

BURLINGTON RESOURCES

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 #46A
1450'FSL, 670'FEL Section 11, T-30-N, R-6-W, Rio Arriba County
API # 30-039-not assigned

RECEIVED
FEB 18 1998
OIL CON. DIV.
DIST. 3

Dear Ms. Wrotenbery:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Dakota pool. Approval was granted October 8, 1997 by the New Mexico Oil Conservation Division for NSL-3881 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 terrain, LaFragua Wash, and the fact that an access road for a standard location would be very long across fee lands, thereby creating excess 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 (E/2) of Section 11, 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 Bradford
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 #46A as proposed above.

By: _____ Date: _____

xc: Phillips Petroleum

RECEIVED
JUN 11 1964
U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C.

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

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p>	<p>5. Lease Number NM-06283</p>
<p>2. Name of Operator BURLINGTON RESOURCES OIL & GAS COMPANY</p>	<p>6. If Indian, All. or Tribe Name</p>
<p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p>	<p>7. Unit Agreement Name San Juan 30-6 Unit</p>
<p>4. Location of Well, Footage, Sec., T, R, M 1450' FSL, 670' FEL, Sec.11, T-30-N, R-6-W, NMPM</p>	<p>8. Well Name & Number San Juan 30-6 U #46A</p>
	<p>9. API Well No. 30-039-</p>
	<p>10. Field and Pool Blanco MV/Basin DK</p>
	<p>11. County and State 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 7620'. The revised casing and cementing program is as follows: a 5 1/2" 15.5# K-55 flushjoint liner will be run from 3212-7620'. 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 223 sx Class "B" 50/50 poz w/2% gel, 5 pps Gilsonite, 0.25 pps Cellophane 0.4% fluid loss additive (297 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. Aft 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

For
Revised February
Instructions
Submit to Appropriate District
State Lease -
Fee Lease -

AMENDED F

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota	
*Property Code 7469	*Property Name SAN JUAN 30-6 UNIT			*Well Num 46A
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY			*Elevati 6163

¹⁰ Surface Location

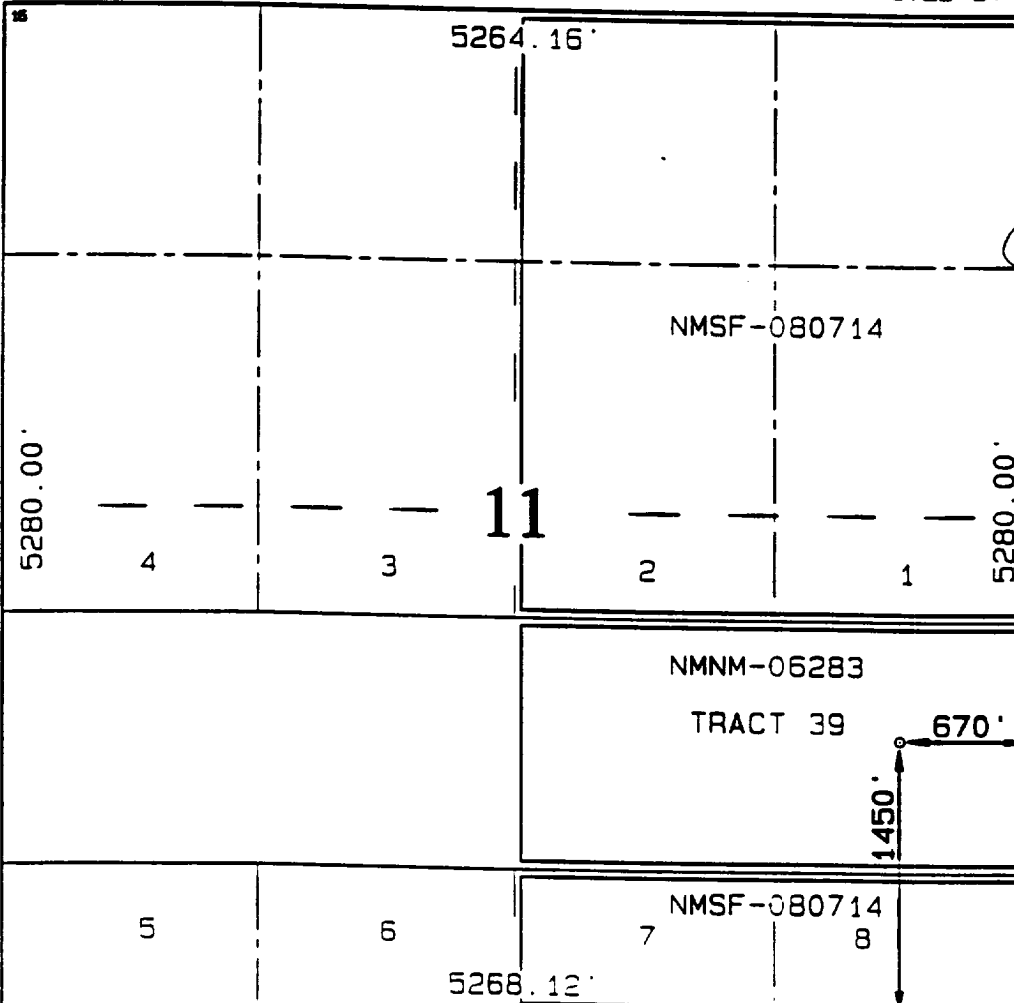
UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	
I	11	30N	6W		1450	South	670	East	AF

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	

¹² Dedicated Acres MV-E/320 DK-E/320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



¹⁷ OPERATOR CERTIFICATE
I hereby certify that the information contained herein is true and complete to the best of my knowledge.

Peggy Bradfield
Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
2/1/98
Date

¹⁸ SURVEYOR CERTIFICATE
I hereby certify that the well location shown was plotted from field notes of actual survey or under my supervision and that the same is correct to the best of my belief.

JULY 21, 1997
Date of Survey

Signature and Seal of Professional Surveyor
NEALE C. EDWARDS
NEALE C. EDWARDS
NEW MEXICO
6857
5857
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 NM-06283 Unit Reporting Number 8910005380	
1b. Type of Well GAS	6. If Indian, All. or Tribe	
2. Operator BURLINGTON RESOURCES 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 46A	
4. Location of Well 1450' FSL, 670' FEL Latitude 36° 49.5, Longitude 107° 25.5	10. Field, Pool, Wildcat Blanco Mesa Verde 11. Sec., Twn, Rge, Mer. (NMPM) Sec 11, T-30-N, R-6-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 670'		
16. Acres in Lease	17. Acres Assigned to Well 320 E/2	
18. Distance from Proposed Location to Nearest Well, Drig, Compl, or Applied for on this Lease 1700'		
19. Proposed Depth 5745'	20. Rotary or Cable Tools Rotary	
21. Elevations (DF, FT, GR, Etc.) 6163' GR	22. Approx. Date Work will Start	
23. Proposed Casing and Cementing Program See Operations Plan attached		
24. Authorized by: <u><i>Ray Stanfield</i></u> Regulatory/Compliance Administrator	<u>8-22-97</u> Date	

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE _____


Archaeological Report to be submitted
Threatened and Endangered Species Report to be submitted

BURLINGTON RESOURCES

San Juan 30-6 Unit #46A 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 800' 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.

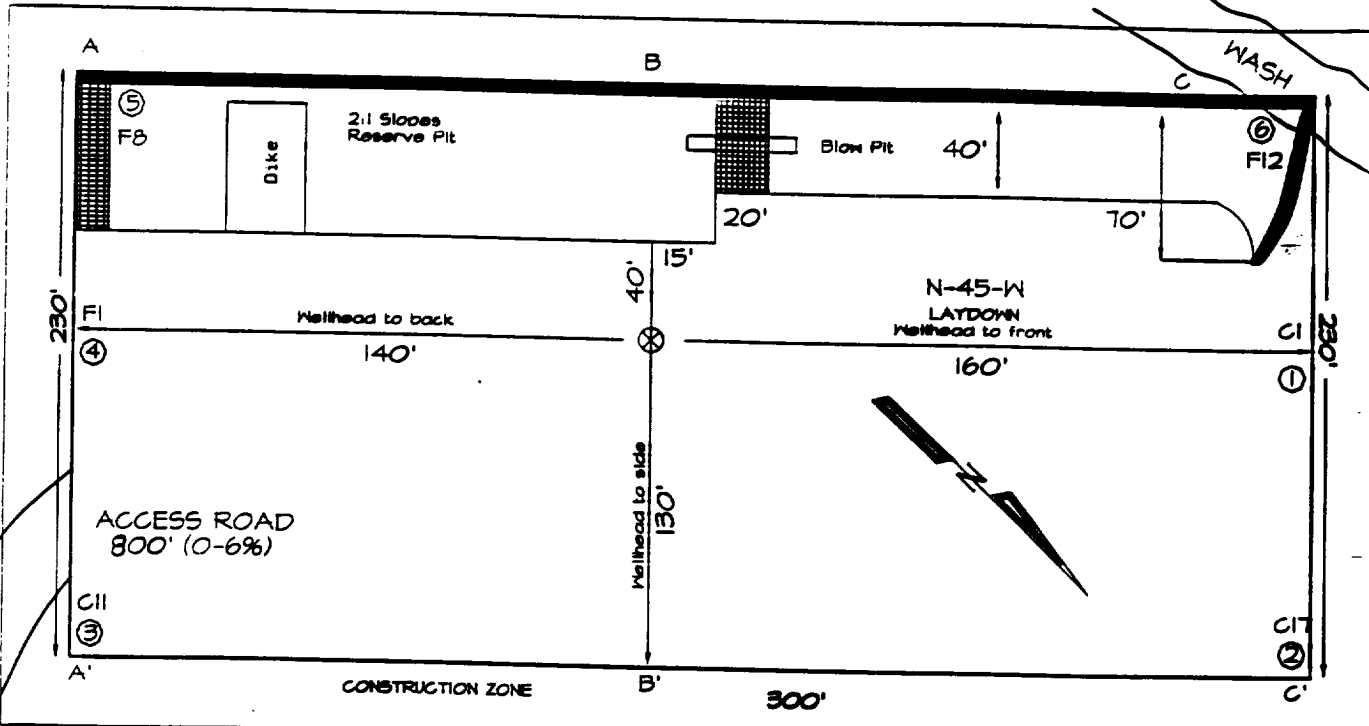
10. Plans for Restoration of the Surface - After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations to be carried out. Seed mixture as designated by the responsible government agency will be 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.


Regulatory/Compliance Administrator Date 8-22-97

pb

PLAT #1

**BURLINGTON RESOURCES OIL & GAS COMPANY
 SAN JUAN UNIT #46A, 1450' FSL & 670' FEL
 SECTION 11, T30N, R6W, NMPM, RIO ARRIBA COUNTY, NEW MEXICO
 GROUND ELEVATION: 6163' DATE: JULY 21, 1997**



230' x 300'

(330' x 400') = 3.03 ACRES

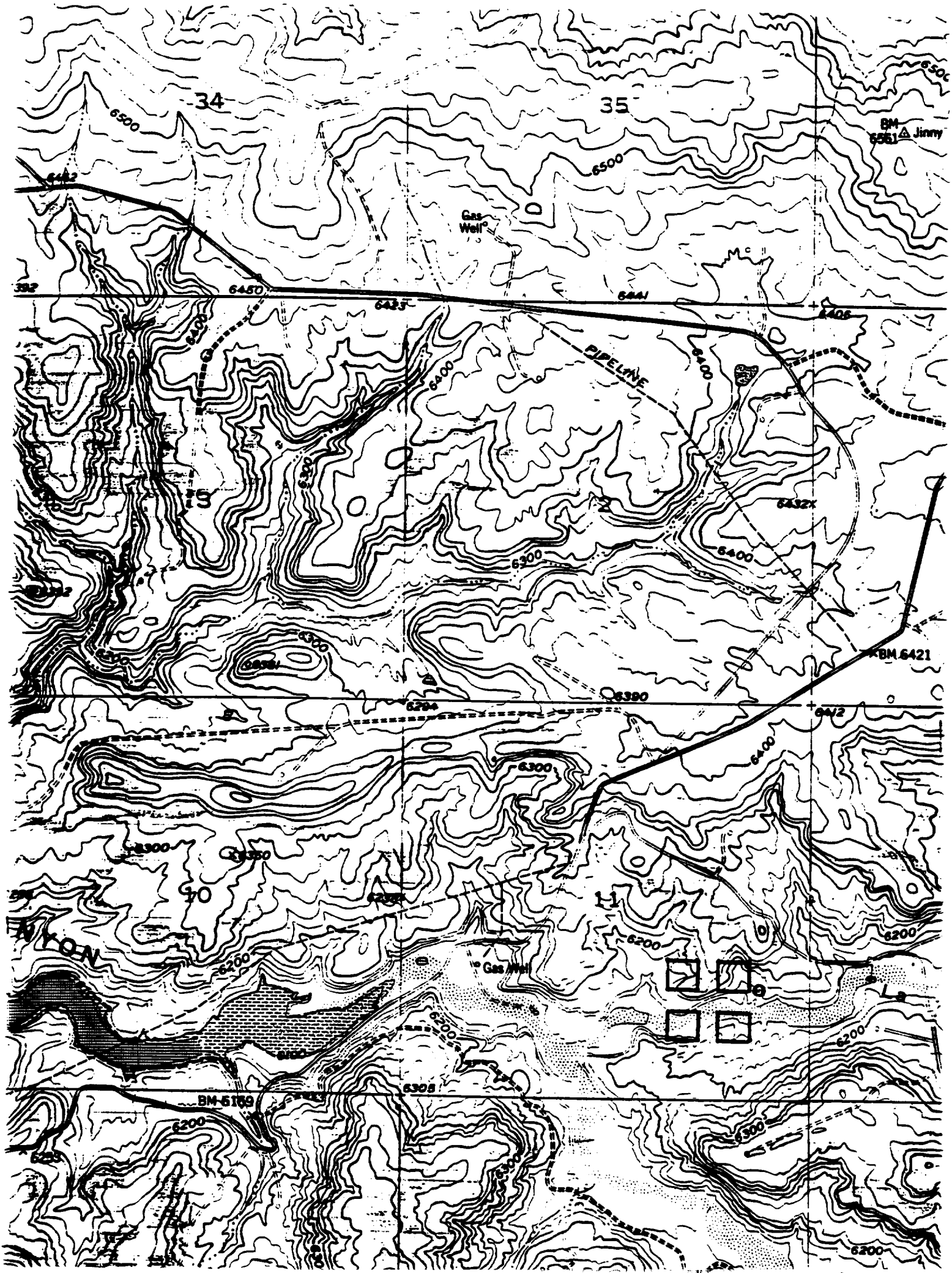
Reserve Pit Dike: to be 8' above Deep side (overflow - 3' wide and 1' above shallow side).
 Blow Pit: overflow pipe halfway between top and bottom and to extend over plastic liner and into blow

A-A'	
6173'	
6163'	
6153'	

B-B'	
6173'	
6163'	
6153'	

C-C'	
6173'	
6163'	
6153'	

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



BURLINGTON RESOURCES OIL AND GAS COMPANY

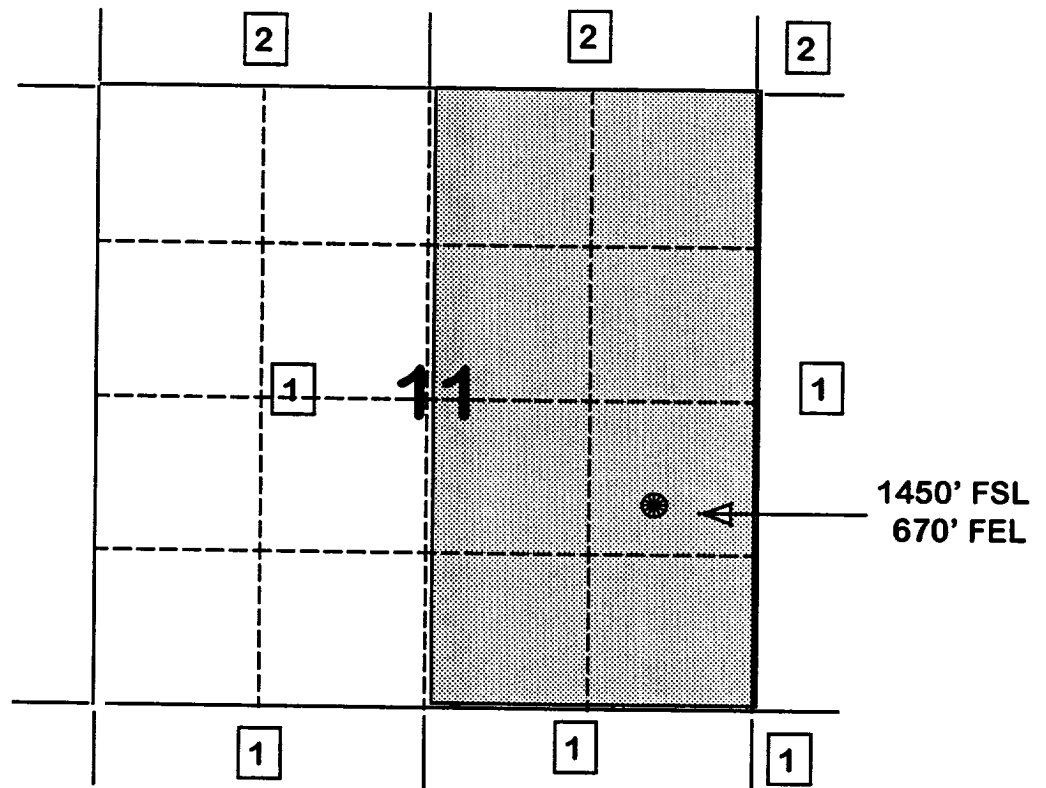
San Juan 30-6 Unit #46A

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 #46A
1450'FSL, 670'FEL Section 11, 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 black ink, appearing to read "Reggy Bradfield". The signature is written in a cursive, flowing style with a large initial "R".

Reggy Bradfield
Regulatory/Compliance Administrator

NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

October 8, 1997

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

Administrative Order NSL-3881

Dear Ms. Bradfield:

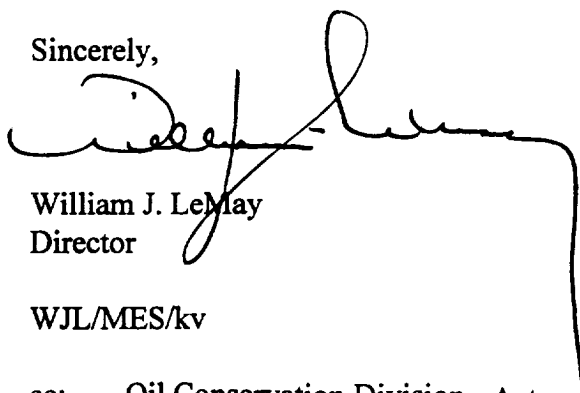
Reference is made to your application dated September 12, 1997 for an unorthodox Blanco-Mesaverde "infill" gas well location on an existing standard 320-acre, more or less, gas spacing and proration unit ("GPU") for said Blanco-Mesaverde Pool, comprising the E/2 equivalent of Section 11, Township 30 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. Said GPU is currently dedicated to the San Juan "30-6" Unit Well No. 46 (API No. 30-039-07889), located at a standard gas well location 1750 feet from the North line and 990 feet from the East line (Unit H) of said Section 11.

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 11 is hereby approved:

San Juan "30-6" Unit Well No. 46-A
1450' FSL - 670' FEL (Unit I)

Further, both the San Juan "30-6" Unit Well Nos. 46 and 46-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
