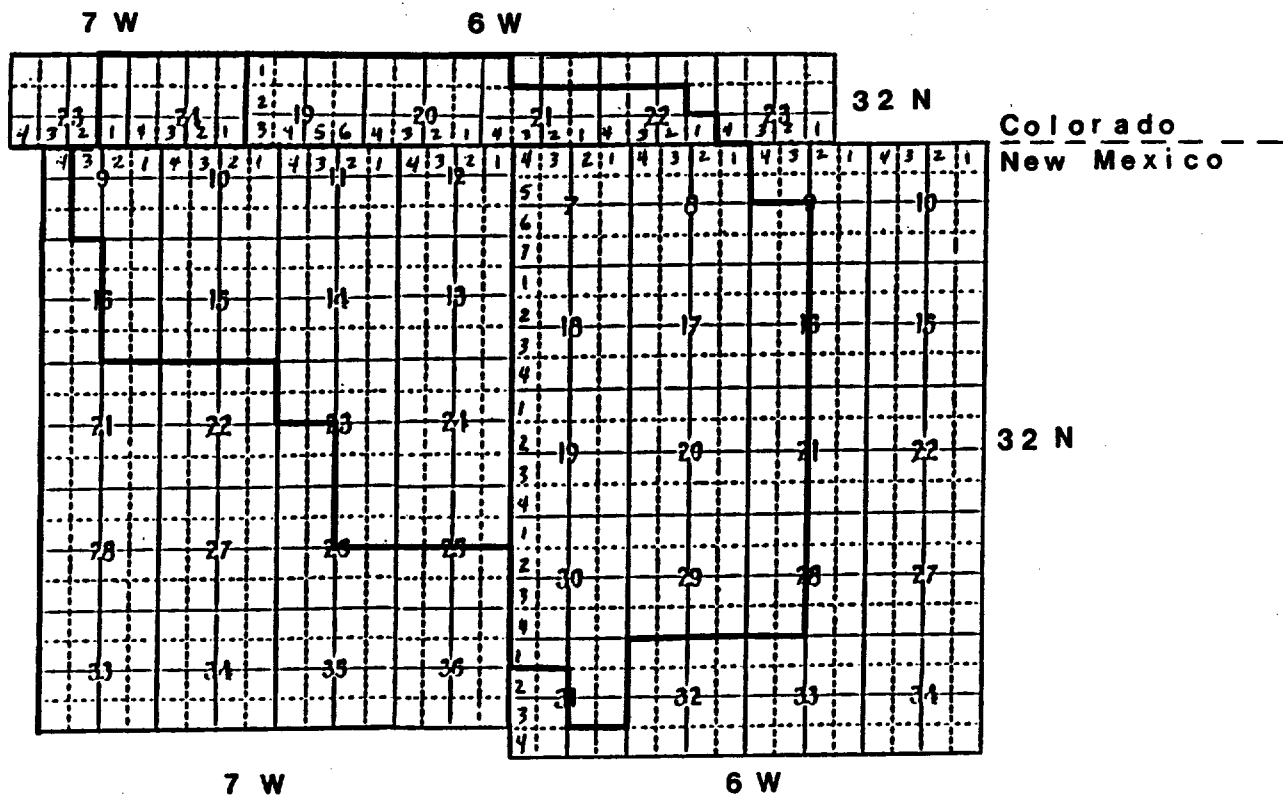
PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

# ALLISON

SAN JUAN COUNTIES  
COLORADO & NEW MEXICO

No. I-Sec. No. 752

EFFECTIVE 8-22-50



gulram, inc.

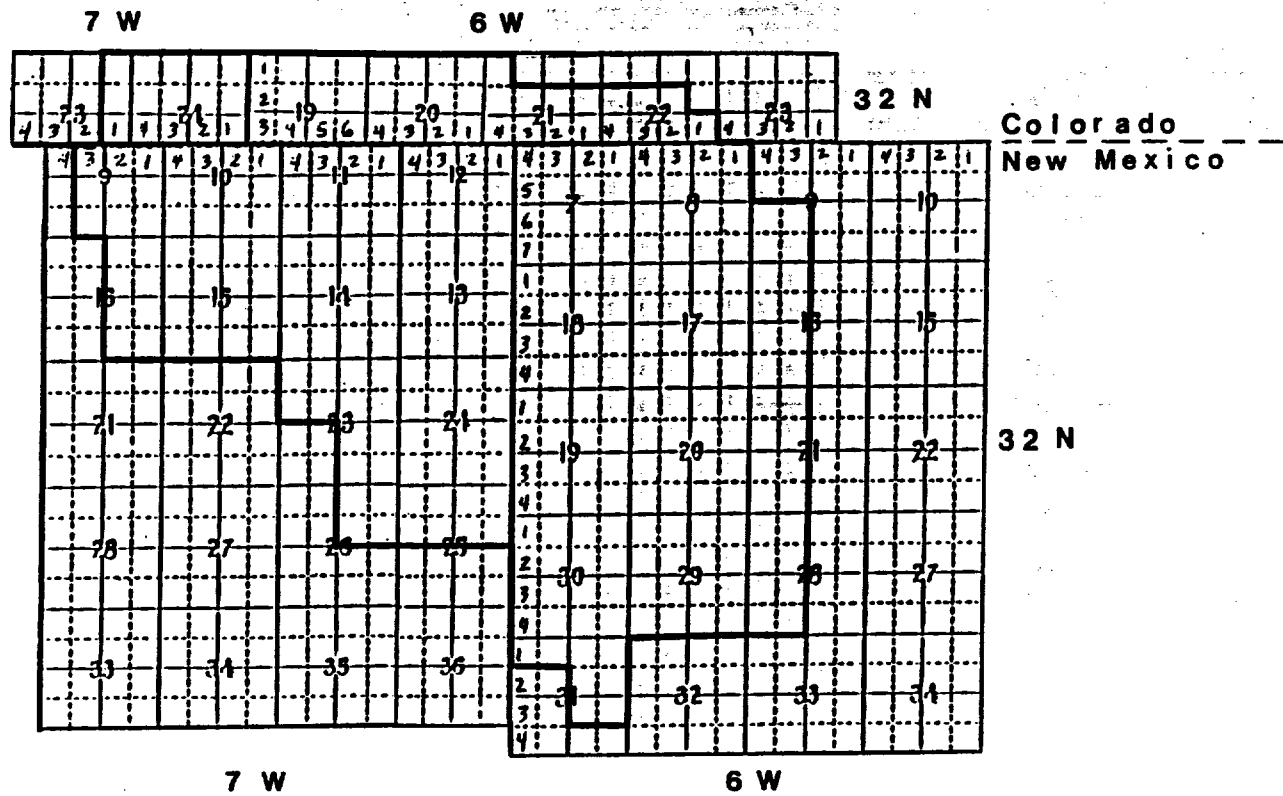
petroleum engineering and government regulation consultants

# ALLISON

SAN JUAN COUNTIES  
COLORADO & NEW MEXICO

No. I-SEC. No. 752

EFFECTIVE 8-22-50



gulram, inc.

petroleum engineering and government regulation consultants

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 7479  
Order No. R-2046-A

APPLICATION OF NORTHWEST PIPELINE  
CORPORATION FOR AMENDMENT OF ORDER  
NO. R-2046, RIO ARriba COUNTY,  
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on February 17, 1982, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 2nd day of March, 1982, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That Division Order No. R-2046 established a large number of non-standard proration units for the Basin-Dakota Gas Pool in Rio Arriba County, New Mexico, including the following:

TOWNSHIP 30 NORTH, RANGE 6 WEST, NMPM

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>
A	339.46	1 E/2 (This unit also contains the SE/4 of Section 36, Township 31 North, Range 6 West)
B	319.69	1 W/2



TOWNSHIP 31 NORTH, RANGE 6 WEST, NMPM

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>
I	337.04	25 E/2 36 NE/4
J	339.46	36 A portion of this unit contains acreage in Township 30 North, Range 6 West, described under that township.

(3) That the applicant, Northwest Pipeline Corporation, seeks the amendment of Division Order No. R-2046, to delete the four non-standard gas proration units described in Finding No. (2) above and to create six new non-standard proration units for wells to be drilled in the Basin-Dakota Pool at standard locations.

(4) That the six new proposed non-standard units consist of the following described acreage:

TOWNSHIP 30 NORTH, RANGE 6 WEST, NMPM

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>
1	272.81	1 N/2
2	273.49	1 S/2

TOWNSHIP 31 NORTH, RANGE 6 WEST, NMPM

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>
3	272.16	25 N/2
4	272.32	25 S/2
5	272.56	36 N/2
6	272.88	36 S/2

(5) That the non-standard proration units may reasonably be presumed productive of gas from the Basin-Dakota Gas Pool and that all of the non-standard gas proration units can be efficiently and economically drained and developed by the aforesaid wells.

(6) That approval of the subject application will afford the applicant the opportunity to produce his just and equitable share of the gas in the Basin-Dakota Pool, will prevent the economic loss caused by the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an

excessive number of wells, and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That Division Order No. R-2046 is hereby amended by deletion therefrom of the four non-standard proration units described in Finding No. (2) of this order.

(2) That six new non-standard proration units for Basin-Dakota production are hereby created and designated in Rio Arriba County, New Mexico, as follows:

TOWNSHIP 30 NORTH, RANGE 6 WEST, NMPM

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>
1	272.81	1 N/2
2	273.49	1 S/2

TOWNSHIP 31 NORTH, RANGE 6 WEST, NMPM

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>
3	272.16	25 N/2
4	272.32	25 S/2
5	272.56	36 N/2
6	272.88	36 S/2

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
JOE D. RAMEY,  
Director

S E A L

CMD : ONGARD 07/23/01 10:35:59  
OG6C101 C101-APPLICATION FOR PERMIT TO DRILL OGOMES -TPZ2

OGRID Idn : 14538 API Well No: 30 45 29810 APD Status(A/C/P): A  
Opr Name, Addr: BURLINGTON RESOURCES OIL & GAS C Aprvl/Cncl Date : 02-12-1999  
801 CHERRY ST  
FT WORTH, TX 76102

Prop Idn: 6785 ALLISON UNIT COM Well No: 64

	U/L	Sec	Township	Range	Lot	Idn	North/South	East/West
Surface Locn	:	I	8	32N	06W		FTG 2065 F S	FTG 145 F E
OCD U/L	:	I	API County : 45					

Work typ(N/E/D/P/A) : N Well typ(O/G/M/I/S/W/C): G Cable/Rotary (C/R) : F  
Lease typ(F/S/P/N/J/U/I): P Ground Level Elevation : 6135

State Lease No: Multiple Comp (S/M/C) : Y  
Prpsd Depth : 7627 Prpsd Frmtn : BLANCO MESAVERDE/BASIN DAKOTA

E0009: Enter data to modify record

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07	PF08	PF09 PRINT	PF10 C102	PF11 HISTORY	PF12

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE No. 2327  
Order No. R-2046

APPLICATION OF THE OIL CONSERVATION  
COMMISSION ON ITS OWN MOTION TO CON-  
SIDER ESTABLISHING NON-STANDARD GAS  
PRORATION UNITS IN THE BASIN-DAKOTA  
GAS POOL IN CERTAIN PARTIAL SECTIONS,  
SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 28, 1961, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 14th day of August, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That, in order to ensure systematic development and thereby prevent waste and protect correlative rights, the Commission should establish individual proration units in the Basin-Dakota Gas Pool in Townships 29, 30, 31 and 32 North, Ranges 4, 5, 6, 7, 8, 9, 11, 12 and 13 West, NMPM, San Juan County, New Mexico.

(3) That said non-standard proration units are necessitated by irregular sections resulting from survey corrections in the United States Public Lands Survey.

(4) That the acreage contained in each individual proration unit should be based on the latest official surveys and resurveys accepted by the Federal Bureau of Land Management.

-2-  
CASE No. 2327  
Order No. R-2046

IT IS THEREFORE ORDERED:

(1) That the following-described non-standard gas proration units in the Basin-Dakota Gas Pool, San Juan County, New Mexico, are hereby established:

TOWNSHIP 29 NORTH, RANGE 9 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	264.00	6	N/2
B	334.14	6	S/2
		7	N/2 N/2 N/2
C	336.66	7	S/2 N/2 N/2, S/2 N/2, N/2 S/2
D	331.68	7	S/2 S/2
		18	N/2 N/2, N/2 S/2 N/2
E	330.98	18	S/2 S/2 N/2, S/2
F	409.24	19	N/2, N/2 S/2
G	407.56	19	S/2 S/2
		30	N/2
H	268.42	30	S/2
I	251.72	31	N/2
J	251.01	31	S/2

TOWNSHIP 29 NORTH, RANGE 13 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	356.19	6	W/2
		7	W/2
B	364.60	18	W/2
		19	W/2
C	366.40	30	W/2
		31	W/2

TOWNSHIP 30 NORTH, RANGE 6 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
<del>A</del>	339.46	1	E/2 (This unit also contains the SE/4 of Section 36, Township 31 North, Range 6 West)
<del>B</del>	319.59	1	W/2
C	227.48	12	E/2
D	227.76	13	E/2
E	228.52	24	E/2
F	229.56	25	E/2
G	230.24	36	E/2

TOWNSHIP 30 NORTH, RANGE 7 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	296.02	6	A portion of this unit contains acreage in Section 31, Township 31 North, Range 7 West described under that Township.
B	298.90	7	W/2
		18	NW/4
C	307.44	18	SW/4
		19	W/2
D	209.36	30	W/2
E	211.32	31	W/2

TOWNSHIP 30 NORTH, RANGE 9 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	299.85	6	W/2
		7	NW/4
B	304.39	7	SW/4
		18	W/2

TOWNSHIP 30 NORTH, RANGE 9 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
C	310.56	19	W/2
		30	NW/4
D	308.56	30	SW/4
		31	W/2

TOWNSHIP 30 NORTH, RANGE 13 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	321.99	6	Lots 3, 4, 5, 6, SE/4 NW/4, NE/4 SW/4. (This unit also contains acreage in Section 31, Township 31 North, Range 13 West consisting of Lots 1, 2, 3, 4, E/2 W/2.)
B	324.79	6	Lot 7, SE/4 SW/4
		7	W/2
		18	NW/4
C	314.60	18	SW/4
		19	W/2
		30	NE/4 NW/4
D	317.19	30	Lots 8, 9, 10, 13, 14, 15, 16
		31	W/2

TOWNSHIP 31 NORTH, RANGE 4 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	331.82	1	E/2
B	327.26	1	W/2
C	326.90	2	E/2
D	326.62	2	W/2
E	326.52	3	E/2

-5-  
CASE No. 2327  
Order No. R-2046

# ILLEGIBLE

## TOWNSHIP 31. NORTH, RANGE 4 WEST - (CONTINUED)

<u>Tract</u>	<u>Acresage</u>	<u>Section</u>	
F	326.60	3	W/2
G	326.57	4	E/2
H	326.43	4	W/2
I	326.49	5	E/2
J	326.69	5	W/2
K	316.40	6	N/2
L	305.44	6	S/2
M	303.67	7	N/2
N	305.69	7	S/2
O	306.11	18	N/2
P	306.33	18	S/2
Q	306.53	19	N/2
R	306.71	19	S/2
S	306.90	30	N/2
T	307.10	30	S/2
U	307.31	31	N/2
V	307.53	31	S/2

## TOWNSHIP 31. NORTH, RANGE 5 WEST

<u>Tract</u>	<u>Acresage</u>	<u>Section</u>	
A	368.00	1	All
B	368.60	2	All
C	368.60	3	All
D	368.10	4	All
E	367.80	5	All



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CASE No. 2327

Order No. R-2046

TOWNSHIP 31 NORTH, RANGE 5 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
F	336.42	6	All
		7	NW/4
G	323.79	7	SW/4
		18	W/2
		19	NW/4, N/2 SW/4
H	327.63	19	S/2 SW/4
		30	W/2
		31	W/2

TOWNSHIP 31 NORTH, RANGE 6 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	319.44	1	All
		12	NE/4 NE/4
B	356.26	2	All
C	353.00	3	All
		4	That portion of Tract 37 lying in Section 4.
D	343.23	4	All, except that portion of Tract 37 lying in this section.
E	350.16	5	All
F	351.89	6	All
G	318.50	12	SE/4, W/2 NE/4, SE/4 NE/4
		13	NE/4
H	335.66	13	SE/4
		24	E/2

TOWNSHIP 31 NORTH, RANGE 6 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
<del>I</del>	<del>337.04</del>	25	E/2
		36	NE/4
<del>J</del>	<del>339.46</del>	36	A portion of this unit contains acreage in Township 30 North, Range 6 West described under that Township.

TOWNSHIP 31 NORTH, RANGE 7 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	367.08	1	All
B	310.48	2	Lot 8, E/2, E/2 W/2
C	324.82	2	W/2 SW/4
		3	E/2, SE/4 SW/4
D	318.57	3	Lot 7, NE/4 SW/4, W/2 W/2
		4	E/2 E/2, SW/4 SE/4
E	323.15	4	Lot 6, NW/4 SE/4, W/2
		5	Lot 5
F	321.66	5	Lots 6, 7, 8, E/2 SW/4, SE/4
G	319.16	5	Tract No. 53, Lot 9
		6	Lots 8, 9, 10, 11, NE/4 SW/4, N/2 SE/4
H	324.39	5	SW/4 SW/4
		6	Lots 12, 14, 15, S/2 SE/4
		7	Lot 5, N/2 NE/4, SE/4 NE/4
I	317.23	7	Lots 6, 7, SW/4 NE/4, N/2 SE/4. All of Tract 54 lying in Sections 6 and 7.
J	325.68	7	Lots 8 and 9, SE/4 SE/4, that portion of Tract 55 lying in this section.

TOWNSHIP 31 NORTH, RANGE 7 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
		18	Lots 5, 6, 7, NE/4 NE/4, S/2 NE/4, that portion of Tract 55 lying in this section.
K	321.61	18	Lots 8, 9, 10, SE/4 NW/4, E/2 SW/4, SE/4
L	259.82	19	Lots 5, 6, 7, 8, E/2 W/2
		30	Lot 5, NE/4 NW/4
M	250.65	30	Lots 6, 9, 10, SE/4 NW/4, E/2 SW/4
		31	Lots 7, 8, E/2 NW/4
N	296.02	31	Lots 11, 12, E/2 SW/4. The balance of this Tract lies in Section 6, Township 30 North, Range 7 West and consists of Lots 10, 11, 12, 17, 18, 19, NW/4 SE/4, SW/4 NE/4, and the portion of Tract 40 lying in the SW/4 SE/4 of that section.

TOWNSHIP 31 NORTH, RANGE 13 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	322.36	6	W/2
		7	NW/4, N/2 SW/4
B	315.59	7	S/2 SW/4
		18	W/2
		19	Lots 9, 16, N/2 NW/4
C	329.75	19	Lot 17, E/2 SW/4, SE/4 NW/4
		30	W/2
D	321.99	31	A portion of this unit contains acreage in Township 30 North, Range 13 West described under that Township.

TOWNSHIP 32 NORTH, RANGE 5 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	353.24	12	W/2, E/2 SW/4
B	354.65	12	NW/4, W/2 SW/4
		11	N/2 NE/4, SE/4 NE/4, E/2 SE/4
C	336.52	11	NW/4, SW/4 NE/4, E/2 SW/4, W/2 SE/4
		10	NE/4 NE/4
D	339.10	11	W/2 SW/4
		10	NW/4 NE/4, S/2 NE/4, SE/4
E	278.70	10	W/2
F	339.54	9	E/2 E/2, SW/4 NE/4, W/2 SE/4, E/2 SW/4
G	338.84	9	NW/4 NE/4, NW/4, W/2 SW/4
		8	SE/4 NE/4, E/2 SE/4
H	319.74	8	N/2 NE/4, SW/4 NE/4, SE/4 NW/4, SW/4 SW/4, E/2 SW/4, W/2 SE/4
I	316.14	8	N/2 NW/4, SW/4 NW/4, NW/4 SW/4
		7	All. The SE/4 SE/4 of Section 12, Township 32 North, Range 6 West is also contained in this unit.
J	355.25	18	All
		19	All
K	345.59	30	All
		31	All

TOWNSHIP 32 NORTH, RANGE 6 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	336.31	12	NE/4, E/2 NW/4, NE/4 SW/4, N/2 SE/4, SW/4 SE/4
B	356.82	12	SE/4 SW/4, W/2 W/2

-10-  
CASE No. 2327  
Order No. R-2046

TOWNSHIP 32 NORTH, RANGE 6 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
		11	E/2 E/2, SW/4 SE/4
C	334.45	11	W/2 NE/4, NW/4, N/2 SW/4, SE/4 SW/4, NW/4 SE/4
D	338.25	10	E/2 E/2, SW/4 NE/4, W/2 SE/4, SE/4 SW/4
E	337.75	10	NW/4 NE/4, NW/4, N/2 SW/4, SW/4 SW/4
		9	E/2 SE/4
F	317.60	9	N/2, W/2 SE/4
G	317.51	9	SW/4
		8	E/2 E/2, NW/4 NE/4
H	320.00	8	SW/4 NE/4, SE/4 NW/4, SW/4, W/2 SE/4
I	308.78	8	N/2 NW/4, SW/4 NW/4
		7	N/2
J	318.27	7	S/2
K	318.39	31	N/2 N/2, S/2 NE/4, N/2 SE/4
L	315.12	31	S/2 NW/4, SW/4, S/2 SE/4

TOWNSHIP 32 NORTH, RANGE 7 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	293.10	7	Lots 2, 3, 4, SW/4, W/2 SE/4
B	298.38	7	E/2 E/2
		8	W/2
C	298.33	8	W/2
		9	W/2 W/2
D	376.88	9	E/2 W/2, E/2
		10	Lots 3, 4, NW/4 SW/4

TOWNSHIP 32 NORTH, RANGE 7 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
E	357.84	10	Lots 1, 2, NE/4 SW/4, S/2 SW/4, SE/4
		11	Lots 3, 4
F	359.20	11	Lots 1, 2, S/2
G	399.00	12	All

TOWNSHIP 32 NORTH, RANGE 8 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	312.63	7	Lots 1, 2, 3, 4, N/2 S/2, S/2 SE/4
		8	Lot 4, NW/4 SW/4
B	323.88	8	Lots 1, 2, 3, NE/4 SW/4, S/2 SW/4, SE/4
C	329.16	9	Lots 2, 3, 4, SE/4 SE/4, W/2 SE/4, SW/4
D	311.79	9	Lot 1, NE/4 SE/4
		10	Lot 2, W/2, NW/4 SE/4
E	317.34	10	E/2 E/2, SW/4 SE/4
		11	W/2 W/2, E/2 SW/4
F	328.17	11	Lots 1, 2, 3, SE/4
		12	W/2 W/2
G	305.18	12	E/2 W/2, E/2
H	312.56	7	S/2 SW/4
		18	W/2
		19	W/2 NW/4
I	316.35	19	E/2 NW/4, SW/4
		30	NW/4, NW/4 SW/4
J	316.70	30	NE/4 SW/4, S/2 SW/4
		31	W/2

TOWNSHIP 32 NORTH, RANGE 11 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	332.27	7	All
B	327.80	8	W/2
		17	W/2 W/2
C	328.20	8	E/2
		17	E/2 E/2
D	320.00	17	E/2 W/2, W/2 E/2
E	336.40	9	All
F	335.60	10	All
G	334.00	11	All
H	333.60	12	All

TOWNSHIP 32 NORTH, RANGE 12 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	335.38	7	All
B	309.43	8	All
C	280.38	9	All
D	326.68	10	All
E	336.40	11	All
F	336.00	12	All

TOWNSHIP 32 NORTH, RANGE 13 WEST

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
A	363.83	7	All
		8	W/2, W/2 E/2
B	339.80	8	E/2 E/2
		9	All
		10	SW/4 SW/4

TOWNSHIP 32 NORTH, RANGE 13 WEST - (CONTINUED)

<u>Tract</u>	<u>Acreage</u>	<u>Section</u>	
C	336.95	10	Lot 8, E/2 W/2, E/2
		11	Lot 6, W/2
D	345.89	11	Lot 5, S/2 SE/4
		12	All
E	325.32	18	Lot 13, N/2, NW/4 SE/4
F	321.40	18	NE/4 SE/4, S/2 S/2
		19	N/2 N/2, SE/4 NE/4
G	320.48	19	Lots 8, 13, 14, SW/4 NE/4, SE/4
H	335.02	30	Lot 13, NW/4 SE/4, N/2
I	325.85	30	Lot 14, NE/4 SE/4, S/2 SE/4
		31	Lot 6, SE/4 NE/4, N/2 NE/4
J	328.45	31	Lot 7, SW/4 NE/4, S/2

(2) That the acreage contained in each of the above-described proration units shall be based on the latest official surveys and resurveys accepted by the Federal Bureau of Land Management, and, in the event further official surveys are made in any subject Township, the acreage in each affected proration unit shall conform to the change.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

E A L

A. L. PORTER, Jr., Member & Secretary