



NSL 4/14/98

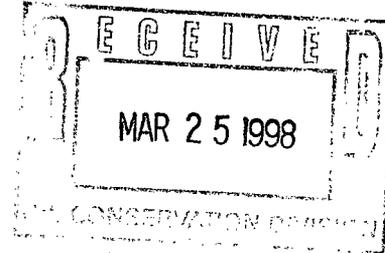
Mid-Continent Region  
Exploration/Production

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

March 23, 1998

MVØ3.

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
2040 Pacheco  
Santa Fe, New Mexico 87504



RE: Application for Non-Standard Location

San Juan 28-7 Unit Well # 252  
API # 30-039-21653  
Rio Arriba County, NM

51  
2840  
1850  
790

Dear Mr. Stogner:

Conoco's 28-7 Unit Well # 252 is located 790' FNL & 1850' FWL of Section 32, T-28-N, R-7-W, Rio Arriba County, New Mexico. Because Section 32 is slightly irregular in size, this location is non-standard towards the interior centerline of Section 32 by 18'. Standard setback would be at least 790', the #252 is 771' from the centerline. Please note that this location does not encroach on the edge of the 28-7 unit, and that Conoco, Inc is the operator of all wells in the offset 320 acre proration units.

Conoco, Inc is in the process of recompleting the #252 to the Blanco Mesaverde. Conoco filed a NOI with the BLM to recomplete to the Mesaverde which was approved 1/30/98, an application to downhole commingle the Dakota and Mesaverde was also filed and approved by Administrative Order # DHC-1799. Conoco did not, however obtain an NSL for the Mesaverde. Since Section 32 appears to be a regular Section, and since 790' FNL and 1850' FWL would be a standard location in a "regular" Section; it was wrongly assumed that the well was at a standard location.

A copy of El Paos's application for a non-standard location as regards the Basin Dakota Pool is attached. A series of high cliffs in the northern half of the quarter section was cited as the reason for not being able to place the well at a standard location. Administrative Order # NSL-1051 and NSL -1058 (attached) was subsequently issued, approving El Paso's request.

Conoco was premature in performing the Mesaverde recompletion without obtaining approval for the pre-existing, non-standard location, and regrets this oversight. Conoco, Inc now respectfully requests that Administrative Order NSL - 1058 that was issued for the Dakota be amended to include the Mesaverde. This request is based on the following facts: the well is interior to the 28-7 unit, does not encroach on the unit edge, Conoco, Inc operates all wells in the offsetting proration units, and the fact that utilizing the existing wellbore to access Mesaverde reserves prevents economic waste.



Mid-Continent Region  
Exploration/Production  
-2-

Conoco Inc.  
10 Desta Drive, Suite 100W  
Midland, TX 79705-4500  
(915) 686-5400

If there are any further questions regarding this request please call me at (915) 686-5798.

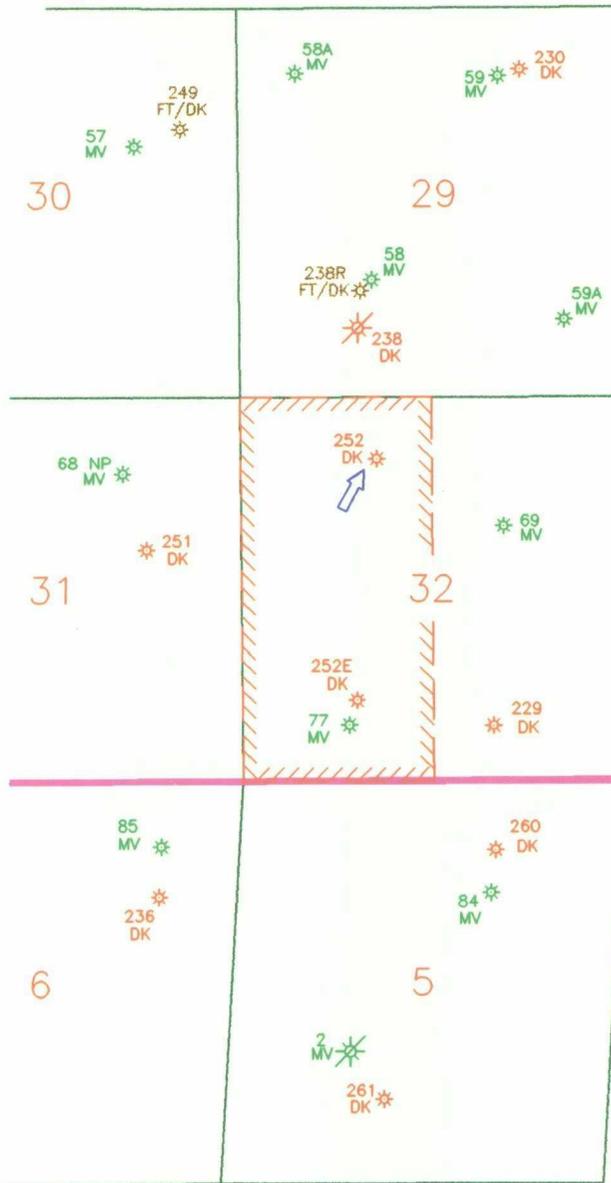
Sincerely Yours,

A handwritten signature in cursive script that reads "Kay Maddox".

Kay Maddox  
Regulatory Agent

Km/  
Cc: Oil Conservation Division - Aztec

R 7 W



T  
28  
N

T  
27  
N

**SAN JUAN 28-7 UNIT  
RIO ARRIBA CO., N.M.**

<p>NOTES</p> <p>NOTE: LOCATION IS NON-STANDARD TOWARDS AN INTERIOR UNIT LINE. CONOCO OPERATES ALL WELLS IN SJ 28-7 UNIT. REQUEST MODIFICATION OF NSL-1058. (ISSUED FOR BASIN DAKOTA) TO INCLUDE BLANCO MESAVERDE.</p>	<p>DATE: 03/20/98</p>	<p> EPNGNA MIDLAND DIVISION</p>		
	<p>DRAWN BY: GLG</p>			<p>CONOCO 28-7 UNIT MESAVERDE &amp; DAKOTA PRODUCERS San Juan 28-7 Unit #252 Non-Standard Location</p>
	<p>CHECKED BY:</p>	<p>APPROVED BY:</p>	<p>STATE    API    WELL</p> <p>30    \    039    \    21653</p>	<p>DRAWING</p> <p>28-7_252</p>
	<p>SCALE: 1" = 2640'</p>	<p>STATE PLANE COORDINATES REFERRED TO NAD27 - N.M. WEST STATE PLANE COORDINATES ZONE - 3003</p>	<p>CONOCO INC. OFFICE 10 DESTA DRIVE WEST MIDLAND, TEXAS 79705</p>	

District I  
PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico  
Energy, Minerals & Natural Resources Department

Revised February 21, 1994  
instructions on back

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

OIL CONSERVATION DIVISION

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

District III  
1000 Rio Brazos Rd. Aztec, NM 87410

PO Box 2088

Santa Fe, NM 87504-2088

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-21653		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 016608		5 Property Name San Juan 28-7 Unit			6 Well Number 252
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 6036' GL

10 Surface Location

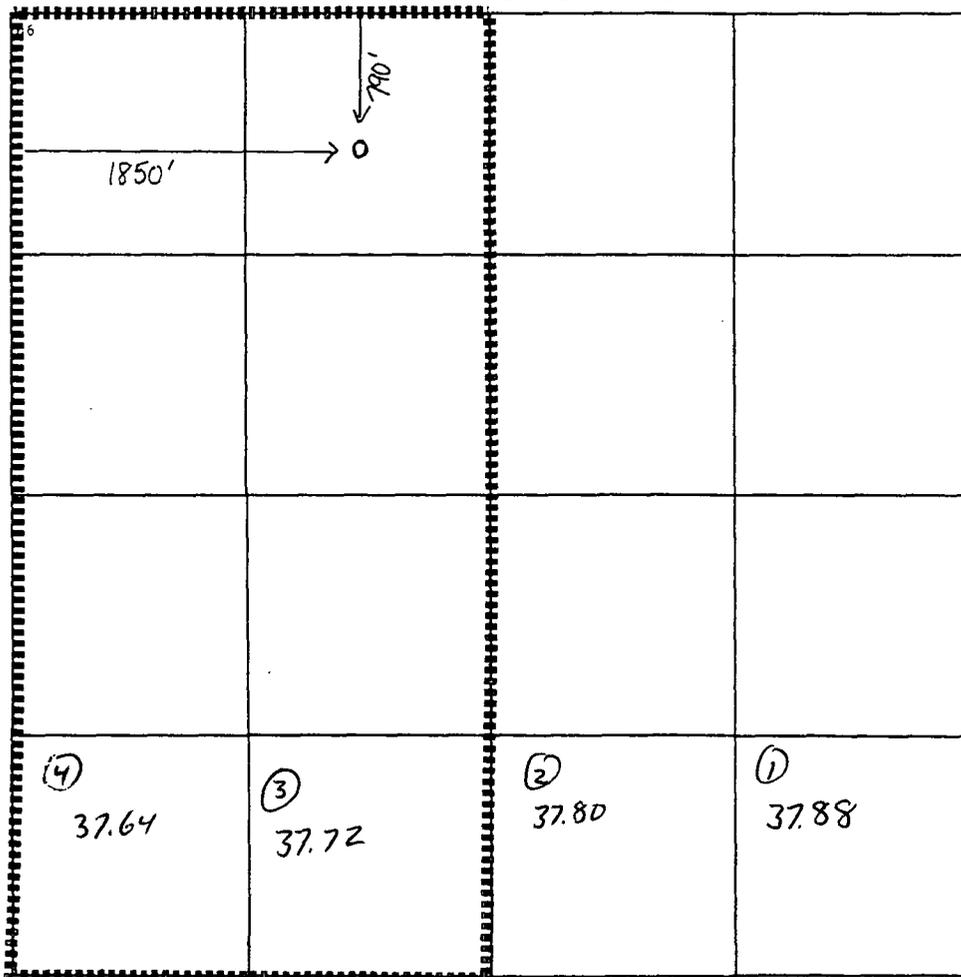
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	28N	7W		790	North	1850	West	Rio Arriba

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 315.36	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

*Kay Maddox*  
Signature  
Kay Maddox  
Printed Name

Regulatory Agent  
Title

January 6, '98  
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  
Signature and Seal of Professional Surveyor.

Certificate Number

37.64  
37.72  
37.80  
37.88  
155.36  
16  
315.36



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR  
LARRY KEHOE  
SECRETARY

June 26, 1979

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Attention: L. A. Aimes

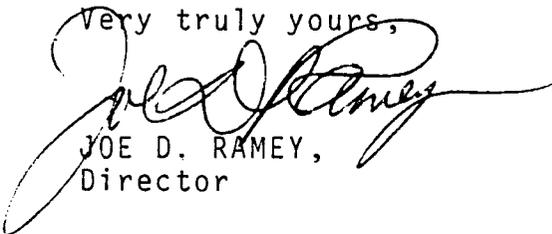
Administrative Order NSL-1051

Gentlemen:

Reference is made to your application for a non-standard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin-Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Very truly yours,

  
JOE D. RAMEY,  
Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec  
Oil & Gas Engineering Committee - Hobbs  
U. S. Geological Survey - Farmington



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR  
LARRY KEHOE  
SECRETARY

July 26, 1979

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Attention: L. A. Aimes

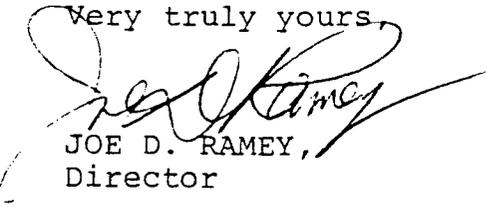
Administrative Order NSL-1058

Gentlemen:

Reference is made to your application for a non-standard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V, the above-described unorthodox location is hereby approved.

Very truly yours,

  
JOE D. RAMEY,  
Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec  
Oil & Gas Engineering Committee - Hobbs  
U. S. Geological Survey - Farmington

N MEXICO OIL CONSERVATION COMMISSION  
 WE LOCATION AND ACREAGE DEDICATION PLAT

PLAT NO. 1

Form C-102  
 Supersedes C-128  
 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

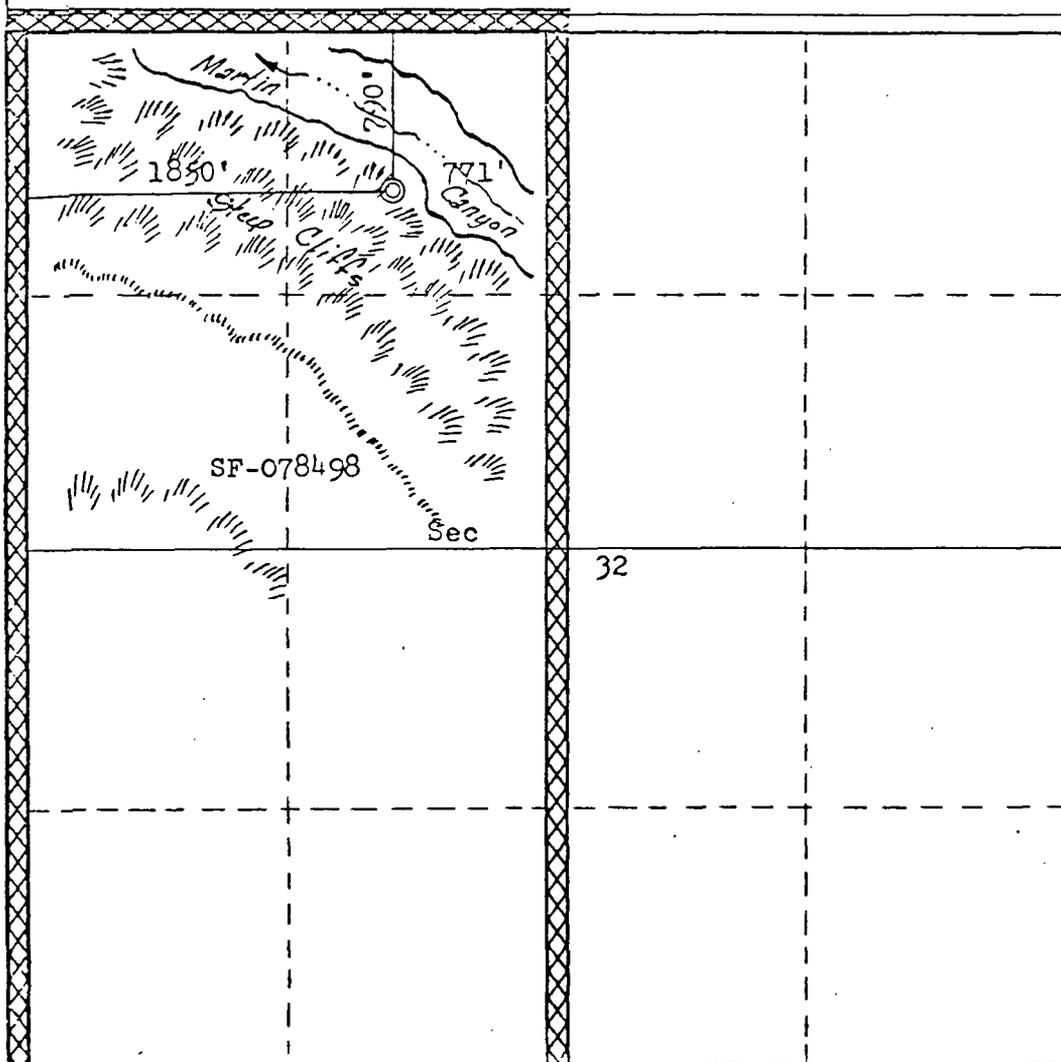
Operator El Paso Natural Gas Company			Lease San Juan 28-7 Unit (SF-078498)		Well No. 252
Unit Letter C	Section 32	Township 28N	Range 7W	County Rio Arriba	
Actual Footage Location of Well: 790 feet from the North line and 1850 feet from the West line					
Ground Level Elev. 6036	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 315.36 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. NOTE: THIS PLAT REISSUED TO SHOW TERRAIN FOR UNORTHODOX LOCATION. 6-13-79



CERTIFICATION

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

*J. P. Brisco*

Name  
Drilling Clerk  
Position  
El Paso Natural Gas Co.  
Company  
June 21, 1979  
Date

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 knowledge and belief.

Date Surveyed  
November 27, 1977

Registered Professional Engineer  
and/or Land Surveyor  
*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No.  
3950

0 330 660 990 1320 1650 1980 2310 2540 2000 1500 1000 500 0

EL PASO NATURAL GAS COMPANY

PLAT NO. 2

Well Name San Juan 28-7 #252

Basin Dakota

Footage---790' FNL, 1850' FWL

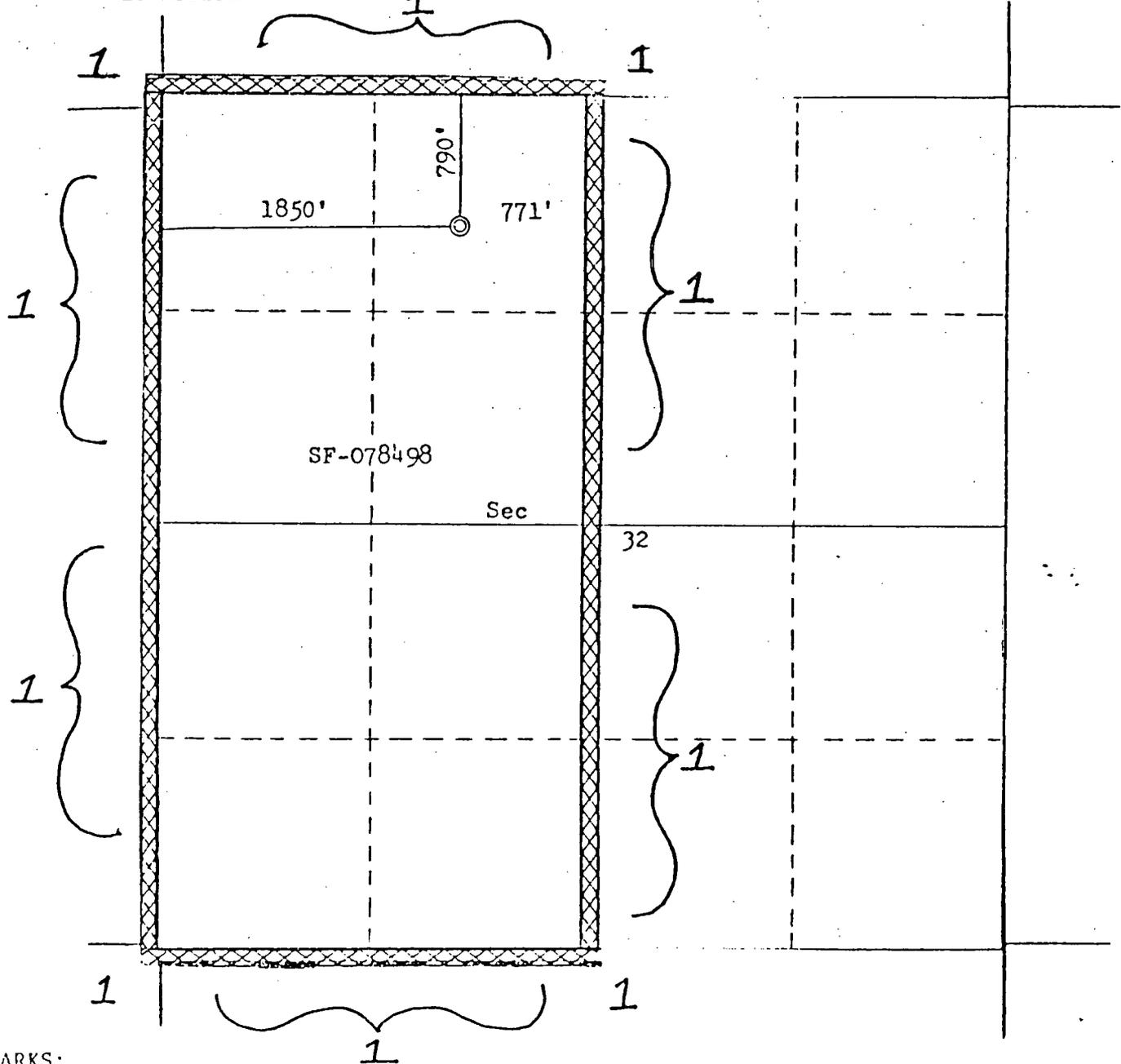
APPLICATION FOR NON-STANDARD LOCATION

County Rio Arriba

State New Mexico

Section 32 Township 28N

Range 7W



REMARKS:

(1) El Paso Natural Gas Company

xc: Mr. C. E. Matthews  
 Mr. W. D. Dawson  
 Mr. L. A. Aimes



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

June 26, 1979

BRUCE KING  
GOVERNOR

LARRY KEHOE  
SECRETARY

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Attention: L. A. Aimes

Administrative Order NSL-1051

Gentlemen:

Reference is made to your application for a non-standard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin-Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Very truly yours,

JOE D. RAMEY,  
Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec  
Oil & Gas Engineering Committee - Hobbs  
U. S. Geological Survey - Farmington



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

LARRY KEHOE  
SECRETARY

July 26, 1979

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-2434

El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Attention: L. A. Aimes

Administrative Order NSL-1058

Gentlemen:

Reference is made to your application for a non-standard location for your San Juan 28-7 Unit Well No. 252 to be located 790 feet from the North line and 1850 feet from the West line of Section 32, Township 28 North, Range 7 West, NMPM, Basin Dakota Pool, Rio Arriba County, New Mexico.

By authority granted me under the provisions of Rule 3 of Order No. R-1670-V, the above-described unorthodox location is hereby approved.

Very truly yours,

JOE D. RAMEY,  
Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec  
Oil & Gas Engineering Committee - Hobbs  
U. S. Geological Survey - Farmington



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

**ADMINISTRATIVE ORDER DHC-1799**

Conoco Inc.  
10 Desta Drive  
Suite 100W  
Midland, Texas 79705-4500

Attention: Ms. Kay Maddox

*San Juan 28-7 Unit No. 252  
API No. 30-039-21653  
Unit C, Section 32, Township 28 North, Range 7 West, NMPM,  
Rio Arriba County, New Mexico.  
Blanco-Mesaverde (Prorated Gas - 72319) and  
Basin-Dakota (Prorated Gas - 71599) Pools*

Dear Ms. Maddox:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Production from the subject well shall be allocated as follows:

Gas and oil production from the Basin-Dakota Gas Pool shall be determined utilizing the mid-year average production forecast submitted by the applicant as an attachment to the downhole commingling application. Gas and oil production from the Blanco-Mesaverde Gas Pool shall be determined by subtracting Basin-Dakota Gas Pool production from the well's total monthly oil and gas production.

*Administrative Order DHC-1799*

*Conoco Inc.*

*February 24, 1998*

*Page 2*

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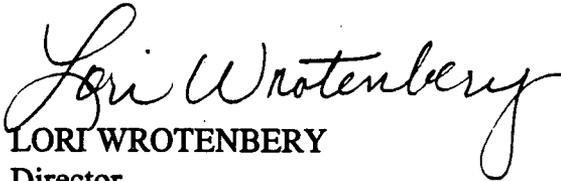
The allocation method established herein may be altered at some time subsequent to initiating downhole commingling operations upon request by the operator and for good cause shown.

REMARKS: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 24th day of February, 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
LORI WROTENBERY  
Director

S E A L

LW/DRC

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

*SUBMIT IN TRIPLICATE*

58 JAN 28 PM 1:55  
070 FARMINGTON, NM

5. Lease Designation and Serial No.  
**SF 078498A**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**San Juan 28-7 # 252**

9. API Well No.  
**30-039-21653**

10. Field and Pool, or Exploratory Area  
**Blanco Mesaverde, Basin Dakota**

11. County or Parish, State  
**Rio Arriba**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**CONOCO INC.**

3. Address and Telephone No.  
**10 DESTA DR. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424**

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)  
**Section 32, T-28-N, R-7-W  
790' FNL & 1850' FWL**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Repon	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracrunng
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

Note: Repon results of multiple completion Wdl Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well will be recompleted to the Mesaverde using the attached procedure.

RECEIVED  
FEB 17 1998  
OIL CON. DIV.  
DIST. 3

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

\*\*\* The Mesaverde & Dakota will be downhole commingled in this well upon approval.

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

Signed *Kay Maddox* Title Kay Maddox Date *Jan 26, '98*  
(This space for Federal or State office use)  
 Approved by *Duane W. Spencer* Title \_\_\_\_\_ Date JAN 30 1998  
 Conditions of approval if any: \_\_\_\_\_

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

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

\*See Instruction on Reverse Side

NMOCD

**San Juan 28-7 Unit #252  
Mesaverde Recompletion Procedure**

1. Hold safety meeting. MIRU workover unit. If necessary, kill well with a minimum of 1 % KCl. NU BOP and POOH w/ production string.
2. RU wireline unit and RIH w/ Composite bridge plug. Set plug at +/- 5500' and test casing to 3,000 psi.
3. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR . Correlate to attached log section and perforate the following depths:
  - A. If necessary, pressure up on casing to 3000 psi prior to firing guns.

**Lower Point Lookout**

4985',  
5006', 63', 66', 81',  
5122', 26', 31', 95', & 97'

Total: 10 shots.

4. Break down perfs using 500 gallons 15% HCl and 50% excess 1.1 sg balls (15) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.  
**DO NOT EXCEED 3000 PSI**
5. Surge balls off perforations.
6. RIH w/ Composite bridge plug on wireline and set at 4975'. Test casing to 3000 psi.
7. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to the attached log and perforate the following depths:
  - A. If necessary, spot 15% HCl from 4850' to 4800' using a dump bailer.
  - B. If necessary, pressure up on casing to 3000 psi prior to firing guns.

**Upper Point Lookout**

4723', 38', 54', 83', 94', 99',  
4804', 06', 09', 16', 19', 25', 31', 33', 37', 39', 49', 52', 55', 59', 69, 72', 75', 84', 89',  
4891',  
4905', 15', 18', 39', 46', & 51'

Total: 32 shots. (If necessary, drop 4723', 38', 54', & 83' perfs)

**San Juan 28-7 Unit #252  
Mesaverde Recompletion Procedure**

8. Break down perfs using 500 gallons acid and 50% excess 1.1 sg balls (48) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.  
**DO NOT EXCEED 3000 PSI**
10. Retrieve balls using wireline catcher. Check to determine # of hits. If less than 80% (25), re-acidize. Prep to frac.
11. Frac per attached schedule. Retain frac equipment.
12. RIH w/ Composite bridge plug on wireline and set at 4700'. Test casing to 3000 psi.
13. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to the attached log and perforate the following depths:
  - A. If necessary, spot 15% HCl from 4600' to 4550' using a dump bailer.
  - B. If necessary, pressure up on casing to 3000 psi prior to firing guns.

**Menefee**

4409', 11', 33', 35', 47', 49', 67', 69', 87', 93',  
4503', 05', 07', 09', 21', 23', 53', 55', 92', 94', 96', 98',  
4643', & 45'

Total: 24 shots.

14. Break down perfs using 500 gallons acid and 50% excess 1.1 sg balls (36) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.  
**DO NOT EXCEED 3000 PSI**
15. Retrieve balls using wireline catcher. Check to determine # of hits. If less than 80% (19), re-acidize. Prep to frac.
16. Frac per attached schedule. Leave frac equipment on location.
17. RIH w/ Composite bridge plug on wireline and set at 4370'. Test casing to 3000 psi.

**San Juan 28-7 Unit #252  
Mesaverde Recompletion Procedure**

18. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to the attached log and perforate the following depths:
- A. If necessary, spot 15% HCl from 4340' to 4290' using a dump bailer.
  - B. If necessary, pressure up on casing to 3000 psi prior to firing guns.

**Cliffhouse**

4239', 41', 76', 79', 82', 85', 88', 91', 94', 97',  
4300', 13', 15', 18', 21', 24', 27', 30', 33', 36', & 39'

Total: 21 shots.

19. Break down perms using 500 gallons acid and 50% excess 1.1 sg balls (32) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.  
**DO NOT EXCEED 3000 PSI**
20. Retrieve balls using wireline catcher. Check to determine # of hits. If less than 80% (17), re-acidize. Prep to frac.
21. Frac per attached schedule. Clean location and release frac equipment.
22. RU compressors and drill out bridge plugs w/ gas. Clean out well to PBTD (7055') Jet well w/ gas until well will flow on its own. Drywatch as necessary.
18. PU & RIH w/ 2 3/8" production string. Land SN at +/- 6990'. ND BOP and NU wellhead.
19. Record and notify necessary personnel for regulatory and gas allocation purposes.
20. RDMO workover unit.
21. Thank You.

Prepared by: \_\_\_\_\_

Randy B. Herring,  
Production Engineer

Box 1980, Hobbs, NM 88241-1980  
 District II  
 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

*690*  
 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 30-039-21653		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 016608		5 Property Name San Juan 28-7 Unit			6 Well Number 252
7 OGRID No. 005073		8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500			9 Elevation 6036' GL

10 Surface Location

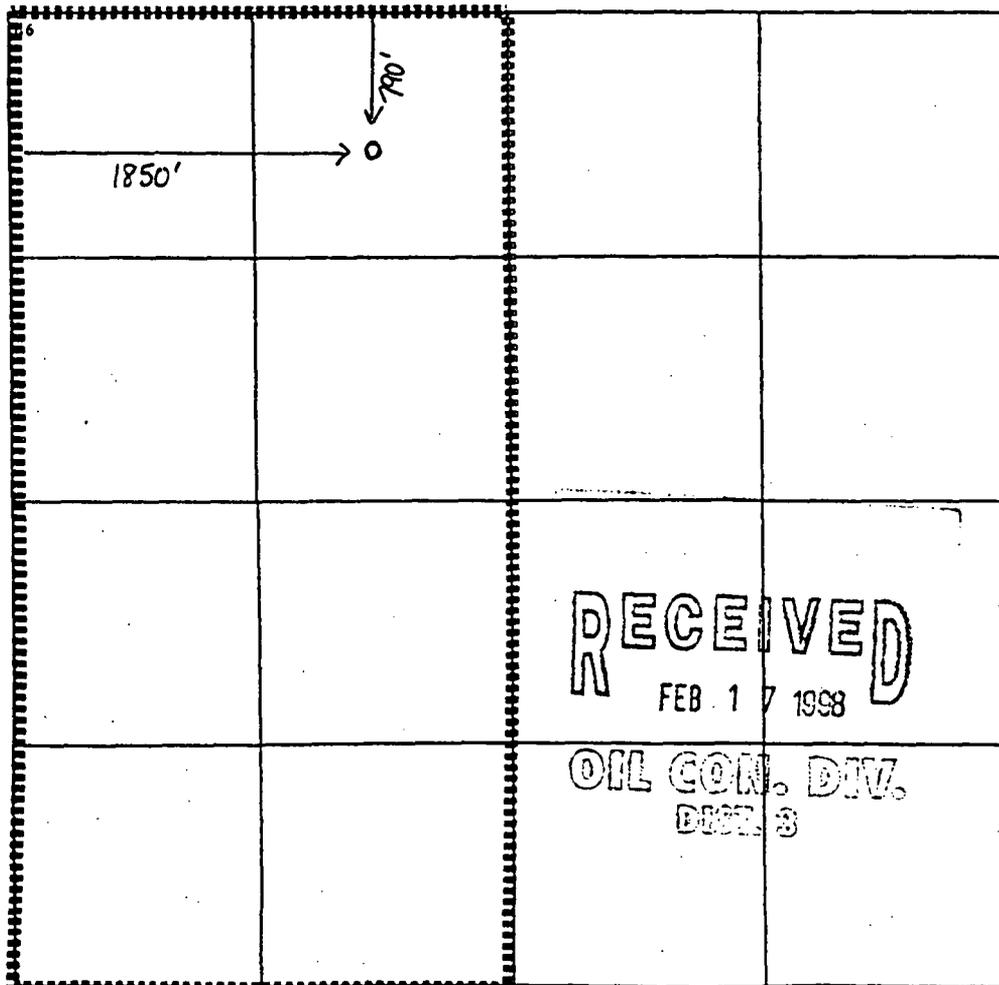
UL or LR no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	28N	7W		790	North	1850	West	Rio Arriba

11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 315.36	13 Joint or Infill	14 Consolidation Code	15 Order No.
------------------------------	--------------------	-----------------------	--------------

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

*Kay Maddox*  
 Signature  
 Kay Maddox  
 Printed Name

Regulatory Agent  
 Title

*January 6, '98*  
 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  
 Signature and Seal of Professional Surveyor

Certificate Number

RECEIVED  
 FEB 17 1998  
 OIL CON. DIV.  
 DIST. 3

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**COPY**

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

RECEIVED  
BLM

5. LEASE DESIGNATION AND SERIAL NO.  
SF-078498A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

97 NOV 26 PM 12:18  
070 FARMINGTON, NM

SUBMIT IN TRIPLICATE

7. IF UNIT OR CA, AGREEMENT DESIGNATION

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER

8. WELL NAME AND NO.  
San Juan 28-7 Unit #252

2. NAME OF OPERATOR  
CONOCO INC.

9. API WELL NO.  
30-039-21653

3. ADDRESS AND TELEPHONE NO.  
10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915-686-5424)

10. FIELD AND POOL, OR EXPLORATORY AREA  
BLANCO IV/DAKOTA

4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)  
790' FNL - 1850' FWL SEC. 32 T28N-R07W UNIT LETTER 'C'

11. COUNTY OR PARISH, STATE  
RIO ARRIBA, NM

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other: Change tubing & test casing, reperf Dakota

- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

RECEIVED  
DEC - 1 1997

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)
- 11/03/97 MIRU spot equipment. DIST. 3
  - 11/04/97 245# csg, 0# csgn, pump 5 bbls down tubing, kill well, NDWH, NUBOP, drop SV in 2-3/8" tubing, load tubing, TOOH looking for leak, found 3 pencil lead sized holes in tubing @ 1700', replaced one joint, tested string to 800# OK, reland tubing @ 6994' w/ SN on bottom, NDBOP, NUWH, RU swab fluid level in tubing to 5000', RET SV, fluid dropped to 6000', SDON.
  - 11/05/97 110# csg, 0# tbg, Check FL @ 6000' in tubing, swab dry no gas up tbg, NDWH, NUBOP, TOOH w/ tbg, TIH w/ Halliburton RBP & PKR, set RBP @ 6646' (182 above top DK perf) PU 1 jt set PKR test plug to 1000# OK, REL PKR test casing from 6646' to surface 500# OK, RU swab, swab casing down to 5000', SDON.
  - 11/06/97 Continue swabbing, swab FL to 6200', release RBP & TOOH, RU wireline, reperformate DK zone w/ 13 holes @ 6828', 34, 40, 46, 6920, 47, 53, 59, 79, 86, 99, 7018, 7042'. RD wireline, SDON
  - 11/07/97 TIH w/ Halliburton PPI treating PKR w/ 2' spacing, RU BJ acid pump truck, test treat line to 3500# ok, set PKR in blank pipe drop SV, test tubing & PKR to 2500# ok, Rel PKR, spot acid to end of tbg, PU & set across each perforation in 12 sets, BD each perf w/ 1 bbl 15% Hcl @ 2.2 BPM, 250# max, RD BJ, Ret SV from PKR, TOOH w/ tools, TIH w/ 2-3/8" SN & tbg to 6995', RU to swab, fluid level @ 5500', made 4 runs recovered 12 bbls, SDON.
  - 11/10/97 Casing 375#, tbg 100#, flowed tubing to rig pit 30 min died, RIH w/ swab tag fluid level @ 5800', swab to 6600', slight gas flow up tubing, casing dropped to 325#, wait 30 min swab back another 1/2 to 3/4 bbl fluid each run, recovered 15 bbls total today, SDON.
  - 11/11/97 360# csg, 80#, flow tbg to rig pit died in 30 min, RIH w/ swab initial fluid level @ 5800', made 1 swab run kicked off well flow thru 1/2" choke flowed 1 hr died, cont swabbing recovered 6 bbls total fluid, ND swab lubricator, NDBOP, NUWH, RDMO.

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

SIGNED

*Debra Bemenderfer*

DEBRA BEMENDERFER

TITLE As Agent for Conoco Inc.

DATE 11-19-97

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

Conditions of approval, if any:

ACCEPTED FOR RECORD

NOV 26 1997

FARMINGTON DISTRICT OFFICE

NMOCD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**COPY**

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

RECEIVED  
BLM

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

5. LEASE DESIGNATION AND SERIAL NO.  
**SF-078498A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. IF UNIT OR CA, AGREEMENT DESIGNATION

8. WELL NAME AND NO.  
**San Juan 28-7 Unit #252**

9. API WELL NO.  
**30-039-21653**

10. FIELD AND POOL, OR EXPLORATORY AREA  
**BLANCO MV/DAKOTA**

11. COUNTY OR PARISH, STATE  
**RIO ARRIBA, NM**

SUBMIT IN TRIPLICATE **070 FARMINGTON, NM**

1. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
**CONOCO INC.**

3. ADDRESS AND TELEPHONE NO.  
**10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915-686-5424)**

4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)  
**790' FNL - 1850' FWL SEC. 32 T28N-R07W UNIT LETTER 'C'**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other: Change tubing & test casing
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

*(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)*

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

8/02/97 MIRU Big 'A' rig #10, set Auxilliary Equipment (Mud Tank & Pump). Pump 20 bbls of 1% KCl water to kill well. Bled well, ND WH. NU BOP. Unset tbg hanger, rubber seal rings cut. TIH & tag PBTD @ 7024', 31' of fill. TOOH w/ 230-Jts 2-2/3" 4.7# J-55 tbg & 1.78" ID SN, pulled last 16-stands wet. Found plunger spring stop scaled in SN, 1-Jt of tbg below SN had scale build-up on ID. SI well and secure for night.

8/04/97 SICIP=180#, bled well to tank. TIH w/ bailer, drifting 2-3/8" tbg, the joint hat had been above the SN would not drift. CO fill from 7024' to PBTD @ 7055'. TOOH w/ bailer and tbg, recovered frac sand. TIH w/ 1/78" ID SN on 226-Jts of 2-3/8" 4.7# J-55 8rd EUE tbg to 6901' (SD 30-Mins for Lightning). Install tbg hanger. ND BOP. Install WH. RU to swab. Tag FL @ 6000', made 3-swab and tag FL @ 6000', swabbed dry in 2-runs. SD for 1-hr, RIH w/ swab and tag FL @ 6000', swabbed dry in 2-runs. Made 12.5-Bbls of fluid in 3-hrs. SI well and secured for night.

8/05/97 SICIP = SITP = 170#. Bled off tbg. RU swab. FL @ 6000'. Made 2-swab runs to SN, tbg dry. Making 1-run every 45-minutes, FL @ 6000' ea. run, Pcsq held at 160#. Rec 25-Bbls in 12-Hrs. SI well & secured for night.

8/06/97 SITP = SICIP = 170#. RD swab. RDMO.

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

SIGNED *Debra Bemenderfer* TITLE As Agent for Conoco Inc. DATE 8-18-97

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of approval, if any:

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

**ACCEPTED FOR RECORD**

\* See Instruction on Reverse Side

AUG 20 1997

**FARMINGTON DISTRICT OFFICE**

NM000

District I  
 PO Box 1960, Hobbs, NM 88241-1960  
 District II  
 PO Drawer DD, Artesia, NM 88211-0719  
 District III  
 1000 Rio Bravo Rd., Aztec, NM 87410  
 District IV  
 PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
 Energy, Minerals & Natural Resources Department

Form C-104  
 Revised February 10, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 5 Copies

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

'95 APR 21 PM 8 52

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address CONOCO INC. 10 Desta Drive Ste 100W MIDLAND, TEXAS 79705		OGRID Number 005073
		Reason for Filing Code CH (EFFECTIVE 3-1-95) CO (EFFECTIVE 4-1-95)
API Number 30 - 0 39-21653	Pool Name BASIN DAKOTA	Pool Code 71599
Property Code 10608	Property Name SAN JUAN 28-7 Unit	Well Number 252

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	32	28 N	7 W		790	NORTH	1850	WEST	RIO ARRIBA

Bottom Hole Location

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

Lea Code F	Producing Method Code P	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
---------------	----------------------------	---------------------	---------------------	----------------------	-----------------------

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
014538	MERIDIAN OIL INC. P.O. BOX 4289 FARMINGTON, NM. 87499	115410	0	C 32 28N 7W
007057	EL PASO NATURAL GAS CO. P.O. BOX 4990 FARMINGTON, NM 87499	115430	G	C 32 28N 7W
009018	GIANT REFINERY P.O. BOX 338 BLOOMFIELD, NM 87413	115410	0	C 32 28N 7W EFFECTIVE 4-1-95

IV. Produced Water

POD 115450	POD ULSTR Location and Description C 32 28N 7W
---------------	---

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations

Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement

RECEIVED  
 FEB 17 1995  
 OIL CON. DIV.  
 DIST. 3

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure

Choke Size	Oil	Water	Gas	AOF	Test Method

" I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Bill R. Keathly*  
 Printed name: BILL R. KEATHLY  
 Title: SR. REGULATORY SPEC.  
 Date: 2-25-95 Phone: (915) 686-5424

OIL CONSERVATION DIVISION  
 Approved by: *378*  
 Title: SUPERVISOR DISTRICT #3  
 Approval Date: FEB 17 1995

" If this is a change of operator fill in the OGRID number and name of the previous operator 00778

Previous Operator Signature	Printed Name	Title	Date
<i>AS Shaw</i>	Buddy Shaw	Enviro Coordinator	2/15/95

Submit 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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

**REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS**

**I.**

Operator <b>AMOCO PRODUCTION COMPANY</b>	Well API No. <b>300392165300</b>
Address <b>P. O. BOX 800, DENVER, COLORADO 80201</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input checked="" type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of operator give name and address of previous operator \_\_\_\_\_

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <b>SAN JUAN 28 7 UNIT</b>	Well No. <b>252</b>	Pool Name, Including Formation <b>BASIN DAKOTA (PRORATED GAS)</b>	Kind of Lease State, Federal or Fee	Lease No.
Location				
Unit Letter <b>C</b>	<b>790</b>	Feet From The <b>FNL</b> Line and <b>1850</b> Feet From The <b>FWL</b> Line		
Section <b>32</b>	Township <b>28N</b>	Range <b>7W</b>	<b>NMPM,</b>	<b>RIO ARRIBA</b> County

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> <b>MERIDIAN OIL INC.</b>	Address (Give address to which approved copy of this form is to be sent) <b>3535 EAST 30TH STREET, FARMINGTON, NM 87401</b>			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>EL PASO NATURAL GAS COMPANY</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. BOX 1492, EL PASO, TX 79978</b>			
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge. Is gas actually connected? When?

If this production is commingled with that from any other lease or pool, give commingling order number: \_\_\_\_\_

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
<b>TUBING, CASING AND CEMENTING RECORD</b>								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

**V. TEST DATA AND REQUEST FOR ALLOWABLE**

**OIL WELL** (Test must be after recovery of total volume of lost oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas- MCF

**GAS WELL**

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

**VI. OPERATOR CERTIFICATE OF COMPLIANCE**

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

*D. W. Whaley*  
Signature  
**Doug W. Whaley, Staff Admin. Supervisor**  
Printed Name Title  
**July 5, 1990** **303-830-4280**  
Date Telephone No.

**OIL CONSERVATION DIVISION**

Date Approved **AUG 23 1990**

By *[Signature]*  
Title **SUPERVISOR DISTRICT #3**

**INSTRUCTIONS:** This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit 5 Copies  
 Appropriate District Office  
 DISTRICT I  
 P.O. Box 1980, Hobbs, NM 88240  
 DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210  
 DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
 Energy, Minerals and Natural Resources Department  
**OIL CONSERVATION DIVISION**  
 P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

Form C-104  
 Revised 1-1-89  
 See Instructions  
 at Bottom of Page

**REQUEST FOR ALLOWABLE AND AUTHORIZATION  
 TO TRANSPORT OIL AND NATURAL GAS**

**RECEIVED**  
 JUN 14 1989  
 OIL CONSERVATION DIV.  
 SANTA FE

**I.**

Operator <b>Amoco Production Company</b>	Well API No. <b>3003921653</b>
Address <b>1670 Broadway, P. O. Box 800, Denver, Colorado 80201</b>	
Reason(s) for filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	
If change of operator give name and address of previous operator <b>Tenneco Oil E &amp; P, 6162 S. Willow, Englewood, Colorado 80155</b>	

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name <b>SAN JUAN 28-7 UNIT</b>	Well No. <b>252</b>	Pool Name, Including Formation <b>BASIN (DAKOTA)</b>	FEDERAL	Lease No. <b>000</b>
Location Unit Letter <b>C</b> : <b>790</b> Feet From The <b>FNL</b> Line and <b>1850</b> Feet From The <b>FWL</b> Line Section <b>32</b> Township <b>28N</b> Range <b>7W</b> , <b>NMPM</b> , <b>RIO ARRIBA</b> County				

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> <b>CONOCO</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. BOX 1429, BLOOMFIELD, NM 87413</b>	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <b>EL PASO NATURAL GAS COMPANY</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. BOX 1492, EL PASO, TX 79978</b>	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rge.
Is gas actually connected?	When?	

If this production is commingled with that from any other lease or pool, give commingling order number:

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations				Depth Casing Shoe				
<b>TUBING, CASING AND CEMENTING RECORD</b>								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET			SACKS CEMENT		

**V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL** (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

**GAS WELL**

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

**VI. OPERATOR CERTIFICATE OF COMPLIANCE**

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

*J. L. Hampton*  
 Signature  
**J. L. Hampton** Sr. Staff Admin. Suprv.  
 Printed Name Title  
**January 16, 1989** **303-830-5025**  
 Date Telephone No.

**OIL CONSERVATION DIVISION**

Date Approved **MAY 08 1989**

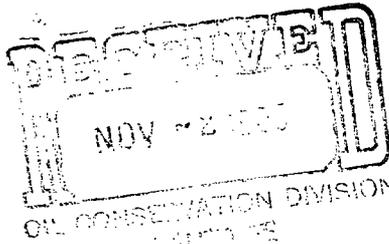
By *[Signature]*

Title **SUPERVISION DISTRICT # 3**

- INSTRUCTIONS:** This form is to be filed in compliance with Rule 1104
- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
  - 2) All sections of this form must be filled out for allowable on new and recompleted wells.
  - 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
  - 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

NO. OF COPIES RECEIVED			
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FILE			
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LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRORATION OFFICE			



OIL CONSERVATION DIVISION  
P.O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
**Tenneco Oil Company - [redacted]**  
Address  
**P.O. Box 3249, Englewood, CO 80155**

Reason(s) for filing (Check proper box) Other (Please explain)

New Well  
 Recompletion  
 Change in Ownership

Change in Transporter of:  
 Oil  
 Casinghead Gas

Dry Gas  
 Condensate

③

If change of ownership give name and address of previous owner El Paso Natural Gas Company, P.O. Box 4990, Farmington, NM 87499

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>SJ 28-7 Unit</b>	Well No. <b>252</b>	Pool Name, Including Formation <b>Basin Dakota</b>	Kind of Lease State, Federal or Fee <b>USA</b>	Lease No. <b>078498-A</b>
Location				
Unit Letter <b>C</b>	: <b>790</b>	Feet From The <b>North</b>	Line and <b>1850</b>	Feet From The <b>West</b>
Line of Section <b>32</b>	Township <b>28N</b>	Range <b>7W</b>	NMPM. <b>Rio Arriba</b>	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<b>Conoco Inc. Surface Transportation</b>	<b>P.O. Box 460, Hobbs, NM 88240</b>
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<b>El Paso Natural Gas Company</b>	<b>P.O. Box 4990, Farmington, NM 87499</b>
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit <b>C</b> Sec. <b>32</b> Twp. <b>28N</b> Rge. <b>7W</b>	<b>Yes</b>

If this production is commingled with that from any other lease or pool, give commingling order number

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

*Scott McKinney*  
(Signature)

Sr. Regulatory Analyst

(Title)

**OCT 1 1985**

(Date)

OIL CONSERVATION DIVISION

APPROVED \_\_\_\_\_, 19

BY *Frank J. [Signature]*

TITLE SUPERVISOR DISTRICT 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells. Fill out only Section I, II, III, and VI for changes of owner, well name and or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

IV. COMPLETION DATA

Designate Type of Completion — (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res.v.	Diff. Res.v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth			
Perforations						Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

EL PASO NATURAL GAS COMPANY  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO

RECEIVED  
OIL CONSERVATION DIVISION  
JUL 21 1979

NOTICE OF GAS CONNECTION

DATE July 24, 1979

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM El Paso Natural Gas Company San Juan 28-7 Unit #252  
Operator Well Name

90-564-01 20268 C 32-28-7  
Meter Code Site Code Well Unit S-T-R

Basin Dakota El Paso Natural Gas Company  
Pool Name of Purchaser

WAS MADE ON July 20, 1979,  
Date

FIRST DELIVERY July 21, 1979  
Date

AOF -

CHOKER -

El Paso Natural Gas Company  
Purchaser  
[Signature]  
Representative  
Chief Dispatcher  
Title

cc: Operator  
Oil Conservation Commission - 2  
Proration - El Paso  
  
File

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.6

5. LEASE DESIGNATION AND SERIAL NO.

SF 078498A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

S.J. 28-7 Unit

8. FARM OR LEASE NAME

S.J. 28-7 Unit

9. WELL NO.

252

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA

Sec. 32, T-28-N, R-7-W  
N.M.P.M.

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

P.O. Box 289, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 790' N, 1850' W

At top prod. interval reported below

At total depth

JUL 10 1979  
OIL CONSERVATION DIVISION  
SANTA FE

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 19. ELEV. CASINGHEAD

1-13-79 1-20-79 5-8-79 6036' G.L.

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS.

7074' 7056' 0-7074'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

6828'-7042' (Dakota)

No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED

GR-Ind., CDL, Temp. Survey

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	214'	13 3/4"	224 cu. ft.	
7"	20#	2876'	8 3/4"	264 cu. ft.	
4 1/2"	10.5 & 11.6#	7074'	6 1/4"	654 cu. ft.	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1 1/2"	7032'	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6828-7042'	79,000# sand & 89,000 gal. wtr.

33.\* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

After Frac Gauge-;84; MCF/D

Shut-in

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO

5-8-79

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)

SI 647 SI 1594

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

N. Rodgers

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED A. G. Busco

TITLE Drilling Clerk

DATE July 6, 1979

\*(See Instructions and Spaces for Additional Data on Reverse Side)



DISTRIBUTION	
SANTA FE	1
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

**NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65

API 30-039-21753

**I. OPERATOR**  
Operator: El Paso Natural Gas Company  
Address: P.O. Box 289, Farmington, New Mexico 87401

Reason(s) for filing (Check proper box):  
 New Well       Change in Transporter of:  
 Recompletion       Oil       Dry Gas   
 Change in Ownership       Casinghead Gas       Condensate

Other (Please explain):  
 RECEIVED JUN 20 1979  
 OIL CONSERVATION DIVISION  
 SANTA FE

If change of ownership give name and address of previous owner:

**II. DESCRIPTION OF WELL AND LEASE**

Lease Name San Juan 28-7 Unit	Well No. 252	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee	Lease No. SF 078498A
Location Unit Letter <u>C</u> ; <u>790</u> Feet From The <u>North</u> Line and <u>1850</u> Feet From The <u>West</u> Line of Section <u>32</u> Township <u>28-N</u> Range <u>7-W</u> , NMPM, <u>Rio Arriba</u> County				

**III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS**

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P.O. Box 289, Farmington, New Mexico 87401
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P.O. Box 289, Farmington, New Mexico 87401
If well produces oil or liquids, give location of tanks. Unit <u>C</u> Sec. <u>32</u> Twp. <u>28-N</u> Rge. <u>7-W</u>	Is gas actually connected? <input type="checkbox"/> When

If this production is commingled with that from any other lease or pool, give commingling order number:

**IV. COMPLETION DATA**

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 1-13-79	Date Compl. Ready to Prod. 5-8-79	Total Depth 7074'	P.B.T.D. 7056'					
Elevations (DF, RKB, RT, GR, etc.) 6036' GL	Name of Producing Formation Dakota	Top Oil/Gas Pay 6828'	Tubing Depth 7032'					
Perforations 7042'	6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018,					Depth Casing Shoe 7074'		
<b>TUBING, CASING, AND CEMENTING RECORD</b>								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
13 3/4"	9 5/8"	214'	224 cf					
8 3/4"	7"	2876'	264 cf					
6 1/4"	4 1/2"	7074'	654 cf					
	1 1/2"	7032'	tubing					

**V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL**

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

**GAS WELL**

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (shut-in) 647	Casing Pressure (shut-in) 1594	Choke Size

**VI. CERTIFICATE OF COMPLIANCE**

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

*Jerry Seapold*  
(Signature)  
Drilling Clerk  
(Title)  
June 13, 1979  
(Date)

OIL CONSERVATION COMMISSION  
APPROVED JUN 20 1979  
BY *AR Kendrick*  
TITLE \_\_\_\_\_

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  
Separate Forms C-104 must be filed for each pool in multiple

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
El Paso Natural Gas Company

3. ADDRESS OF OPERATOR  
P.O. Box 289, Farmington, New Mexico 87401

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 790 'N, 1850 'W  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
SF 078498A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
San Juan 28-7 Unit

8. FARM OR LEASE NAME  
San Juan 28-7 Unit

9. WELL NO.  
252

10. FIELD OR WILDCAT NAME  
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 32, T-28-N, R-7-W  
N.M.P.M.

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6036' GL

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

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <input type="checkbox"/>	<input type="checkbox"/>

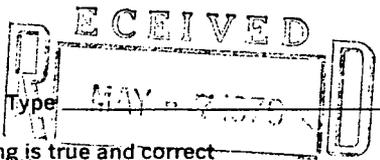
(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1-16-79: TD 2876'. Ran 71 jts. 7", 20#, KS intermediate casing, 2864' set at 2876'. Cemented w/264 cu. ft. cement. WOC 12 hours; held 1200#/30 minutes. Top of cement at 1770'.

1-21-79: TD 7074'. Ran 215 jts. 4 1/2", 10.5# & 11.6#, production casing 7063' set at 7074'. Float collar set 7056'. Cemented w/654 cu. ft. cement. WOC 18 hours. Top of cement at 2500'.

4-29-79: PBTD 7056'. Tested casing to 4000#, OK. Perfed Dak. 6828, 6834, 6840, 6846, 6920, 6947, 6953, 6959, 6979, 6986, 6999, 7018, 7042' w/1 SPZ. Fraced w/79,000# 40/60 sand and 89,000 gal. treated water. Flushed w/4704 gal. water.



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED *D. D. Bisco* **OIL CONSERVATION DIVISION** **Drilling Clerk** DATE April 30, 1979

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

(This space for Federal or State office use)

RECEIVED  
MAY 2 1979

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
EL PASO NATURAL GAS CO.

3. ADDRESS OF OPERATOR  
BOX 289, FARMINGTON, NEW MEXICO

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 790'N, 1850'W  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other)		

5. LEASE SF 078498A	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME San Juan 28-7 Unit	
8. FARM OR LEASE NAME San Juan 28-7 Unit	
9. WELL NO. 252	
10. FIELD OR WILDCAT NAME Basin Dakota	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32, T-28-N, R-7-W NMPM	
12. COUNTY OR PARISH Rio Arriba	13. STATE New Mexico
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 6036 GL	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1/13/79: Spudded well. Drilled surface hole.

1/14/79: Ran 5 joints 9 5/8", 36# K-55 surface casing, 202' set at 214'. Cemented with 224 cu. ft. cement. Circulated to surface. WOC 12 hours; held 600#/30 minutes.

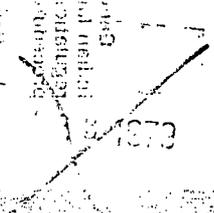
Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED A. G. Buses TITLE Drilling Clerk DATE 1/17/79

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-~~215~~-21653

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

b. TYPE OF WELL  
 OIL WELL       GAS WELL       OTHER   
 SINGLE ZONE       MULTIPLE ZONE

2. NAME OF OPERATOR  
 El Paso Natural Gas Company

3. ADDRESS OF OPERATOR  
 PO Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface      790'N, 1850'W  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 15 miles SE of Abe's Store, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)      771  
 16. NO. OF ACRES IN LEASE      Unit

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.      1700'  
 19. PROPOSED DEPTH      7070'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 6036'GR

5. LEASE DESIGNATION AND SERIAL NO.  
 SF 078498

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 San Juan 28-7 Unit

8. FARM OR LEASE NAME  
 San Juan 28-7 Unit

9. WELL NO.  
 252

10. FIELD AND POOL, OR WILDCAT  
 Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 32, T-28-N, R-7-W  
 NMPM

12. COUNTY OR PARISH      13. STATE  
 Rio Arriba NM

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32.3#	200'	224 cu.ft. to circulate
8 3/4"	7"	20.0#	2875'	262 cu.ft. to cover Ojo Ala
6 1/4"	4 1/2" liner	11.6#-10.5#	7070'	645 cu.ft. to fill to 2875'

Selectively perforate and sandwater fracture the Dakota formation.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The W/2 of Section 32 is dedicated to this well.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED D. G. Busco TITLE Drilling Clerk DATE Jan. 31, 1978

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
DATE

FEB 2 1978

\*See Instructions On Reverse Side

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

*2222222222*  
*2222222222*

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

FEB 13 1978

All distances must be from the outer boundaries of the Section.

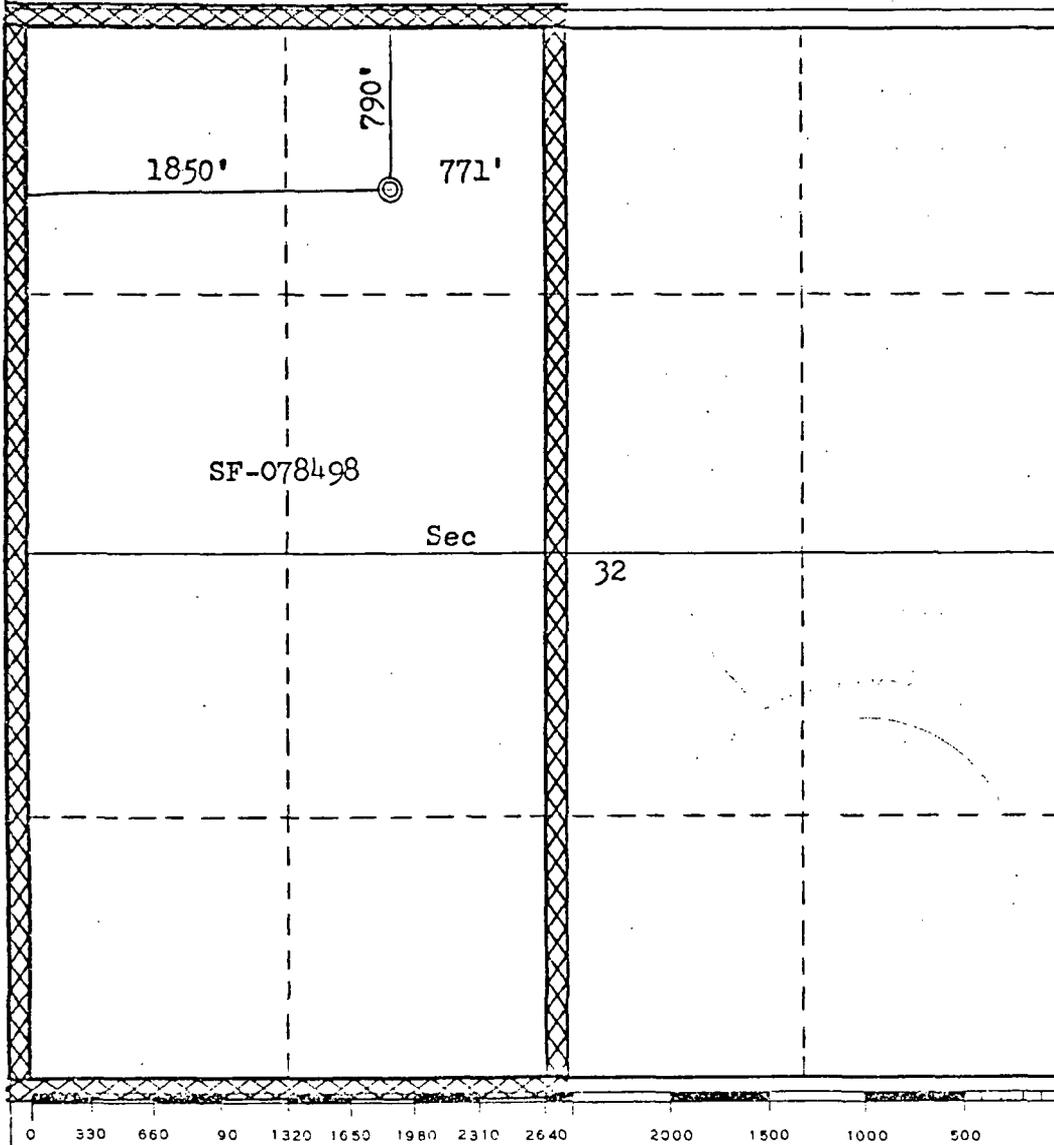
Operator <b>El Paso Natural Gas Company</b>		Lease <b>San Juan 28-7 Unit (SF-078498)</b>		Well No. <b>252</b>
Unit Letter <b>C</b>	Section <b>32</b>	Township <b>28N</b>	Range <b>7W</b>	County <b>Rio Arriba</b>
Actual Footage Location of Well: <b>790</b> feet from the <b>North</b> line and <b>1850</b> feet from the <b>West</b> line				
Ground Level Elev. <b>6036</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b> /	Dedicated Acreage: <b>315.36</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes     No    If answer is "yes," type of consolidation Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

*N. G. Busco*

Name  
Drilling Clerk

Position  
El Paso Natural Gas Co.

Company  
January 31, 1978

Date

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 knowledge and belief.

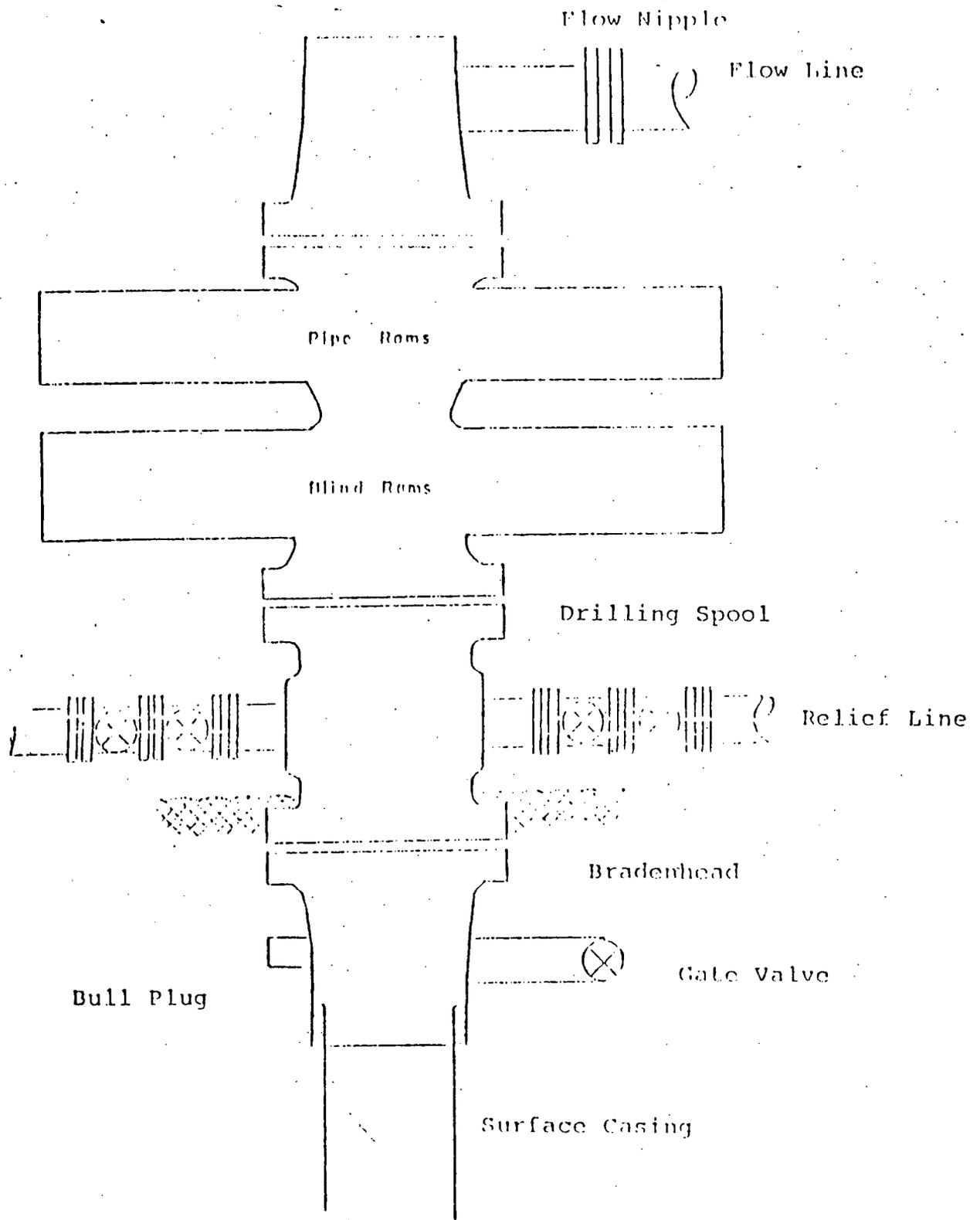
Date Surveyed  
November 27, 1977

Registered Professional Engineer and/or Land Surveyor

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No.  
3950

Typical B.O.P. Installation  
for Dakota Well



Series 900 Double Gate BOP, rated  
at 3000 psi Working Pressure

When gas drilling operations begin a Shaffer type  
50 or equivalent rotating head is installed on top of  
the flow nipple and the flow line is converted into  
a blowie line.