

DATE IN 10/3/00	SUSPENSE 10/23/00	ENGINEER MS	LOGGED KN	TYPE NSL
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

29949976

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
[DD-Directional Drilling] [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]

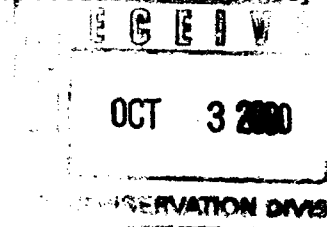
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling
X NSL NSP DD SD

Check One Only for [B] and [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] X Working, Royalty or Overriding Royalty Interest Owners
[B] Offset Operators, Leaseholders or Surface Owner
[C] Application is One Which Requires Published Legal Notice
[D] X 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 - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all 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, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Peggy Cole

Regulatory/Compliance Administrator

Print or Type Name

Signature

Title

Date

BURLINGTON RESOURCES

SAN JUAN DIVISION

Sent Federal Express October 2, 2000

Mr. Michael Stogner
New Mexico Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

10-3-00
Hayden Off w/
This
m.s.

Re: Ruple #1C
1055'FSL, 575'FEL Section 24, T-31-N, R-11-W, San Juan County
30-045-30194

Dear Mr. Stogner:

Burlington Resources is applying for administrative approval of an unorthodox gas well location for the Blanco Mesaverde pool. This location is to take advantage of the maximum drainage allowed for the fourth Mesaverde well, while avoiding the proximity of U.S. Highway 550, pipelines, and powerlines. The northwest corner of the window contains a housing development, an irrigation ditch and a wash.

Production from the Mesaverde pool is to be included in a 320 acre gas spacing and proration unit for the east half (E/2) in Section 24 and is to be dedicated to the Ruple #1X (30-045-10424) located at 654'FSL, 1980'FEL in Section 24, the Ruple #1A (30-045-22105) located at 985'FNL, 1555'FEL in Section 24, and the proposed Ruple #1B to be located in the northeast quarter (NE/4) of Section 24. In addition, we prefer not to move the location across Highway 550 to the west because of the drainage pattern of the Ruple #1X.

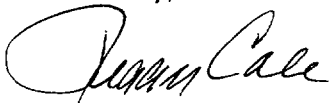
The following attachments are for your review:

- Application for Permit to Drill
- Completed C-102 at referenced location.
- Offset operators/owners plat
- Topographic map
- Geologic explanation and map

Three copies of this application are being submitted to offset operators/owners by certified mail with a request that they furnish you with a Waiver of Objection, keep one copy for their files and return one copy to this office. Please let me know if you have any questions about this application.

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

Sincerely,



Peggy Cole
Regulatory Supervisor

WAIVER

_____ hereby waives objection to Burlington Resources' application for a non-standard location for the Ruple #1C as proposed above.

By: _____ Date: _____

xc: NMOCD - Aztec District Office
Bureau of Land Management

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
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

¹ Operator Name and Address. Burlington Resources Oil & Gas Company PO Box 4289, Farmington, NM 87499		² OGRID Number 14538
⁴ Property Code 18615	⁵ Property Name Ruple	³ API Number 30-045-30194 ⁶ Well No. 1C

⁷ 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	24	31N	11W		1055	South	575	East	San Juan

⁸ 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

⁹ Proposed Pool 1

¹⁰ Proposed Pool 2

Blanco Mesaverde

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code Fee	¹⁵ Ground Level Elevation 5792'GR
¹⁶ Multiple	¹⁷ Proposed Depth 5129'	¹⁸ Formation Mesaverde	¹⁹ Contractor N/a	²⁰ Spud Date N/a

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	9 5/8"	32.3#	120'	113 cu.ft.	Surface
8 3/4"	7"	20#	2718'	818 cu.ft.	Surface
6 1/4"	4 1/2"	10.5#	5129'	284 cu ft	2618'

²² 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

²³ 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

Title: Regulatory/Compliance Administrator

Date:

3-24-00

Phone: 505-326-9700

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY CHARLIE T. PERREN

Title:

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Approval Date:

MAR 24 2000

Expiration Date:

MAR 24 2001

Conditions of Approval:

Attached ☐

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
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

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⁴ Property Code 18615	⁵ Property Name Ruple	³ API Number 30-045-30194 ⁶ Well No. 1C

⁷ 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	24	31N	11W		1055	South	575	East	San Juan

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11" 2000 psi minimum double gate BOP

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Peggy Cole</i> Printed name: Peggy Bradfield Title: Regulatory/Compliance Administrator Date: 3-24-00 Phone: 505-326-9700		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY CHARLIE T. PERREN Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3 Approval Date: MAR 24 2000 Expiration Date: MAR 24 2001 Conditions of Approval: Attached <input type="checkbox"/>
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Act I
Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, 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 30-045-30194		*Pool Code 72319	*Pool Name Blanco Mesaverde
*Property Code 18615	*Property Name RUPLE		*Well Number 1C
*DGRID No. 14538	*Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY		*Elevation 5792'

¹⁰ Surface Location


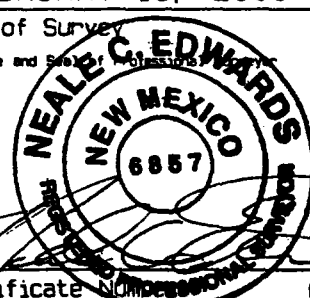
UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County
P	24	31N	11W		1055	SOUTH	575	EAST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 10n	Feet from the	North/South line	Feet from the	East/West line	County

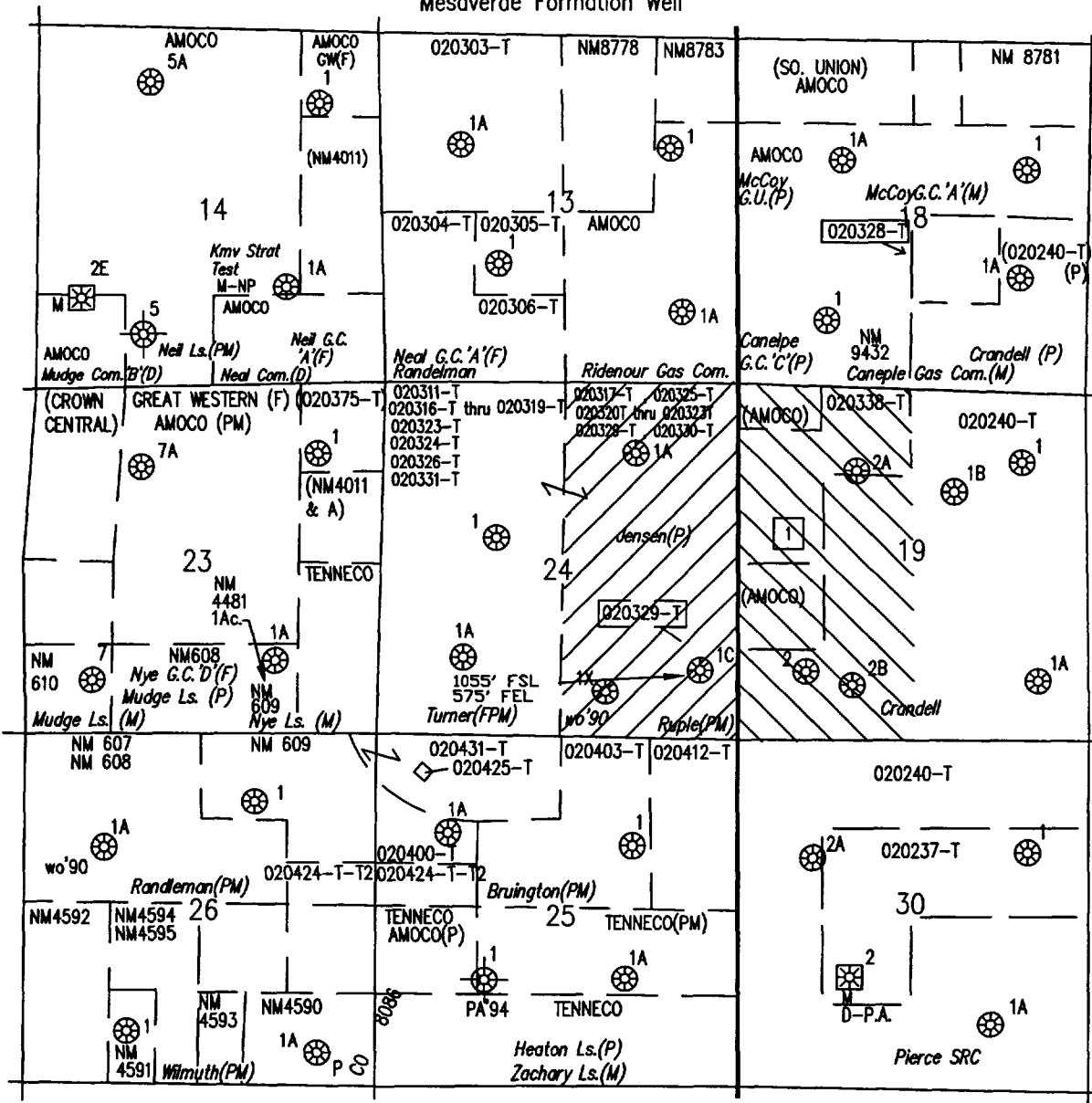
¹² Dedicated Acres 320 E/324.58	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div> 5252.28' 5268.78' 24 FEE 5368.44' LAT: 36°52.8' N LONG: 107°56.1' W 575' 1055'</div>	<div><p>¹⁷ OPERATOR CERTIFICATION</p><p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p><p><i>Peggy Cole</i> Signature Peggy Cole Printed Name Regulatory Administrator Title 3-23-00 Date</p></div>
	<div><p>¹⁸ SURVEYOR CERTIFICATION</p><p>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.</p><p>FEBRUARY 16, 2000 Date of Survey <i>NEALE C. EDWARDS</i> Signature and Seal of Commissioner  Certificate Number 6857</p></div>

Section 24, T-31-N, R-11-W
OFFSET OPERATOR/OWNER PLAT

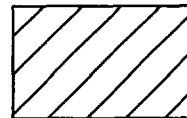
Nonstandard Location
Mesaverde Formation Well



1 Burlington Resources – Operator

Amoco Production Company – Working Interest Owner
Attention: Don Duhrkopf – BP Exploration
PO Box 3092
Houston, Texas 77253-3092

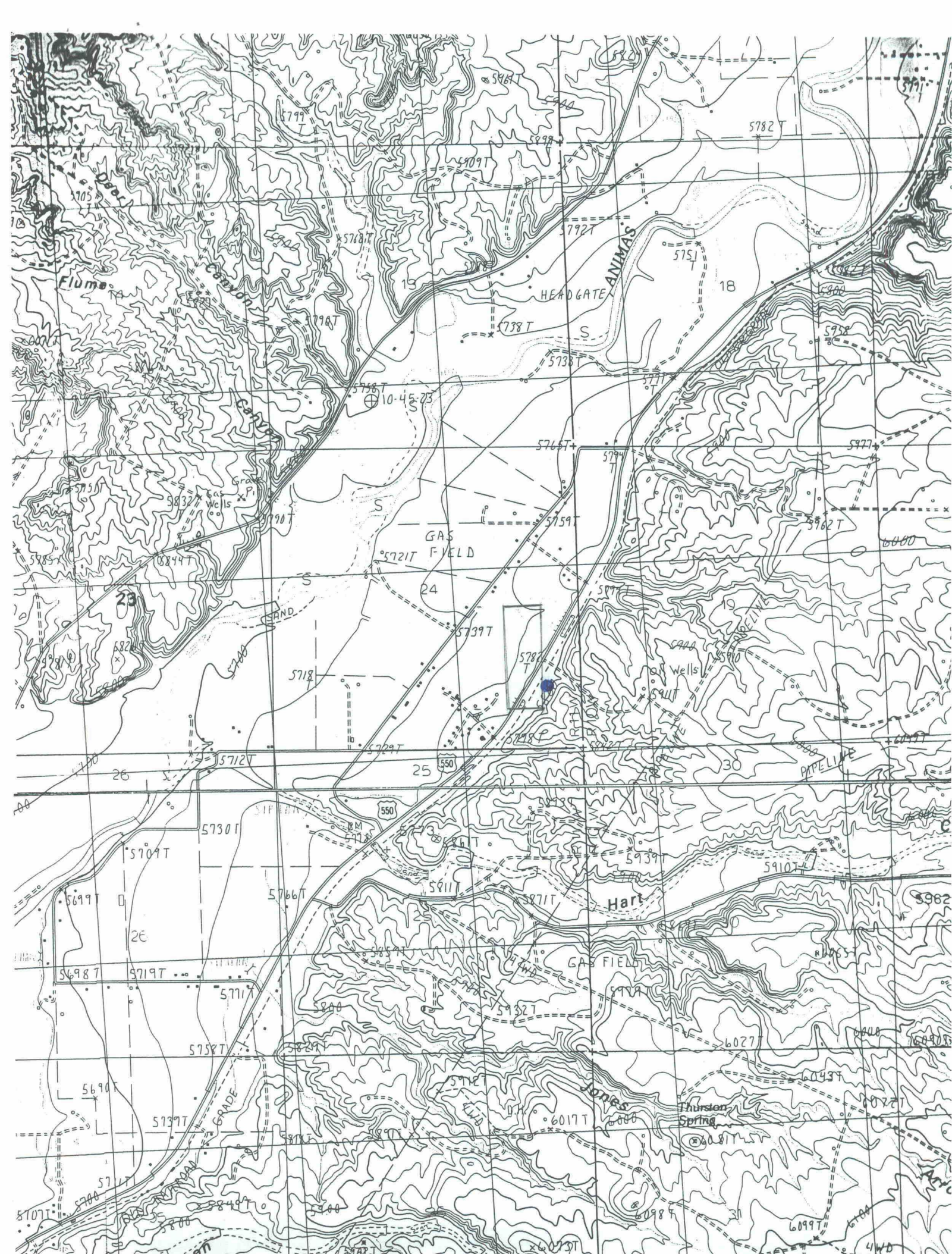
Conoco, Inc. - Working Interest Owner
Attention: Eva Rodriguez
PO Box 2197
Houston, Texas 77252-2197



Proposed Well

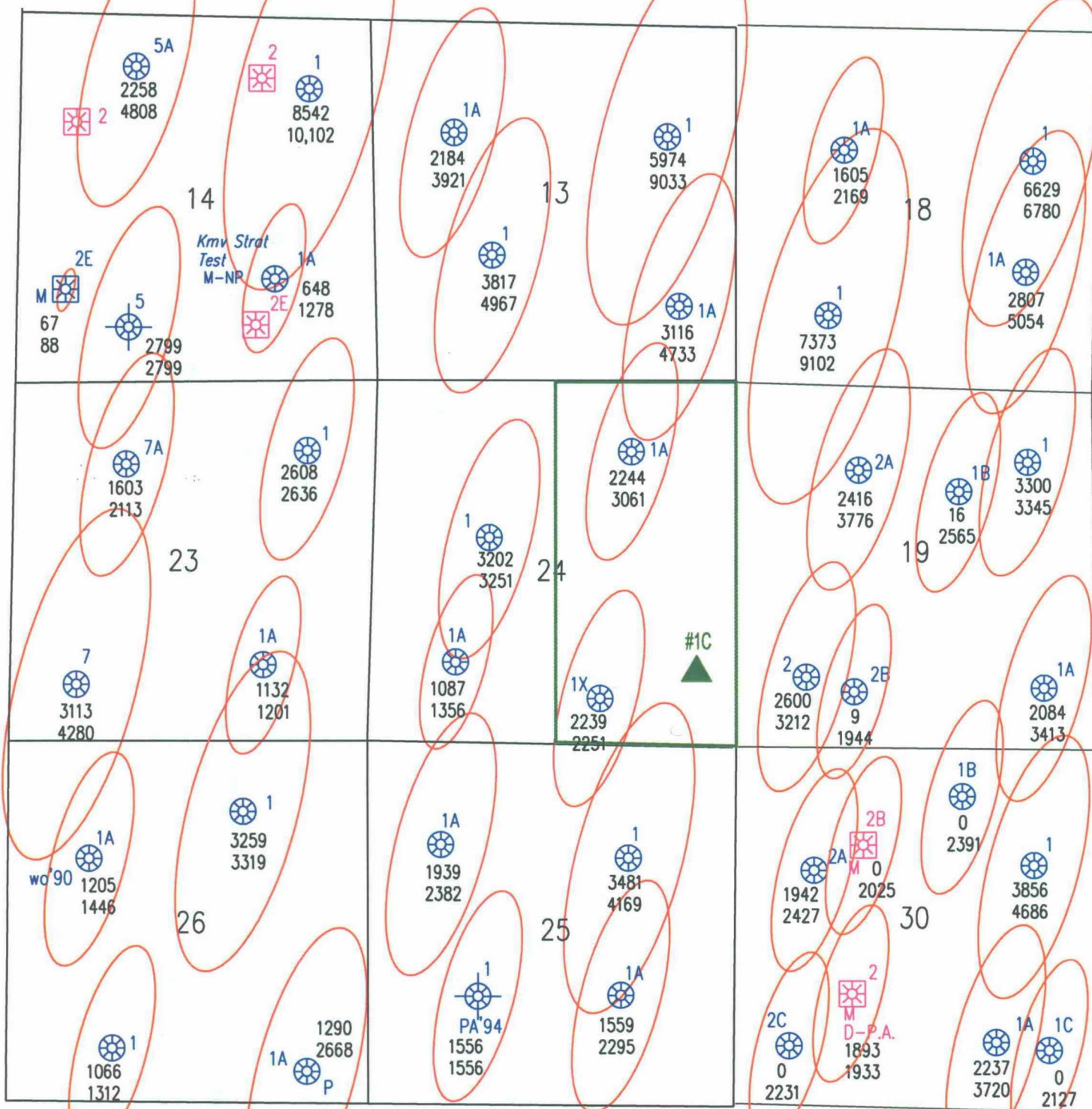


Offset Operator



Ruple #1C

31N - 11W - 24
Blanco Mesaverde



▲ Proposed Location
Ruple #1C

□ Spacing Unit
Ruple #1C

⊙ MV CUM
MV EUR

○ Drainage Ellipse
(based on MV EUR)

Proposed Ruple Well Number 1C
1055' FSL & 575' FEL
Section 24, T31N, R11W
San Juan County, New Mexico
Blanco Mesaverde Pool
Estimated TD 5129'

The Mesaverde spacing unit for the Ruple 1C is the E/2 of Section 24-T31N-R11W. The proposed test is staked at a non-standard Mesaverde gas well location within the spacing unit. The Ruple 1C will be the third Mesaverde producing well located in the 320-acre spacing unit. (Burlington Resources also plans to drill the Ruple 1B as a Mesaverde new drill project to be located in the E/2NE/4 of Section 24-T31N-R11W.) 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 by the Ruple1C in the E/2SE/4 of Section 24-T31N-R11W. 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). Every effort was made to locate the Ruple 1C at a standard Mesaverde gas well location in the E/2SE/4 of Section 24 that would also not create significant Mesaverde drainage area overlap with the Ruple 1X, located in the SW/4SE/4 of Section 24, T31N, R11W. Unfortunately, it was not possible to find such a location due to surface issues.

Re: Ruple #1C
1055'FSL, 575'FEL Section 24, T-31-N, R-11-W, San Juan County
30-045-30194

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

Amoco Production
Att: Don Duhrkopf
PO Box 3092
Houston, TX 77253-3092

Conoco Inc.
Att: Eva Rodriguez
PO Box 2197
Houston, TX 77252-2197



Peggy Cole
Regulatory Supervisor

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

10/18/00 12:03:56
OGOMES -TQKM
PAGE NO: 1

Sec : 24 Twp : 31N Rng : 11W Section Type : NORMAL

D 40.00	C 40.00	B 40.00	A 40.00
Fee owned	Fee owned	Fee owned	Fee owned
		A	A
E 40.00	F 40.00	G 40.00	H 40.00
Fee owned	Fee owned	Fee owned	Fee owned
	A A		

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

CMD :
OG5SECTONGARD
INQUIRE LAND BY SECTION10/18/00 12:04:04
OGOMES -TQKN
PAGE NO: 2

Sec : 24 Twp : 31N Rng : 11W Section Type : NORMAL

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

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