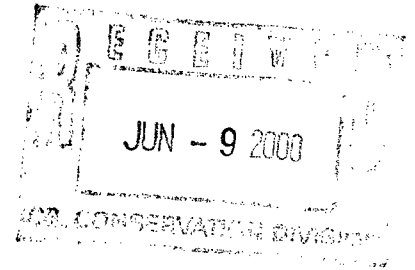




**PHILLIPS PETROLEUM COMPANY**

FARMINGTON, NEW MEXICO 87401  
5525 HWY. 64 NBU 3004



June 7, 2000

**Oil Conservation Division  
State of New Mexico  
2040 South Pacheco  
Santa Fe, New Mexico 87505**

**Attn: Mr. Michael E. Stogner**  
**Chief Hearing Examiner/Engineer**

RE: REQUEST FOR ADMINISTRATIVE APPROVAL OF NON-STANDARD SPACING UNIT  
SAN JUAN 30-5 UNIT #104E WELL  
LOTS 1,2,3,4 & W/2 E/2 SECTION 13-30N-5W  
RIO ARriba COUNTY, NEW MEXICO  
PHILLIPS CONTRACT C40454

Dear Mr. Stogner:

Phillips Petroleum Company (Phillips) as Operator of the captioned well, respectfully requests administrative approval of a Non-Standard Spacing Unit for this well in the Mesaverde and Dakota formations.

Phillips proposes to drill this well at a location of 1850' FSL & 1005' FEL of Section 13-30N-5W, Rio Arriba County, New Mexico. This will be a downhole commingled well completed in the Basin Dakota and Blanco Mesaverde Pools and will have the E/2 of Section 13 designated as the drillblock for each pool. This is an infill well for the Dakota, however this will be the first Mesaverde well in this drillblock. The #104 well (completed in 1984) was completed as a Dakota producer on this same drillblock. Research of our files (including those of our predecessor) and OCD files in Aztec and Santa Fe (per Mr. Steve Hayden of the Aztec District Office) has not produced a record of a previous Order establishing a Non-Standard Spacing Unit for the #104 Well.

The E/2 of Section 13 consists of 217.76 acres, MOL, and therefore does not comprise a standard 320.00 acre spacing unit. Per Rule 104.D (2)(b)(ii), the Director may grant administrative approval of this application when the unorthodox size is necessitated by a variation in the legal subdivision or the non-standard spacing unit lies wholly within a single half section if the well is completed in a pool or formation for which 320 acres is the standard spacing unit size. Such is the case in this instance.

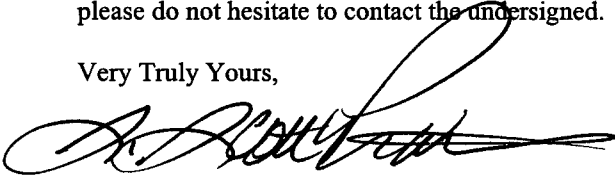
For your benefit in reviewing this request, we are providing the following:

1. A Form C-102
2. A nine-section plat exhibiting offset drillblock operators & an affected owners list
3. A reproduction of the BLM plat depicting the E/2 of Section 13 w/Lots & acreage figures

This non-standard spacing unit is located within the boundaries of the San Juan 30-5 Unit, operated by Phillips. As per Rule, 104.D, all affected persons are being furnished with three (3) copies of this application by certified mail and are advised the objections to this application must be submitted in writing within twenty (20) days. Alternately, they may forward an executed waiver to you office, return one copy to our office and retain one copy for their records.

Phillips thanks you in advance for your attention to this matter and should you need additional information, please do not hesitate to contact the undersigned.

Very Truly Yours,



S. Scott Prather, COL  
Senior Landman  
San Juan Area  
(505) 599-3410

cc J. L. Mathis – C40454  
Steve Hayden – OCD, Aztec  
Offset Owners

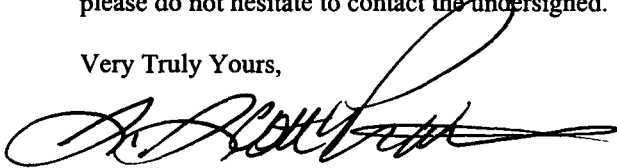
\_\_\_\_\_ hereby waives objection to Phillips Petroleum Company's application for approval of Lots 1,2,3,4 & W/2 E/2 of Section 13-30N-5W, to be designated as a Non-Standard Spacing Unit for the Mesaverde and Dakota formations.

By: \_\_\_\_\_ Date: \_\_\_\_\_, 2000

This non-standard spacing unit is located within the boundaries of the San Juan 30-5 Unit, operated by Phillips. As per Rule, 104.D, all affected persons are being furnished with three (3) copies of this application by certified mail and are advised the objections to this application must be submitted in writing within twenty (20) days. Alternately, they may forward an executed waiver to your office, return one copy to our office and retain one copy for their records.

Phillips thanks you in advance for your attention to this matter and should you need additional information, please do not hesitate to contact the undersigned.

Very Truly Yours,

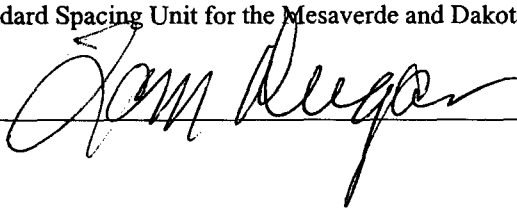


S. Scott Prather, COL  
Senior Landman  
San Juan Area  
(505) 599-3410

cc J. L. Mathis – C40454  
Steve Hayden – OCD, Aztec  
Offset Owners

T.A. Dugan / Estate of N.E. Dugan hereby waives objection to Phillips Petroleum Company's application for approval of Lots 1,2,3,4 & W/2 E/2 of Section 13-30N-5W, to be designated as a Non-Standard Spacing Unit for the Mesaverde and Dakota formations.

By:



Date:

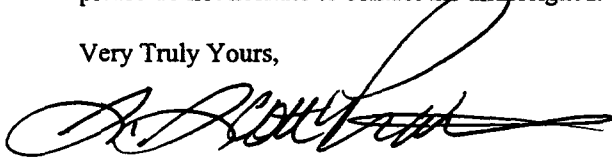
6/19/

,2000

This non-standard spacing unit is located within the boundaries of the San Juan 30-5 Unit, operated by Phillips. As per Rule, 104.D, all affected persons are being furnished with three (3) copies of this application by certified mail and are advised the objections to this application must be submitted in writing within twenty (20) days. Alternately, they may forward an executed waiver to you office, return one copy to our office and retain one copy for their records.

Phillips thanks you in advance for your attention to this matter and should you need additional information, please do not hesitate to contact the undersigned.

Very Truly Yours,



S. Scott Prather, COL  
Senior Landman  
San Juan Area  
(505) 599-3410

cc J. L. Mathis – C40454  
Steve Hayden – OCD, Aztec  
Offset Owners

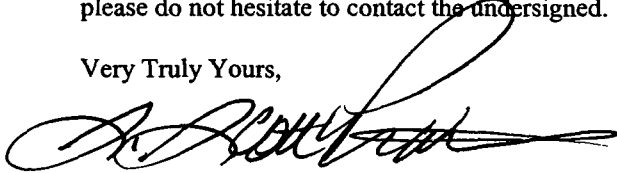
Thelma K. Pool Trust hereby waives objection to Phillips Petroleum Company's application for approval of Lots 1,2,3,4 & W/2 E/2 of Section 13-30N-5W, to be designated as a Non-Standard Spacing Unit for the Mesaverde and Dakota formations.

By: Elizabeth B. Lauer Date: 6/20/00, 2000  
Elizabeth B. Lauer, Trust Officer  
Wells Fargo Bank, N.A., Trustee under Agreement  
of Thelma K. Pool Revocable Marital Trust

This non-standard spacing unit is located within the boundaries of the San Juan 30-5 Unit, operated by Phillips. As per Rule, 104.D, all affected persons are being furnished with three (3) copies of this application by certified mail and are advised the objections to this application must be submitted in writing within twenty (20) days. Alternately, they may forward an executed waiver to you office, return one copy to our office and retain one copy for their records.

Phillips thanks you in advance for your attention to this matter and should you need additional information, please do not hesitate to contact the undersigned.

Very Truly Yours,



S. Scott Prather, COL  
Senior Landman  
San Juan Area  
(505) 599-3410

cc J. L. Mathis – C40454  
Steve Hayden – OCD, Aztec  
Offset Owners

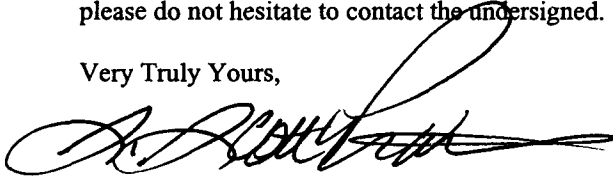
H. O. Pool Trust hereby waives objection to Phillips Petroleum Company's application for approval of Lots 1,2,3,4 & W/2 E/2 of Section 13-30N-5W, to be designated as a Non-Standard Spacing Unit for the Mesaverde and Dakota formations.

By: Elizabeth B. Lauer Date: 6/20/00, 2000  
Elizabeth B. Lauer, Trust Officer  
Wells Fargo Bank, N.A., Trustee under Agreement  
of Harold O. Pool Irrevocable Residual Trust

This non-standard spacing unit is located within the boundaries of the San Juan 30-5 Unit, operated by Phillips. As per Rule, 104.D, all affected persons are being furnished with three (3) copies of this application by certified mail and are advised the objections to this application must be submitted in writing within twenty (20) days. Alternately, they may forward an executed waiver to you office, return one copy to our office and retain one copy for their records.

Phillips thanks you in advance for your attention to this matter and should you need additional information, please do not hesitate to contact the undersigned.

Very Truly Yours,



S. Scott Prather, COL  
Senior Landman  
San Juan Area  
(505) 599-3410

cc J. L. Mathis – C40454  
Steve Hayden – OCD, Aztec  
Offset Owners

Ruth Zimmerman Trust hereby waives objection to Phillips Petroleum Company's application for approval of Lots 1,2,3,4 & W/2 E/2 of Section 13-30N-5W, to be designated as a Non-Standard Spacing Unit for the Mesaverde and Dakota formations.

By: Lozel Z. Hart Date: 6/30/00, 2000

District I  
 (P) 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-10  
 Revised October 18, 199  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 72319		3 Pool Name Blanco Mesaverde	
4 Property Code 009258		5 Property Name SAN JUAN 30-5 UNIT			6 Well Number 104E
7 OGRID No. 017654		8 Operator Name PHILLIPS PETROLEUM COMPANY			9 Elevation 6901'

10 Surface Location

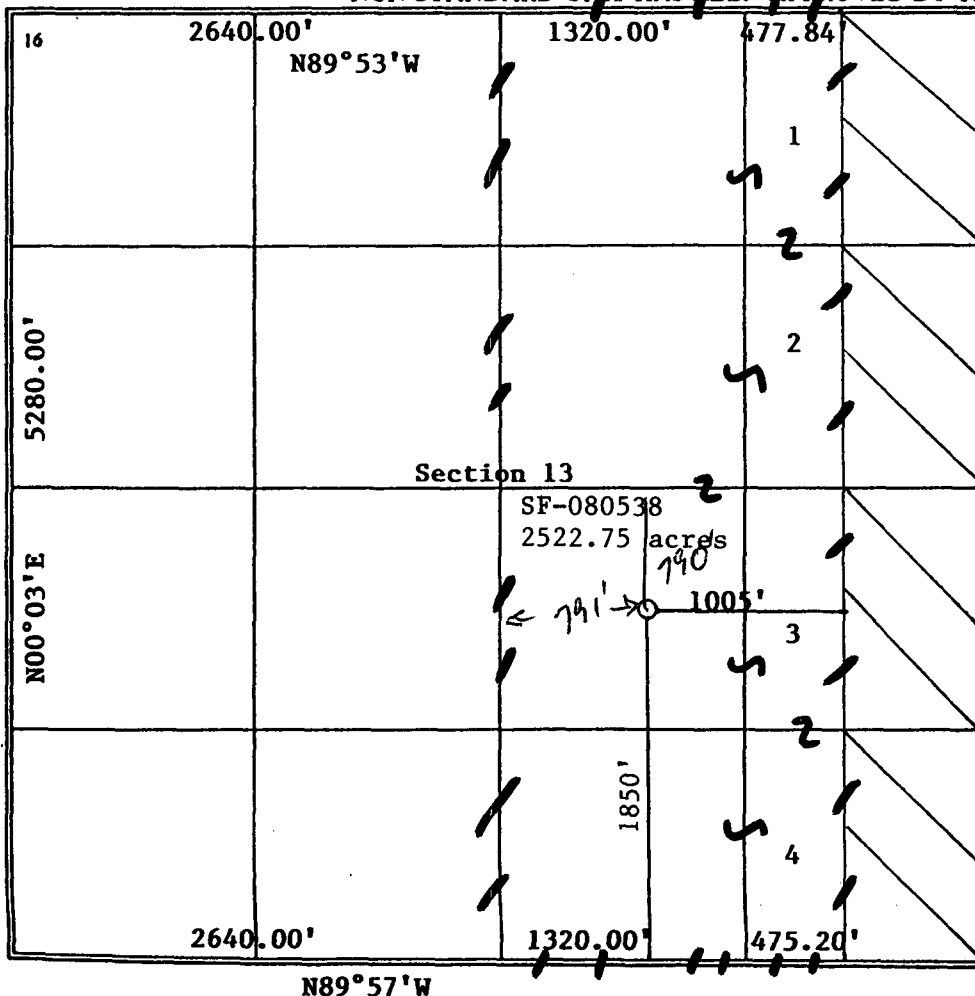
UL or lot no. J	Section 13	Township 30N	Range 5W	Lot Idn	Feet from the 1850'	North/South line SOUTH	Feet from the 1005'	East/West line EAST	County RIO ARriba
--------------------	---------------	-----------------	-------------	---------	------------------------	---------------------------	------------------------	------------------------	----------------------

11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 217.76 E/2	13 Joint or Infill I	14 Consolidation Code U	15 Order No.
----------------------------------	-------------------------	----------------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR, 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

*Patsy Clugston*  
 Signature  
 Patsy Clugston  
 Printed Name  
 Sr. Regulatory/Proration Clerk  
 Title  
 May 15, 2000  
 Date

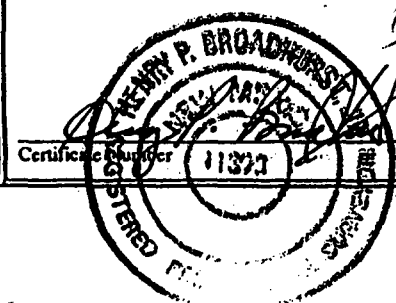
18 SURVEYOR CERTIFICATION

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.

04/21/2000

Date of Survey

Signature and Seal of Professional Surveyor:



1520  
 476  
 1796  
 1796  
 1005  
 791

**PLAT OF OFFSET OPERATORS TO  
E/2 SECTION 13-30N-5W, RIO ARRIBA COUNTY, NEW MEXICO**

30N		11	Schalk Development Company	12	Energen Resources Corporation	7
			Phillips Petroleum Company (Burlington Resources)	Phillips Petroleum Company (Burlington Resources, etal)		
		14	Phillips Petroleum Company (San Juan 30-5 Unit)	13 #104E	Energen Resources Corporation	18
		23	Phillips Petroleum Company Burlington Resources, etal)	24 Phillips Petroleum Company Burlington Resources, etal)	Energen Resources Corporation	19
			5W			4W



## **OFFSET OWNER LISTING**

**BP Amoco Exploration  
Burlington Resources Oil & Gas Corporation  
Devon Energy Corporation  
H.O. Pool Trust  
T.K. Pool Trust  
Mary E. Dugan Estate  
Thomas A. Dugan  
Langdon A. Harrison  
Ruth Zimmerman Trust  
Robert P. Tinnin  
Schalk Development Company  
Energen Resources Corporation**



CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION07/05/00 12:57:38  
OGOMES -TPX2  
PAGE NO: 1

Sec : 13 Twp : 30N Rng : 05W Section Type : NORMAL

D 40.00  Federal owned U	C 40.00  Federal owned U	B 40.00  Federal owned U	1 14.47  Federal owned U
E 40.00  Federal owned U	F 40.00  Federal owned U	G 40.00  Federal owned U A A	2 14.45  Federal owned U

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

54.47  
54.45  
108.92  
108.84  
217.76

68%

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/05/00 12:57:41  
OGOMES -TPX2  
PAGE NO: 2

Sec : 13 Twp : 30N Rng : 05W Section Type : NORMAL

L 40.00	K 40.00	J 40.00	3 14.43
Federal owned U	Federal owned U	Federal owned U A	Federal owned U
M 40.00	N 40.00	O 40.00	4 14.41
Federal owned U A	Federal owned U A	Federal owned U	Federal owned U

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

54.43  
54.41  
            
108.84

District I  
PO Box 1988, Hobbs, NM 88241-1988  
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-104  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies  
RECEIVED  
MAR 8 52  
AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address PHILLIPS PETROLEUM COMPANY 5525 HWY 64, NBU 3004 FARMINGTON, NM 87401		OGRID Number 017654
		Reason for Filing Code CO, CG
API Number 30 - 0 39-23311	Pool Name Basin Dakota	Pool Code 71599
Property Code 009258	Property Name San Juan 30-5 Unit	Well Number 104

II. Surface Location

UL or lot no. G	Section 13	Township 30N	Range 5W	Lot Ida	Feet from the	North/South Line North	Feet from the	East/West Line East	County Rio Arriba
--------------------	---------------	-----------------	-------------	---------	---------------	---------------------------	---------------	------------------------	----------------------

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
Lee Code	Producing Method Code	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
025244	Williams Field Services P.O. Box 58900 Salt Lake City, UT 84158-090	2158330	G	

IV. Produced Water

POD 2158350	POD ULSTR Location and Description
----------------	------------------------------------

V. Well Completion Data

Spud Date	Ready Date	TD	FBTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Cog. Pressure
Choke Size	Water	Gas	AOP	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:

Ed Hasely

Printed name:

Ed Hasely

Title:

Environmental Engineer

Date:

3-7-94

Phone:

599-3460

OIL CONSERVATION DIVISION

Approved by:

378

Title:

SUPERVISOR DISTRICT #3

Approval Date:

MAR 21 1994

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

Previous Operator Signature

Printed Name

Title

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
AUG 3 1 1994  
OIL CON. DIV.  
DIST. 3

FORM APPROVED  
Budget Bureau No. 1004-015  
Expires: March 31, 1993

RESERVED  
RECEIVED

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

1. ☐ Oil Well ☒ Gas Well ☐ Other

2. Phillips Petroleum Company

3. 5525 Hwy. 64, NBU 3004, Farmington, NM 87401 (505) 599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1630' FNL & 1000' FEL  
SECTION 13, T-30-N, R-5-W

5. Lease Designation and Serial Number  
SF-080538

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation  
SAN JUAN 30-5 UNIT

8. Well Name and No.  
SAN JUAN 30-5 UNIT #104

9. API Well No.  
30-039-23311

10. Field and Pool, or Exploratory Area  
BASIN DAKOTA

11. County or Parish, State  
RIO ARRIBA, NEW MEXICO

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 type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<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 <u>Put well back on production.</u>	<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 estimate date of starting any proposed work. If well is directionally drilled, give subsurface locations and true vertical depths for all markers and zones pertinent to this work.)

At 1:55 p.m. Friday July 29, 1994 the above mentioned well went back on production.

RECEIVED  
BLM  
94 AUG 15 PM 2:20  
070 FARMINGTON, NM

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

Signed Ed Hasely Ed Hasely Title Environmental/Regulatory Engineer

ACCEPTED FOR RECORD  
Date 8-11-94

(This space for Federal or State office use)

AUG 17 1994

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date FARMINGTON, NM  
Conditions 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-015  
Expires: March 31, 1993

OIL CONSERVATION DIVISION  
RECEIVED

**SUNDRY NOTICES AND REPORTS ON WELLS**

94 JUL 10 10 38 50  
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

RECEIVED  
BLM MAIL ROOM  
94 JUL 27 PM 3:30  
070 FARMINGTON, NM

1. <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial Number ST-980538
2. Phillips Petroleum Company	6. If Indian, Allottee or Tribe Name
3. 5525 Hwy. 64, NBU 3004, Farmington, NM 87401 (505) 599-3454	7. If Unit or CA, Agreement Designation SAN JUAN 30-5 UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1630' FNL & 1000' FEL SECTION 13, T-30-N, R-5-W	8. Well Name and No. SAN JUAN 30-5 UNIT #104
	9. API Well No. 30-039-23311
	10. Field and Pool, or Exploratory Area BASIN DAKOTA
	11. County or Parish, State RIO ARriba, NEW MEXICO

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 type="checkbox"/> Abandonment	<input checked="" type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<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 <u>Casing Integrity Test</u> <u>leave S/I till can produce.</u>	<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 estimate date of starting any proposed work. If well is directionally drilled, give subsurface locations and true vertical depths for all markers and zones pertinent to this work.)

**Plans were submitted to T/A this well, but were changed to doing a casing integrity test and leaving Shut-in. Future plans are to try to swab well and get well back on production.**

MIRU Big A #18 on 6-14-94. RD WH & NU BOP's. GIH w/3-7/8" bit and casing scraper on 53 jts of 2-3/8" workstring. GIH w/tbg to 8348'. PU swivel & CO to top of cement retainer @ 8359'. COOH w/bit & scraper & 5670' tubing. GIH w/4-1/2" Baker, set packer @ 8248'. Pressure tested casing from 8248' to surface w/500# psi. Held pressure for 35 min. with no loss of pressure.

GIH w/199 jts of 1-1/2" 2.9 #/ft EUE tubing a total of 260 jts. Expendable Check @ 8340' and "F" Nipple 8308'. ND BOP's & NU WH. Pump off exp. check. RD and released rig 6/20/94. Plans are to keep well shut-in till we can get back on production.

RECEIVED  
JUL 05 1994

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

Signed Ed Hasely Title Environmental/Regulatory Engineer Date 6-24-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: **CLERK FOR RECORD**

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.

RECEIVED

Form 3160-5

(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## 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

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

Phillips Petroleum Company

## 3. Address and Telephone No.

5525 Hwy. 64, NBU 3004, Farmington, NM 87401 (505) 599-3454

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1630' FNL & 1000' FEL  
Section 13, T-30-N, R-5-W

## FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

## 5. Lease Designation and Serial No.

SF-080538

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA, Agreement Designation

San Juan 30-5 Unit

## 8. Well Name and No.

San Juan 30-5 Unit #104

## 9. API Well No.

30-039-23311

## 10. Field and Pool, or Exploratory Area

Basin Dakota

## 11. County or Parish, State

Rio Arriba, N.M.

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

## TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

## TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other Temporarily Plug & Abandon Well
- ☒ 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.)

## 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.)

Plans are not to keep the shut-in status on the above mentioned well, therefore, we will not be doing the casing integrity test. We now are planning to temporarily plug and abandon the well. A complete procedure will be submitted before any work begins.

RECEIVED  
MAY 16 1994

CON. DIV.  
DIST. 3

070 FARMINGTON, NM

94 APR 29 PM 3:21

RECEIVED  
BLM

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

Signed

Ed Hasely

Ed Hasely

Title

Environmental/Regulatory Eng.

Date

4-29-94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED FOR RECORD

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

NMOC

BY

FARMINGTON DISTRICT OFFICE

Smm



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

5525 Hwy. 64, NBU 3004, Farmington, NM 87401 (505) 599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1630' FNL & 1000' FEL  
Section 13, T-30-N, R-5-W

5. Lease Designation and Serial No.

SF-080538

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

San Juan 30-5 Unit

8. Well Name and No.

#104

9. API Well No.

30-039-23311

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

Rio Arriba, N.M.

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

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other SI Status  
☐ 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 Report (Form 3160-5) or 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.)

Can't buck line pressure. Well needs swab test. Anticipate testing to be done in 1994.

**RECEIVED**

JAN 28 1994

OIL CON. DIV.  
DIST. 3

070 FARMINGTON, NM  
94 JAN 18 AM 8:00

RECEIVED  
BLM

**THIS APPROVAL EXPIRES FEB 01 1995**

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

Signed Ed Hasely Title Environmental Engineer Date 1-14-94

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

**APPROVED**

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

DISTRICT MANAGER

Submitt 3 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1940, Hobbs, NM 88240

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

DISTRICT III  
1000 Rio Saboso 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

OIL CONSERVATION DIVISION  
RECEIVED

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

91 APR 22 PM 1 40

Operator <b>PHILLIPS PETROLEUM COMPANY</b>	Well APN No. _____
Address <b>300 W ARRINGTON, SUITE 200, FARMINGTON, NM 87401</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator <b>Northwest Pipeline Corp., 3535 E. 30th, Farmington, NM 87401</b>	

### II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>San Juan 30-5 Unit</b>	Well No. <b>104</b>	Pool Name, including Formation <b>Basin Dakota</b>	Kind of Lease <b>State, Federal or Fee</b>	Lease No. _____
Location Unit Letter <b>G</b> : <b>1630</b> Feet From The <b>North</b> Line and <b>1000</b> Feet From The <b>East</b> Line Section <b>13</b> Township <b>30N</b> Range <b>5 W</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>Gary Energy</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 159, Bloomfield, NM 87413</b>	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <b>Northwest Pipeline Corp.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 58900, SLC, UT 84158-0900</b>	
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Rgn.
Is gas actually connected?		When? Attn: Claire Potter

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				
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 Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Check <input checked="" type="checkbox"/>
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

OIL CON. DIV.

### GAS WELL

Actual Prod. Test - MCFD	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Check <input checked="" type="checkbox"/>

### 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.

*L. E. Robinson*  
Signature **L. E. Robinson** Sr. Drlg. & Prod. Engr.  
Printed Name  
Date **Apr. 1, 1991** Telephone No. **(505) 599-3412**

### OIL CONSERVATION DIVISION

Date Approved **APR 01 1991**

By *[Signature]*  
Title **SUPERVISOR DISTRICT 13**

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 Section I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-10 must be filed for each pool in multiply completed wells.

## OIL CONSERVATION COMMISSION

1000 Rio Brazos Road

AZTEC, NEW MEXICO 87410

## NOTICE OF GAS CONNECTION

DATE December 17, 1984THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR THE PURCHASE OF  
GAS FROM THE Northwest Pipeline Corporation  
OPERATORST-080538

LEASE

ST 30-5 Unit #104 G-13 30N 5W

WELL UNIT

S-T-R

Basin Dakota

POOL

NORTHWEST PIPELINE CORP

NAME OF PURCHASER

WAS MADE ON 6-20-84

DATE

, FIRST DELIVERY 10-11-84

DATE

638 MCF/D

INITIAL POTENTIAL

RECEIVED

DEC 26 1984

OIL CON. DIV.  
DIST. 3

NORTHWEST PIPELINE CORP

PURCHASER

*John P. Lueders*  
REPRESENTATIVE

CONTRACT ANALYST

TITLE

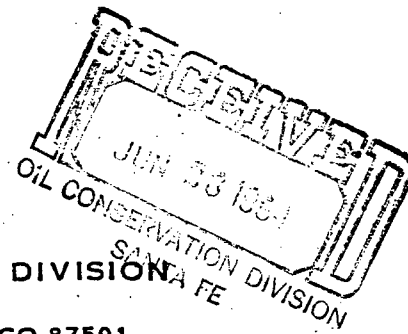
cc: OPERATOR

RECEIVED  
JAN 03 1985  
OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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LAND OFFICE	
TRANSPORTER	OIL
OPERATOR	GAS
PROMOTION 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

RECEIVE

JUN 22 1984

I. Operator  
Northwest Pipeline Corporation  
Address  
P.O. Box 90, Farmington, New Mexico 87499  
OIL CON. DIV.  
DIST. 3

Reason(s) for filing (Check proper box)  
☐ New Well  
☐ Recompletion  
☒ Change in Ownership  
 Change in Transporter of:  
☐ Oil  
☐ Casinghead Gas  
☐ Dry Gas  
☐ Condensate  
 Other (Please explain)  
 Change of Operator

If change of ownership give name and address of previous owner  
 El Paso Natural Gas Co., P.O. Box 4289, Farmington, New Mexico 87499

II. DESCRIPTION OF WELL AND LEASE

Lease Name San Juan 30-5 Unit	Well No. 104	Pool Name, including Formation Basin Dakota	Kind of Lease <input checked="" type="checkbox"/> Federal <input checked="" type="checkbox"/> Private	Lease No. SF-080538
Location Unit Letter <u>HG</u> : <u>1630</u> Feet From The <u>North</u> Line and <u>1000</u> Feet From The <u>East</u> Line of Section <u>13</u> Township <u>30N</u> Range <u>5W</u> NMPM, <u>Rio Arriba</u> Cour				

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 Co.	Address (Give address to which approved copy of this form is to be sent) Box 990 Farmington NM 87499
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Northwest Pipeline Corporation	Address (Give address to which approved copy of this form is to be sent) Box 90 " " "
If well produces oil or liquids, give location of tanks. Unit <u>B</u> Sec. <u>13</u> Twp. <u>30N</u> Rge. <u>5W</u>	Is gas actually connected? <u>No</u> When

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.

Linda Marques B  
Clerk (Signature)  
June 21, 1984 (Date)  
(Title)

OIL CONSERVATION DIVISION  
APPROVED JUN 22 1984, 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 deeper 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 all wells 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 multi-completed wells.

#### IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Re
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 (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

NEW MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122  
Revised 9-1-

**RECEIVED**

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 7/20/84 JUL 25 1984	
Company Northwest Pipeline Corporation		Connection New Completion	
Pool Basin		Formation Dakota	
Completion Date 1/30/84		Total Depth 8415'	Plug Back TD 8406'
Elevation 6958' KB		Farm or Lease Name San Juan 30-5 Unit	
Csg. Size 4.500	Wt. 11.6#	d 4.052	Set At 8415'
Perforations: From 8296'	To 8390'		Well No. #104
Trq. Size 1.500	Wt. 2.9#	d 1.610	Set At 8341'
Perforations: From	To		Unit Sec. Twp. Rge. AG 13 30 5
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single completion		Packer Set At None	County Rio Arriba
Producing Thru Tubing	Reservoir Temp. °F #	Mean Annual Temp. °F 12	State New Mexico
L	H	G <sub>g</sub> Est. .580	% CO <sub>2</sub> % N <sub>2</sub> % H <sub>2</sub> S
Proves Choke		Meter Run	Taps

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Proves Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	SIP						2160		2695		
1.	2" X .750					77°	71	77°	891	77°	3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub> (P <sub>t</sub> )	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd
1	9.604		83	.9840	1.313	1.005	1035
2.							
3.							
4.							
5.							

NO.	P <sub>t</sub>	Temp. °R	T <sub>t</sub>	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P <sub>c</sub> 2707	P <sub>c</sub> <sup>2</sup> 7327849			
NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>
1		903	815409	6512440
2				
3				
4				
5				

(1)  $\frac{P_c^2}{P_c^2 - P_w^2} = 1.125$

AOF = Q  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1131$

(2)  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0923$

Absolute Open Flow 1131	Mcf/d @ 15.025	Angle of Slope @ _____	Slope, n .75
-------------------------	----------------	------------------------	--------------

Remarks: Heavy mist throughout test. Vented 170 MCF.

Approved By Commission:	Conducted By: Gip Aubert	Calculated By: M.J. Turnbaugh	Checked By:
-------------------------	-----------------------------	----------------------------------	-------------

ala 7/24/84

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

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 "APPLICATION FOR PERMIT—" for such proposals.)

OIL ☐ GAS ☐ OTHER ☒

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

Box 4280, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface 1630'N, 1000'E

RECEIVED

FEB 28 1984

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.  
SF 080538

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 30-5 Unit

8. FARM OR LEASE NAME

San Juan 30-5 Unit

9. WELL NO.

104

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK. AND

SURVEY OR AREA  
Sec. 13, T-30-N, R-5-W  
N.M.P.M.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

6946' GL

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANE

Change Operators

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

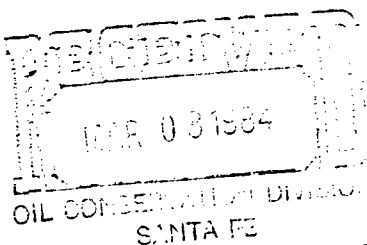
ALTERING CASING

ABANDONMENT\*

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

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.)

This well is within the limits of the San Juan 30-5 Unit. On February 16, 1984, this well was turned over to Northwest Pipeline Corporation as Unit Operator. Their address is Box 90, Farmington, New Mexico 87401



4 need copy from NW to change

RECEIVED  
FEB 29 1984  
OIL CON. DIV.  
DIST. 3

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

SIGNED D. P. Drises

TITLE Drilling Clerk

DATE February 28, 1984

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE  
FEB 28 1984

NMOCC

\*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY ELIS

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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TRANSPORTER	OIL
	GAS
OPERATOR	
PROBATION 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

Operator El Paso Natural Gas		RECEIVED FEB 08 1984 OIL CON. DIV. DIST. 3
Address Box 4289, Farmington, New Mexico, 87499		
Reason(s) for filing (Check proper box)	Other (Please explain)	
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate	

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name San Juan 30-5 Unit	Well No. 104	Pool Name, Including Formation Basin Dakota	Kind of Lease Federal	Lease No. SF 080538
Location				
Unit Letter <u>H</u> : 1630 Feet From The North Line and 1000 Feet From The East				
Line of Section 13 Township 30N Range 5W, NMPM, Rio Arriba 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)
El Paso Natural Gas	Box 4289, Farmington, New Mexico, 87499
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)
Northwest Pipeline Co.	Box 90, Farmington, New Mexico, 87401
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit H Sec. 13 Twp. 30N Rge. 5W	

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.

*A. G. Brisco*

(Signature)

Drilling Clerk

(Title)

February 1, 1984

(Date)

2-13-84 OIL CONSERVATION DIVISION  
APPROVED FEB 13 1984  
BY *Sam J. Chang*  
TITLE SUPERVISOR DISTRICT # 2

This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deeper 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 all wells on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of ownership, well name or number, or transporter, or other such change of conditions.  
Separate Forms C-104 must be filed for each pool in multi-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.
			X	X					
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.				
10-26-83	1-30-84		8415'		8406'				
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Gas Pay		Tubing Depth				
6946' GL	Dakota		8296		8341'				
Perforations						Depth Casing Shoe			
8296, 8303, 8310, 8336, 8343, 8350, 8365, 8376, 8383, 8390						8415'			

#### TUBING, CASING, AND CEMENTING RECORD

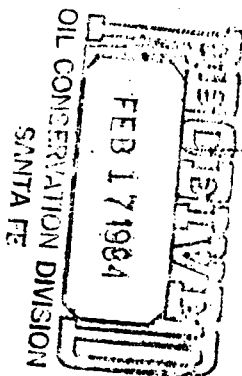
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12 1/4"	9 5/8"	221'	130 cu. ft.
8 3/4"	7"	4197'	374 cu. ft.
6 1/4"	4 1/2"	8415'	650 cu. ft.
	1 1/2"	8341'	

#### V. TEST DATA AND REQUEST FOR ALLOWABLE (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
	Shut In - 7 Days		
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-In)	Casing Pressure (Shut-In)	Choke Size
	2652	2652	



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*																																	
1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>																																	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESRV. <input type="checkbox"/> Other <input type="checkbox"/>																																	
2. NAME OF OPERATOR El Paso Natural Gas																																	
3. ADDRESS OF OPERATOR Box 4289, Farmington, New Mexico, 87499																																	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1630'N, 1000'E At top prod. interval reported below At total depth																																	
14. PERMIT NO. BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA																																	
5. LEASE DESIGNATION AND SERIAL NO. SF080538																																	
6. IF INDIAN, ALLOTTED OR TRIBE NAME																																	
7. UNIT AGREEMENT NAME San Juan 30-5 Unit																																	
8. FARM OR LEASE NAME San Juan 30-5 Unit																																	
9. WELL NO. 104																																	
10. FIELD AND POOL, OR WILDCAT Basin Dakota																																	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T-30-N, R-5-W N.M.P.M.																																	
12. COUNTY OR PARISH Rio Arriba																																	
13. STATE New Mexico																																	
15. DATE SPUDDED 10-26-83																																	
16. DATE T.D. REACHED 11-4-83																																	
17. DATE COMPL. (Ready to prod.) 1-30-84																																	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6958' KB																																	
19. ELEV. CASINGHEAD 6946'																																	
20. TOTAL DEPTH, MD & TVD 8415'																																	
21. PLUG, BACK T.D., MD & TVD 8406'																																	
22. IF MULTIPLE COMPL., HOW MANY*																																	
23. INTERVALS DRILLED BY Rotary																																	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8296' - 8390' (Dakota)																																	
25. WAS DIRECTIONAL SURVEY MADE No																																	
26. TYPE ELECTRIC AND OTHER LOGS RUN GRI, CDL, GRC, Gamma Spectroscopy, Temp. Survey																																	
27. WAS WELL CORED No																																	
28. CASING RECORD (Report all strings set in well)																																	
<table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>9 5/8"</td><td>36.0#</td><td>220'</td><td>12 1/4"</td><td>130 cu. ft.</td><td></td></tr><tr><td>7"</td><td>23.0#</td><td>4197'</td><td>8 3/4"</td><td>374 cu. ft.</td><td></td></tr><tr><td>4 1/2"</td><td>11.6#</td><td>8415'</td><td>6 1/4"</td><td>650 cu. ft.</td><td></td></tr></tbody></table>										CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	9 5/8"	36.0#	220'	12 1/4"	130 cu. ft.		7"	23.0#	4197'	8 3/4"	374 cu. ft.		4 1/2"	11.6#	8415'	6 1/4"	650 cu. ft.	
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29. LINER RECORD																																	
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30. TUBING RECORD																																	
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31. PERFORATION RECORD (Interval, size and number) 8296, 8303, 8310, 8336, 8343, 8350, 8365, 8376, 8383, 8390' w/1 Spz.																																	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																																	
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<table border="1"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>CHOKE SIZE</th><th>PROD'N. FOR TEST PERIOD</th><th>OIL—BBL.</th><th>GAS—MCF.</th><th>WATER—BBL.</th><th>GAS-OIL RATIO</th></tr></thead><tbody><tr><td>1-30-83</td><td>SI 7 days</td><td></td><td></td><td>0</td><td>0</td><td>0</td><td>--</td></tr></tbody></table>										DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	1-30-83	SI 7 days			0	0	0	--								
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SI 2652	SI 2652		No Flow	No Flow	No Flow	--																											
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Shut In - To be Sold																																	
TEST WITNESSED BY Mark Manson																																	
35. LIST OF ATTACHMENTS Temp. Surveys & Cement Record																																	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																	
SIGNED <u>A. G. Zisco</u> TITLE <u>Drilling Clerk</u> DATE <u>FEB 10 1984</u>																																	

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

BY SM

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

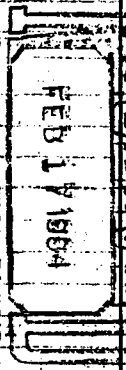
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

OIL CONSERVATION DIVISION



37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF, CORED INTERVALS, AND LEAK-OFF-TEST RESULTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Chacra	5027'	5863'	Upper zones not logged		
Mesa Verde	5863'	5887'	Chacra	5027'	
Menefee	5887'	6122'	Mesa Verde	5863'	
Point Lookout	6122'	7220'	Menefee	5887'	
Gallup	7220'	8112'	Point Lookout	6122'	
Greenhorn	8112'	8160'	Gallup	7220'	
Graneros	8160'	8289'	Greenhorn	8112'	
Dakota	8289'	8390'	Graneros	8160'	
			Dakota	8289'	

DESCRIPTION, CONTENTS, ETC.	
form. Gry fn grn silty, glauconitic sd stone with drk gry shale.	
form. Gry, fine-grn, dense sil ss., carb sh & coal.	
form. Gry, fine-grn s, carb sh & coal.	
form. Gry, very fine sil ss w/frequent sh breaks.	
form. Lt gry to brn calc carb micac glauco very fine gry ss w/irreg. interbed sh.	
form. Highly calc gry sh w/thin lmst.	
form. Dk gry shale, fossil & carb w/prite incl.	
form. Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks.	

9 5/8" Surface Casing - 110 sks. of Class "B" cement w/1/4# gel-flake/sk.  
and 3% calcium chloride. 130 cu. ft.

7" Intermediate Casing - 158 sks. of 65/35 Class "B" Pozmix w/6% gel and 2%  
calcium chloride (8.3 gallons of water/sk.) followed by 100 sks. of class "B" w/2%  
calcium chloride. 374 cu. ft.

4 1/2" Production Casing - 245 Sks. of Class "B" w/8% gel, 1/4 cu. ft. fine  
Gilsonite/sk. and 0.4% HR-7, followed by 100 sks. of Class "B" w/1/4# fine  
Tuf-plug/sk. and 0.4% HR-7. 650 cu. ft.

RECEIVED  
FEB 13 1984  
OIL CON. DIV.  
DIST. 3

**NEW MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

**RECEIVED**  
JAN 31 1984  
OIL CON. DIV.  
DIST. 3

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 01-30-84									
Company El Paso Natural Gas Co.			Connection Northwest Pipeline										
Pool Basin			Formation Dakota		Unit								
Completion Date 01-23-84		Total Depth 8415		Plug Back TD 8406	Elevation 6946 GL								
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 8415	Perforations: From 8296 To 8390									
Tbg. Size 1.900	Wt. 2.9	d 1.610	Set At 8341	Perforations: From To									
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None									
Producing Thru TBG		Reservoir Temp. °F @		Mean Annual Temp. °F 12									
Baro. Press. - P <sub>a</sub> 12		State New Mexico											
L	H	G <sub>g</sub>	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> S								
Prover		Meter Run		Taps									
<b>FLOW DATA</b>													
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow		
SI							2652		2652		7 days		
1.													
2.													
3.													
4.													
5.													
<b>RATE OF FLOW CALCULATIONS</b>													
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd						
1.													
2.													
3.													
4.													
5.													
NO.	P <sub>t</sub>	Temp. °R	T <sub>t</sub>	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.								
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.								
2.					Specific Gravity Separator Gas _____ X X X X X X X X								
3.					Specific Gravity Flowing Fluid _____ X X X X X								
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.								
5.					Critical Temperature _____ R _____ R								
NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	<div style="display: flex; justify-content: space-between;"> <div> (1) <math>\frac{P_c^2}{P_c^2 - P_w^2} =</math> _____ </div> <div> (2) <math>\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n =</math> _____ </div> </div>								
1.													
2.													
3.													
4.													
5.													
AOF = Q $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____													
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope @ _____					Slope, n _____			
Remarks: _____													
Approved By Commission:				Conducted By: Mark Manson				Calculated By: Ed Mabe				Checked By:	

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 ☐ gas ☒ other ☐  
well well

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

Box 4289, Farmington, New Mexico 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1630'n, 1000'E

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) ☐

SUBSEQUENT REPORT OF:

RECEIVED

NOV 22 1983

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

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

5. LEASE

SF 080538

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

San Juan 30-5 Unit

8. FARM OR LEASE NAME

San Juan 30-5 Unit

9. WELL NO.

104

10. FIELD OR WILDCAT NAME

Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR

AREA Sec. 13, T-30-N, R-5-W  
N.M.P.M.

12. COUNTY OR PARISH 13. STATE

Rio Arriba

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

6946' GL

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.)\*

11-16-83

P,B.T.D. 8406'. Tested casing to 4000# O. K. Perforated 8296, 8303, 8310, 8336, 8343, 8350, 8365, 8376, 8383, 8390' w/1 SPZ. Fraced w/98.000# 20/40 sand and 21,000# 10/20 sand and 90,359 gallons treated water. Dropped 20 sets of 1 ball each, flushed w/5075 gallons of water.

Subsurface Safety Valve: Manu. and Type

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

SIGNED W. B. Buico TITLE Drilling Clerk DATE November 21, 1983

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

ACCEPTED FOR RECORD

DEC 07 1983

NMOCC

FARMINGTON RESOURCE AREA

\*See Instructions on Reverse Side

## SUNDRY NOTICES AND REPORTS ON WELLS

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR  
El paso Natural Gas Company

3. ADDRESS OF OPERATOR  
Box 4289, Farmington, New Mexico 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
 AT SURFACE: 1630'N, 1000'E  
 AT TOP PROD. INTERVAL:  
 AT TOTAL DEPTH:

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

**REQUEST FOR APPROVAL TO:**

TEST WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>
(other)	

**SUBSEQUENT REPORT OF:**

[illegible]

RECEIVED

NOV 08 1983

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

(NOTE: Report results of multiple completion or zone change on Form 9-330) 1583

OIL CON. DIV.  
DIST. 3

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.)\*

10-31-83 T.D. 4198'. Ran 102 joints of 7", 23# & 20#, K-55 intermediate casing (4184' set at 4197' w/374 cu. ft. cement. W.O.C. 12 hours, Held 1200#/30 minutes. Top of cement at 2700'.

11-4-83 T.D. 8415'. Ran 8 joints of 4 1/2", 11.6# N-80 7 P-110 production casing (8401') set at 8415'. Float collar set at 8406' w/650 cu. ft. cement. W.O.C. 18 hours. Top of cement at 2900'.

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

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

SIGNED R. P. Dumas TITLE Drilling Clerk DATE November 8, 1983

(This space for Federal or State office use)

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

DATE ~~NOV 15 1983~~

## FARMINGTON RESOURCE AREA

BY Sum m

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  
Box 4289, Farmington, New Mexico 87499  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1630'N, 1000'E  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

SUBSEQUENT REPORT OF:

☒  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

RECEIVED  
OCT 28 1983

(NOTE: Report on results of multiple completion or zone change on Form 9-330.)  
BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

5. LEASE  
SF 080538  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
San Juan 30-5 Unit  
8. FARM OR LEASE NAME  
San Juan 30-5 Unit  
9. WELL NO.  
104  
10. FIELD OR WILDCAT NAME  
Basin Dakota  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 13, T-30-N, R-5-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)  
6946' GL

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.)\*

10-26-83 Spudded well. Drilled surface hole. Ran 5 joints 9 5/8", 36.0#, K-55 Surface casing (207') set at 220' w/130 cu. ft. cement circulated to surface. W.O.C. 12 hours. Held 600#/30 minutes.

RECEIVED

NOV 7 1983

OIL CON. DIV.]  
DIST. 3

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

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

SIGNED M. G. Busco TITLE Drilling Clerk DATE October 28, 1983

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE NOV 04 1983  
CONDITIONS OF APPROVAL, IF ANY:

NMOCC

FARMINGTON RESOURCE AREA

BY sm



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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 4289, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with app. State requirements.)  
At surface 1630' N, 1000' E  
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.  
SF 080538

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
San Juan 30-5 Unit

8. FARM OR LEASE NAME  
San Juan 30-5 Unit

9. WELL NO.  
104

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
6 Sec. 13, T-30-N, R-5-W  
NMPM

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
7.5 miles NE of Gobernador, NM

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
1000

16. NO. OF ACRES IN LEASE  
Unit

17. NO. OF ACRES ASSIGNED TO THIS WELL  
217.76

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
2500

19. PROPOSED DEPTH  
8415'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6946' GL

22. APPROX. DATE WORK WILL START\*

23. DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"  
PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32.3#	200'	224 cf- circulated
8 3/4"	7"	20&23#	4190'	361 cf-cover Ojo Alamo
6 1/4"	4 1/2"	11.6#	8415'	650 cf-fill to inter.

Selectively perforate and sandwater fracture the Dakota formation.

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

This gas is dedicated.

The E/2 of Section 13 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. Guisco TITLE Drilling Clerk DATE 8-11-83

(This space for Federal or State office use)

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

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

CONDITIONS OF APPROVAL, IF ANY:

Well 104 for 15'

\*See Instructions On Reverse Side

WMOCC

APPROVED  
AS AMENDED

SEP 20 1983

M. MILLENBACH

ASST AREA MANAGER

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

Operator El Paso Natural Gas Company			Lease San Juan 30-5 Unit (SF 080538)		Well No. 104
Unit Letter G	Section 13	Township 30-N	Range 5-W	County Rio Arriba	
Actual Footage Location of Well:					
1630 feet from the North line and		1000 feet from the East line			
Ground Level Elev. 6946	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage 217.76		

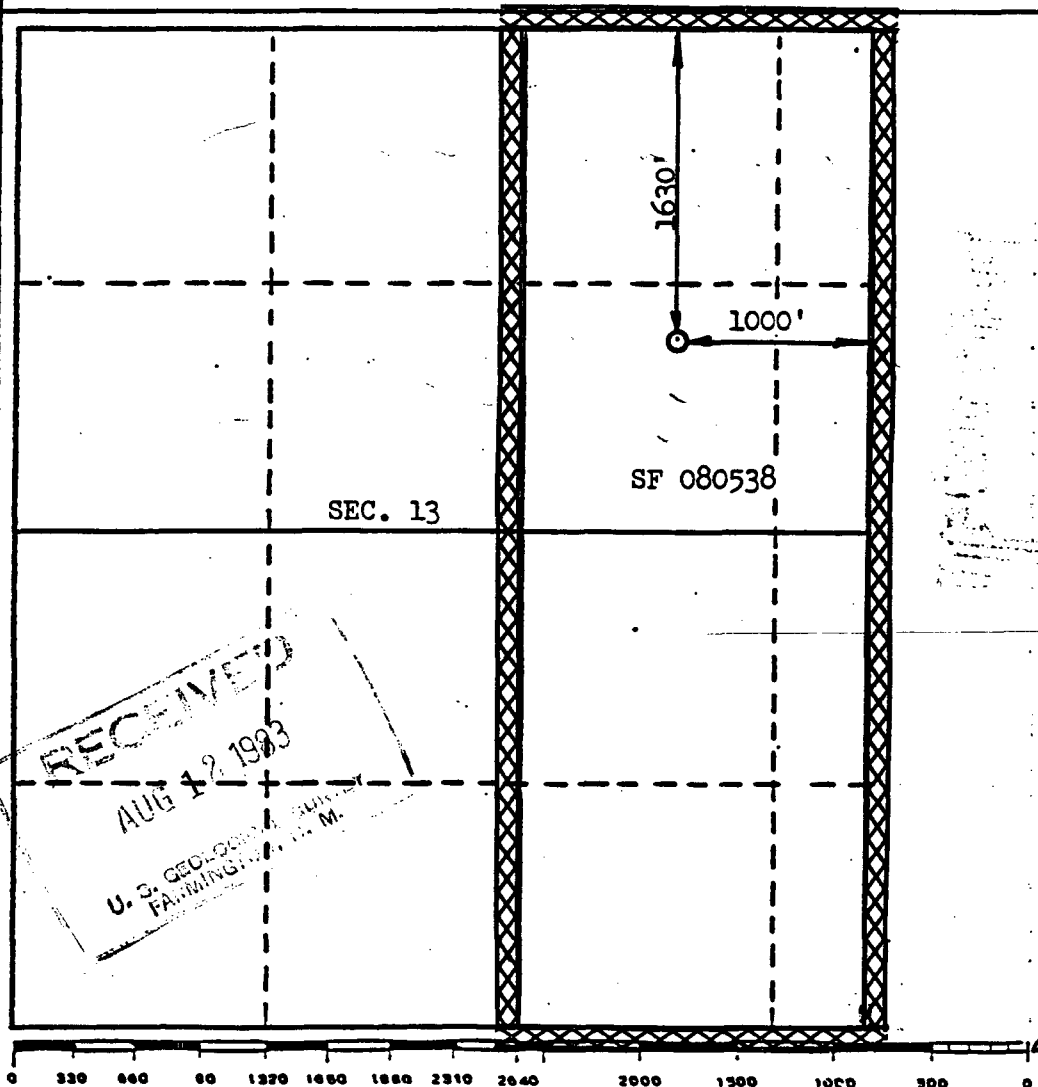
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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 Division.

RECEIVED  
SEP 30 1983  
OIL CON. DIV.  
DIST. 3



CERTIFICATION

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

*D. G. Brisco*

Name  
Drilling Clerk

Position  
El Paso Natural Gas Co.

Company  
August 12, 1983

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  
May 18, 1983

Registered Professional Engineer  
and/or Land Surveyor

*David Chikun*

Certificate No.

1760

UNITED STATES  
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK  
DRILL ☒ DEEPEN ☐

2. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐

3. NAME OF OPERATOR  
Phillips Petroleum Company

4. ADDRESS AND TELEPHONE NO.  
5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)  
At surface 1850' 1005'  
Unit J, 1925' FSL & 1110' FEL  
At proposed prod. zone  
Same as above

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
30 miles from Blanco, NM

7. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 1110'

8. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

9. NO. OF ACRES IN LEASE  
2522.75 acres

10. NO. OF ACRES ASSIGNED TO THIS WELL  
217.76 acres MV&DK - E/2

11. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

12. PROPOSED DEPTH  
8362'

13. ROTARY OR CABLE TOOLS  
Rotary

14. ELEVATIONS (Show whether DF, RT, GR, etc.)  
690' 6890' unprepared groundlevel

15. APPROX. DATE WORK WILL START\*  
2nd Qtr 2000

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#, J/K-55	320'*	158.5sx Type III (1.41 yield=223 cf)
8-3/4"	7"	20#, J/K-55	4127'	L-500.0sx TypeIII(2.37 yield=1185cf)
6-1/4"	4-1/2"	11.6#, I-80	8362'	T-50.0 sx Type III (1.4 yield=70 cf)
				332.7 sx C1 H (2.13 yield=709 cf)**

\* The surface casing will be set at a minimum of 320', but could be set deeper if required to maintain hole stability.

\*\* The production casing cement is calculated to cover the openhole interval with 60% excess and annular volume 100' within intermediate casing shoe. Depending on hole conditions, the well may be cemented in a single stage or two staged.

See attached for details on the BOP equipment and Cathodic Protection. DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

The pipeline for this well qualifies for APD/BOW process. See attached WFS plat and details in the Surface Use Plan. This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 Monica D. Rodahl TITLE Regulatory Assistant DATE 03/21/00

(This space for Federal or State office use)

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

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

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

\*See Instructions On Reverse Side

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.

HOLD C104 FOR NSP

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

5. Lease Serial No.

SF-080538

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

San Juan 30-5 Unit

8. Well Name and No.

SJ 30-5 Unit #104E

9. API Well No.

10. Field and Pool, or Exploratory Area

Basin Dakota and  
Blanco Mesaverde

11. County or Parish, State

Rio Arriba, NM

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3a. Address

5525 Highway 64, NBU 3004, Farmington, NM 87401

3b. Phone No. (include area code)

505-599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit J, 1850' FSL & 1005' FEL  
Section 13, T30N, R5W

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

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

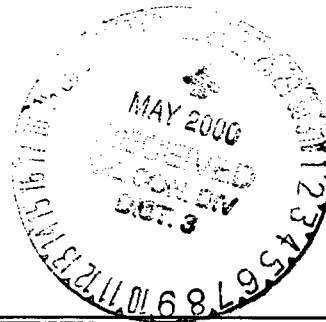
TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                     |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                     |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other <u>Moved to a</u> |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <u>standard location.</u>                                   |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

The original APD for this well was submitted 3/21/00 and at the request of NMOCD this well has been moved to the above location making it now a standard location per OCDs Rule 104.

Find attached new C102s, cut and fill, map and updated "Surface Use Plan". WFS has changed the pipeline route also and the new P/L plat is attached. We would like to use the APD/ROW process for this pipeline.



District I  
191 Box 1980, Hobbs, NM 88241-1980  
District II  
111 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-10  
Revised October 18, 1991  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

200 MAY 24 AM 8:56

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

APL Number 30-039-26417	Pool Code 72319	Pool Name Blanco Mesaverde
Property Code 009258	Property Name SAN JUAN 30-5 UNIT	Well Number 104E
GRID No. 017654	Operator Name PHILLIPS PETROLEUM COMPANY	Elevation 6901'

10 Surface Location

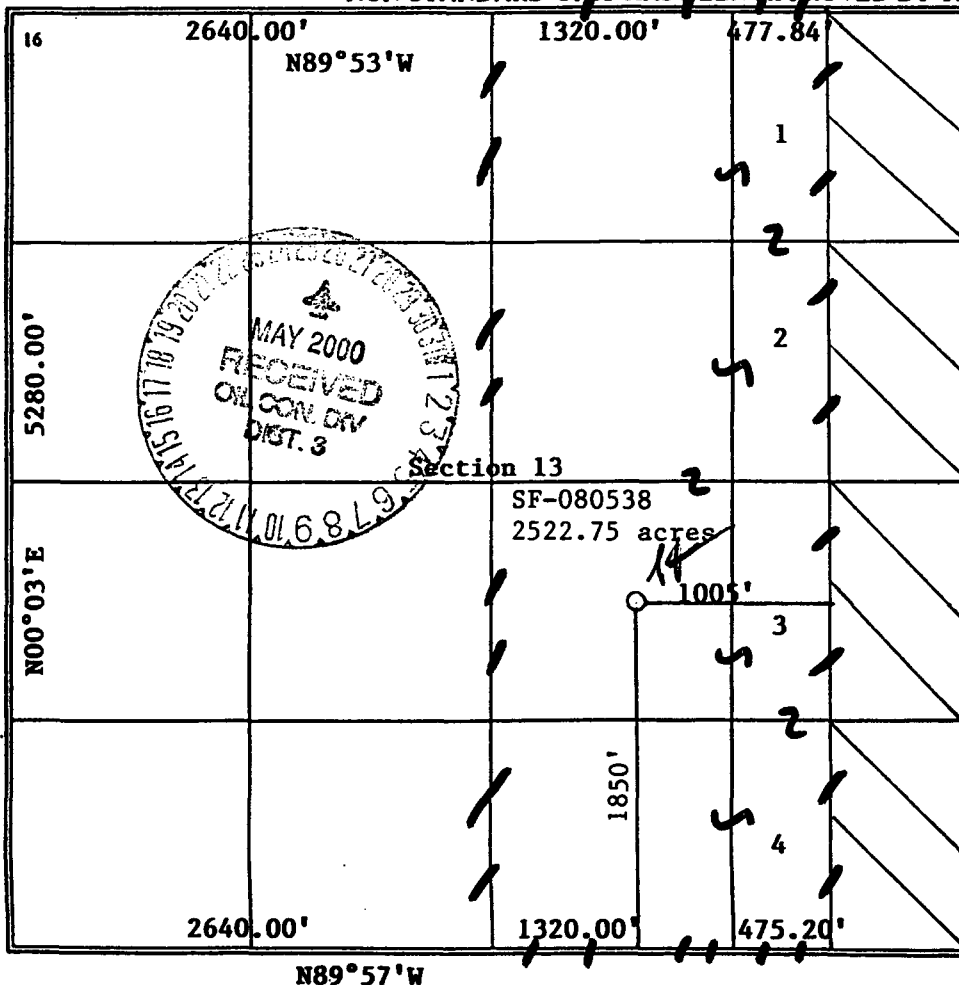
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	13	30N	5W		1850'	SOUTH	1005'	EAST	RIO ARRIBA

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
J									

12 Dedicated Acres 217.76 E/2	13 Joint or Infill I	14 Consolidation Code U	15 Order No.
----------------------------------	-------------------------	----------------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR  
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

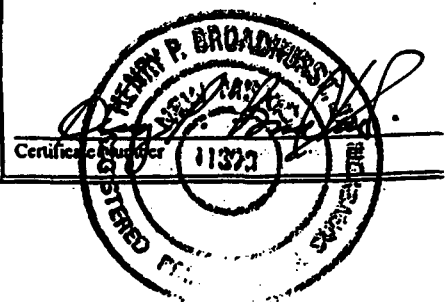
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Patsy Clugston*  
Signature  
Patsy Clugston  
Printed Name  
Sr. Regulatory/Proration Clerk  
Title  
May 15, 2000  
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.

04/21/2000  
Date of Survey  
Signature and Seal of Professional Surveyor:



**N89°57'W**

# PHILLIPS PETROLEUM COMPANY

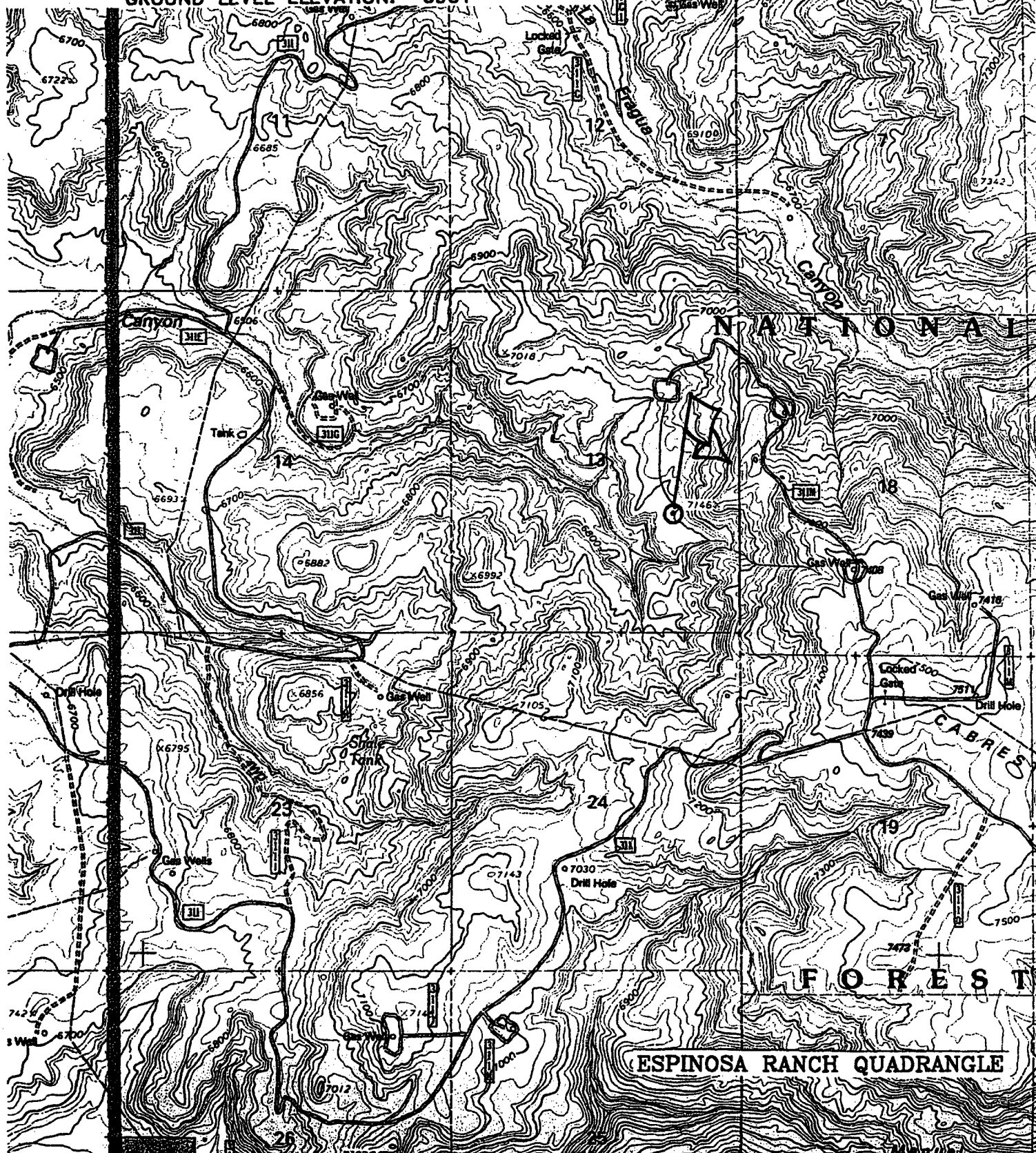
SAN JUAN 30-5 UNIT No. 104E

1850' FSL, 1005' FEL

SE/4 SEC. 13, T-30-N, R-05-W, N.M.P.M.,

RIO ARriba COUNTY, NEW MEXICO

GROUND LEVEL ELEVATION: 6901'



## **BOP AND RELATED EQUIPMENT CHECK LIST**

### **3M SYSTEM:**

**2 hydr. rams (pipe & blind) or hydr. ram and annular with blind ram on bottom**

**Kill Line (2-inch minimum)**

**1 kill line valve (2-inch minimum)**

**1 choke line valve**

**2 chokes (refer to diagram in attachment 1) on choke manifold**

**Upper kelly cock valve in open position with handle available**

**Safety valve (in open position) and subs to fit all drill strings in use (with handle available)**

**Pressure gauged on choke manifold**

**2 inch minimum choke line**

**Fill-up line above the uppermost preventer**

***The BOPs will be pressure tested according to Onshore Order #2 III, A 1 and 30% safety factor.***