

NSL 3/11/98

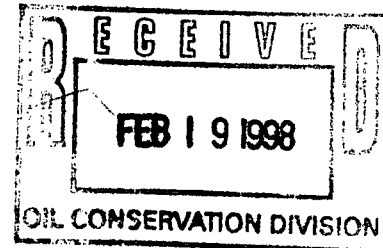
# BURLINGTON RESOURCES

SAN JUAN DIVISION

February 18, 1998

SENT FEDERAL EXPRESS

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



Re: San Juan 30-6 Unit #102A  
915'FSL, 2205'FEL Section 22, 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 by the New Mexico Oil Conservation Division for NSL-3819 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 terrain, and at the request of the Bureau of Land Management for minimum surface disturbance.

Production from the Basin Dakota pool is to be included in a 320 acre gas spacing and proration unit ("GPU") comprising of the East half of Section 22, T-30-N, R-6-W, Rio Arriba County, New Mexico.

The following attachments are for your review:

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## 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

915' FSL, 2205' FEL, Sec. 22, T-30-N, R-6-W, NMPM

5. Lease Number  
SF-080713A

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

San Juan 30-6 Unit  
8. Well Name & Number  
San Juan 30-6 U #102A

9. API Well No.  
30-039-

10. Field and Pool  
Blanco MV/Basin DK

11. County and State  
Rio Arriba Co, NM

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

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☒ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut off

☐ Altering Casing

☐ Conversion to Injection

☒ 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 7935'. The revised casing and cementing program is as follows: a 5 1/2" 15.5# K-55 flushjoint liner will be run from 3495-7935'. 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 225 sx Class "B" 50/50 poz w/2% gel, 5 pps Gilsonite, 0.25 pps Cellophane, 0.4% fluid loss additive (299 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 *Deputy State Administrator* (KASPUD) Title Regulatory Administrator Date 2/12/98

(This space for Federal or State Office use)

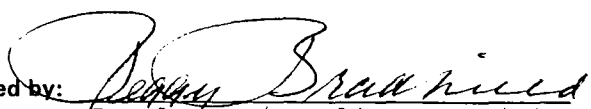
APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

|   |  |                 |
|---|--|-----------------|
| 1a. Type of Work<br>DRILL   | 5. Lease Number<br>SF-080713A<br>Unit Reporting Number<br>8910005380   |                 |
| 1b. Type of Well<br>GAS   | 6. If Indian, All. or Tribe  |                 |
| 2. Operator<br><b>BURLINGTON<br/>RESOURCES</b> Oil & Gas Company  | 7. Unit Agreement Name<br>San Juan 30-6 Unit   |                 |
| 3. Address & Phone No. of Operator<br>PO Box 4289, Farmington, NM 87499<br><br>(505) 326-9700   | 8. Farm or Lease Name<br>San Juan 30-6 Unit<br>9. Well Number<br>102A  |                 |
| 4. Location of Well<br>915' FSL, 2205' FEL<br><br>Latitude 36° 47.6, Longitude 107° 26.9  | 10. Field, Pool, Wildcat<br>Blanco Mesa Verde<br>11. Sec., Twn, Rge, Mer. (NMPM)<br>Sec 22, T-30-N, R-6-W<br>API # 30-039- |                 |
| 14. Distance in Miles from Nearest Town<br>6 miles to Gobernador  | 12. County<br>Rio Arriba   | 13. State<br>NM |
| 15. Distance from Proposed Location to Nearest Property or Lease Line<br>915'   |  |                 |
| 16. Acres in Lease  | 17. Acres Assigned to Well<br>320 E/2  |                 |
| 18. Distance from Proposed Location to Nearest Well, Drlg, Compl, or Applied for on this Lease<br>2000'   |  |                 |
| 19. Proposed Depth<br>6005'   | 20. Rotary or Cable Tools<br>Rotary  |                 |
| 21. Elevations (DF, FT, GR, Etc.)<br>6463' GR   | 22. Approx. Date Work will Start   |                 |
| 23. Proposed Casing and Cementing Program<br>See Operations Plan attached   |  |                 |
| 24. Authorized by: <br>(Regulatory/Compliance Administrator) | 6/9/97<br>Date   |                 |

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

Archaeological Report to be submitted by Arboles Contract Archaeology  
Threatened and Endangered Species Report to be submitted  
NOTE: This format is issued in lieu of U.S. BLM Form 3160-3

# **BURLINGTON RESOURCES**

San Juan 30-6 Unit #102A  
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 1000' 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 from 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.

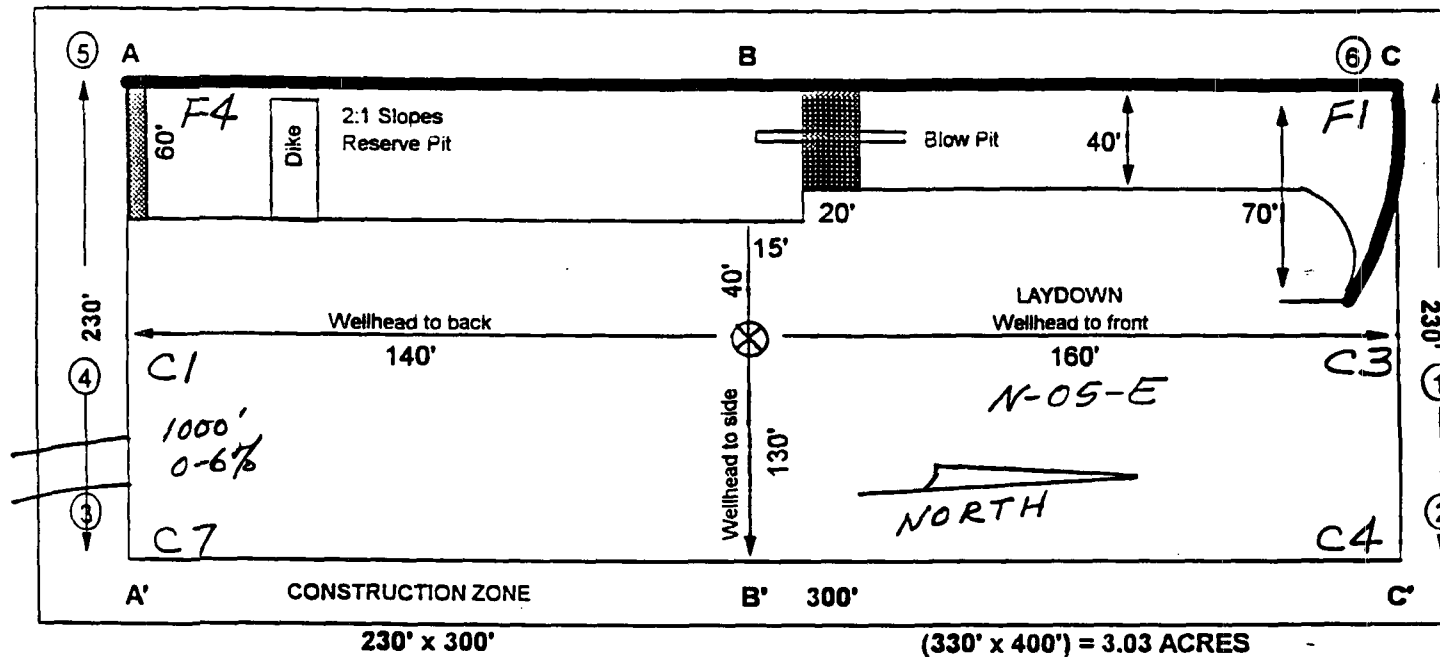
 6/9/97  
Regulatory/Compliance Administrator Date

pb

# BURLINGTON RESOURCES

## PLAT #1

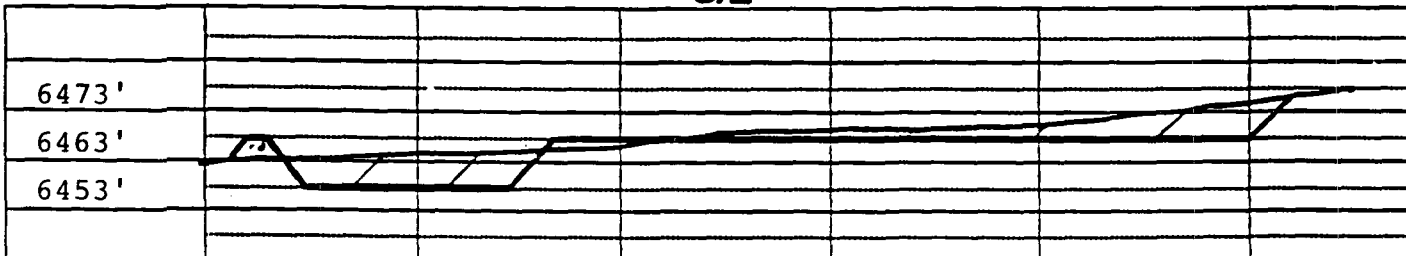
NAME: San Juan 30-6 Unit #102A  
 FOOTAGE: 915' FSL, 2205' FEL,  
 SEC 22 TWN 30 N.R. 6 W NMPM  
 CO: Rio Arriba ST: New Mexico  
 ELEVATION: 6463' DATE: 5-13-97



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.

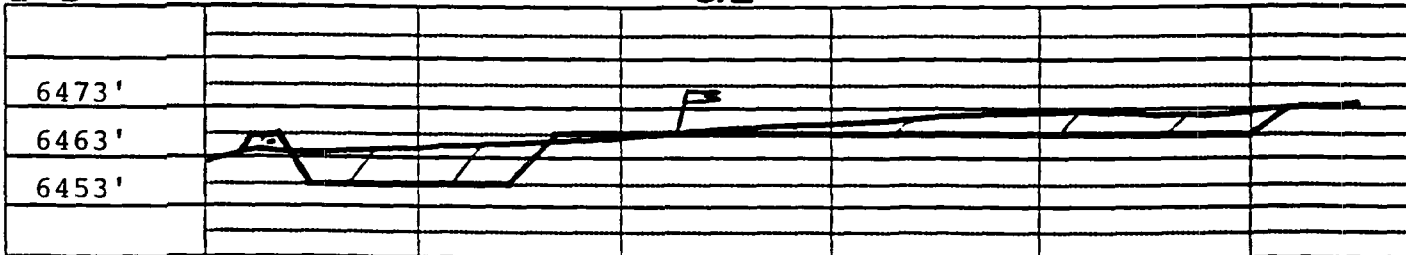
A - A'

C/L



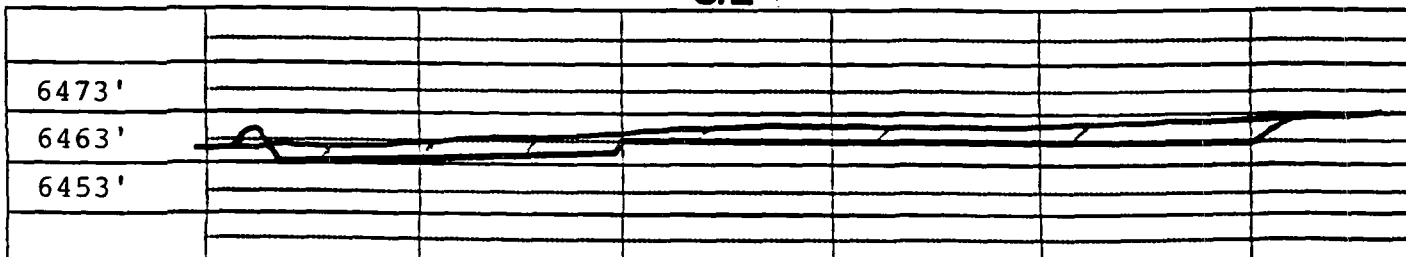
B - B'

C/L



C - C'

C/L

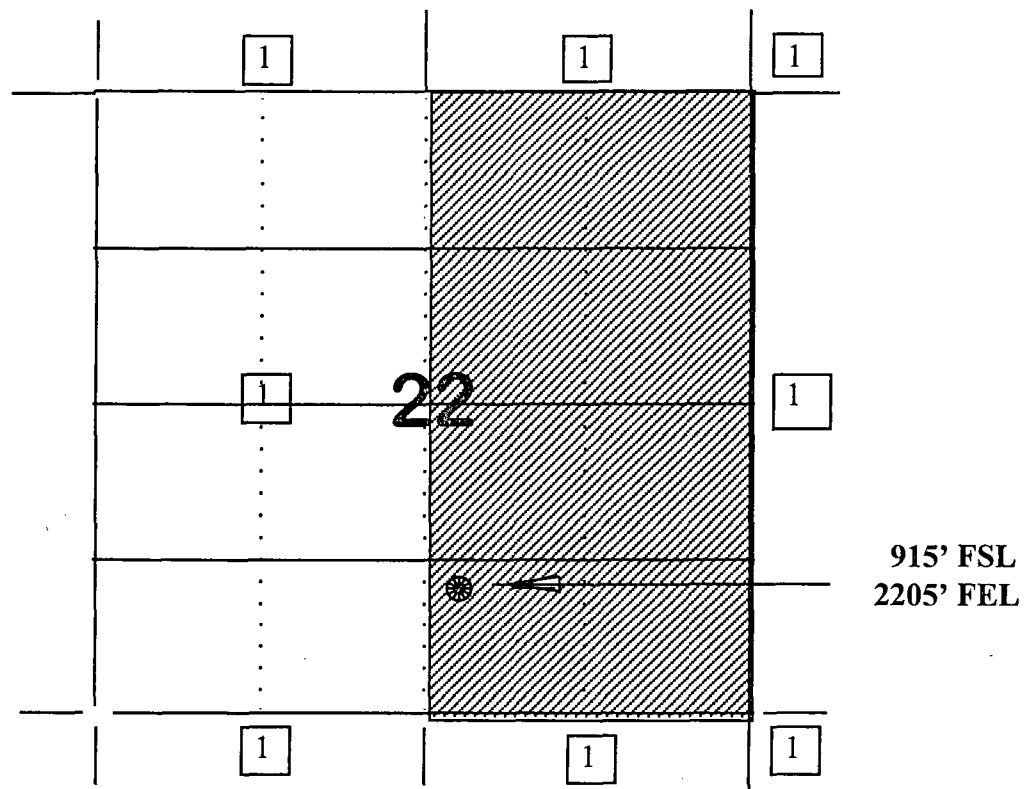


Note: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cat on well pad and/or access road at least two (2) working days prior to construction.

***BURLINGTON RESOURCES OIL AND GAS COMPANY***

**San Juan 30-6 Unit #102A  
OFFSET OPERATOR/OWNER PLAT  
Non Standard Location  
Dakota Formation Well**

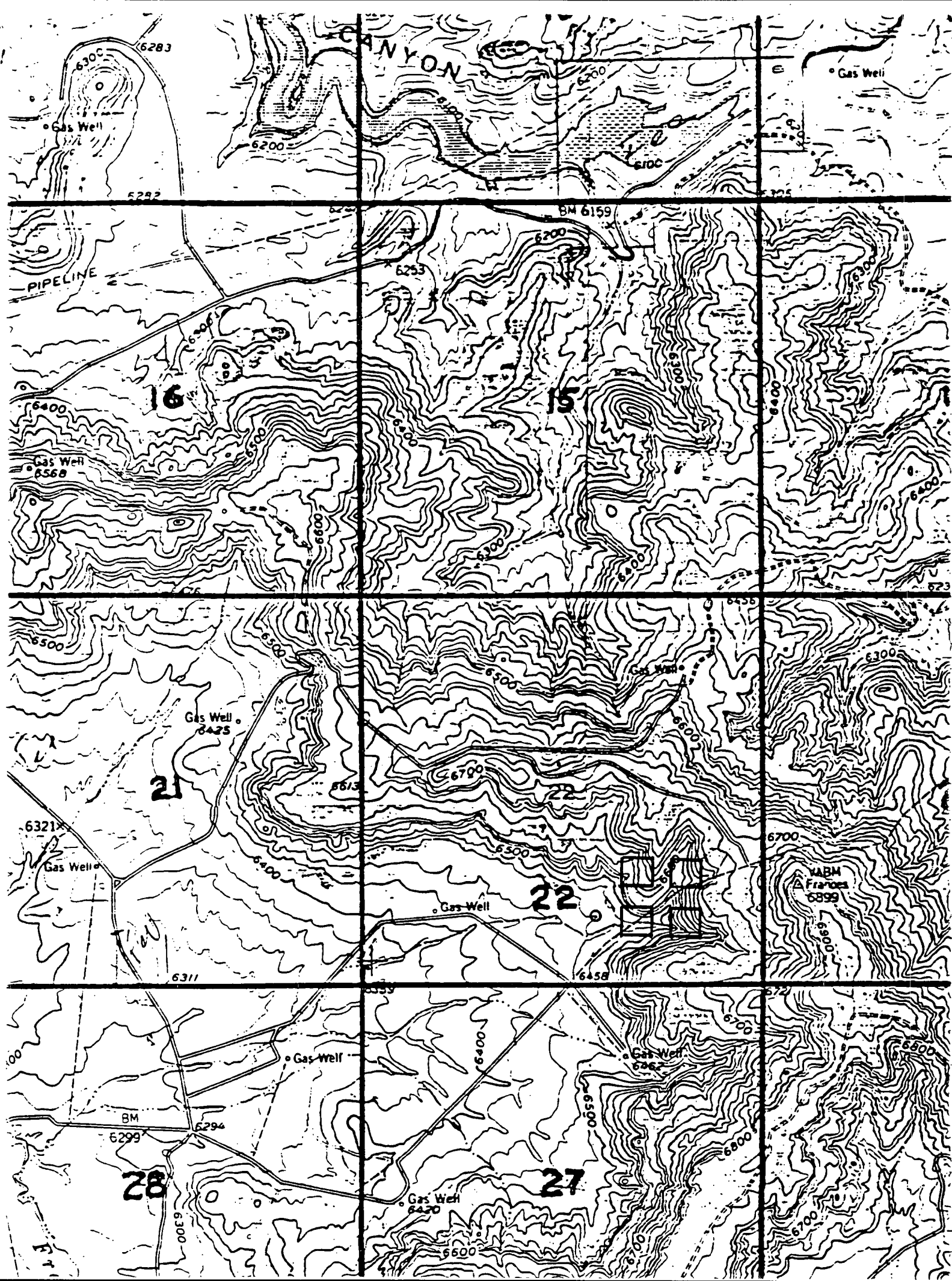
**Township 30 North, Range 6 West**



**1) Burlington Resources**



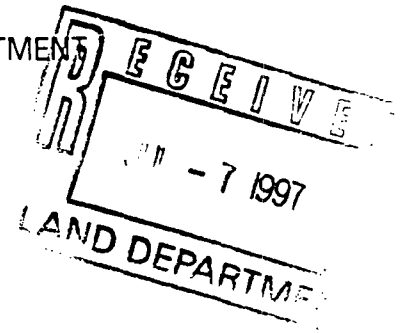






STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131



July 2, 1997

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

*Administrative Order NSL-3819*

Dear Ms. Bradfield:

Reference is made to your application dated June 18, 1997 for an unorthodox Blanco-Mesaverde "infill" gas well location on an existing standard 320-acre gas spacing and proration unit ("GPU") for said Blanco-Mesaverde Pool, comprising the E/2 of Section 22, 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. 102-R (API No. 30-039-20519) located at a standard gas well location 1720 feet from the North line and 1490 feet from the East line (Unit G) of said Section 22.

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 the E/2 of said Section 22 is hereby approved:

**San Juan "30-6" Unit Well No. 102-A**  
**915' FSL - 2205' FEL (Unit O)**

Further, both the San Juan "30-6" Unit Well Nos. 102-R and 102-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