



# BURLINGTON RESOURCES

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SAN JUAN DIVISION

February 16, 1998  
SENT FEDERAL EXPRESS

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

Re: San Juan 30-6 Unit #34A  
490'FNL, 2340'FWL Section 10, T-30-N, R-6-W, Rio Arriba County  
API # 30-039-not assigned

Dear Ms. Wrotenbery:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Dakota pool. Approval was granted September 20, 1997 by the New Mexico Oil Conservation Division for NSL-3873 to drill and complete a well in the Mesa Verde pool at this location. It is now intended to drill and dually complete this well in both the Mesa Verde and Dakota pools. The original application for the referenced location was due to the road closure area, terrain, and the presence of extensive archaeology.

Production from the Basin Dakota pool is to be included in a 320 acre gas spacing and proration unit ("GPU") comprising of the West Half (W/2) of Section 10, T-30-N, R-6-W, Rio Arriba County, New Mexico.

The following attachments are for your review:

- Application for Permit to Drill.
- Completed C-102 at referenced location.
- Offset operators/owners plat and certification.
- 7.5 minute topographic map showing the orthodox windows, and enlargement of the map to define topographic features.

Three copies of this application are being submitted to all offset owners/ operators by certified mail with a request that they furnish you with a Waiver of Objection, return one copy to this office, and retain one copy for their file.

We appreciate your earliest consideration of this application.

Sincerely,

  
Peggy Bradfield  
Regulatory/Compliance Administrator

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

**WAIVER**

\_\_\_\_\_ hereby waives objection to Burlington Resources' application for a non-standard location for their San Juan 30-6 Unit #34A as proposed above.

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

xc: Phillips Petroleum

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

<p>1. <b>Type of Well</b> GAS</p>	<p>5. <b>Lease Number</b> SF-080714A</p>
	<p>6. <b>If Indian, All. or Tribe Name</b></p>
	<p>7. <b>Unit Agreement Name</b></p>
<p>2. <b>Name of Operator</b> <b>BURLINGTON RESOURCES</b> OIL &amp; GAS COMPANY</p>	<p>8. <b>Well Name &amp; Number</b> San Juan 30-6 Unit <b>San Juan 30-6 U #34A</b></p>
<p>3. <b>Address &amp; Phone No. of Operator</b> PO Box 4289, Farmington, NM 87499 (505) 326-9700</p>	<p>9. <b>API Well No.</b> 30-039-</p>
<p>4. <b>Location of Well, Footage, Sec., T, R, M</b> 490' FNL, 2340' FWL, Sec.10, T-30-N, R-6-W, NMPM</p>	<p>10. <b>Field and Pool</b> Blanco MV/Basin DK</p>
	<p>11. <b>County and State</b> Rio Arriba Co, NM</p>

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

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 checked="" type="checkbox"/> Other -	

13. **Describe Proposed or Completed Operations**

An application for permit to drill has been submitted for the subject well as a single Mesaverde. It is now intended to drill and complete the well as a Mesaverde Dakota dual. A revised C-102 well location plat is attached. The new proposed total depth is now 7779'. The revised casing and cementing program is as follows: a 5 1/2" 15.5# K-55 flushjoint liner will be run from 3294-7779'. The 5 1/2" production liner will be cemented as follows: cement to cover a minimum of 100' of 5 1/2" x 7" overlap with 227 sx Class "B" 50/50 poz w/2% gel, 5 pps Gilsonite, 0.25 pps Cellophane, 0.4% fluid loss additive (302 cu.ft., 40% excess cement). WOC a minimum of 18 hours prior to completion. A cement float shoe will be run on bottom with float collar on top of the shoe joint. Note: to facilitate higher hydraulic stimulation, no liner hanger will be used. Instead, a longstring of 5 1/2" casing will be run and cemented with a minimum of 100' of cement overlap between the 5 1/2" and 7" casing strings. After completion of the well, a 5 1/2" CIBP will be set above the last fracturing job to cut and pull the 5 1/2" casing above the 7" casing shoe. The 5 1/2" bridge plug will then be milled and two strings of tubing with a packer will be run for a dual completion.

A variance is requested from Onshore Order #2, III, B. The casing collar clearance in the 5 1/2" flushjoint/6 1/4" hole will be 0.375", a 0.047" variance.

14. I hereby certify that the foregoing is true and correct.

Signed *[Signature]* (KASPUD) Title Regulatory Administrator Date 2/12/98

(This space for Federal or State Office use)  
 APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
 CONDITION OF APPROVAL, if any:

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, 1997  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Cop  
Fee Lease - 3 Cop

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-039-		<sup>2</sup> Pool Code 72319/71599		<sup>3</sup> Pool Name Blanco Mesaverde/Basin Dakota	
<sup>4</sup> Property Code 7469		<sup>5</sup> Property Name San Juan 30-6 Unit			<sup>6</sup> Well Number 34A
<sup>7</sup> OGRID No. 14538		<sup>8</sup> Operator Name Burlington Resources Oil & Gas Company			<sup>9</sup> Elevation 6267'

<sup>10</sup>Surface Location

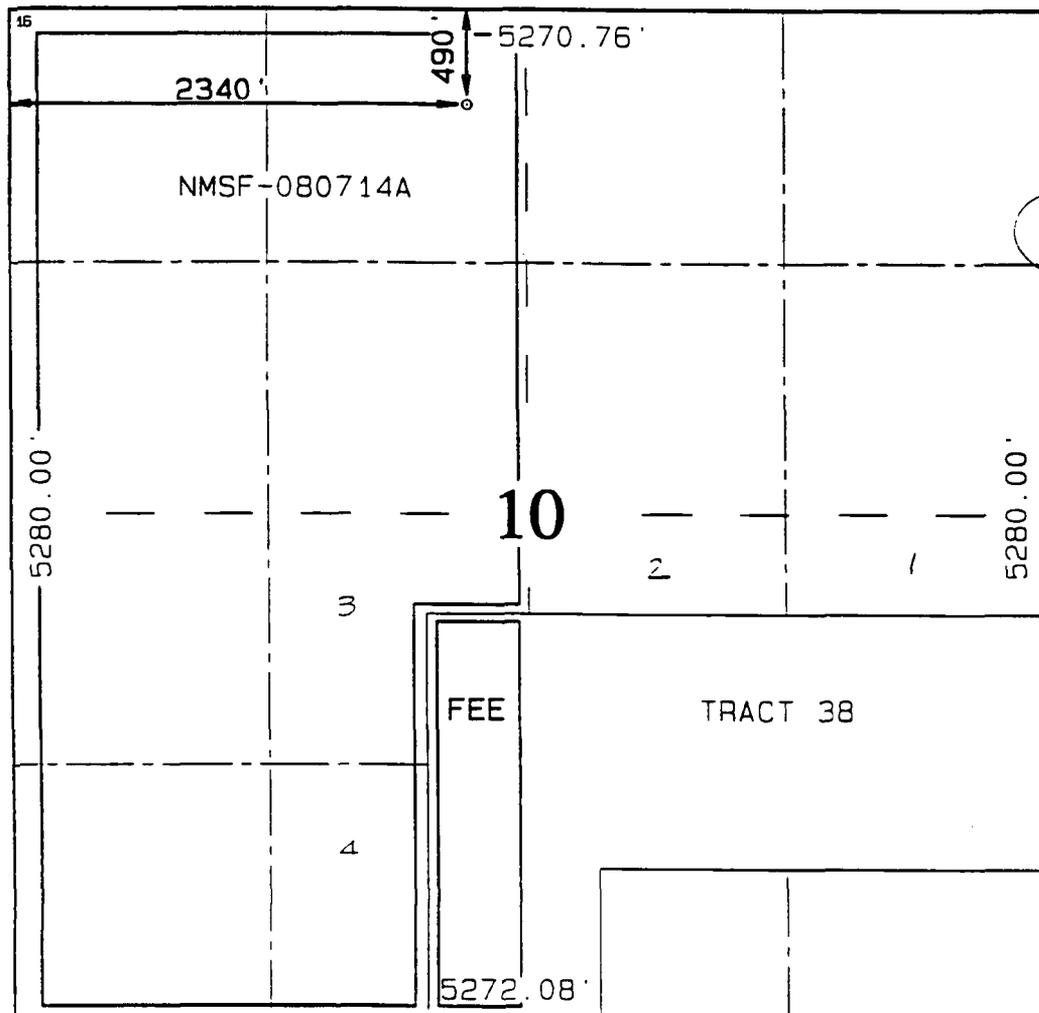
UL or lot no.	Section	Township	Range	Lot Ion	Feet from the	North/South line	Feet from the	East/West line	County
C	10	30N	6W		490	North	2340	West	Rio Arriba

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

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

<sup>12</sup> Dedicated Acres MV-W/320 DK-W/320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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



<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 Bradfield*  
Signature  
Peggy Bradfield

Printed Name  
Regulatory Administrator  
Title  
2/11/98  
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 by me or under my supervision, and that the same is true and correct to the best of my belief.

JUNE 30, 1999  
Date of Survey  
Signature and Seal of Professional Surveyor  
**NEALE G. EDWARDS**  
NEW MEXICO  
6857  
REGISTERED PROFESSIONAL SURVEYOR  
6857  
Certificate Number

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

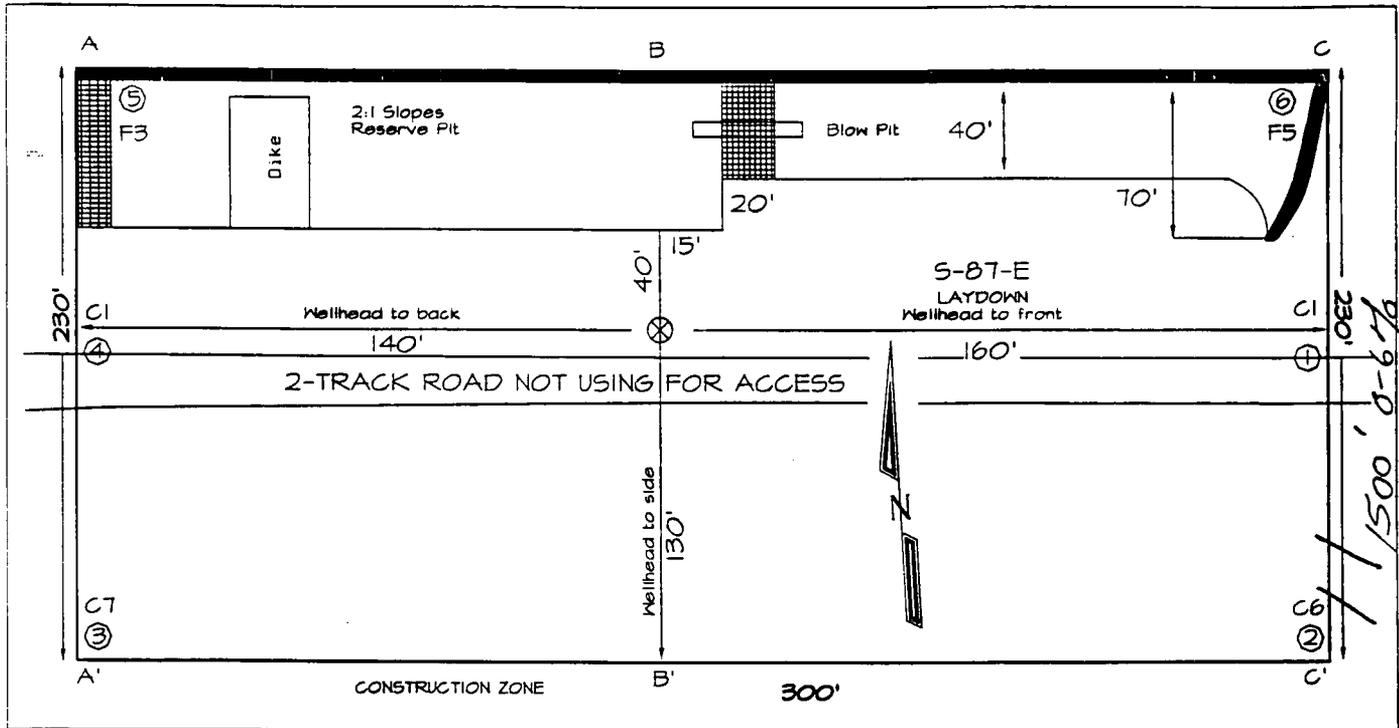
1a. Type of Work DRILL	5. Lease Number SF-080714A Unit Reporting Number 8910005380	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator <b>BURLINGTON RESOURCES</b> Oil & Gas Company	7. Unit Agreement Name San Juan 30-6 Unit	
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499  (505) 326-9700	8. Farm or Lease Name San Juan 30-6 Unit 9. Well Number 34A	
4. Location of Well 490' FNL, 2340' FWL  Latitude 36° 49.9, Longitude 107° 27.0	10. Field, Pool, Wildcat Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) Sec 10, T-30-N, R-7-W API # 30-039-	
14. Distance in Miles from Nearest Town 8 miles to Gobernador	12. County Rio Arriba	13. State NM
15. Distance from Proposed Location to Nearest Property or Lease Line 490'	17. Acres Assigned to Well 320 W/2	
16. Acres in Lease	20. Rotary or Cable Tools Rotary	
18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease 1200'	22. Approx. Date Work will Start	
19. Proposed Depth 5859'		
21. Elevations (DF, FT, GR, Etc.) 6267' GR		
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by:  Regulatory/Compliance Administrator	8-19-97 Date	

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Archaeological Report submitted  
Threatened and Endangered Species Report submitted by Ecosphere  
NOTE: Notice of Staking 8-1-97

**PLAT #1**

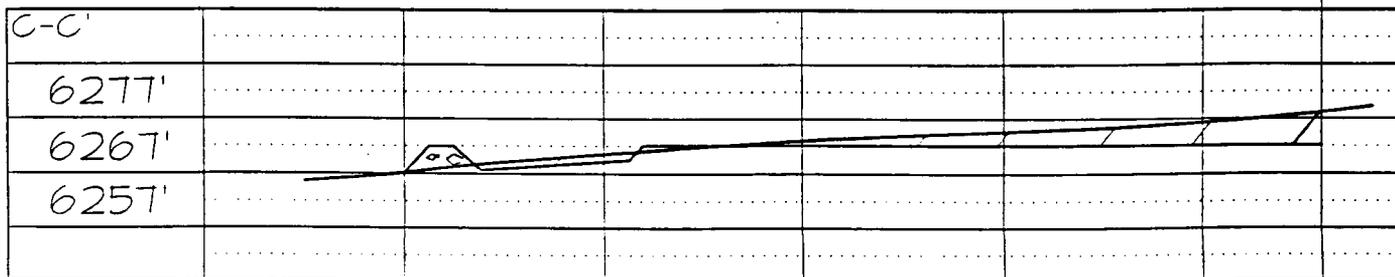
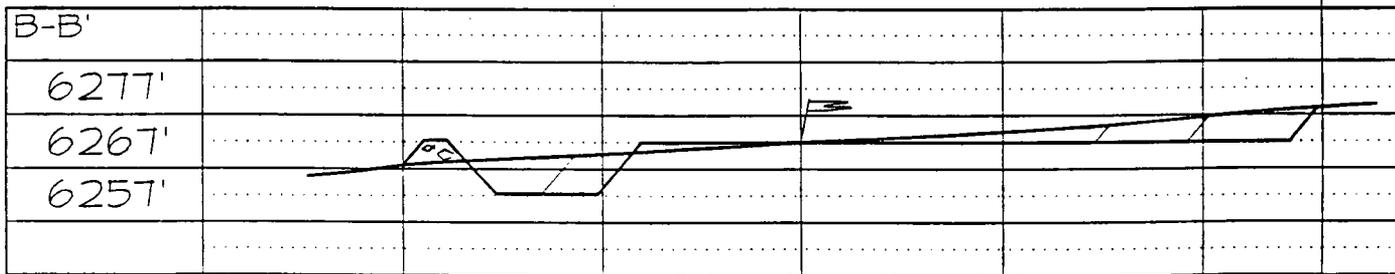
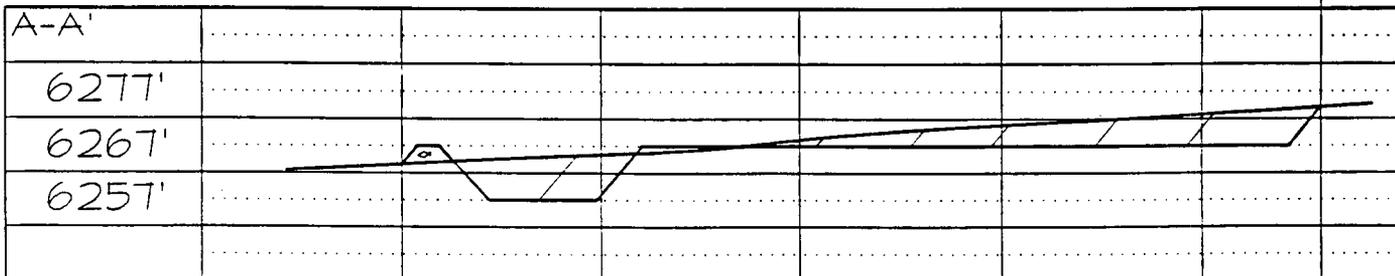
**BURLINGTON RESOURCES OIL & GAS COMPANY**  
**SAN JUAN 30-6 UNIT #34A, 490' FNL & 2340' FWL**  
**SECTION 10, T30N, R6W, NMPM, RIO ARriba COUNTY, NEW MEXICO**  
**GROUND ELEVATION: 6257' DATE: JULY 08, 1997**



230' x 300'

(330' x 400') = 3.03 ACRES

Reserve Pit Dike: to be 8' above Deep side (overflow - 3' wide and 1' above shallow side).  
 Blow Pit: overflow pipe halfway between top and bottom and to extend over plastic liner and into blow pit



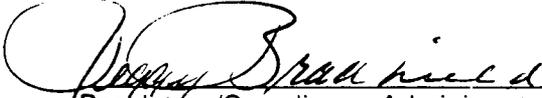
Note: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cat on well pad and/or access road at least two (2) working days prior to construction

# ***BURLINGTON RESOURCES***

San Juan 30-6 Unit #34A  
Multi-Point Surface Use Plan

1. Existing Roads - Refer to Map No. 1. Existing roads used to access the proposed location will be properly maintained for the duration of the project. Bureau of Land Management right-of-way has been applied for as shown on Map No. 1.
2. Planned Access Road - Refer to Map No. 1. The required new access road is shown on Map No. 1. The gradient, shoulder, crowning and other design elements will meet or exceed those specified by the responsible government agency. The new access road surface will not exceed twenty feet (20') in width. No additional turnarounds or turnouts will be required. Upon completion of the project, the access road will be adequately drained to control soil erosion. Approximately 1500' of access road will be constructed. Pipelines are indicated on Map No. 1A.
3. Location of Existing Wells - Refer to Map No. 1A.
4. Location of Existing and/or Proposed Facilities if Well is Productive -
  - a. On the Well Pad - Refer to Plat No. 1, anticipated production facilities plat.
  - b. Off the Well Pad - Anticipated pipeline facilities as shown on the attached plat from Williams Field Service.
5. Location and Type of Water Supply - Water will be hauled by truck for the proposed project and will be obtained LaJara Water Hole located SW/4 Section 11, T-30-N, R-6-W, New Mexico.
6. Source of Construction Materials - If construction materials are required for the proposed project, such materials will be obtained from a commercial quarry.
7. Methods of Handling Waste Materials - All garbage and trash materials will be removed from the site for proper disposal. A portable toilet will be provided for human waste and serviced in a proper manner. If liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying waste materials into the watershed. Reserve pits will be lined as needed with either 12 mil bio-degradable plastic liner or a bentonite liner. All earthen pits will be so constructed as to prevent leakage from occurring; no earthen pit will be located on natural drainage. Generation of hazardous waste is not anticipated. Federal regulations will be adhered to regarding handling and disposal of such waste if so generated.
8. Ancillary Facilities - None anticipated.
9. Wellsite Layout - Refer to the location diagram and to the wellsite cut and fill diagram (Figure No. 4). The blow pit will be constructed with a 2'/160' grade to allow positive drainage to the reserve pit and prevent standing liquids in the blow pit.

10. Plans for Restoration of the Surface - After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Seed mixture as designated by the responsible government agency will be used. The reseeding operations will be performed during the time period set forth by the responsible government agency. The permanent location facilities will be painted as designated by the responsible government agency.
11. Surface Ownership - Bureau of Land Management
12. Other Information - Environmental stipulations as outlined by the responsible government agency will be adhered to. Refer to the archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.
13. Operator's Representative and Certification - Burlington Resources Oil & Gas Company Regional Drilling Manager, Post Office Box 4289, Farmington, NM 87499, telephone (505) 326-9700. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan, are to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Burlington Resources Oil and Gas Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

 8-19-97  
(Regulatory/Compliance Administrator Date

pb

**BURLINGTON RESOURCES OIL AND GAS COMPANY**

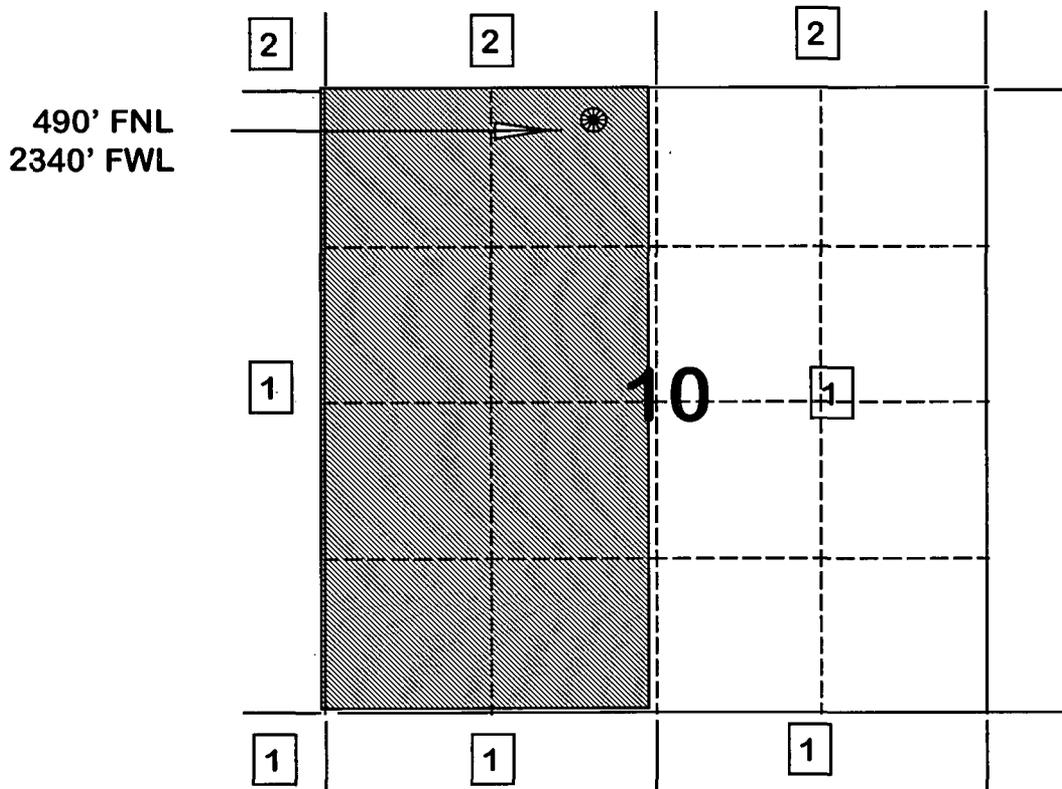
**San Juan 30-6 Unit #34A**

**OFFSET OPERATOR \ OWNER PLAT**

**Non Standard Location**

**Dakota Formation Well**

**Township 30 North, Range 6 West**



- 1) Burlington Resources
- 2) Phillips Petroleum Company  
5525 Hwy 64, NBU 3004  
Farmington, NM 87401

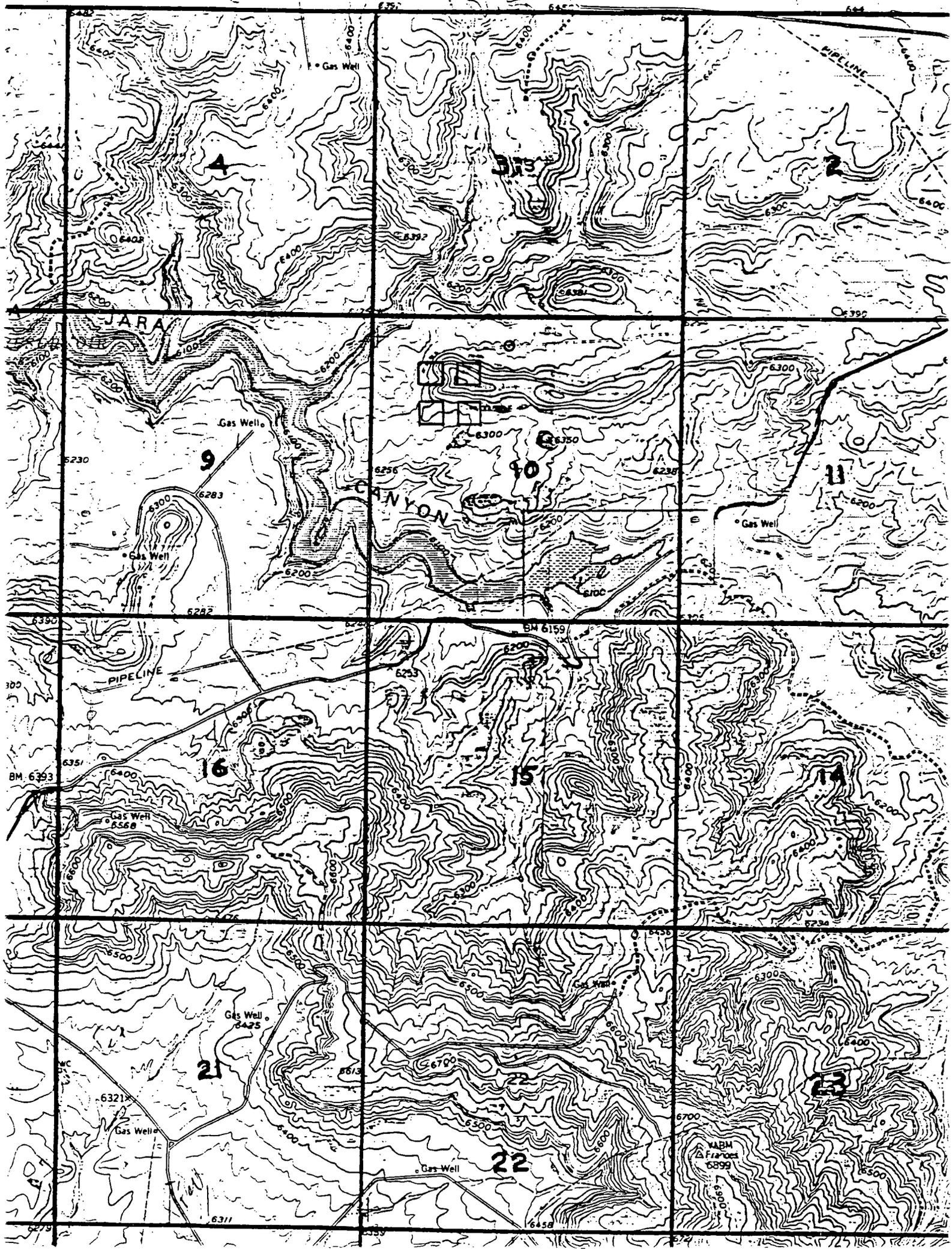
Re: San Juan 30-6 Unit #34A  
490'FNL, 2340'FWL Section 10, T-30-N, R-6-W, Rio Arriba County  
API # 30-039-not assigned

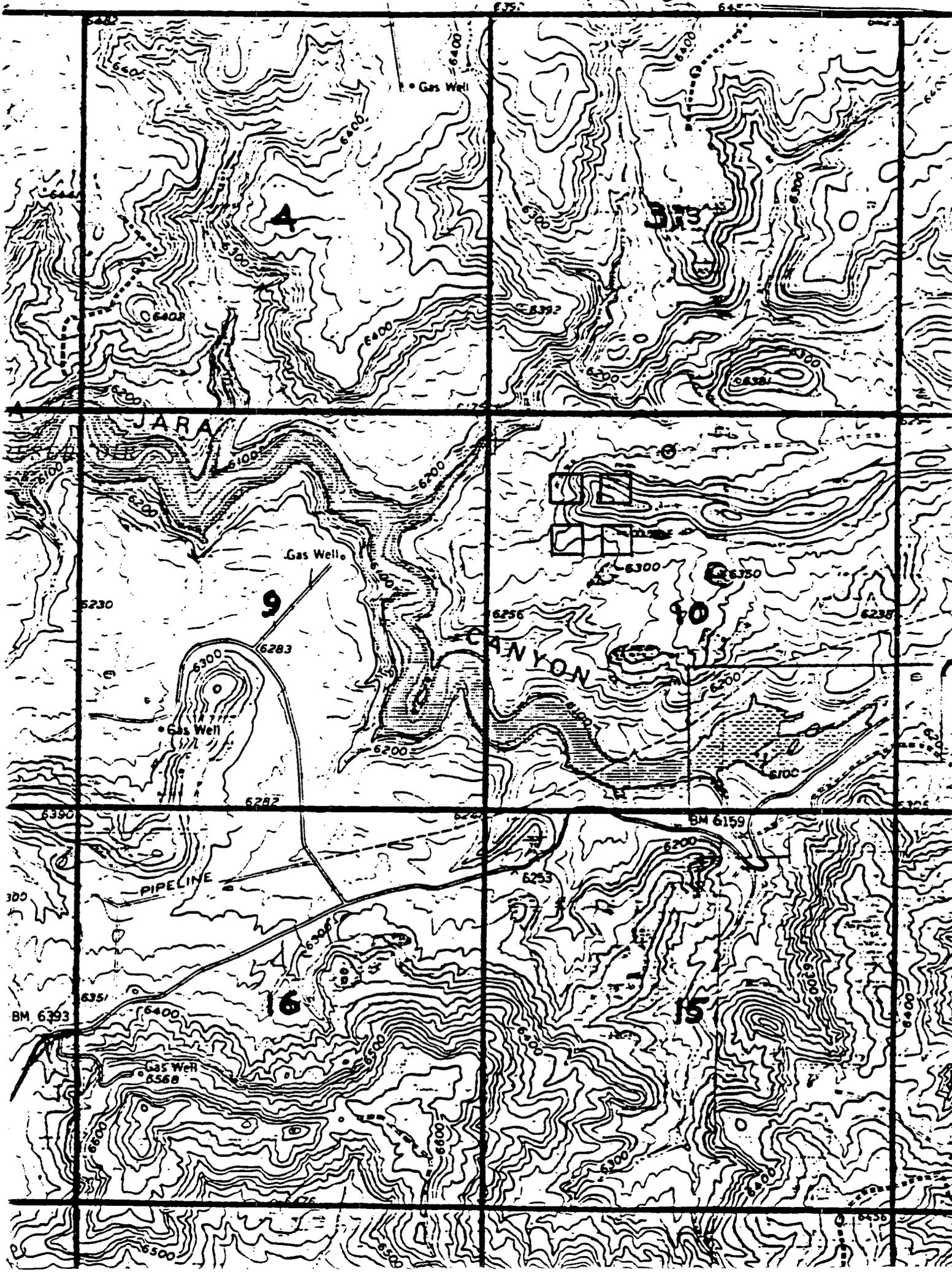
I hereby certify that the following offset operators/owners have been mailed notification of our application for non-standard location to drill the referenced well.

Phillips Petroleum  
5525 Highway 64, NBU 3004  
Farmington, NM 87401

A handwritten signature in cursive script, appearing to read "Peggy Bradfield".

Peggy Bradfield  
Regulatory/Compliance Administrator





NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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September 20, 1997

**MERIDIAN OIL**

SEP 29 1997

**Burlington Resources Oil & Gas Company**  
**P.O. Box 4289**  
**Farmington, New Mexico 87499-4289**  
**Attention: Peggy Bradfield**

**FARMINGTON, NEW MEXICO**  
**REGULATORY**

*Administrative Order NSL-3873*

Dear Ms. Bradfield:

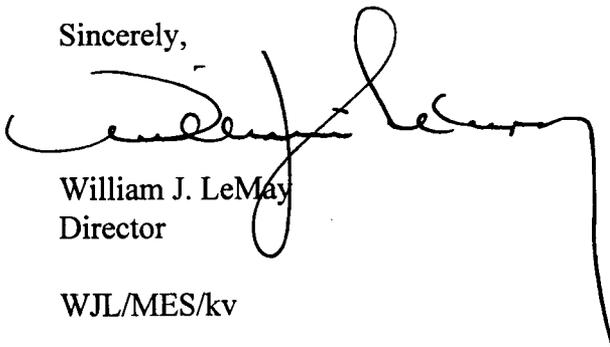
Reference is made to your application dated August 22, 1997 for an unorthodox Blanco-Mesaverde "infill" gas well location on an existing standard 320-acre, more or less, gas spacing and proration unit ("GPU") for said Blanco-Mesaverde Pool, comprising the W/2 equivalent of Section 10, Township 30 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Said GPU is currently dedicated to the San Juan "30-6" Unit Well No. 34 (API No. 30-039-07866), located at a standard gas well location 800 feet from the South and West lines (Unit M) of said Section 10.

By the authority granted me under the provisions of **Rule 2(d)** of the "*General Rules for the Prorated Gas Pools of New Mexico/Special Rules and Regulations for the Blanco-Mesaverde Pool*", as promulgated by Division Order No. R-8170, as amended, the following described well to be drilled at an unorthodox "infill" gas well location in said Section 10 is hereby approved:

**San Juan "30-6" Unit Well No. 34-A**  
**490' FNL - 2340' FWL (Unit C)**

Further, both the San Juan "30-6" Unit Well Nos. 34 and 34-A are to be dedicated to the subject GPU, further said wells and GPU will be subject to all existing rules, regulations, policies, and procedures applicable to prorated gas pools in Northwest New Mexico.

Sincerely,



William J. LeMay  
Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec  
U. S. Bureau of Land Management - Farmington

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