

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



Case 13344

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST 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
- 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
- [D] Other: Specify _____
- [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

2004 AUG 13 AM 11 25

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

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

Joni Clark _____ 8/12/04
 Print or Type Name Signature Title Date
 jclark@br-inc.com
 e-mail Address

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express

August 6, 2004

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

Re: San Juan 27-4 Unit Com #34N – NSL
370' FSL & 20' FEL, Section 34, T27N, R4W; Rio Arriba Co.
API # - 30-039-26903

Dear Mr. Stogner:

Burlington Resources proposes to drill the above referenced well location as a commingled well in the Mesaverde and Dakota formations and is applying for administrative approval of an unorthodox gas well location for the Basin Dakota and Blanco Mesaverde formations.

The subject well had to be staked 370 feet FSL and 20 feet FEL due to archaeology, topography and geology within the legal spacing window for both Mesaverde & Dakota formation as show on the attached topography map and aerial photography map. There were archaeological sites encountered east of the current staked location preventing it from being staked orthodox. Also it was determined this well couldn't be twinned with the existing wells in this Qtr/Qtr without the possibility of draining these wellbores (see 9 section plat).

The following attachments are for your review:

- Approved application for Permit to Drill and C102 at referenced location
- Offset operator / Owner plat / 9 section plat
- Topographic map of Section 34
- Aerial Photography Map
- MV & DK Ellipse Maps showing current drainage
- Letter from the Forest Service requesting unorthodox location.
- Figure 1 from Archaeological survey conducted by Arboles Contract Archaeology - Report #2003-02-006B.

Copies of this application are being submitted to offset operator / working interest owners by certified mail. Please let me know if you have any questions about this application.

Sincerely,



Joni Clark
Sr. Regulatory Specialist

Re: San Juan 27-4 Unit Com #34N
370' FSL & 20' FEL, Section 34, T27N, R4W, Rio Arriba Co.
API – 30-039-26903

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard well location of the above well.

CDX Rio, LLC
4801 N. Butler Ave. #2000
Farmington, NM 87401

Patina San Juan, Incorporated
5802 Highway 64
Farmington, NM 87401

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

Sundry Notices and Reports on Wells

1. Type of Well
GAS

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

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

4. Location of Well, Footage, Sec., T, R, M
370' FSL, 20' FEL, Sec. 34, T-27-N, R-4-W, NMPM

5. Lease Number: 2: 54
NMSF-079607

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

CA#

San Juan 27-4 Unit

8. Well Name & Number
San Juan 27-4 U Com #34N

9. API Well No.
30-039-26903

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

- | | | |
|--|---|---|
| <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

The location for the subject well has been moved from 660' FSL, 830' FEL to 370' FSL, 20' FEL at the request of the Carson National Forest. Attached are a new C-102 plat, operations plan, Multi-point surface use plan, topographic map, and cut and fill diagram.

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

Signed Nancy Altman Title Senior Staff Specialist Date 1/30/04

(This space for Federal or State Office use)
APPROVED BY [Signature] Title AFM Date 7-29-04
CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR

District II
PO Drawer 00, Artesia, NM 88211-0719

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number 30-039-		*Pool Code 72319/71599	*Pool Name Blanco Mesaverde/Basin Dakota
*Property Code 20056	*Property Name SAN JUAN 27-4 UNIT COM		*Well Number 34N
*GRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP		*Elevation 6995'

¹⁰ Surface Location

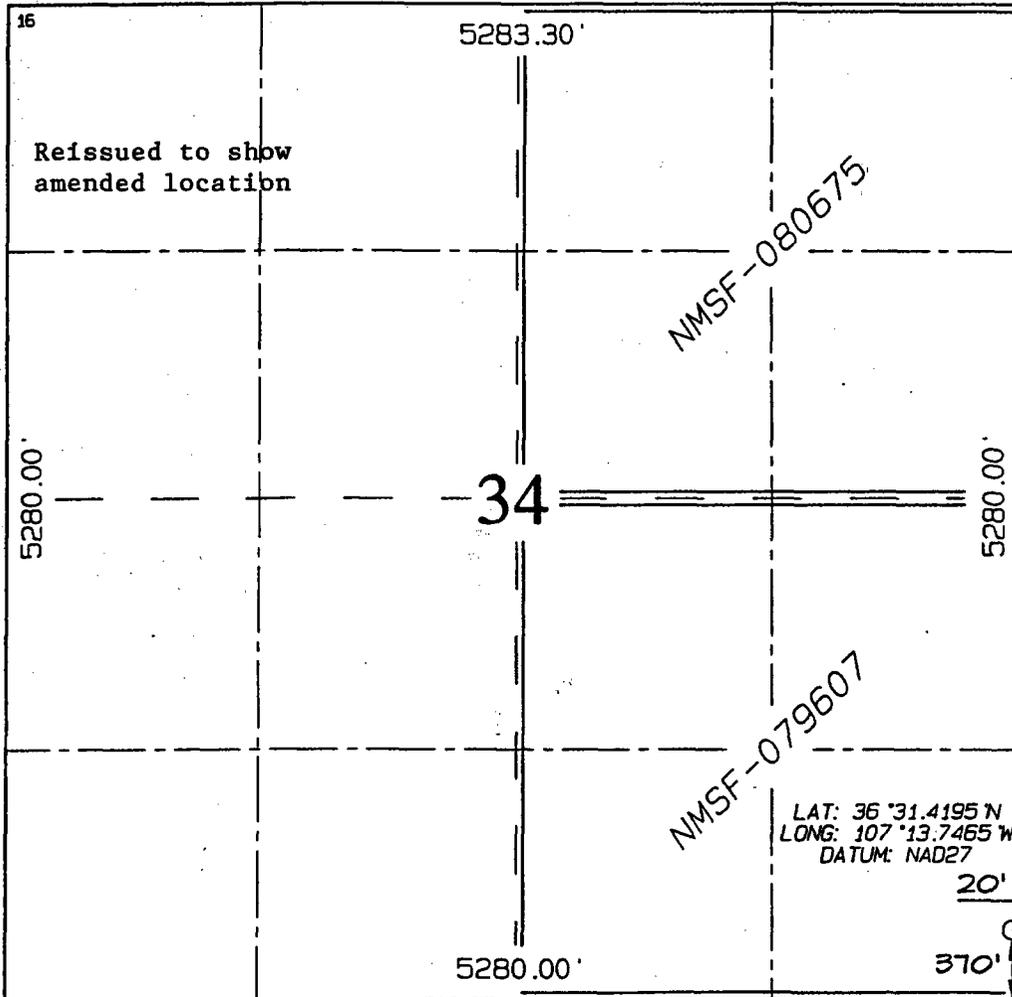
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	34	27N	4W		370	SOUTH	20	EAST	RIO ARRIBA

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 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 CERTIFICATION

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

Nancy Oltmanns
Signature

Nancy Oltmanns
Printed Name

Senior Staff Specialist
Title

1-30-04
Date

¹⁸ SURVEYOR CERTIFICATION

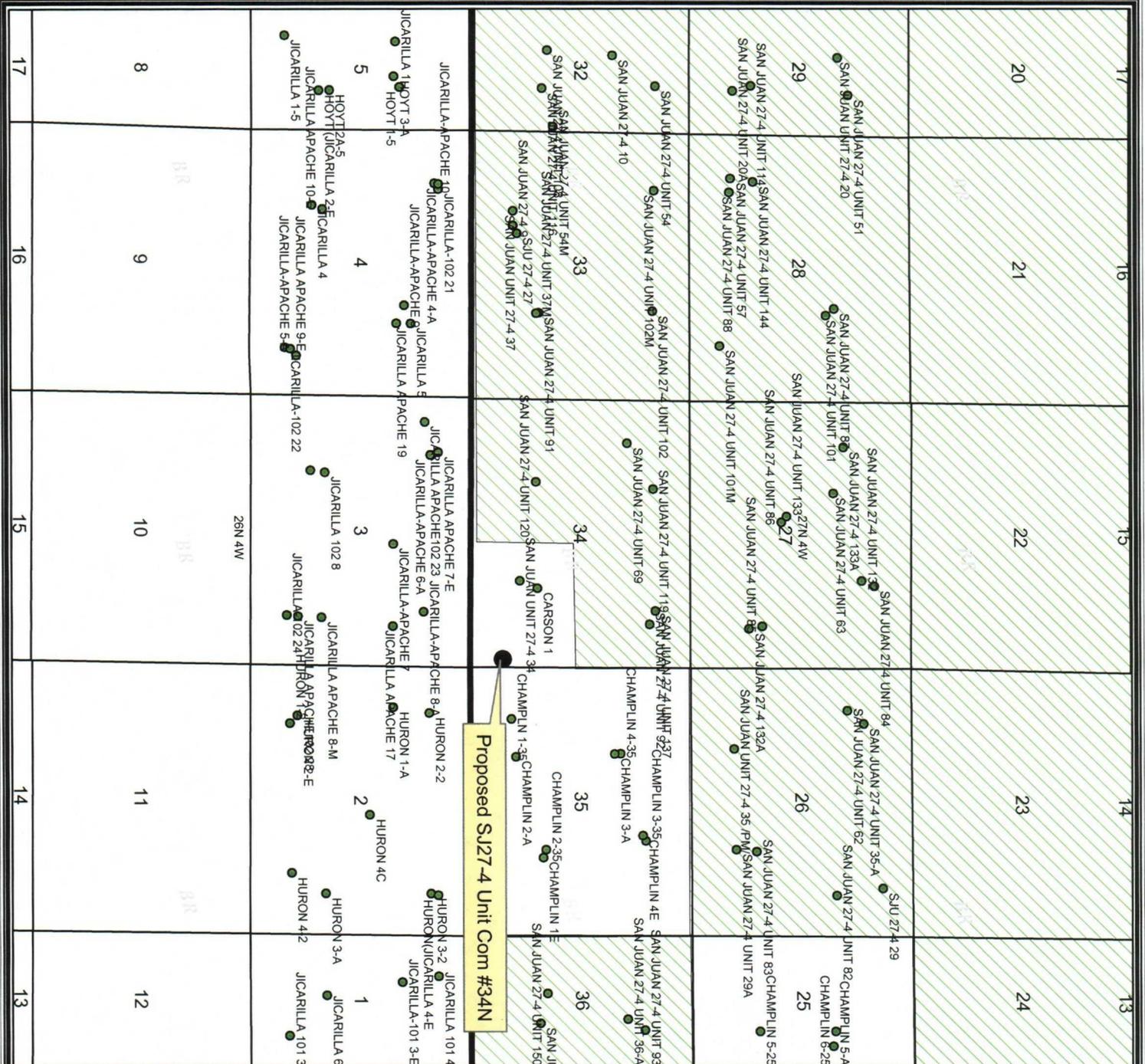
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: JULY 3, 2003

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269



Legend

- tp287930
- SJD County Names
- Major Roads
- ▭ Sections
- ▭ Townships
- ▭ San Juan Federal Units
- ▭ U.S. Water Bodies

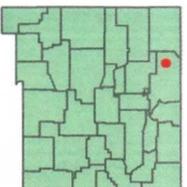
BURLINGTON RESOURCES

N

PLAT



1:42,424 - 1" equals 3,535'
GCS North American 1927



BURLINGTON RESOURCES
San Juan

San Juan 27-4 Unit Com #34N
9 Section Plat

Prepared By: plc1 Date: 8/11/2004
 File Number: Revised Date: 8/11/2004
 File Name: plc1\Projects\27-4 #34N 9 section\27-4 #34N 9 section.mxd

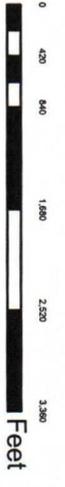
14019657

CURRENT OPERATOR

- BP AMERICA PROD
- BURLINGTON
- CDX RIO LLC
- CORDILLERA ENERGY
- SNYDER OIL CORP
- SJD State Names
- SJD County Names

- pa-mesaverde
- pa-dakota
- Sections_(SJD)
- Townships_(SJD)
- New Mexico Lots
- San Juan Federal Units
- Counties (SJD)
- PROPOSED WELL

- OFFSET OPERATORS:**
- 1. CDX RIO LLC
 - 2. PATINA SAN JUAN INC (formerly Cordillera Energy)



1:18,705 - 1" equals 1,559'

GCS North American 1927

BURLINGTON RESOURCES

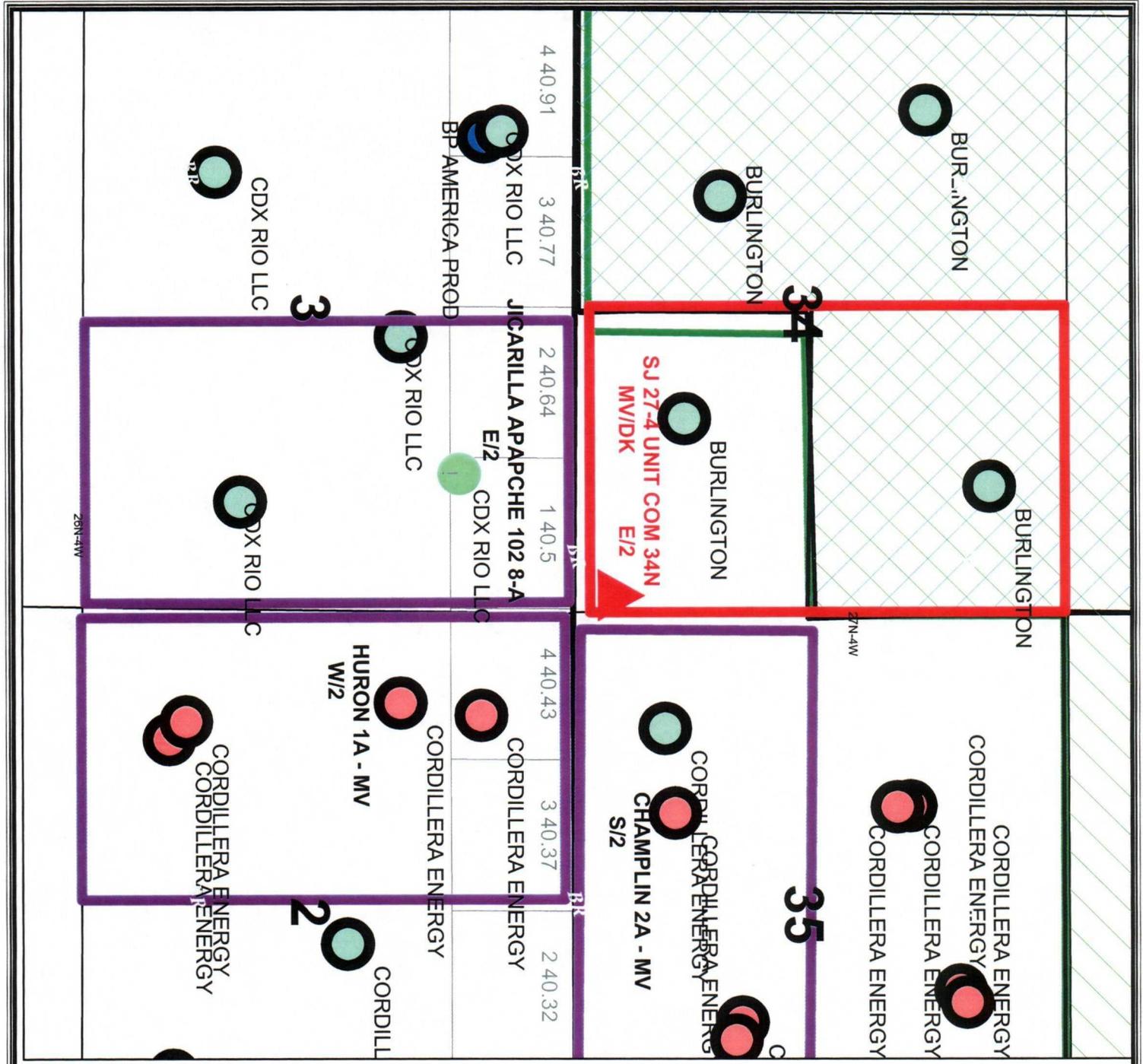
San Juan

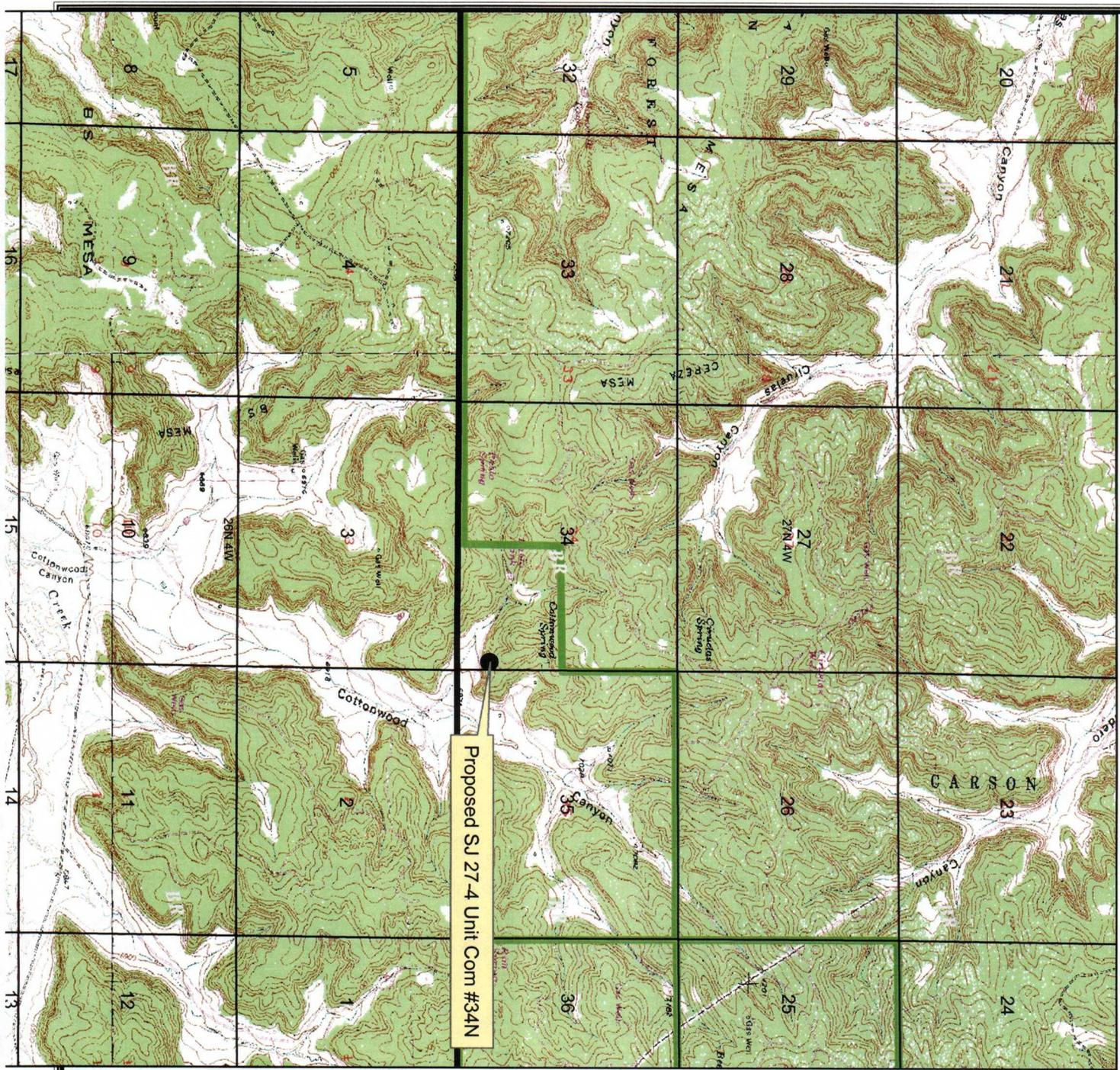
SAN JUAN 27-4 UNIT COM 34N

MV/DK - NSL

SEC 34 T27N R4W

Prepared By: **mlb** Date: **8/5/2004**
 File Number: **8/5/2004** Revised Date:
 File Name: **C:\AMT\727\27-4 UNIT COM 34N.MXD**



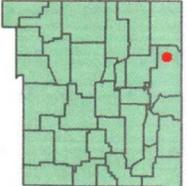


Legend

- SJD County Names
- Major Roads
- Sections
- Townships
- San Juan Federal Units
- U.S. Water Bodies

BURLINGTON RESOURCES

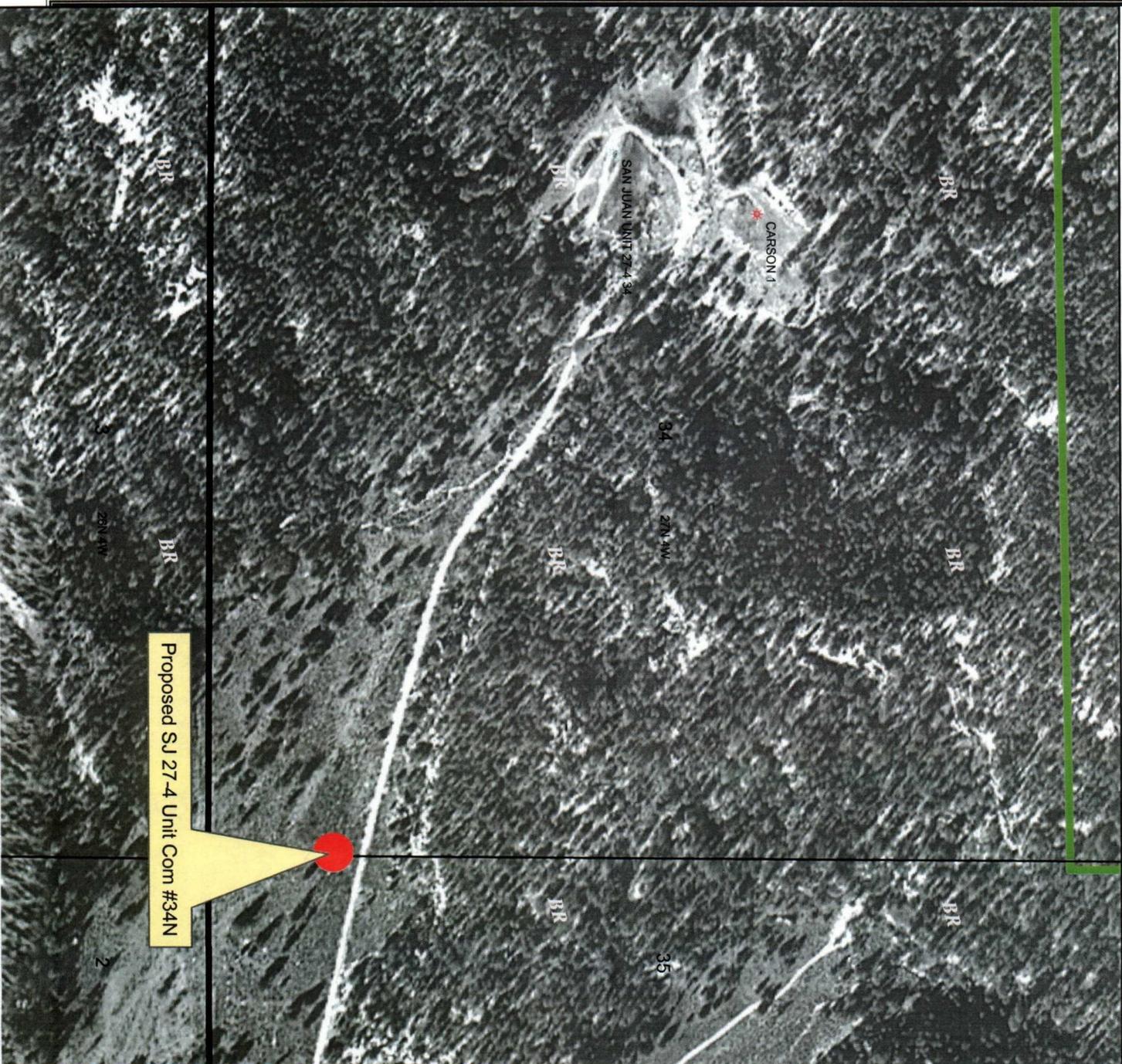
PLAT



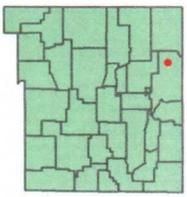
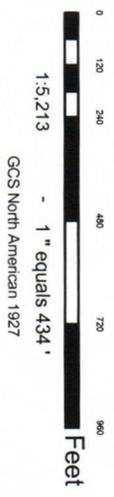
BURLINGTON RESOURCES
San Juan

San Juan 27-4 Unit Com #34N
Topo

Prepared By: **dic1** Date: **8/6/2004**
 File Number: **8/6/2004** Revised Date: **8/6/2004**
 File Name: **h:\proj\11\proj\sj27-4\sj34N.d** section#27-4-#34N.d section#27-4-#34N.d section#27-4-#34N.d section#27-4-#34N.d



Proposed SU 27-4 Unit Com #34N

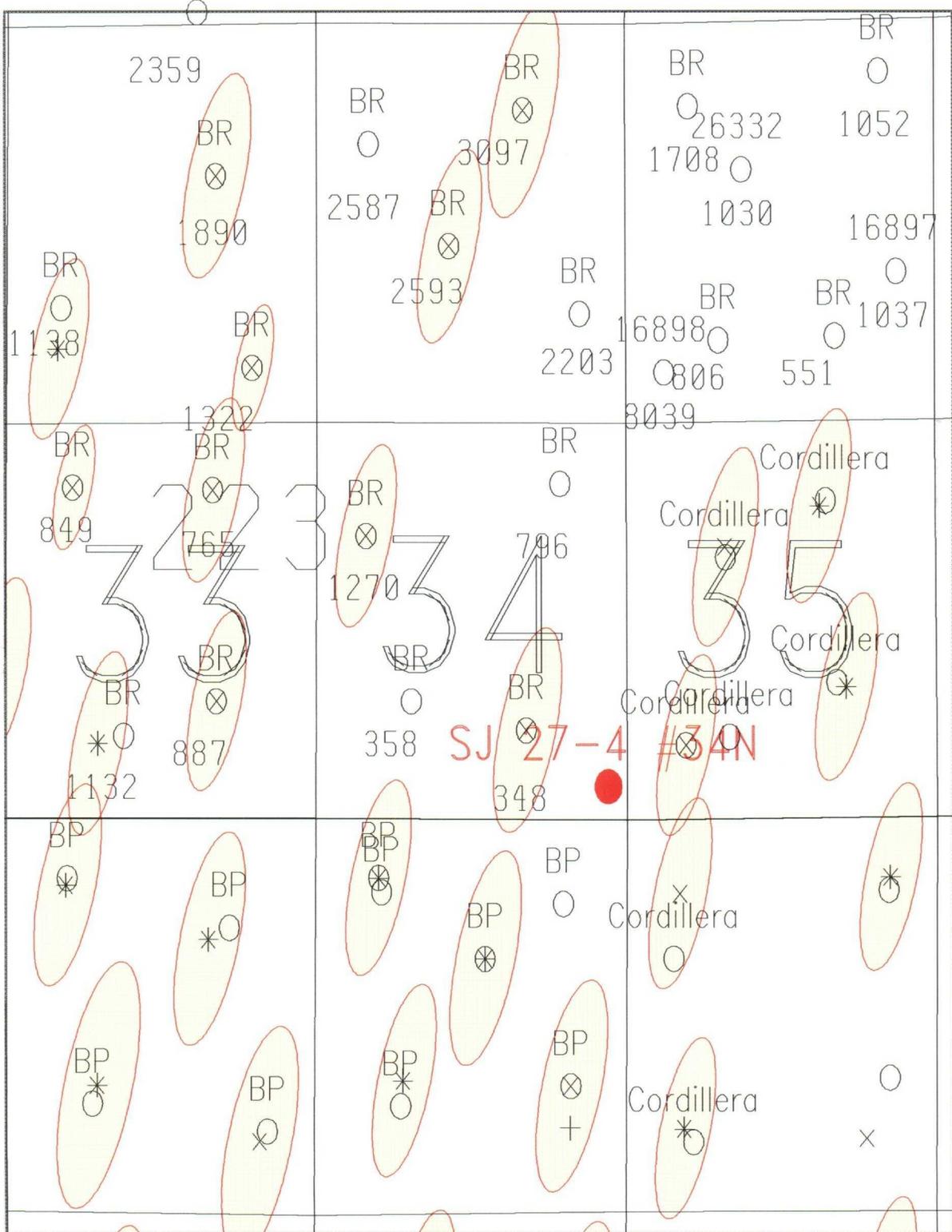


BURLINGTON RESOURCES
San Juan

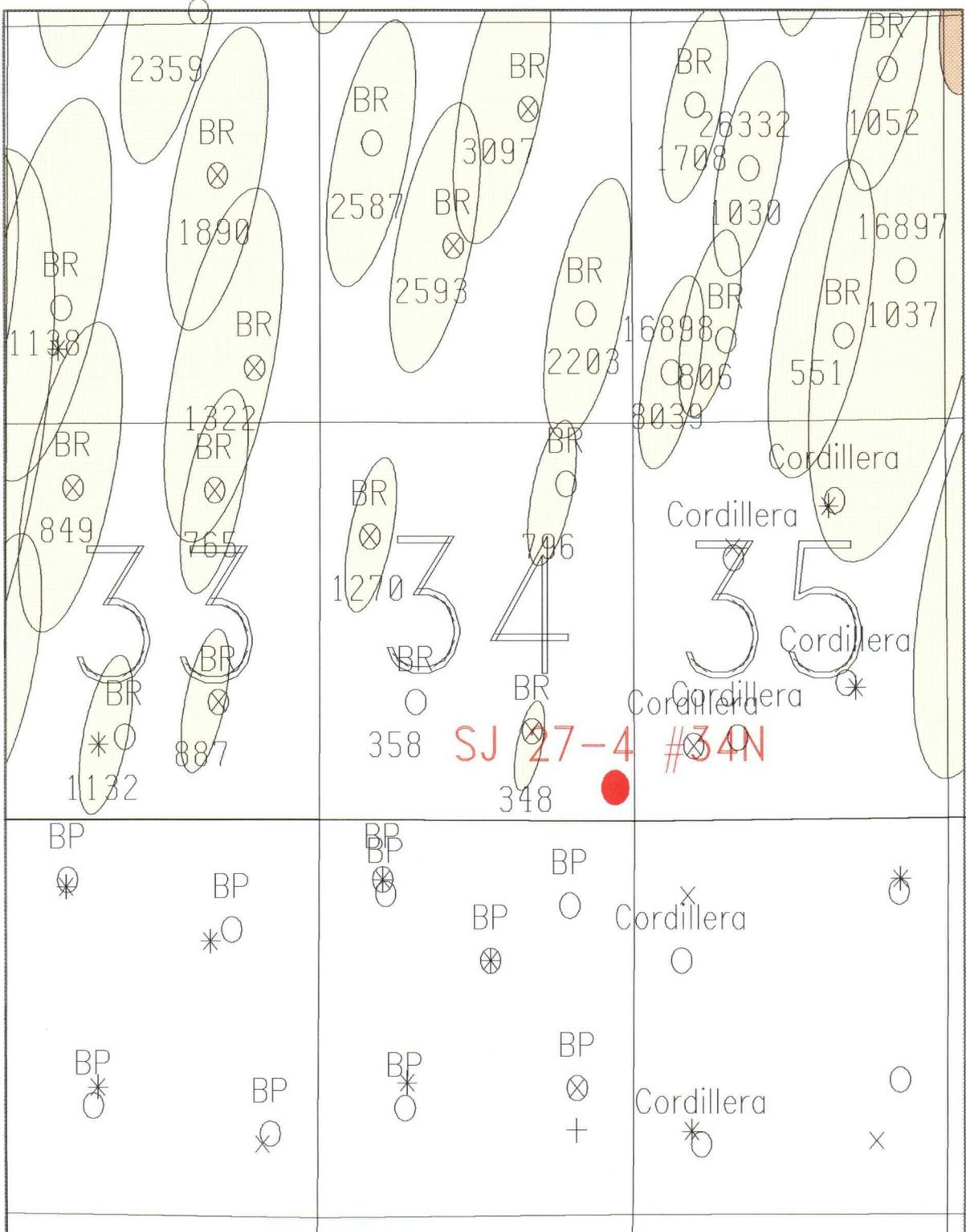
San Juan 27-4 Unit Com #34N
Aerial

Prepared By: dlcl Date: 9/6/2004
 File Number: Revised Date: 9/6/2004
 E:\Map\plata\plata1\Browder\27-4-#34N-0-section\27-4-#34N-0-section.mxd

San Juan 27-4 Unit Com #34N - Dakota Ellipse Map



San Juan 27-4 Unit Com #34N - Mesaverde Ellips Map





United States
Department of
Agriculture

Forest
Service

Southwestern Region 3
Carson National Forest
Jicarilla Ranger District

664 East Broadway
Bloomfield, New Mexico 87413
(505) 632-2956
FAX (505) 632-3173

File Code: 2820

Date: July 31, 2003

Chuck Smith
Burlington Resources
3401 E. 30th. St.
P.O. Box 4289
Farmington, NM 87499

Dear Chuck:

The Jicarilla Ranger District, Carson National Forest is requesting you apply for an unorthodox location as follows, as discussed by your company representative Terry Lowe, and John Reidinger of this office:

San Juan 27-4 Unit Com #34N T. 27 N., R. 4 W. Section 34 370'FSL/20'FEL

The mineral operator is required to comply with other applicable regulations such as the Endangered Species Act, the Clean Water Act, and the Archeological Resources Protection Act under 36 CFR 228.112(c). The operator is also required under 36 CFR 228.108(c) to minimize or prevent damage to surface resources. The Carson National Forest Management Plan states that surface resource impacts will be minimized when administering mineral resources.

The following conditions apply which require unorthodox locations:

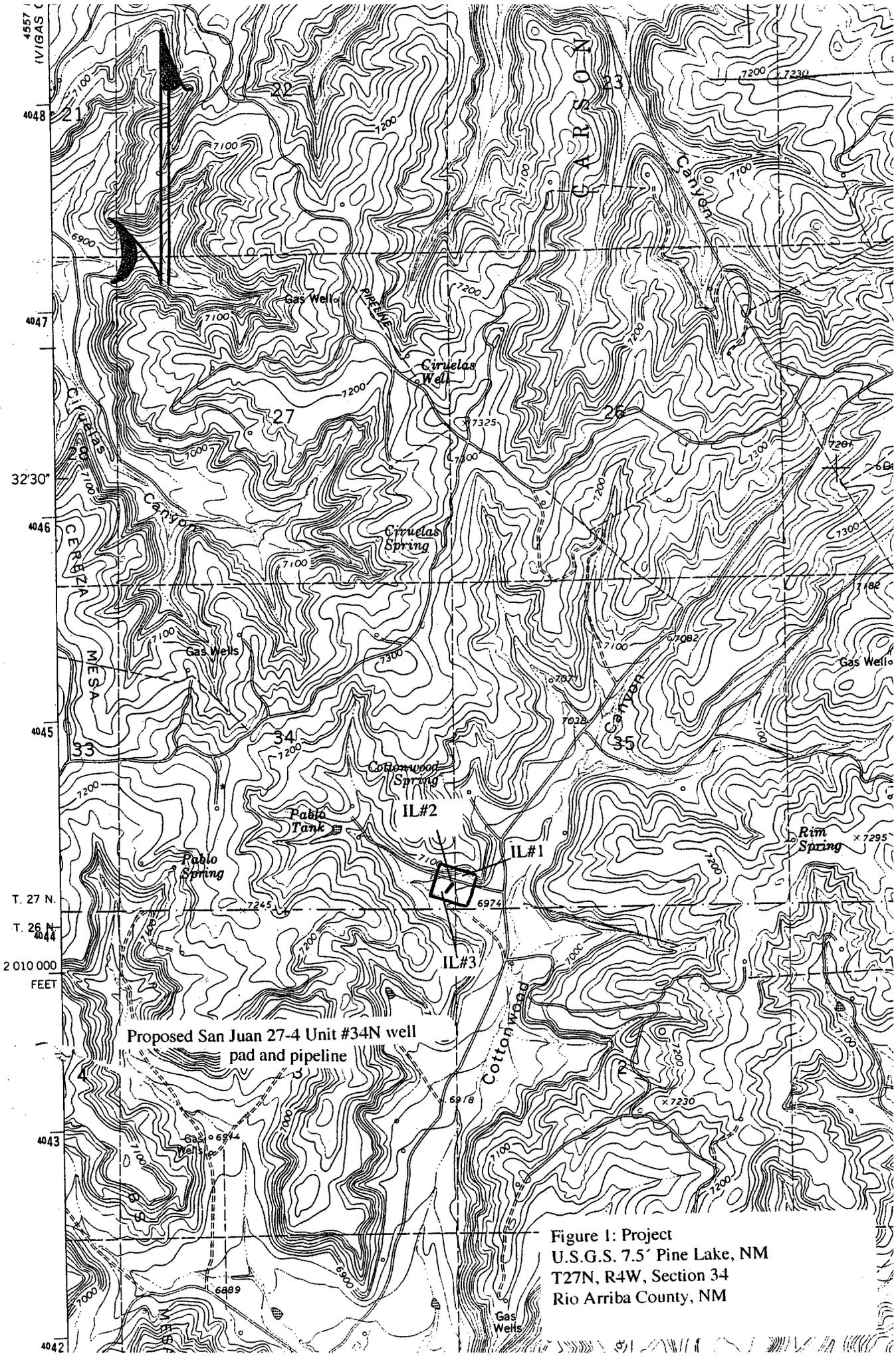
S.J. 27-4 Unit Com #34N: Archeological concerns prevent locating the well in the preferred orthodox location. Topographical concerns prevent the use of any other location.

Thank you for your cooperation in this matter.

Sincerely,

MARK CATRON
District Ranger





Proposed San Juan 27-4 Unit #34N well pad and pipeline

Figure 1: Project
 U.S.G.S. 7.5' Pine Lake, NM
 T27N, R4W, Section 34
 Rio Arriba County, NM

Cultural Resources

Three isolates were located by the survey.

Table 1: Isolates

IL#	T-R-S	1/4, 1/4, 1/4	UTM (Zone 13)	Topo	Veg	Description
1	27-4-35	SW/SW/SW	4044150N 301140E	base talus	p/j	Dinetah grayware sherd
2	27-4-34	SE/SE/SE	4044100N 301080E	canyon bottom	sage	Dinetah grayware sherd
3	"	"	4044050N 301040E	"	"	Dinetah grayware sherd