

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

600 #241

ADMINISTRATIVE APPLICATION COVERSHEET

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

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [SD-Simultaneous Dedication]
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

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

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

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners *UNIT*
ALL OFFSETS = AMOCO
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
 U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

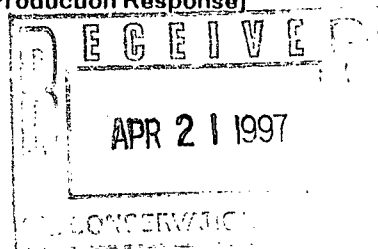
Note: Statement must be completed by an individual with supervisory capacity.

PAMELA W. STALEY
 Print or Type Name

Pamela W. Staley
 Signature

REGULATORY AFFAIRS ENGR.
 Title

4/15/97
 Date





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

**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 recompleting 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

GALLEGOS ETAL 196-E
AMOCO PROD
300452425400

GALLEGOS CANYON 85
PAN AMERICAN PET
300451307500

GALLEGOS CANYON 227-E
AMOCO PROD
300452389900

GALLEGOS CANYON 227
PAN AMERICAN PET
300451162400

GALLEGOS CANYON 315
ENERGY RESERVES GROU
300452463500

GALLEGOS CANYON UNIT 18
BENSON-MONTIN-GREER
300450733800

GALLEGOS CANYON UNIT 36
BENSON-MONTIN-GREER
300450733000

GALLEGOS CANYON UN 19
BENSON-MONTIN-GREER
300450733300

GALLEGOS CANYON 229
PAN AMERICAN PET
300451162600

19

20

21

GALLEGOS CANYON 196
PAN AMERICAN PET
300451156900

GALLEGOS CANYON UT 85-E
AMOCO PROD
300452516900

GALLEGOS CANYON UNIT 35
BENSON-MONTIN-GREER
300450729300

GALLEGOS CANYON 228E
AMOCO PROD
300452544800

GALLEGOS 3
DUGAN PROD
300452186500

GALLEGOS CANYON 229-E
AMOCO PROD
300452390000

GALLEGOS CANYON 198
PAN AMERICAN PET
300450727500

GALLEGOS CANYON UNIT 33
BENSON-MONTIN-GREER
300450726800

GALLEGOS CANYON 228
PAN AMERICAN PET
300451162500

GALLEGOS CANYON UN 127
SUNRAY DX OIL
300450730800

GALLEGOS CANYON UT 192-E
AMOCO PROD
300452517200

GALLEGOS CANYON UNIT 40
BENSON-MONTIN-GREER
300450718200

GALLEGOS CANYON UNIT 17
BENSON-MONTIN-GREER
300450721700

GALLEGOS CANYON 193
PAN AMERICAN PET
300451157000

GALLEGOS CANYON UNIT 7
BENSON-MONTIN-GREER
300450721200

GALLEGOS CANYON 174-E
AMOCO PROD
300452520200

GALLEGOS CANYON 184
PAN AMERICAN PET
300450720700

GALLEGOS CANYON 241
PAN AMERICAN PET
300451168700

GALLEGOS CANYON 165
PAN AMERICAN PET
300450717100

GALLEGOS CANYON UNIT 174
PAN AMERICAN PET
300450716500

30

29

28

GALLEGOS CANYON UNIT 48
BENSON-MONTIN-GREER
300450714500

GALLEGOS CANYON 320
ENERGY RESERVES GROU
300452473200

GALLEGOS CANYON UNIT 354
ENERGY RESERVES GROU
300452647100

GALLEGOS CANYON UNIT 34
BENSON-MONTIN-GREER
300450714400

GALLEGOS CANYON UN 184-E
AMOCO PROD
300452442700

GALLEGOS CANYON 193-E
AMOCO PROD
300452517300

GALLEGOS CANYON 192
PAN AMERICAN PET
300451157100

GALLEGOS CANYON 165E
AMOCO PROD
300452622200

GALLEGOS CANYON 318
ENERGY RESERVES GROU
300452479900

GALLEGOS CANYON UN 185-E
AMOCO PROD
300452442800

GALLEGOS CANYON 299
ENERGY RESERVES GROU
300452399900

GALLEGOS CANYON 273
ENERGY RESERVES GROU
300452223800

GALLEGOS CANYON UNIT 41
BENSON-MONTIN-GREER
300450707400

GALLEGOS CANYON 185
PAN AMERICAN PET
300450708500

GALLEGOS CANYON UNIT 12
BENSON-MONTIN-GREER
300450708900

GALLEGOS CANYON UN 49
BENSON-MONTIN-GREER
300450707600

GALLEGOS CANYON 190
PAN AMERICAN PET
300450705700

GALLEGOS CANYON 191E
AMOCO PROD
300452622300

GALLEGOS CANYON UNIT 272
ENERGY RESERVES GROU
300452224000

31

32

33

GALLEGOS CANYON 159
PAN AMERICAN PET
300450704000

GALLEGOS CANYON 282
ENERGY RESERVES GROU
300452365300

GALLEGOS CANYON UNIT 9
BENSON-MONTIN-GREER
300450700600

GALLEGOS CANYON UN 110
BENSON-MONTIN-GREER
300450700900

GALLEGOS CANYON 159-E
AMOCO PROD
300452571700

GALLEGOS CANYON 177
PAN AMERICAN PET
300450696600

GALLEGOS CANYON 190E
AMOCO PROD
300452545000

GALLEGOS CANYON 191
PAN AMERICAN PET
300451159000

GALLEGOS CANYON 186-E
AMOCO PROD
300452520300

GALLEGOS CANYON 186
PAN AMERICAN PET
300450698900

GALLEGOS CANYON UN 268
ENERGY RESERVES GROU
300452223900

GALLEGOS CANYON UNIT 30
BENSON-MONTIN-GREER
300450700100

R13W

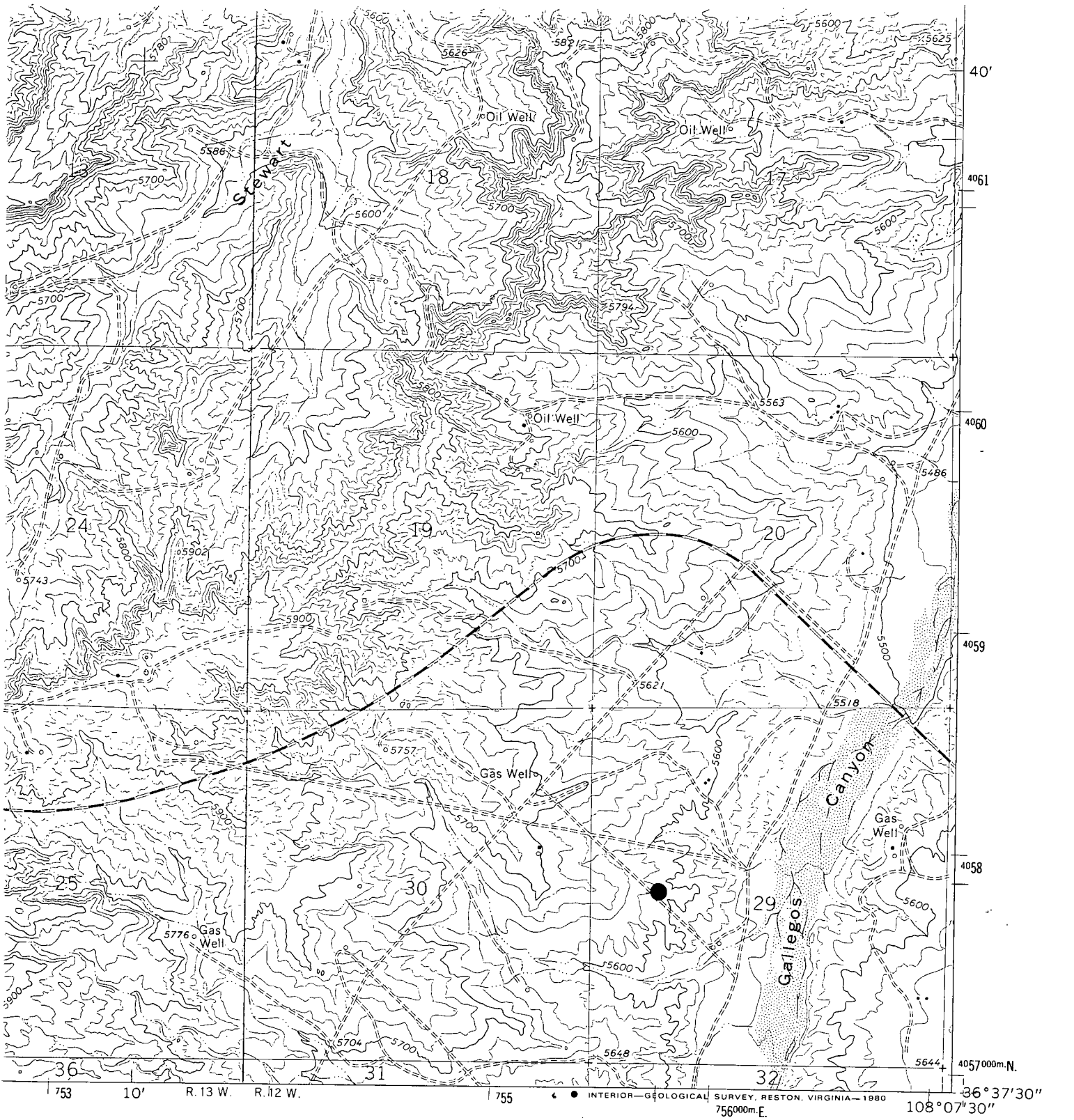
R12W

T27N

T28N

AMOCO

Type of Map:			
Horizon:	Pictured Cliff & Dakota		
Block(s)/Grid(s):			
Area/Country:	License:		
Interpreter(s):	Date: April 07, 1997		
Scale = 1:25000	Contour Intervals:		
Remarks: 9 SECTION PLAT W/ PC & DR WELLS GCU #241 Sec. 28-128W-R12W			
Film File No.:	Draft by:		



1 MILE
FEET



ROAD CLASSIFICATION

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

FARMINGTON SOUTH, N. MEX.
N3637.5—W10807.5/7.5

1965
PHOTOREVISED 1979.
DMA 4357 II NW—SERIES V881

4357 II SE
(GALLEGOS
TRADING POST)

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

All distances must be from the outer boundaries of the Section

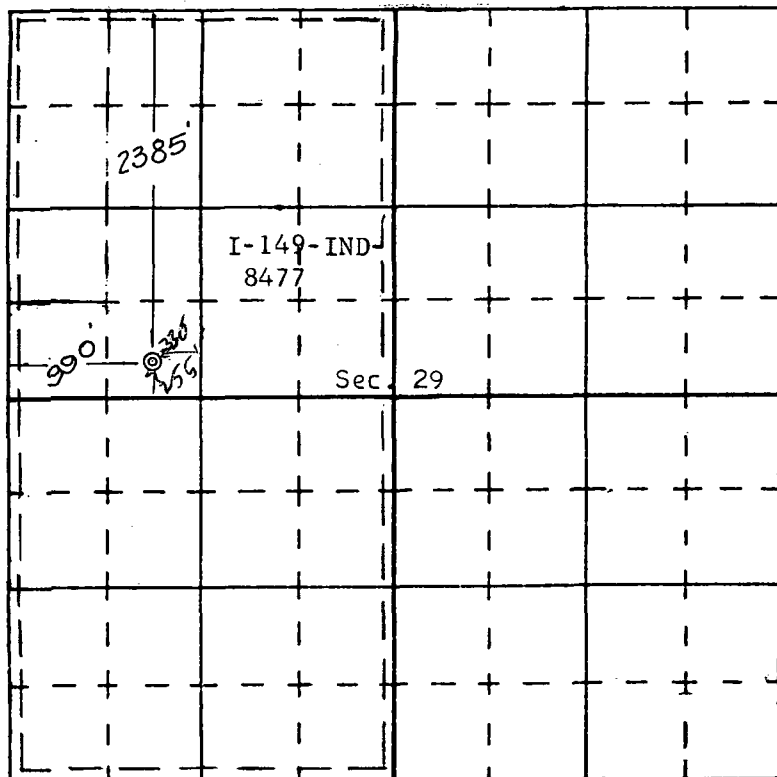
Operator Pan American Petroleum Corporation			Lease Gallegos Canyon Unit		Well No. 241
Unit Letter E	Section 29	Township 28 North	Range 12 West	County San Juan	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 2385 feet from the North line and 990 feet from the West line </div>					
Ground Level Elev. Report Later	Producing Formation Dakota	Pool Basin Dakota		Dedicated Acreage: 320	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.

5320
 2040
 2385
 255



CERTIFICATION

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

G. W. Eaton, Jr.
 Name
G. W. Eaton, Jr.
 Position
Area Engineer
 Company
PAN AMERICAN PETROLEUM CORP.
 Date
March 18, 1966

I have certified 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.

Ernest V. ECHOHAWK
 Date Surveyed
March 12, 1966
 Registered Professional Engineer
 and/or Land Surveyor

Certificate No. 3602

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
311 South First,, Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Sante Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-102
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

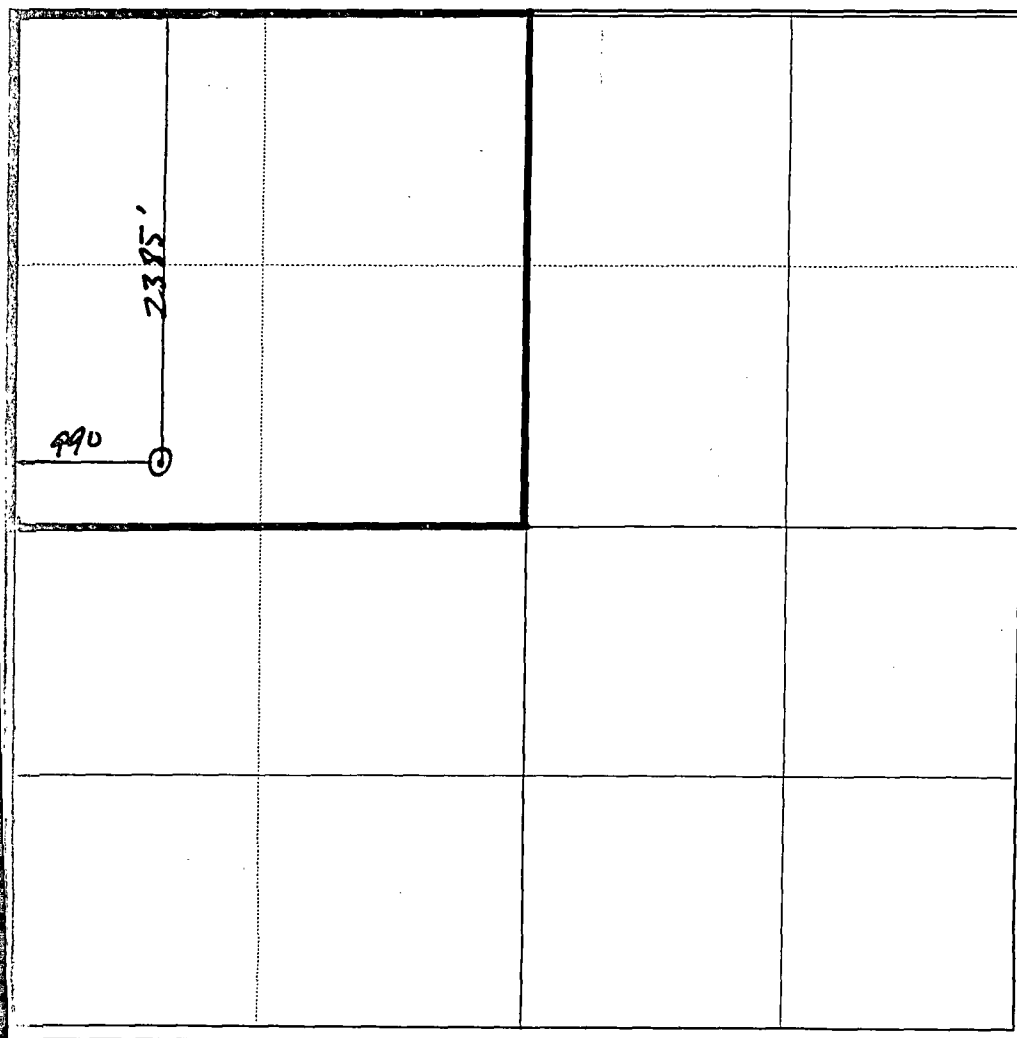
UL or lot no. UNIT E	Section 29	Township 28N	Range 12W	Lot. Idn	Feet from the 2385	North/South Line NORTH	Feet from the 990	East/West Line WEST	County San Juan
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Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
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Dedicated Acreage: 160	Joint or Infill	Consolidation Code	Order No.
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**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

	OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i> Signature <i>Nancy I. Whitaker</i> Printed Name Nancy I. Whitaker Position Staff Assistant Date 03/28/1997
	SURVEY CERTIFICATION <i>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.</i> 03/12/1966 Date of Survey Signature & Seal of Professional Surveyor ERNEST V ECHOHAWK Certificate No. 3602

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

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

Attention:

AMOCO PRODUCTION COMPANY

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

Title

Date

Conditions of approval, if any:

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

* See Instructions on Reverse Side