



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

April 30, 1997

RECEIVED  
MAY - 1 1997

OIL CON. DIV.  
DIST. 3

**Amoco Production Company**  
**San Juan Business Unit**  
**P.O. Box 800**  
**Denver, Colorado 80201**  
**Attention: Pamela W. Staley**  
**Regulatory Affairs Engineer**

*Administrative Order NSL-3792*

Dear Ms. Staley:

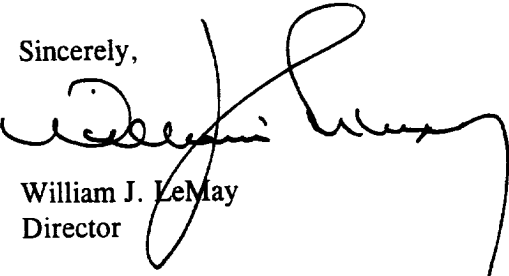
Reference is made to your application dated April 15, 1997 for a non-standard Basin-Fruitland coal gas well location for your existing Gallegos Canyon Unit Well No. 241 (API No. 30-045-11687), which was drilled in 1966 and completed in the Basin-Dakota Pool, said well is located 2385 feet from the North line and 990 feet from the West line (Unit E) of Section 29, Township 28 North, Range 12 West, NMPM, San Juan County, New Mexico.

It is our understanding that the Basin-Dakota interval is to be properly plugged back and said well will be recompleted to the West-Kutz Pictured Cliffs Pool, which pursuant to Division General Rule 104.C(3) said well location is considered to be unorthodox for said pool.

The application has been duly filed under the provisions of Rule 104.F of the General Rules and Regulations of the New Mexico Oil Conservation Division ("Division"), revised by Division Order No. R-10533, issued by the Oil Conservation Commission in Case 11,351 on January 18, 1996.

By the authority granted me under the provisions of Division General Rule 104.F(2), the above-described unorthodox Pictured Cliffs gas well location is hereby approved.

Sincerely,

  
William J. LeMay  
Director

WJL/MES/kv

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



April 15, 1997

Mr. William J. LeMay, Director  
New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
P.O. Box 6429  
Santa Fe, NM 87505

Amoco Production Company  
San Juan Business Unit

1670 Broadway  
Post Office Box 800  
Denver, Colorado 80201  
303-830-4040

RECEIVED  
APR 21 1997

OIL CON. DIV.  
DIST. 3

**Application For Unorthodox Location**  
**Gallegos Canyon Unit Well No. 241**  
**990' FWL, 2385' FNL, Unit E Section 29-T28N-R12W**  
**Basin Dakota and West Kutz Pictured Cliffs Gas Pools**  
**San Juan County, New Mexico**

Amoco Production Company hereby requests administrative approval for an unorthodox well location for the Gallegos Canyon Unit Well No. 241 well in the Basin Dakota and West Kutz Pictured Cliffs Gas Pools. Amoco plans to recomple this well from the Dakota formation to the Pictured Cliffs. This well is at an unorthodox location for the Dakota, however, the Basin Dakota will be plugged and abandoned as a part of our workover as indicated on the attached Notice of Intent. I have included a topographic sheet showing the location of the original well and have been unable to determine the reason why this well was placed in an unorthodox location. By reason that the well is to be recompleted to the Pictured Cliffs formation and that the surrounding acreage is unitized in both formations we request a location exception for the Pictured Cliffs formation.

Amoco is the only offset operator in the Dakota and the Pictured Cliffs formations, so no notice is necessary to Offset Operators. Attached are plats showing the location of the well and all wells drilled in the area, the topography surrounding the wellsite, and a C-102 for the Dakota and the Pictured Cliffs formations. Should you have questions regarding this application, do not hesitate to call me at (303) 830-5344.

Pamela W. Staley  
Regulatory Affairs Engineer

**Attachments**

cc: Frank Chavez, Supervisor  
NMOCD District III  
1000 Rio Brazos Road  
Aztec, NM 87410

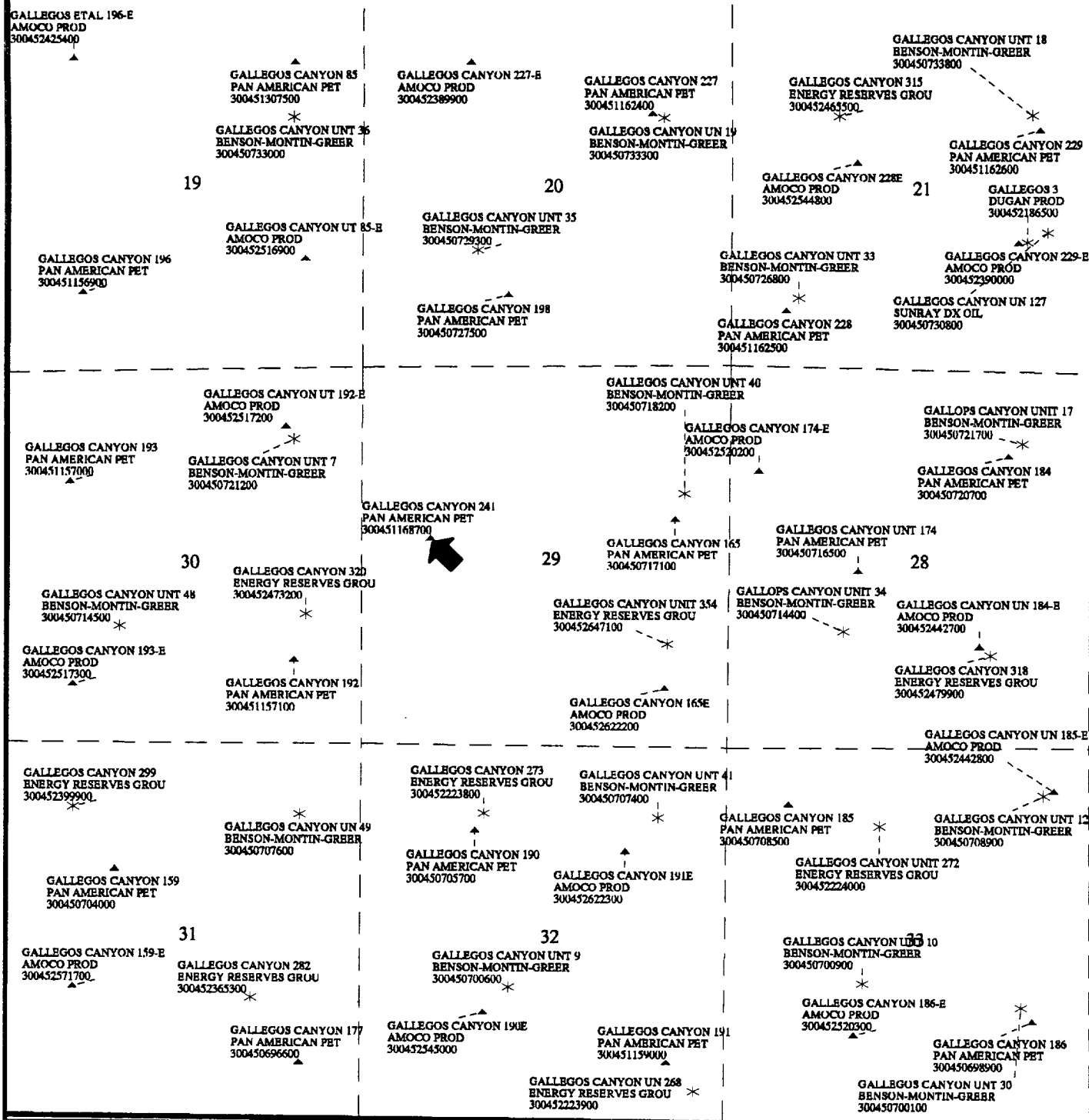
Mark Yamasaki, Amoco  
Nancy Whitaker, Amoco  
Irina Mitselmakher, Amoco  
Wellfile  
Proration Files - NM

APPLICATION FOR APPROVAL OF UNORTHODOX LOCATION UNDER RULE 104-F

**Gallegos Canyon Unit Well No. 241  
990' FWL, 2385' FNL, Unit E Section 29-T28N-R12W  
Basin Dakota and West Kutz Pictured Cliffs Gas Pools**

ATTACHMENTS:

- 9-SECTION PLAT SHOWING LOCATION OF ALL OFFSET WELLS
- FORM C-102 FOR DAKOTA FORMATION
- TOPOGRAPHIC MAP SHOWING EXISTING WELL LOCATION
- FORM C-102 FOR PICTURED CLIFFS FORMATION
- NOTICE OF INTENT



T28

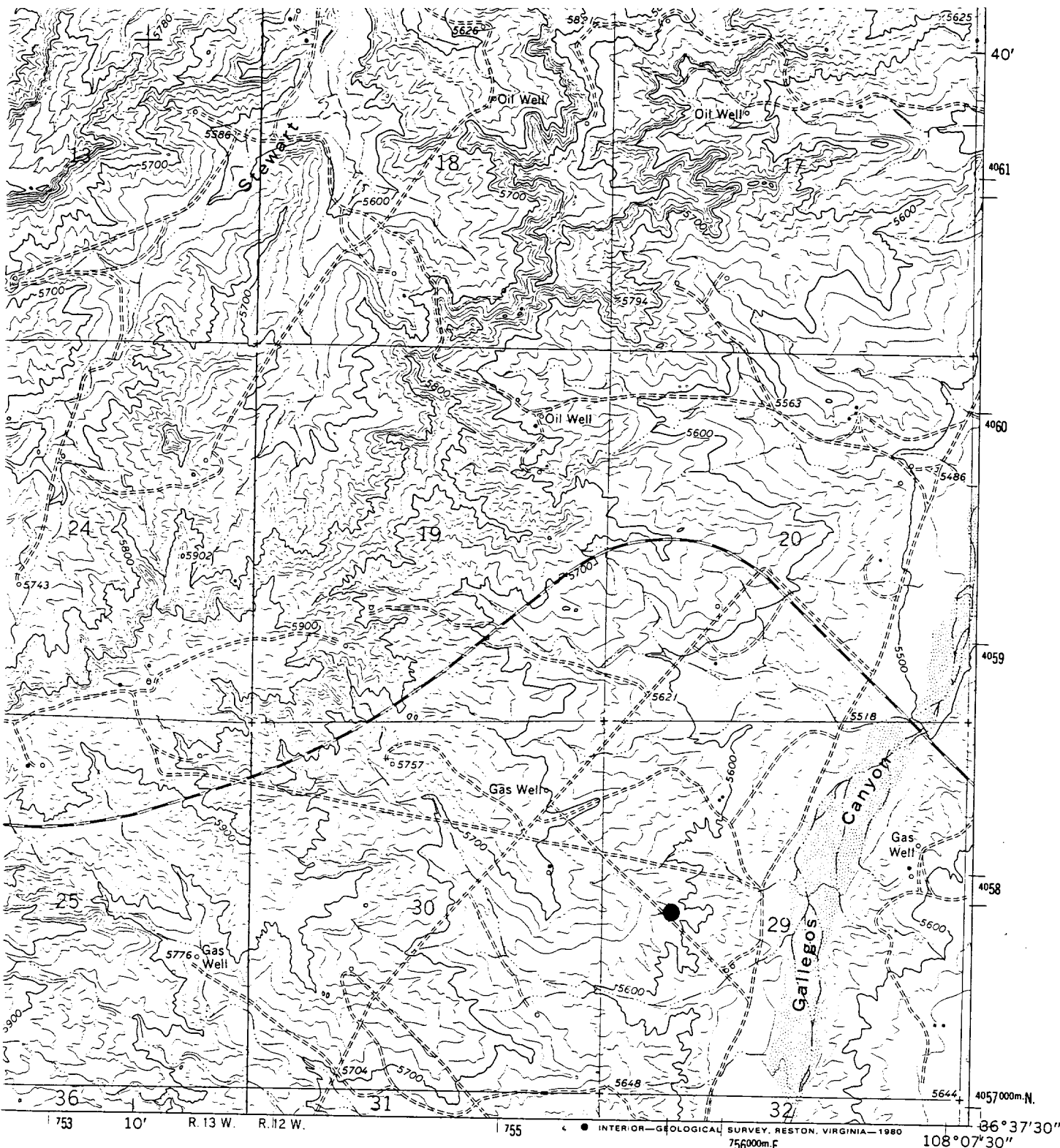
T27

R13W

R12W

AMOCO

Type of Map:	
Horizon: Pictured Cliff & Dakota	
Block(s)/Grid(s):	
Area/Country:	License:
Interpreter(s):	Date: April 02, 1997
Scale = 1:25000	Contour Interval:
Remarks: 8 SECTION PLAT. W/ PC & OK WELLS GCU (24) Sec. 28-1200-1120	
File/Film No.:	Draft by:



1 MILE  
FEET



### ROAD CLASSIFICATION

- |             |       |                 |       |
|-------------|-------|-----------------|-------|
| Heavy-duty  | ————— | Light-duty      | ————— |
| Medium-duty | ————— | Unimproved dirt | ————— |
| U. S. Route |       | State Route     |       |

4357 II SE  
(GALLEGOS)  
TRADING POST

FARMINGTON SOUTH, N. MEX.  
N36°37.5'—W108°07.5'7.5

1965  
PHOTOREVISED 1979  
DMA 4357 II NW—SERIES V881

NIA 22092

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACERAGE DEDICATION PLAT**

All distances must be from the outer boundaries of the Section

Operator <b>Pan American Petroleum Corporation</b>			Lease <b>Gallegos Canyon Unit</b>		Well No. <b>241</b>
Unit Letter <b>E</b>	Section <b>29</b>	Township <b>28 North</b>	Range <b>12 West</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>2385</b> feet from the <b>North</b> line and <b>990</b> feet from the <b>West</b> line					
Ground Level Elev. <b>Report Later</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>320</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?

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

If answer is "no," list the owners and tract descriptions which have actually 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.

Name G. W. Eaton, Jr.

Position Area Engineer

Company PAN AMERICAN PETROLEUM CORP.

Date March 18, 1966

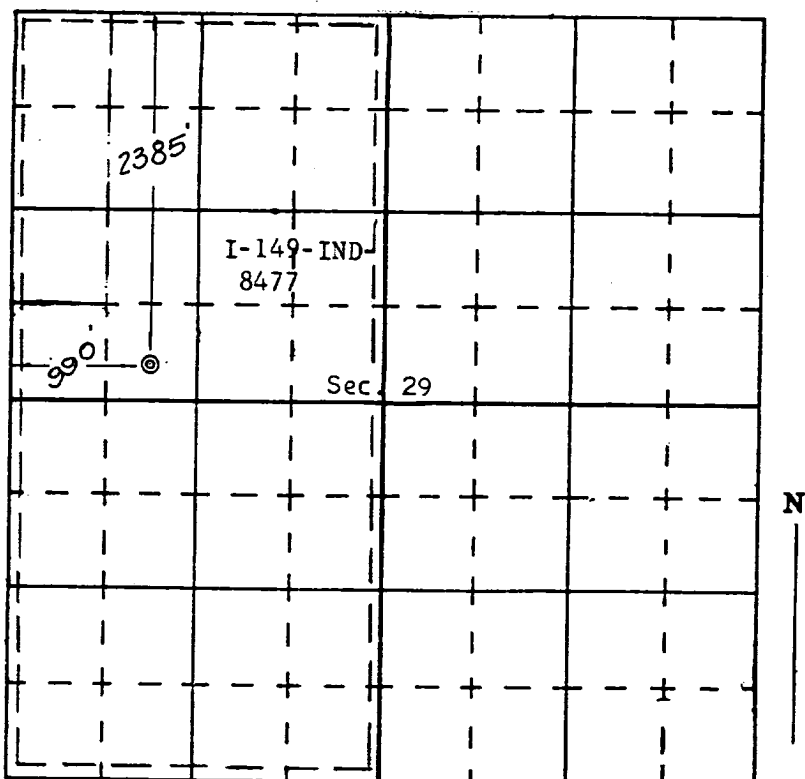
March 18, 1966

I hereby certify that the well location shown on this plat was plotted from field notes of actual survey 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 March 12, 1966

Registered Professional Engineer and/or Land Surveyor

G. W. Eaton, Jr.  
Certificate No. 3602



DISTRICT II  
311 South First., Artesia, NM 88210

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Revised October 18, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 3004511687	Pool Code	Pool Name WEST KUTZ-PICTURED CLIFFS GAS POOL
Property Code	Property Name GALLEGOS CANYON UNIT	Well Number 241
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5634

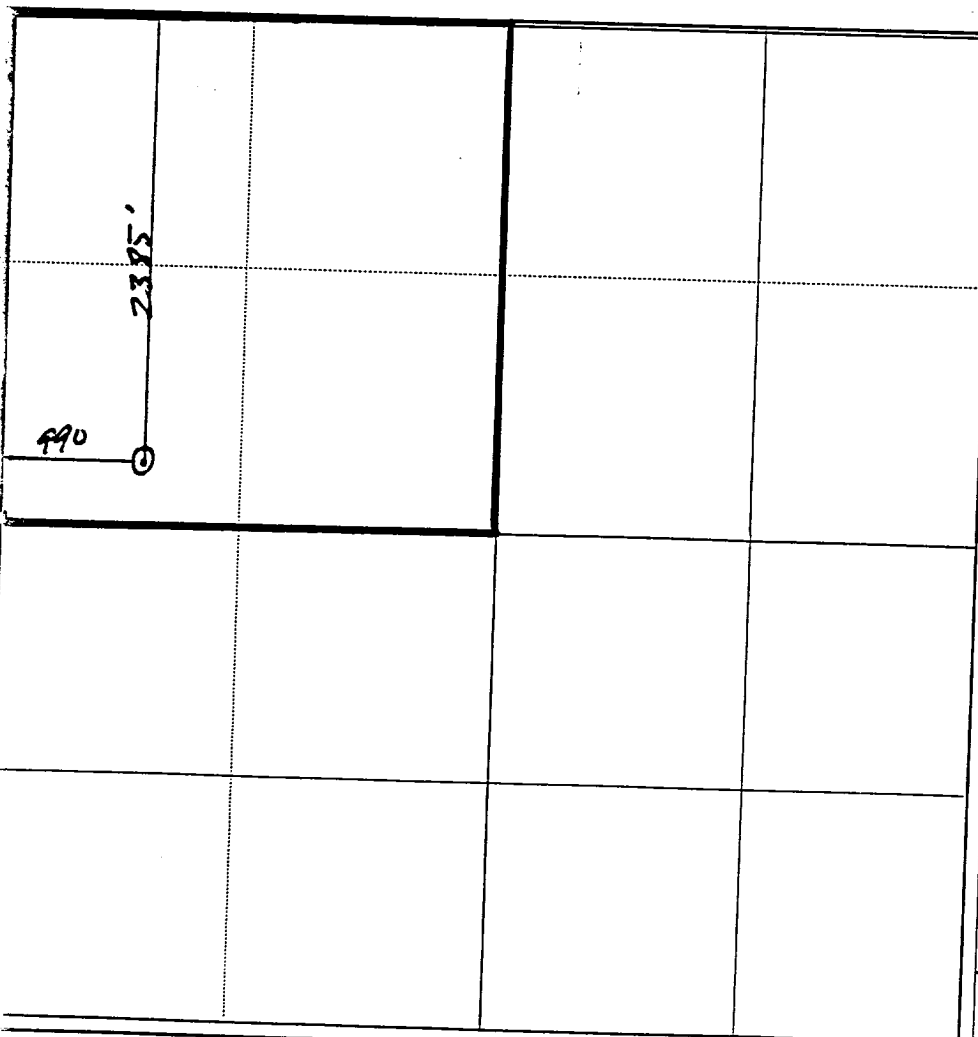
Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT E	29	28N	12W		2385	NORTH	990	WEST	San Juan

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
Dedicated Acreage: 160		Joint or Infill	Consolidation Code		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



OPERATOR CERTIFICATION

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

Signature

*Nancy I. Whitaker*

Printed Name

Nancy I. Whitaker

Position

Staff Assistant

Date

03/28/1997

SURVEY 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 knowledge and belief.

03/12/1966

Date of Survey

Signature & Seal of Professional Surveyor

ERNEST V ECHOHAWK

Certificate No.

3602

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.

I-14-IND-8477

6. If Indian, Allottee or Tribe Name

NAVAJO

7. If Unit or CA, Agreement Designation

8. Well Name and No.

GALLEGOS CANYON UNIT 241

9. API Well No.

3004511687

10. Field and Pool, or Exploratory Area

West Kutz-Pictured Cliffs Gas Pool

11. County or Parish, State

San Juan New Mexico

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Nancy I. Whitaker

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

303-830-5039

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

2385 FNL

990 FWL

Sec. 29 T 28N R 12W

UNIT E

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 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.)\*

AMOCO PRODUCTION COMPANY REQUESTS PERMISSION TO RECOMPLETE THE ABOVE WELL TO THE PICTURE CLIFFS AND TO PERMANENTLY ABANDON THE BASIN DAKOTA ACCORDING TO THE ATTACHED PROCEDURES.

FOR TECHNICAL INFORMATION CONTACT IRINA MITSELMAKHER 303-830-4371

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

Signed

*Nancy I. Whitaker*

Title

Staff Assistant

Date

03-28-1997

This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

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 Instructions on Reverse Side