

Stogner, Michael

From: Corley, Mary L[SMTP:corleym@bp.com]
Sent: Monday, August 14, 2000 1:18 PM
To: Stogner, Michael
Subject: FW: Amoco's Gallegos Canyon Unit . #213

Please advise on the status of our application for a nonstandard location for the subject well or if additional data is required. Please reference previous email notes concerning this well. Application was originally submitted on March 29, 2000. A sundry notice was submitted to the BLM for well # 213E requesting permission to permanently plug and abandon on July 27, 2000. Approval is pending.

Thank you,
Mary Corley
281-366-4491

> -----Original Message-----

> From: Corley, Mary L
> Sent: Thursday, April 27, 2000 3:41 PM
> To: 'Stogner, Michael'
> Subject: RE: Amoco's Gallegos Canyon Unit . #213

>
> Well # 213E was not a successful Dakota completion. In 1996 it was
> considered for recompletion uphole into the Fruitland Coal. Recompletion
> was never performed. A review of shut-in and nonproducing Dakota wells
> within Gallegos Canyon Unit was performed and potential uphole
> recompletion candidates were evaluated. Of the two wells - 213 and 213E -
> the most favorable well and potentially most economic recompletion appears
> to be well # 213. Additionally, the only pipeline constraint seems to be
> that the pipeline meter was installed further from the well 213E location
> than we desired. Since 213E is non-productive, the BLM has required us
> to restore well to service, recomplete, or plug and abandon. We would
> prefer to P&A this well and attempt recompletion into the Fruitland Coal
> utilizing well # 213. Surface owner, Tommy Bolack, has also stated his
> desire that # 213E be abandoned. It is our desire to accommodate the
> request of both the surface owner and the BLM.

>
> Please advise if this addresses your concerns on this matter.

>
> Thank You,

>
> -----

> From: Stogner, Michael[SMTP:MSTOGNER@state.nm.us]
> Sent: Thursday, April 27, 2000 9:14 AM
> To: 'Corley, Mary L'
> Cc: 'Bill Hawkins (BP/Amoco)'
> Subject: RE: Amoco's Gallegos Canyon Unit . #213

>
> I am assuming that the BLM is the surface owner in this case. Please
> explain
> in detail what you mean by, "at the request of the surface owner the
> #213-E
> will be P&A'ed". What condition is the #213-E well in that the BLM is
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> BP/Amoco P&A it? Do the pipeline constraints mentioned still exist?
>
>> -----
>> From: Corley, Mary L[SMTP:corleym1@bp.com]
>> Sent: Thursday, April 27, 2000 7:01 AM
>> To: Stogner, Michael
>> Subject: Amoco's Gallegos Canyon Unit . #213
>>
>> <<File: Amoco.doc>>
>> In response to your request for supplemental data concerning the status
> of
>> Gallegos Canyon Unit well # 213E, please note that well # 213E is
>> currently a shut in Dakota well, it was never recompleted into the Basin
>> Fruitland Coal pool due to pipeline restraints. At the request of the
>> surface owner the subject well be plugged and abandoned in the near
>> future.
>>
>>
>> Please advise if you need additional information.
>>
>> Thanks,
>>> -----
>>> From: Hawkins, James W
>>> Sent: Thursday, April 20, 2000 10:07 AM
>>> To: Corley, Mary L
>>> Cc: Eddington, Max K; Papageorge, John
>>> Subject: FW: Amoco's Gallegos Canyon Un. #213
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>>> If this well is not located next to the GCU boundary we should point
> out
>>> that there will be no correlative rights violated by using either well
>>> since we are only affecting our PA.
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>>> Let me know what your review turns up.
>>> Bill Hawkins
>>> Regulatory Affairs
>>> 501 WestLake Park Blvd, MC 2.508
>>> Houston Texas 77079
>>> Phone: 281-366-5450
>>> Fax: 281-366-7143
>>> Email: hawkinj2@bp.com
>>>
>>> -----

>>> From: Stogner, Michael[SMTP:MSTOGNER@state.nm.us]
>>> Sent: Wednesday, April 19, 2000 4:16 PM.
>>> To: Perrin, Charlie; 'Bill Hawkins (BP/Amoco)'
>>> Subject: Amoco's Gallegos Canyon Un. #213
>>>
>>> Request for supplemental data.
>>> <<Amoco>>
>>>
>>>
>>>
>>
>

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 2096
Order No. R-1814

APPLICATION OF THE OIL CONSERVATION
COMMISSION ON ITS OWN MOTION TO
CONSIDER ESTABLISHING NON-STANDARD
GAS PRORATION UNITS IN THE BASIN-
DAKOTA GAS POOL IN CERTAIN PARTIAL
SECTIONS, SAN JUAN COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on
October 13, 1960, at Farmington, New Mexico, before the Oil
Conservation Commission of New Mexico, hereinafter referred
to as the "Commission."

NOW, on this 4th day of November, 1960, the Commission,
a quorum being present, having considered the testimony presented
and the exhibits received at said hearing, and being fully advised
in the premises,

FINDS:

(1) That due public notice having been given as required by
law, the Commission has jurisdiction of this cause and the subject
matter thereof.

(2) That, in order to ensure systematic development and
thereby prevent waste and protect correlative rights, the Commis-
sion should establish individual proration units in the Basin-
Dakota Gas Pool in the tier of partial sections lying immediately
South of the Seventh Standard Parallel North in Township 28 North,
Ranges 8 through 13 West, NMPM, San Juan County, New Mexico.

(3) That by Order No. R-1628-A an administrative procedure
was established whereby the Commission could establish a non-
standard Dakota gas proration unit consisting of all of partial
Section 7 and the W/2 W/2 of partial Section 8, Township 28 North,
Range 10 West, NMPM, San Juan County, New Mexico, which area should
be excepted from the area divided into non-standard proration
units by this order.

IT IS THEREFORE ORDERED:

(I) That the following-described areas be and the same are hereby established as non-standard gas proration units in the Basin-Dakota Gas Pool, San Juan and Rio Arriba Counties, New Mexico.

- (1) All of partial Section 7 plus Lot 4 and the S/2 SW/4 of partial Section 8, Township 28 North, Range 13 West, comprising 362.41 acres.
- (2) Lots 1, 2 and 3 and the S/2 SE/4 of partial Section 8 plus Lots 2, 3 and 4, the S/2 SW/4 and the SW/4 SE/4 of partial Section 9, Township 28 North, Range 13 West, comprising 378.28 acres.
- (3) Lot 1 and the SE/4 SE/4 of partial Section 9 plus all of Section 10, Township 28 North, Range 13 West, comprising 344.42 acres.
- (4) All of partial Section 11 plus Lot 4 and the SW/4 SW/4 of partial Section 12, Township 28 North, Range 13 West, comprising 344.28 acres.
- (5) Lots 1, 2 and 3, the SE/4 SW/4, and the S/2 SE/4 of partial Section 12, Township 28 North, Range 13 West, plus Lots 2, 3, 4 and 5, and the SE/4 SW/4 of partial Section 7, Township 28 North, Range 12 West, comprising 364.58 acres.
- (6) Lot 1 and the S/2 SE/4 of partial Section 7 plus Lots 2, 3 and 4 and the S/2 S/2 of partial Section 8, Township 28 North, Range 12 West, comprising 354.12 acres.
- (7) Lot 1 of partial Section 8 plus all of partial Section 9 plus the SW/4 SW/4 of partial Section 10, Township 28 North, Range 12 West, comprising 340.91 acres.
- (8) Lots 1, 2, 3 and 4, the SE/4 SW/4 and the S/2 SE/4 of partial Section 10 plus Lots 3 and 4 and the S/2 SW/4 of partial Section 11, Township 28 North, Range 12 West, comprising 366.46 acres.
- (9) Lots 1 and 2 and the S/2 SE/4 of partial Section 11 plus Lots 2, 3 and 4, the S/2 SW/4 and the SW/4 SE/4 of partial Section 12, Township 28 North, Range 12 West, comprising 337.98 acres.
- (10) Lot 1 and the SE/4 SE/4 of partial Section 12, Township 28 North, Range 12 West, plus all of

partial Section 7, Township 28 North, Range 11 West, comprising 335.02 acres.

- (11) All of partial Section 8 plus Lot 4 and the SW/4 SW/4 of partial Section 9, Township 28 North, Range 11 West, comprising 333.55 acres.
- (12) Lots 1, 2 and 3, the SE/4 SW/4 and the S/2 SE/4 of partial Section 9 plus Lots 3 and 4 and the S/2 SW/4 of partial Section 10, Township 28 North, Range 11 West, comprising 328.45 acres.
- (13) Lots 1 and 2 and the S/2 SE/4 of partial Section 10 plus Lots 2, 3 and 4, the S/2 SW/4 and the SW/4 SE/4 of partial Section 11, Township 28 North, Range 11 West, comprising 323.29 acres.
- (14) Lot 1 and the SE/4 SE/4 of partial Section 11 plus all of partial Section 12, Township 28 North, Range 11 West, comprising 318.14 acres.
- (15) Lots 1, 2 and 3, the SE/4 SW/4 and the S/2 SE/4 of partial Section 8 plus Lots 3 and 4 and the S/2 SW/4 of partial Section 9, Township 28 North, Range 10 West, comprising 319.67 acres.
- (16) Lots 1 and 2 and the S/2 SE/4 of partial Section 9 plus Lots 2, 3 and 4, the S/2 SW/4 and the SW/4 SE/4 of partial Section 10, Township 28 North, Range 10 West, comprising 322.88 acres.
- (17) Lot 1 and the SE/4 SE/4 of partial Section 10 plus all of partial Section 11, Township 28 North, Range 10 West, comprising 327.29 acres.
- (18) All of partial Section 12, Township 28 North, Range 10 West, plus Lots 4 and 5 of partial Section 7, Township 28 North, Range 9 West, comprising 322.94 acres.
- (19) Lots 1, 2 and 3, the SE/4 SW/4 and the S/2 SE/4 of partial Section 7 plus Lots 3 and 4 and the S/2 SW/4 of partial Section 8, Township 28 North, Range 9 West, comprising 345.25 acres.
- (20) Lots 1 and 2 and the S/2 SE/4 of partial Section 8 plus Lots 2, 3 and 4, the S/2 SW/4 and the SW/4 SE/4 of partial Section 9, Township 28 North, Range 9 West, comprising 340.52 acres.
- (21) Lot 1 and the SE/4 SE/4 of partial Section 9 and all of partial Section 10, Township 28 North, Range 9 West, comprising 338.40 acres.

CASE No. 2096
Order No. R-1814

- (22) All of partial Section 11 plus Lot 4 and the SW/4 SW/4 of partial Section 12, Township 28 North, Range 9 West, comprising 334.46 acres.
- (23) Lots 1, 2 and 3, the SE/4 SW/4 and the S/2 SE/4 of partial Section 12, Township 28 North, Range 9 West, plus Lots 4 and 5 and the SE/4 SW/4 of partial Section 7, Township 28 North, Range 8 West, comprising 312.28 acres.
- (24) Lots 1, 2 and 3 and the S/2 SE/4 of partial Section 7 plus Lots 3 and 4 and the S/2 SW/4 of partial Section 8, Township 28 North, Range 8 West, comprising 341.36 acres.
- (25) Lots 1 and 2 and the S/2 SE/4 of partial Section 8 plus Lots 2, 3 and 4 and the S/2 SW/4 of partial Section 9, Township 28 North, Range 8 West, comprising 333.84 acres.
- (26) Lot 1 and the S/2 SE/4 of partial Section 9 plus Lots 2, 3 and 4, the S/2 SW/4 and the SW/4 SE/4 of partial Section 10, Township 28 North, Range 8 West, comprising 335.11 acres.
- (27) Lot 1 and the SE/4 SE/4 of partial Section 10 plus Lots 2, 3 and 4 and the S/2 S/2 of partial Section 11, Township 28 North, Range 8 West, comprising 331.76 acres.
- (28) Lot 1 of partial Section 11 plus all of partial Section 12, Township 28 North, Range 8 West, comprising 327.87 acres.

all in San Juan County, New Mexico.

(II) That each of the above-described non-standard gas proration units shall be assigned an acreage factor for allowable purposes which shall be the ratio of the acreage in that unit to the acreage in a standard gas proration unit in the Basin-Dakota Gas Pool.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

SEAL

A. L. PORTER, Jr., Member & Secretary

esr/

From: Stogner, Michael
Sent: Thursday, April 27, 2000 8:14 AM
To: 'Corley, Mary L'
Cc: 'Bill Hawkins (BP/Amoco)'
Subject: RE: Amoco's Gallegos Canyon Unit . #213

I am assuming that the BLM is the surface owner in this case. Please explain in detail what you mean by, "at the request of the surface owner the #213-E will be P&A'ed". What condition is the #213-E well in that the BLM is having BP/Amoco P&A it? Do the pipeline constraints mentioned still exist?

From: Corley, Mary L[SMTP:corleyml@bp.com]
Sent: Thursday, April 27, 2000 7:01 AM
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Subject: Amoco's Gallegos Canyon Unit . #213

<<File: Amoco.doc>>

In response to your request for supplemental data concerning the status of Gallegos Canyon Unit well # 213E, please note that well # 213E is currently a shut in Dakota well, it was never recompleted into the Basin Fruitland Coal pool due to pipeline restraints. At the request of the surface owner the subject well be plugged and abandoned in the near future.

Please advise if you need additional information.

Thanks,

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> Cc: Eddington, Max K; Papageorge, John
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> Let me know what your review turns up.

> Bill Hawkins

> Regulatory Affairs

> 501 WestLake Park Blvd, MC 2.508

> Houston Texas 77079

> Phone: 281-366-5450

> Fax: 281-366-7143
> Email: hawkinj2@bp.com
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**NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT**

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

April 27, 1999

Amoco Production Company
BP Amoco/Western Gas Business Unit
Attention: Mary Corley
P. O. Box 3092
Houston, Texas 77253-3092

RE: *Administrative application to establish a non-standard 273.87-acre gas spacing and proration unit for the Basin-Fruitland Coal (Gas) Pool comprising all of Irregular Section 8, Township 28 North, Range 12 West, NMPM, San Juan County, New Mexico, for Amoco Production Company's existing Gallegos Canyon Unit Well No. 213 (API No. 30-045-11618), located at an off-pattern unorthodox gas well location 1450 feet from the South line and 2370 feet from the East line (Lot 2/Unit J) of Section 8.*

Dear Ms. Corley:

On January 15, 1997 the Division issued Administrative Order NSL-2001-A to Amoco Production Company (see copy attached) for the Gallegos Canyon Unit Well No. 213-E (API No. 30-045-26305), located at an unorthodox gas well location 930 feet from the South line and 480 feet from the West line (Unit M) of Section 8, to be recompleted up-hole from the Basin-Dakota Pool to the Basin-Fruitland Coal (Gas) Pool within the above-described non-standard unit.

In order for me to complete my review of the immediate application I need to know what the current status of this well is and what Amoco's proposed plans are for this well?

Thank you for your cooperation in this matter.

Sincerely,

Michael E. Stogner
Chief Hearing Officer/Engineer

MES/kv

cc: New Mexico Oil Conservation Division - Aztec
U. S. Bureau of Land Management - Farmington
J. W. Hawkins, Amoco Production Company - hawkinj2@bp.com



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

January 15, 1997

Amoco Production Company
P.O. Box 800
Denver, Colorado 80201
Attention: J. W. Hawkins

Administrative Order NSL-2001-A

Dear Mr. Hawkins:

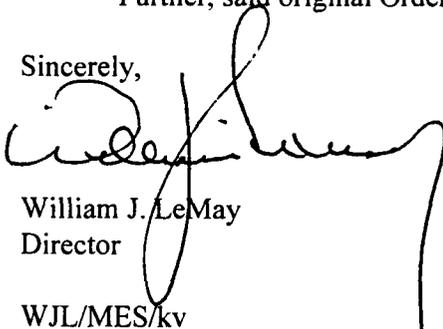
Reference is made to your application dated December 19, 1996 for a non-standard Basin-Fruitland coal gas well location for your existing Gallegos Canyon Unit Well No. 213-E (API No. 30-045-26305), which was drilled in 1985 and completed in the Basin-Dakota Pool at a previously approved unorthodox gas well location (see Division Administrative Order NSL-2001, dated March 15, 1985) 930 feet from the South line and 480 feet from the West line (Unit M) of irregular Section 8, Township 28 North, Range 12 West, NMPM, San Juan County, New Mexico.

It is our understanding that this well is to be recompleted up-hole into the Basin-Fruitland Coal (Gas) Pool, which pursuant to the "*Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool*", as promulgated by Division Order No. R-8768, as amended, is also unorthodox. Further, all of said irregular Section 8 is to be dedicated to the well to form a non-standard 273.87-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rules 6 and 8 of the "*Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool*", as promulgated by Division Order No. R-8768, as amended, the above-described unorthodox coal gas well location for the Gallegos Canyon Unit Well No. 213-E and said 273.87-acre non-standard gas spacing and proration unit in the Basin-Fruitland Coal (Gas) Pool are hereby approved.

Further, said original Order NSL-2001 shall be placed in abeyance until further notice.

Sincerely,



William J. LeMay
Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec
U.S. Bureau of Land Management - Farmington
File: NSL-2001 /



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

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

January 15, 1997

Amoco Production Company
P.O. Box 800
Denver, Colorado 80201
Attention: J. W. Hawkins

Administrative Order NSL-2001-A

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William J. LeMay
Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec
U.S. Bureau of Land Management - Farmington
File: NSL-2001

NSL-2001-A

January 15, 1997

Rec: 12-23-96

Susp: NR

Released: 1-15-97

**Amoco Production Company
P.O. Box 800
Denver, Colorado 80201**

Attention: J. W. Hawkins

Administrative Order NSL-2001-A

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Sincerely,

William J. LeMay
Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec
U.S. Bureau of Land Management - Farmington
File: NSL-2001

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

GALLEGOS CANYON UNIT #2136

ADMINISTRATIVE APPLICATION COVERSHEET

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

Application Acronyms:

- (NSP-Non-Standard Protraction 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)

Amoco
RECEIVED
DEC 23 1996
Oil Conservation Division

[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 - All

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [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

Amoco

[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.

J.W. HAWKINS
Print or Type Name

J.W. Hawkins
Signature

REGULATORY AFFAIRS ENGR.
Title

12/19/96
Date



December 19, 1996

Southern

Rockies

Business

Unit

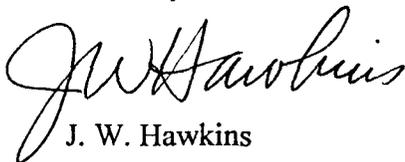
Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P.O. Box 6429
Santa Fe, NM 87505

**Application For Unorthodox Location
Gallegos Canyon Unit #213E Well
930' FSL, 480' FWL, Section 8-T28N-R12W
Basin Fruitland Coal Pool
San Juan County, New Mexico**

Amoco Production Company hereby requests administrative approval for an unorthodox well location for the Gallegos Canyon Unit #213E well in the Basin Fruitland Coal Pool. Amoco plans to plug back this well from the Basin Dakota Pool. Approval for this unorthodox location was originally granted for the Basin Dakota Pool by Administrative Order NSL 2001 issued on March 15, 1985.

Attached is the Form C-102 showing the location of the well, and a nine section plat showing wells drilled in the area. This well is located in the interior of the Gallegos Canyon Unit and Amoco is the only offset operator affected by this application.

Sincerely,


J. W. Hawkins

Attachments

cc: Mark Yamasaki
Nancy Whitaker

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

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 3004526305		2 Pool Code 71629		3 Pool Name Basin Fruitland Coal	
4 Property Code 000570		5 Property Name Gallegos Canyon Unit			6 Well Number 213E
7 OGRID No. 000778		8 Operator Name Amoco Production Company			9 Elevation 5654

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
M	8	28N	12W		930	South	480	West	San Juan

11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 273.87	13 Joint or Infill	14 Consolidation Code	15 Order No.
------------------------------	--------------------	-----------------------	--------------

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

<p>16</p>	<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature: <i>Nancy I. Whitaker</i></p> <p>Printed Name: Nancy I. Whitaker</p> <p>Title: Staff Assistant</p> <p>Date: 12-19-96</p>			
	<p>18 SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey: 2-8-85</p> <p>Signature and Seal of Professional Surveyor:</p> <p>On File</p> <p>Certificate Number: 3950</p>			
	<p>19</p>			
	<p>20</p>			

Sec : 08 Twp : 28N Rng : 12W Section Type : NORMAL

4 28.52 Federal owned U	3 28.55 Federal owned U	2 28.45 Federal owned U A	1 28.35 Federal owned U
M 40.00 Federal owned U A	N 40.00 Federal owned U A	O 40.00 Federal owned U	P 40.00 Federal owned U

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

1
68.52
68.55
137.07
68.45
205.52
68.35
273.87



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

March 15, 1985

TONY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Amoco Production Company
Petroleum Center Building
501 Airport Drive
Farmington, New Mexico 87401

Attention: W. J. Holcomb

Administrative Order NSL-2001

Gentlemen:

Reference is made to your application for a non-standard location for your Gallegos Canyon Unit Well No. 213E to be located 930 feet from the South line and 480 feet from the West line of Section 8, Township 28 North, Range 12 West, NMPM, Basin-Dakota Pool, San Juan County, New Mexico. Lot 1 and the S/2 SE/4 of partial Section 7 plus Lots 2, 3, and 4 and the S/2 S/2 of partial Section 8, Township 28 North, Range 12 West, comprising 354.12 acres shall be dedicated to the well.

By authority granted me under the provisions of Rule 104 F(I), the above-described unorthodox location is hereby approved.

Sincerely,

A handwritten signature in cursive script, appearing to read "R. L. Stamets".

R. L. STAMETS, DIRECTOR

RLS/DC/dr

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs
Bureau of Land Management - Farmington

DATE IN 3/31/00	SUSPENSE 4/20/00	ENGINEER MS	LOGGED KN	TYPE NSL
--------------------	---------------------	----------------	--------------	-------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

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]

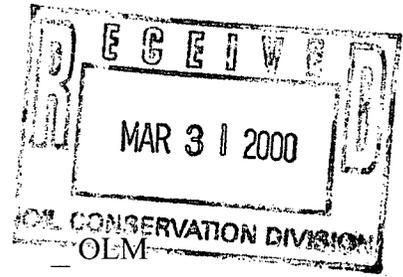
[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

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

Check One Only for [B] and [C]

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

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



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

- [A] Working, Royalty or Overriding Royalty Interest Owners
 [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

*4-19-00
Charlie sign
OK*

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

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

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

Mary Corley *Mary Corley* Sr. Business Analyst 03/29/2000
 Print or Type Name Signature Title Date

BP Amoco



Amoco Production Company

BP Amoco
Western Gas Business Unit
Post Office Box 3092
Houston, TX 77253-3092

March 29, 2000

Ms. Lori Wrotenbery, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P.O. Box 6429
Santa Fe, NM 87505



Application For Non-Standard Location
Gallegos Canyon Unit #213 Well
1450' FSL, 2370' FEL, Unit J, Section 8-T29N-R12W
Basin Fruitland Coal Pool
San Juan County, New Mexico *T28N*

Amoco Production Company hereby requests administrative approval for a non-standard well location for the Gallegos Canyon Unit Com #213 well in the Basin Fruitland Coal Pool. Amoco plans to plug back this well from the Basin Dakota Pool. The well location is non-standard due to the variation in the legal subdivision of the United States Public Lands Survey such that Section 8 does not consist of an entire governmental section. This is noted on Form C-102 showing the location of the well, and nine section plats.

Attached is the Form C-102 showing the location of the well, acreage assigned to the well and notation of the section being a partial section. In addition, also attached is a nine section plat showing wells drilled in the area and the configuration of the section. The subject well is located in the interior of the Gallegos Canyon Unit and Amoco is the only offset operator affected by this application.

Sincerely,

Mary Corley

Attachments

cc: John Papageorge
Well file
Proration file

*cc'd Frank on 4-5-00
M-S*

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

Form C-102
Revised October 18, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-11618	Pool Code 71629	Pool Name Basin Fruitland Coal
Property Code 000570	Property Name Gallegos Canyon Unit	Well Number 213
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5676'

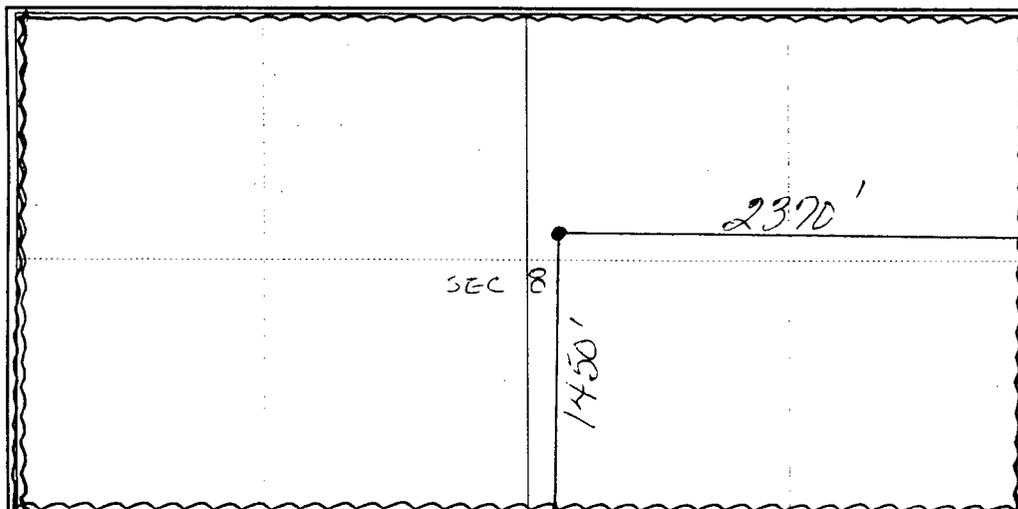
Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT J	8	28N	12W		1450'	SOUTH	2370'	EAST	San Juan

Bottom Hole Location If Different From Surface

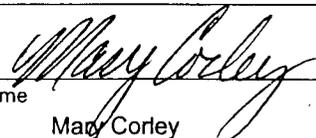
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Dedicated Acreage: 320		Joint or Infill		Consolidation Code		Order No.			

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

Printed Name
Mary Corley

Position
Sr. Regulatory Analyst

Date
02/22/2000

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.

12/24/1965

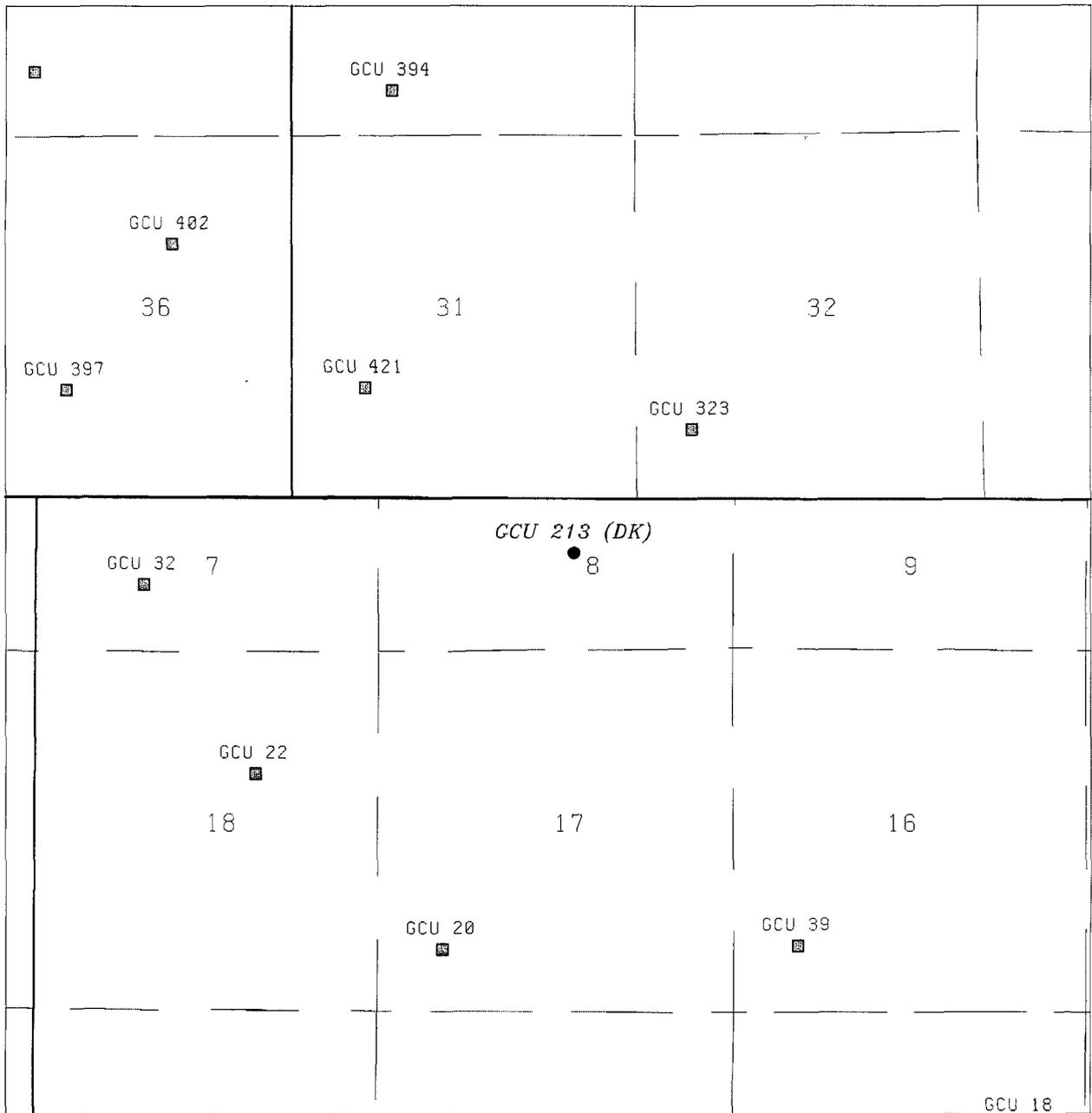
Date of Survey

Signature & Seal of Professional Surveyor

Certificate No.

3602

SEC 8 is FRACTIONAL SECTION



■ *Fruitland Coal*
 ● *Dakota*

AMOCO PRODUCTION COMPANY HOUSTON, TX		
WESTERN GAS BUSINESS UNIT		
FRUITLAND COAL WELLS T28N R12W SEC. 8 [REF. GCU #213 (DAKOTA)]		
SCALE 1"=2500'	DRAWN M. J. RITZ	DATE 23-MAR-2000
DRAWING		

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

04/19/00 13:57:03
OGOMES -TPSY
PAGE NO: 2

Sec : 08 Twp : 28N Rng : 12W Section Type : NORMAL

4 28.52 Federal owned U	3 28.55 Federal owned U	2 28.45 Federal owned U A	1 28.35 Federal owned U
M 40.00 Federal owned U A	N 40.00 Federal owned U A	O 40.00 Federal owned U	P 40.00 Federal owned U

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

CMD : ONGARD 04/19/00 13:57:42
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPSY

API Well No : 30 45 11618 Eff Date : 04-28-1994 WC Status : A
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
OGRID Idn : 778 AMOCO PRODUCTION CO
Prop Idn : 570 GALLEGOS CANYON UNIT

Well No : 213
GL Elevation: 5676

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: 2	8	28N	12W	FTG 1450 F S	FTG 2370 F E	P

Lot Identifier:

Dedicated Acre: 354.12

Lease Type : F

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

04/19/00 13:56:59
OGOMES -TPSY
PAGE NO: 1

Sec : 08 Twp : 28N Rng : 12W Section Type : NORMAL

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



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

March 15, 1985

TONY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Amoco Production Company
Petroleum Center Building
501 Airport Drive
Farmington, New Mexico 87401

Attention: W. J. Holcomb

Administrative Order NSL-2001

Gentlemen:

Reference is made to your application for a non-standard location for your Gallegos Canyon Unit Well No. 213E to be located 930 feet from the South line and 480 feet from the West line of Section 8, Township 28 North, Range 12 West, NMPM, Basin-Dakota Pool, San Juan County, New Mexico. Lot 1 and the S/2 SE/4 of partial Section 7 plus Lots 2, 3, and 4 and the S/2 S/2 of partial Section 8, Township 28 North, Range 12 West, comprising 354.12 acres shall be dedicated to the well.

By authority granted me under the provisions of Rule 104 F(I), the above-described unorthodox location is hereby approved.

Sincerely,

R. L. STAMETS, DIRECTOR

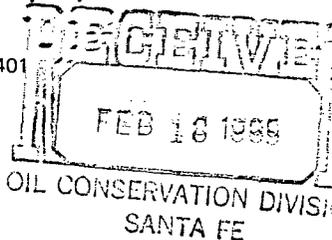
RLS/DC/dr

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs
Bureau of Land Management - Farmington



Amoco Production Company

Petroleum Center Building
501 Airport Drive
Farmington, New Mexico 87401
505-325-8841



W. J. Holcomb
District Manager

February 13, 1985

Mr. Gilbert Quintana
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

File: DDL-197-400.1

Application for Unorthodox Location
Gallegos Canyon Unit No. 213E
Basin Dakota Field
San Juan County, New Mexico

*NSL - 2001
RULE - 104 F(2)
Dedicated Acreage - See below*

Amoco Production Company hereby requests approval of an unorthodox well location for the Gallegos Canyon Unit No. 213E. The proposed location is 930' FSL x 480' FWL of Section 8, T28N, R12W, San Juan County, New Mexico.

This well was staked in the unorthodox location indicated above in order to satisfy the surface owner.

A copy of this application is being sent by certified mail to the offset lease holder Sun Oil, with the request that they furnish you a waiver of objection and return one copy of the same to me.

Sincerely,

KRJ/ct

Attachments

cc: Mr. Ernie Bush
New Mexico Oil Conservation Division
1000 Rio Pecos Road

- (6) Lot 1 and the S/2 SE/4 of partial Section 7 plus Lots 2, 3 and 4 and the S/2 S/2 of partial Section 8, Township 28 North, Range 12 West, comprising 354.12 acres.

application for an unorthodox location as proposed above.

By: _____ Date: _____

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2048
SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-71

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

Operator AMOCO PRODUCTION COMPANY		Lease GALLEGOS CANYON UNIT			Well No. 213E
Unit Letter M	Section 8	Township 28N	Range 12W	County San Juan	
Actual Footage Location of Well: 930 feet from the South line and 480 feet from the West line					
Ground Level Elev: 5641	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 354.12 Acres	

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

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

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

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

CERTIFICATION

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

Name
B.D. Shaw

Position
Administrative Supervisor

Company
2/8/85

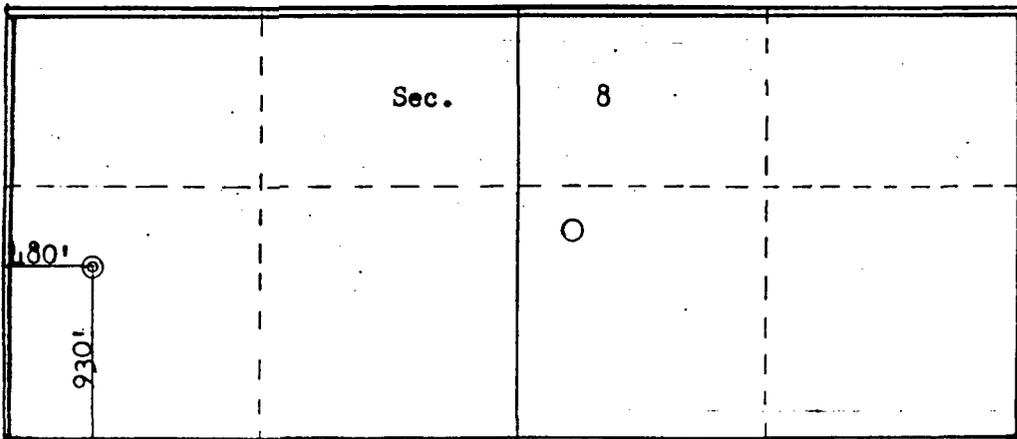
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 8, 1984

Registered Professional Engineer and Land Surveyor
Fred B. Kerr Jr.
Fred B. Kerr Jr.

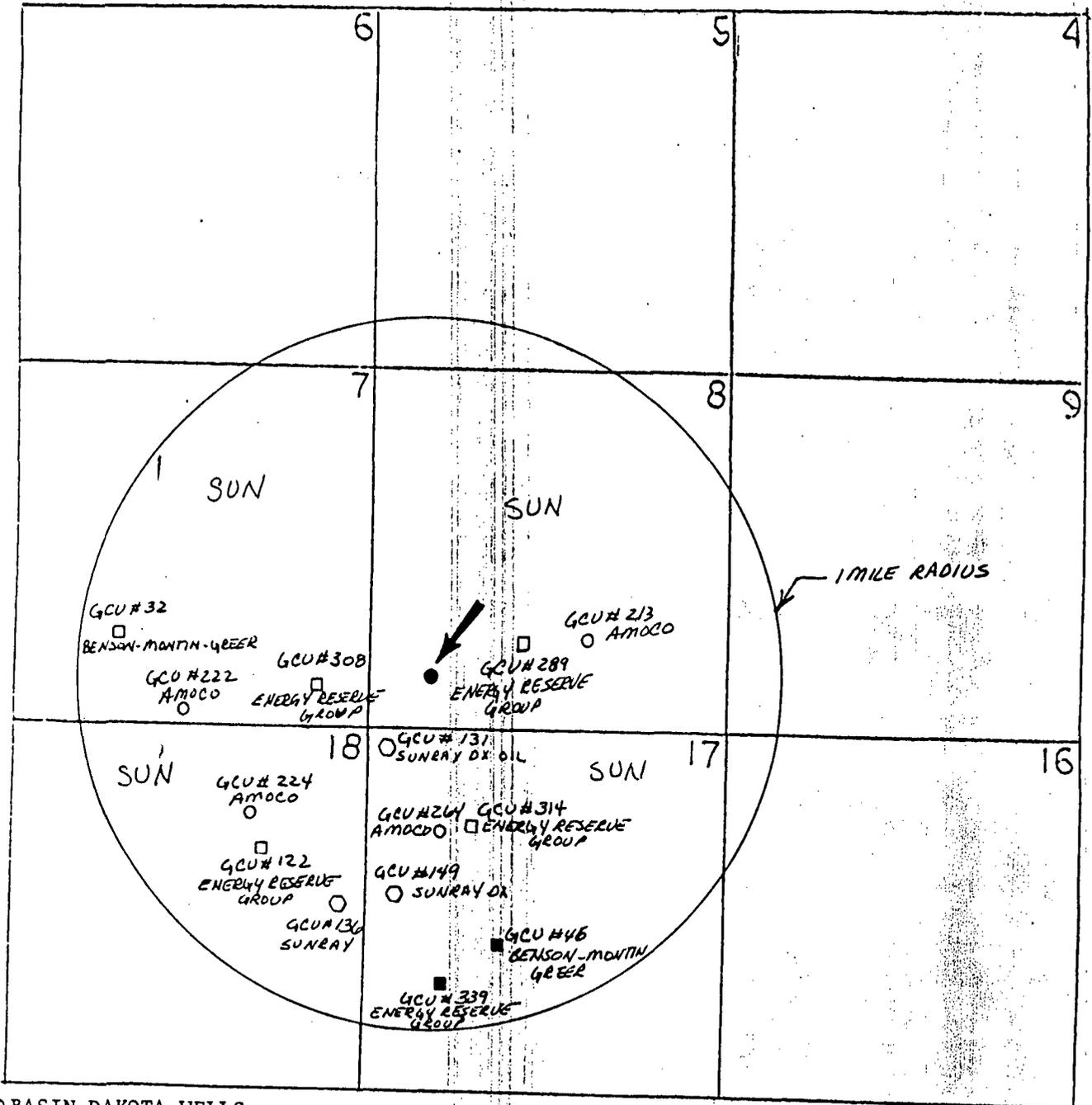
Certificate No. **3950**



Scale: 1"=1000'

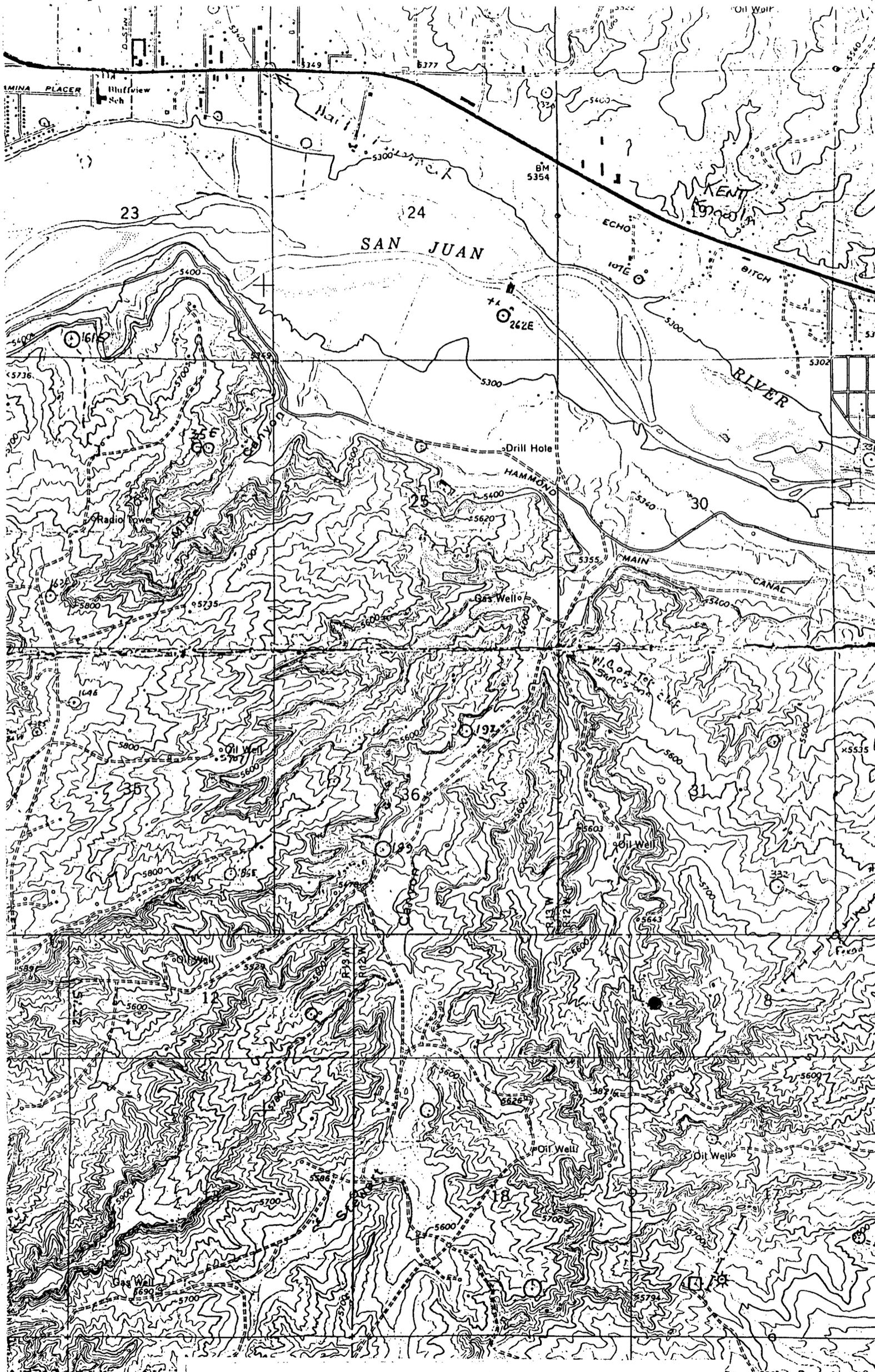
GALLEGOS CANYON UNIT #213E

R12W



T
28
N

- BASIN DAKOTA WELLS
- KUTZ PICTURED CLIFF WELLS
- TOTAH GALLUP WELLS
- DRILLED AND ABANDONED WELLS
- PROPOSED WELL



Vicinity Map for
 AMOCO PRODUCTION CO. #213E GALLEGOS CANYON UNIT
 930'FSL 480'FWL Sec. 8-T28N-R12W
 SAN JUAN COUNTY, NEW MEXICO

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

SF - 078109

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
**Gaffegos Canyon Unit
213**

9. API Well No.

30-045-11618

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well

OIL WELL GAS WELL OTHER

2. Name of Operator

Amoco Production Company

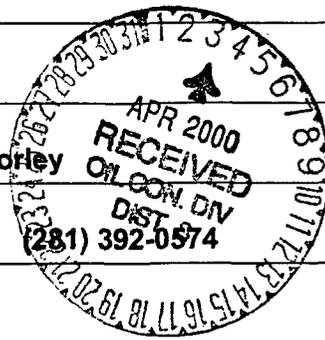
Mary Corley

3. Address and Telephone No.

P.O. Box 3092 Houston, TX 77253

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

1450' FSL 2370' FEL Sec. 8 T28N R12W Unit J.



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

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

(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 request permission to recomplete the subject well as follows:

1. Check anchors. MIRUSU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. TOH with tubing.
6. PXA Dakota. Set CIBP within 50' of top Dakota perf. Spot 150' cmt plug on top of CIBP.
7. Log Fruitland Coal interval with CBL/GR/CCL to insure zonal isolation across FC.
8. Set CIBP approximately 150' below bottom of proposed perforations. This plug is intended to be temporary and will be drilled out prior to permanent wellbore abandonment operations.
9. Perforate the following interval with 4JSPF, 120 deg. phasing: FRLD 1511-20', 1522-28', 1532-38'.
10. Fracture stimulate down casing according to schedule 'A'.
11. CO to PBTD.
12. TIH with 2 3/8" tbg, rods, and pump. Land 1 joint below perfs if possible.
13. RDMO. Hook up to pumping unit and well head compressor.

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

Signed

Mary Corley

Title **Sr. Regulatory Analyst**

Date **03/22/00**

(This space for Federal or State office use)

Approved by

/s/ Charlie Beecham

Title

Date

MAR 31 2000

Conditions of approval, if any:

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 18, 1994

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

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, Santa Fe, NM 87505

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

2003 MAR 23 AM 10:40

070 FARMINGTON, NM

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-11618	Pool Code 71629	Pool Name Basin Fruitland Coal
Property Code 000570	Property Name Gallegos Canyon Unit	Well Number 213
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5676'

Surface Location

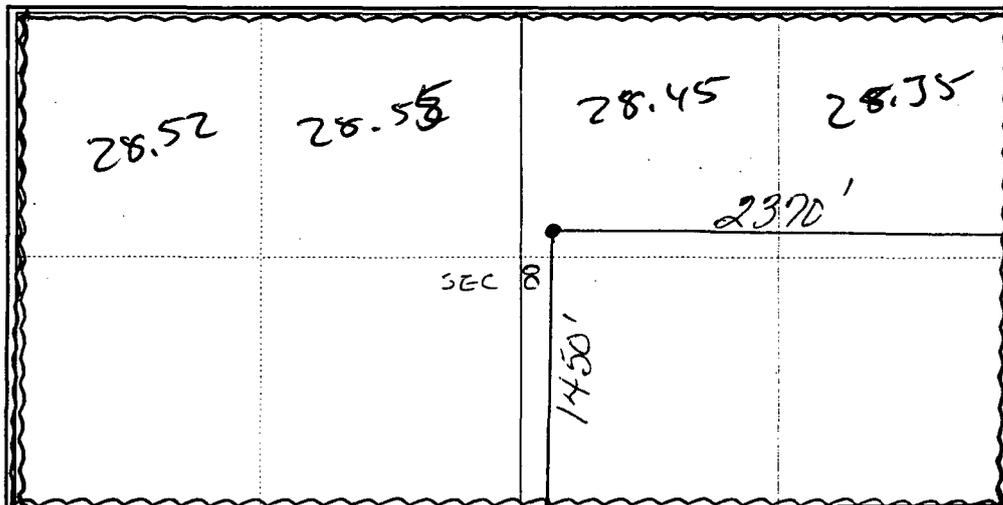
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT J	8	28N	12W		1450'	SOUTH	2370'	EAST	San Juan

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: 320 277.85	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: *Mary Corley*

Printed Name: Mary Corley

Position: Sr. Regulatory Analyst

Date: 02/22/2000

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.

Date of Survey: 12/24/1965

Signature & Seal of Professional Surveyor: [Blank]

Certificate No.: 3602

SEC 8 is FRACTIONAL SECTION

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

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

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

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

State of New Mexico
Energy, Minerals & Natural Resources
Department

98566601
Form C-104
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

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

OIL CONSERVATION DIVISION
RECEIVED
SEP 24 11 08 52 AM '95
AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address AMOCO PRODUCTION COMPANY 200 AMOCO COURT FARMINGTON, NM 87401		² OGRID Number 000778
		³ Reason for Filing Code CO
⁴ API Number 300451161800	⁵ Pool Name BASIN-DAKOTA-GAS	⁶ Pool Code 071599
⁷ Property Code 000570	⁸ Property Name GALLEGOS CANYON UNIT /DAKOTA/	⁹ Well Number 213

II. ¹⁰Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
J	0008	028	012		1450	S	2370	E	SAN JUAN

¹¹Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code F	¹³ Producing Method Code		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
9018	GIANT REFINING BOX 12999 SCOTTSDALE AZ 85267	0178310	O	
7057	EPNG P.O. BOX 4990 FARMINGTON NM 87499	0178330	G	

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations
³⁰ Hole Size	³¹ Casing & Tubing Size	³² Depth Set	³³ Sacks Cement	

VI. Well Test Data

³⁴ Date New Oil	³⁵ Gas Delivery Date	³⁶ Test Date	³⁷ Test Length	³⁸ Tbg. Pressure	³⁹ Csg. Pressure
⁴⁰ Choke Size	⁴¹ Oil	⁴² Water	⁴³ Gas	⁴⁴ AOF	⁴⁵ Test Method

⁴⁶I 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: *J. P. Shaheen*

Printed Name: J. P. SHAHEEN

Title: SENIOR BUSINESS ANALYST

Date: 9/27/95

Phone: (505) 326-9413

OIL CONSERVATION DIVISION

Approved by:

J.P.S.

Title: SUPERVISOR DISTRICT #3

Approval Date:

SEP 27 1995

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

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

I.

Operator <u>Amoco Production Co</u>	Well API No.
Address <u>2325 E. 30th Street, Farmington NM 87406</u>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Effective <u>4-1-89</u>
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>
Change in Operator <input type="checkbox"/>	

If change of operator give name and address of previous operator _____

RECEIVED
APR 24 1989
OIL CONSERVATION DIV.
SANTA FE

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Gallegos Canyon Unit</u>	Well No. <u>213</u>	Pool Name, Including Formation <u>Basin Dakota</u>	Kind of Lease State, Federal or Fee	Lease No. <u>92000844</u>
Location Unit Letter <u>J</u> : <u>1450</u> Feet From The <u>S</u> Line and <u>2120</u> Feet From The <u>E</u> Line Section <u>8</u> Township <u>28 N</u> Range <u>12 W</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> <u>Meridian Oil Inc.</u>	Address (Give address to which approved copy of this form is to be sent) <u>P.O. Box 4289, Farmington NM 87499</u>			
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <u>El Paso Natural Gas Co</u>	Address (Give address to which approved copy of this form is to be sent) <u>Caller Service 4990, Farmington NM 87499</u>			
If well produces oil or liquids, give location of tanks.	Unit <u>J</u>	Sec. <u>8</u>	Twp. <u>28 N</u>	Rge. <u>12 W</u>
	Is gas actually connected?		When?	

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	<input type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> New Well	<input type="checkbox"/> Workover	<input type="checkbox"/> Deepen	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Same Res'v	<input type="checkbox"/> 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	Choke Size
Actual Prod. During Test	Oil - bbls.	Water - lbs. <u>APR 17 1989</u>	Gas - MCF

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OIL CON. DIV.
DIST. 3

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

B.D. Shaw
Signature
B.D. Shaw
Printed Name
APR 17 1989
Date
(505) 325-8841
Telephone No.
Adm. Supv
Title

OIL CONSERVATION DIVISION

Date Approved APR 17 1989

By B.D. Shaw

SUPERVISION DISTRICT # 3

Title _____

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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

3. LEASE DESIGNATION AND SERIAL NO.

SF-078109

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

213

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

NW/NE Sec 8, T28N, R12W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or to plug a well. Use "APPLICATION FOR PERMIT..." for such proposals.)

RECEIVED

SEP 27 1985

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Amoco Production Co.

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N M 87401

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

1450' FSL x 2370' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether OP, RT, GR, etc.)

5676' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(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.)

Moved in and rigged up service unit on 8-15-85. Total depth of the well is 6244' and plugback depth is 6213'. Cleaned out 10' of sand fill to 6213'. Pressure tested casing to 1000 psi. Landed 2" x 1 1/2" x 16' pump and rods. Released the rig on 8-20-85.

RECEIVED

OCT 08 1985

OIL CON. DIV.
DIST. 3

I hereby certify that the foregoing is true and correct

SIGNED *[Signature]*

TITLE District Adm. Supervisor

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA

BY *[Signature]*

*See Instructions on Reverse Side

NMOCC

**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

5. LEASE DESIGNATION AND SERIAL NO.

SF-078109

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

213

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA

NW/NE Sec 8, T28N, R12E

12. COUNTY OR PARISH 13. STATE

San Juan

NM

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.)

RECEIVED

JUL 18 1985

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Amoco Production Co.

BUREAU OF LAND MANAGEMENT
 FARMINGTON RESOURCE AREA

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N M 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
 See also space 17 below.)
 At surface

1450' FSL x 2370' FEL

2120

JUL 30 1985

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, GR, etc.)

5676' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

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

17. BASIS OF DESIGN OR COMPLETION 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 Co. requests permission to repair the above referenced well according to the attached procedure.

RECEIVED

JUL 25 1985

OIL CON. DIV.
 DIST. 3

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

SIGNED

D. D. Larson

TITLE Adm. Supervisor

DATE

7-16-85

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ds

APPROVED

DATE **JUL 22 1985**

John S. Kelly
 For AREA MANAGER
 FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

NMOCC

FARMINGTON DISTRICT WORKOVER

DATE: 7/8/85

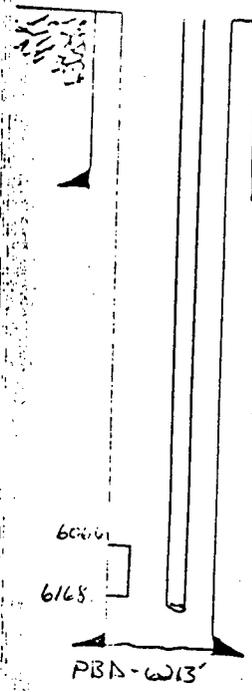
OPERATIONS TO BE PERFORMED: (CIRCLE ONE) RECOMPLETION REPAIR SERVICE
 LEASE AND WELL GCU # 213 FIELD Basin Dakota
 FORMATION Dakota LOGS Induction Log
 LOCATION: SE 1/4, Sec 8, T28N, R12W San Juan County, NM
 COMP. DATE 3/66 EL: 5688' KB TO: 6244' PBD: 6213'
 CSG: 4-1/2" 10.5 # @ 6244' : 8-5/8" 24.0 # @ 358'
 COMP. INT. 6066-6168 ORIG. STIM. 81,640 gal x 80,000'
 IP 3849 mCFD CURRENT PROD. INT. Same
 PURPOSE: Repair Casing Leak

D/S PERMITTING DESK ENGR ONE FRED JT
REG 8 MCH 50M
OH5 RGH TWE
BVD
GHK

Note: Work well hot! Formation is sensitive to water.

WELLBORE SKETCH

PROCEDURE



1. MIRUSU.
2. TOH with rods and pump. PU 2-3/8" tbg and tag fill. TOH with 2-3/8" tbg.
3. TIH with BP, packer and 2-3/8" tbg. Set BP at 6000'. Load hole with 2% KCl. Set packer at 5950'. Pressure test BP and tubing to 1000 psi. Pressure test backside to 1000 psi. If casing will not hold pressure, locate hole with packer. Hole will probably be at 3100-4300'. Squeeze with 50 sx Class B.
4. Drill out cement and pressure test squeeze to 1000 psi. Retrieve BP at 6000'. TIH with tbg. TIH with pump and rods. Land tbg, pump, and rods where they were landed before.

DISTRICT MANAGER W. H. ...
 DISTRICT ENGINEER JPB 01285
 DISTRICT FOREMAN _____
 ENGINEER Morris Bell ext 244 (598-4751)
 DATE _____
 ENGSPE _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse 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.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Amoco Production Co.

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with app. State requirements. See also space 17 below.)
At surface
1450' FSL x 2370' FEL

5. ELEVATIONS (Show whether of surface or resource area)
5676' GR

6. LEASE DESIGNATION AND SERIAL NO.
SF-078109

7. UNIT AGREEMENT NAME
Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.
213

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
NW/NE Sec 8, T28N, R12

12. COUNTY OR PARISH
San Juan

13. STATE
NM

RECEIVED
MAY - 7 1985
OIL CONSERVATION DIVISION
SANTA FE
APR 24 1985
BUREAU OF LAND MANAGEMENT
RESOURCE AREA

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Repair <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>			

(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.)*

Moved in and rigged up service unit on 3/21/85. Total depth of the well is 6244' and plugback depth is 6213'. Cleaned out hole to plugback depth with nitrogen. Had 61 feet of sand fill. Landed 2-3/8" tubing at 6156' and released the rig on 3/25/85.

RECEIVED
APR 26 1985
OIL CON. DIV.
DIST. 3

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

SIGNED BD Shaw TITLE Adm. Supervisor DATE 4/22/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD
APR 23 1985
FARMINGTON RESOURCE AREA
BY [Signature]

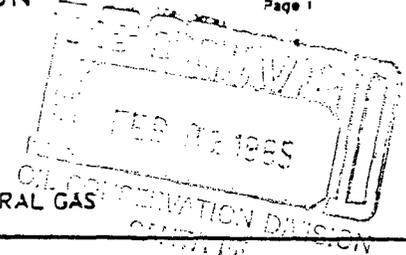
*See Instructions on Reverse Side
NMOCC

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

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TRANSPORTER	OIL
	GAS
OPERATOR	
PROMOTION OFFICE	

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



REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator
Amoco Production Company

Address
501 Airport Drive Farmington, NM 87401

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

New Well Change in Transporter of: Oil Dry Gas

Recompletion Castinhead Gas Condensate

Change in Ownership

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Gallegos Canyon Unit	Well No. 213	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Federal	Lease No. 92000844
Location Unit Letter <u>J</u> : <u>1450</u> Feet From The <u>South</u> Line and <u>2370</u> Feet From The <u>East</u>				
Line of Section <u>8</u> Township <u>28N</u> Range <u>12W</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Permian Corp.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1702 Farmington, NM 87499
Name of Authorized Transporter of Castinhead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 990 Farmington, NM 87401
If well produces oil or liquids, give location of tanks. Unit <u>J</u> Sec. <u>8</u> Twp. <u>28N</u> Rge. <u>12W</u>	Is gas actually connected? _____ When _____

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

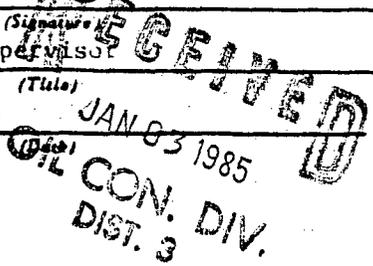
NOTE: Complete Parts IV and V on reverse side if necessary.

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.

BDS
Admin. Supervisor

1-2-85



OIL CONSERVATION DIVISION

APPROVED _____ JAN 3 1985

BY *Frank J. Carey*

TITLE _____ SUPERVISOR DISTRICT 3

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

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

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only 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 multiply completed wells.

NO. OF COPIES RECEIVED	3
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FILE	
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LAND OFFICE	
TRANSPORTER	OIL /
	GAS /
OPERATOR	
PRORATION OFFICE	

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

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

Eff. 2-1-71,
Pan American Petro. Corp.
has changed its name to
AMOCO PROD. CO.

I. Operator
PAN AMERICAN PETROLEUM CORPORATION
Address
Security Life Building - Denver, Colorado 80202

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

Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Lease No.	Well No.	Pool Name, Including Formation	Kind of Lease
Gallegos Canyon Unit		213	Basin Dakota	State, Federal or Fee Federal
Location				
Unit Letter J	1450	Feet From The South	Line and 2370	Feet From The East
Line of Section 8	Township 28N	Range 12W	, NMPM, San Juan 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)					
Plateau Inc.	Box 108, Farmington, New Mexico					
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)					
El Paso Natural Gas Co.	Box 990, Farmington, New Mexico					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
		8	28N	12W	No	

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

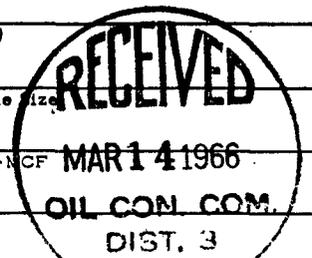
IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded	Date Compl. Ready to Prod.	Total Depth		P.B.T.D.				
1/29/66	2/23/66	6244		6213				
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay		Tubing Depth				
5688 RDB, 5676 GR	Dakota	6066		6098				
Perforations	6066-6078, 6138-6148, 6158-6168				Depth Casing Shoe			
				6244				
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12 1/4"	8 5/8"		358		200 sacks			
7 7/8"	4 1/2"		6244		1500 sacks			
	2 3/8"		6098					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

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

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



GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
3261	3 hrs		
Testing Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size
Back Pressure	264	875	3/4"

VI. CERTIFICATE OF COMPLIANCE

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

D. I. Tollefson
(Signature)
Administrative Assistant
(Title)
March 8, 1966
(Date)

OIL CONSERVATION COMMISSION
APPROVED **MAR 14 1966**, 19____
BY
TITLE **Supervisor Dist. #3**

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only 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 multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions 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"/>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5688 RDB, 5676 GR		19. ELEV. CASINGHEAD -	
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. RESVR. <input type="checkbox"/> Other <input type="checkbox"/>		22. IF MULTIPLE COMPL., HOW MANY* 0		23. INTERVALS DRILLED BY Surface - 6244	
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION		14. PERMIT NO. 50202		13. STATE New Mexico	
3. ADDRESS OF OPERATOR Security Life Building - Denver, Colorado		DATE ISSUED MAR 14 1966		13. STATE New Mexico	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1450 FSL. 2370 FEL Sec 8 NW NE At top prod. interval reported below: At total depth				10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUDDED 1/29/66				16. DATE T.D. REACHED 2/6/66	
17. DATE COMPL. (Ready to prod.) 2/23/66				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5688 RDB, 5676 GR	
20. TOTAL DEPTH, MD & TVD 6244		21. PLUG, BACK T.D., MD & TVD 6213		23. INTERVALS DRILLED BY Surface - 6244	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6066-6078, 6138-6148, 6158-6168 Dakota				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IES, GRS				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	358	12 1/4"	200 sacks	None
4 1/2"	10.5#	6244	7 7/8"	500 sacks - 1st stage	None
				1000 sacks - 2nd stage	
				stage tool at 4361	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
					2 3/8"
					6098
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
6066-72, 6138-48, 6158-68 with 4 shots/ft.			DEPTH INTERVAL (MD)		
			6138-6168		
			6066-6078		
			AMOUNT AND KIND OF MATERIAL USED		
			500 gal 7 1/2% acid		
			5000 gal sand		
			30,000 sand		
33. PRODUCTION					
DATE FIRST PRODUCTION 2/23/66		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) shut-in	
DATE OF TEST 3/2/66	HOURS TESTED 3	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD	OIL—BBL. 408	GAS—MCF. 408
FLOW. TUBING PRESS. 264	CASING PRESSURE 875	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF. 3261	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold to El Paso Natural Gas Co.				TEST WITNESSED BY	
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED D. I. Tollefson		TITLE Administrative Assistant		DATE March 8, 1966	

RECEIVED
MAR 14 1966

RECEIVED
MAR 15 1966
OIL CON. COM.
DIST. 3

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

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 52, below, regarding separate reports for separate completions.

If not filed prior to the time that summary record is submitted, copies of all currently available logs (formation, 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 2: 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 15: 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.

Item 22: 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 22. Submit a separate report (pages) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 23: "Stage 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.)

CGU #213

37. SUMMARY OF POROUS ZONES:
 SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF, CORED INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTER, CUSHION USH, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECORDS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38.	GEOLOGIC MARKERS	MEAS. DEPTH	LOG TOPS	MEAS. DEPTH	LOG TOPS
No DST's taken	on this well								
Supplementary well history									
Drilled to 358.	cemented 8	5/8" 24# casing at 358 with 200 sacks type "A" with					Log tops		
2% cacl. Drilled to TD 6244.	Set 4 1/2" 10.5# casing at 6244 with stage tool at						Pictured Cliffs	1530	
4361. Cemented with 400 sacks type "C" with 6% gel and 2 lbs tuf plug per sack							Lewis Shale	1822	
followed by 100 sacks "C" neat. Cemented second stage with 1000 sacks type "C" with							Mesaverde	3290	
6% gel and 2 lbs tuf plug per sack. Temperature survey indicated cement top at 800'.							Mancos	4250	
Displaced casing with water containing .8% KCL with 2 1/2 lbs FR-8 per 1000 gal.							Gallup	5188	
spotted 500 gal 7 1/2% acid. Perforated 6158-68 and 6138-48 with 4 shots/ft.							Base Gallup	5600	
Fraced with 49030 gal water treated as above with 40,000 lbs 20-40 sand and 10,000							Greenhorn	5700	
10-20 sand. Breakdown pressure 1900. Treating pressure 2900 at 71 Blis/min. In-							Graneros Shale	6000	
jected 50 ball sealers in two batches of 25 each with no action on first 25 and							Graneros Dakota	6000	
250 PSI increase on last 25. Set bridge plug at 6110. Perforated 6066-78 with							Main Dakota	6152	
4 shots/ft. Fraced with 32,610 gal water treated as above with 20,000 lbs 20-40									
sand and 10,000 lbs 10-20 sand. Breakdown pressure 3100. Treating pressure 3500									
at 50 Blis/min. Drilled out and cleaned out to PBD 6213. on 3/2/66 well flowed at the									
rate of 3261 MCF/day through a 3/4" choke. TYP 264. CPF 875.									

TABULATION OF DEVIATION TESTS

MAIN OFFICE 000

PAN AMERICAN PETROLEUM CORPORATION

Gallegos Canyon Unit Well #213

DATE	TIME	DEPTH	DEVIATION
		358	1/2 ^o
		869	3/4 ^o
		1367	1 ^o
		1744	3/4 ^o
		2625	1 ^o
		3065	1 ^o
		3409	1 1/4 ^o
		4036	1 ^o
		4536	3/4 ^o
		5007	1/2 ^o
		5347	1 1/2 ^o
		5808	1 ^o

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation test taken on PAN AMERICAN PETROLEUM CORPORATION'S Gallegos Canyon Unit Well #213 1450 FSL, 2370 FEL Sec 8, T 28N, R12W, San Juan County, New Mexico

Signed *D. I. Tollefson*
 Title Administrative Assistant

THE STATE OF COLORADO)
) SS.
 COUNTY OF DENVER)

BEFORE ME, the undersigned authority, on this day personally appeared D. I. Tollefson known to me to be Administrative Assistant for Pan American Petroleum Corporation and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this eighth day of March, 1966.

Maryland J. Kraft
 Notary Public

My Commission Expires: June 7, 1969



MAIN OFFICE OCC

'66 MAY 26 PM 1 11

OIL CONSERVATION COMMISSION

BOX 697

120 EAST CHACO

AZTEC, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE May 24, 1966

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

THE Pan American Petroleum Corporation
OPERATOR

Gallegos Canyon Unit #213 "J" 8-28-12
LEASE WELL UNIT S-T-R

Basin Dakota El Paso Natural Gas Company
POOL NAME OF PURCHASER

WAS MADE ON May 13, 1966 , FIRST DELIVERY May 17, 1966
DATE DATE

Choke 3,261
ACF 3,849
INITIAL POTENTIAL

El Paso Natural Gas Company
PURCHASER

Original Signed By W. M. Rodgers

REPRESENTATIVE

Chief Dispatcher
TITLE

CC: TO OPERATOR Denver and Farmington
OIL CONSERVATION COMMISSION - SANTA FE
F. N. WOODRUFF - EL PASO
B. D. ADAMS.

FILE

5-26-66-19

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Corrected Copy

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

JAN 17 1966

5. LEASE DESIGNATION AND SERIAL NO. **SF 078109**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO. **213**

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLK.
NW/4 NE/4 Section 8, T-28-N, R-12-W

12. COUNTY OR PARISH **San Juan** 13. STATE **New Mexico**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 miles southeast of Farmington, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
800'

16. NO. OF ACRES IN LEASE
43,146.62

17. NO. OF ACRES ASSIGNED TO THIS WELL
354.12

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
None

19. PROPOSED DEPTH
6400'

20. ROTARY OR CABLE TOOLS
Rotary

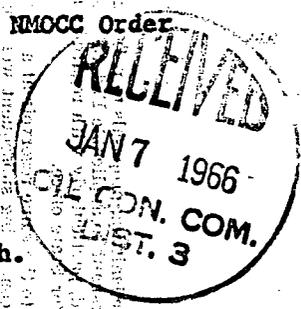
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
To be reported later

22. APPROX. DATE WORK WILL START*
January 4, 1966

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	350'	200 sacks
7-7/8"	4-1/2"	10.5#	6400'	1500 sacks (Two stage tool set 100' below base of Mesaverde)

Completion will be determined upon reaching total depth.
Copies of location plat are attached. (Non-Standard Unit - Approved by NMOCC Order No. R-1814 (November 4, 1960)
Copies of any logs run will be furnished upon completion of well.



Verbally approved December 29, 1965, R. B. Krahl to F. H. Hollingsworth.

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 G. W. Eaton, Jr. TITLE Area Engineer DATE December 29, 1965

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY :

*See Instructions On Reverse Side.

Corrected Copy

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-123
Effective 1-1-65

All distances must be from the outer boundaries of the Section

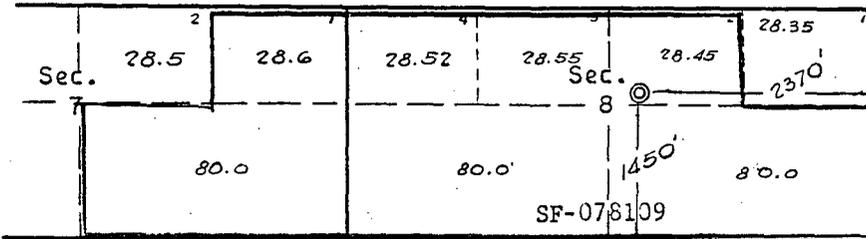
Operator Pan American Petroleum Corporation		Lease MAIN OFFICE OCC		Well No. 213	
Unit Letter J		Section 8		Township 28 North	
Range JAN 2 West		County San Juan		Date 1 22 AM	
Actual Footage Location of Well: 1450 feet from the South line and 2370 feet from the East line					
Ground Level Elev. Report Later		Producing Formation Dakota		Pool Basin Dakota	
				Dedicated Acreage: 354.12 Acres	

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

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

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

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



Fractional sections: All of sec. 8 and E $\frac{1}{2}$ of sec. 7, T-28-N, R-12-W

SCALE, 3 inches = 1 mile

*H of R-1814
I (6)*



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

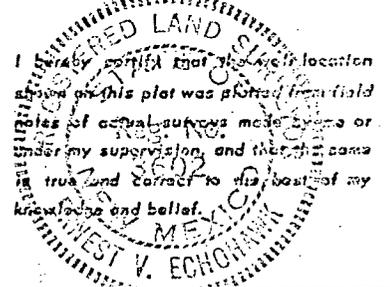
Area Engineer

Company

PAN AMERICAN PETROLEUM CORP.

Date

January 3, 1966



Date Surveyed

December 24, 1965

Registered Professional Engineer and/or Land Surveyor

G. V. Echohawk

Certificate No. 3602

Petroleum Information Corporation
GEO-FICHE™

28N-12W-08-10 (NW SE)
NEW MEXICO NM

WELL: GALLEGOS CANYON U 213
OPER: PAN AMERICAN
CNTY: SAN JUAN

API: 30-045-11618
ISSUE: A07/86
CARD: 1



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

RECEIVED
BLM

99 MAY 24 PM 12:57

070 FARMINGTON, NM

RECEIVED
MAY 29 1999

1. Type of Well

- Oil Well Gas Well Other

2. Name of Operator

AMOCO PRODUCTION COMPANY **OIL CON. DIV. DIST. 3** Attention: Mary Corley

3. Address and Telephone No.

P.O. BOX 3092 HOUSTON, TX 77253 281-366-4491

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

930' FSL 480' FWL Sec. 8 T 28N R 12W UNIT M

5. Lease Designation and Serial No.

NMSF-078109

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

GALLEGOS CANYON UNIT 213E

9. API Well No.

30-045-26305

10. Field and Pool, or Exploratory Area

BASIN FRUITLAND COAL

11. County or Parish, State

San Juan New Mexico

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

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

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

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

AMOCO PRODUCTION COMPANY REQUESTS PERMISSION TO RECOMPLETE THIS WELL FROM THE BASIN DAKOTA TO THE BASIN FRUITLAND COAL GAS AS PER THE ATTACHED PROCEDURE.

FOR TECHNICAL INFORMATION PLEASE CALL JOHN PAPAGEORGE @ 281-366-5721. FOR ADMINISTRATIVE ASSISTANCE PLEASE CONTACT MARY CORLEY @ 281-366-4491.

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

Signed

Mary Corley

Title

SR. BUSINESS ANALYST

Date

05-21-1999

(This space for Federal or State office use)

/s/ Duane W. Spencer

Team Lead, Petroleum Management

Approved by

Title

Date

MAY 26 1999

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

AMOCO

EC

GCU Well Work Procedure

GCU 213E

Date: 5/4/99

Objective:

Recomplete from Dakota to Fruitland Coal

Pertinent Information:

Location:	SW8-28N-12W	Horizon:	Dak to FC
County:	San Juan	API #:	30-045-26305
State:	New Mexico	Engr:	John Papageorge
Lease:		Phone:	W (281)366-5721
Well Flac:	84650901		H (713)464-5053

1. Check anchors. MIRUSU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. TOH with tubing.
6. PXA Dakota. Set CIPB within 50' of top Dakota perf. Spot 150' cmt plug on top of CIBP.
7. Log Fruitland Coal interval with CBL/GR/CCL to insure zonal isolation across FC.
8. Perforate the following interval with 4JSPF, 120 deg. phasing: FRLD 1444-1459. Basal stringer at 1466-1470 on top of PC sand will not be perforated to ensure effective frac in FRLD.
9. Fracture stimulate down casing according to schedule 'A'.
10. CO to PBTD.
11. TIH with 2 3/8" tbg, rods, and pump. Land 1 joint below perms if possible.
12. RDMO. Hook up to pumping unit and well head compressor.

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 18, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

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, Santa Fe, NM 87505

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87505

RECEIVED
BLM

99 MAY 24 PM 12:57

WELL LOCATION AND ACREAGE DEDICATION PLAT

070 FARMINGTON, NM

API Number 30-045-26305	Pool Code 71629	Pool Name BASIN FRUITLAND COAL
Property Code 000570	Property Name GALLEGOS CANYON UNIT	Well Number 213E
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5654'

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 M	8	28N	12W		930	SOUTH	480	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				
<table border="1"> <tr> <td>Dedicated Acreage: 273.87</td> <td>Joint or Infill</td> <td>Consolidation Code</td> <td>Order No.</td> </tr> </table>										Dedicated Acreage: 273.87	Joint or Infill	Consolidation Code	Order No.
Dedicated Acreage: 273.87	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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p>Signature: <i>Mary Corley</i></p> <p>Printed Name: MARY CORLEY</p> <p>Position: SR. BUSINESS ANALYST</p> <p>Date: 05/21/1999</p>
	<p>SURVEY CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date of Survey: 02/08/1985</p> <p>Signature & Seal of Professional Surveyor: FRED B. KERR, JR</p> <p>Certificate No.: 3950</p>

HOLD COPY FOR NSL (S)

District I
 PO Box 1980, Hobbs, NM 88241-1980
 District II
 811 South First, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals & Natural Resources Department

Hold 6-104 for N 52 (2)
 Form C-102
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 State Lease - 4 Copies
 Fee Lease - 3 Copies
 RECEIVED
 '96 DE 27 AM 8:52
 AMENDED REPORT

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 3004526305		2 Pool Code 71629		3 Pool Name Basin Fruitland Coal	
4 Property Code 000570		5 Property Name Gallegos Canyon Unit			6 Well Number 213E
7 OGRID No. 000778		8 Operator Name Amoco Production Company			9 Elevation 5654

10 Surface Location

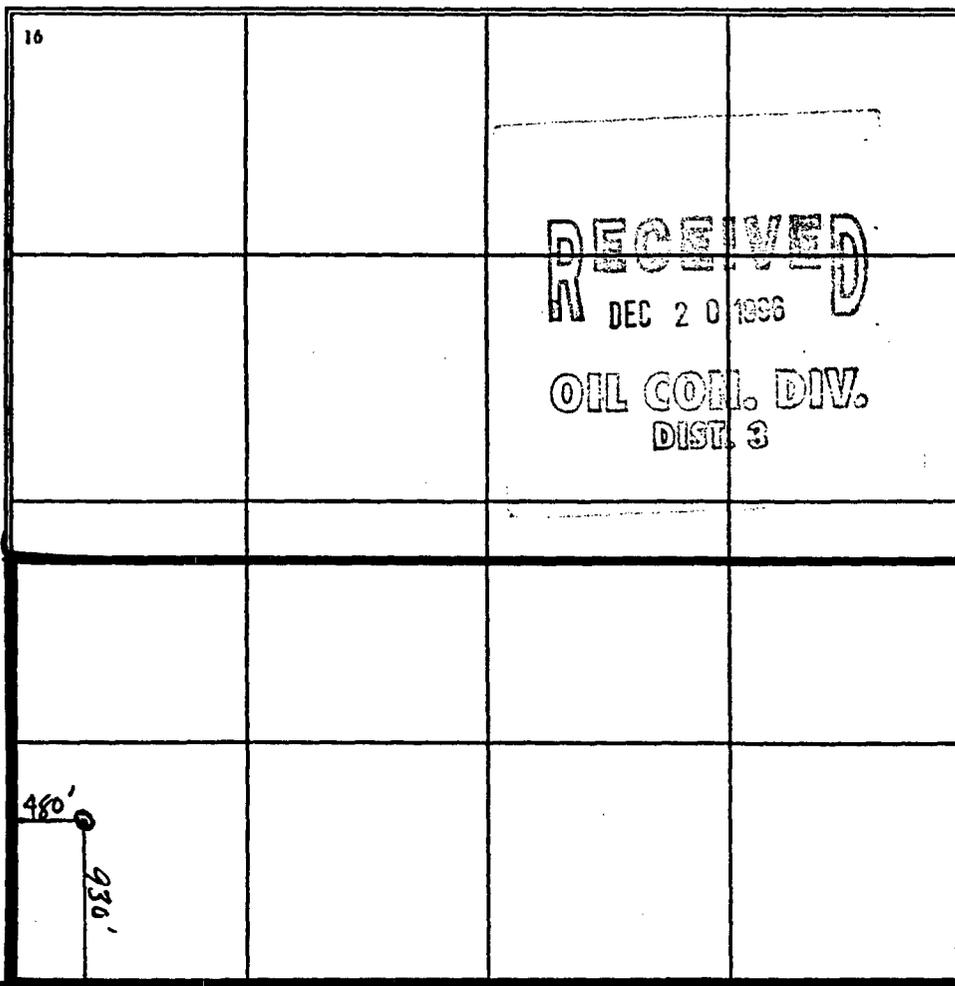
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	28N	12W		930	South	480	West	San Juan

11 Bottom Hole Location If Different From Surface

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

12 Dedicated Acres 273.87	13 Joint or Infill	14 Consolidation Code	15 Order No.
------------------------------	--------------------	-----------------------	--------------

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



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

Signature: *Nancy I. Whitaker*
 Nancy I. Whitaker
 Staff Assistant
 Date: 12-19-96

18 SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: 2-8-85
 Signature and Seal of Professional Surveyer:
 On File
 Certificate Number: 3950

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORT 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.

070 FARMINGTON, NM

RECEIVED 96 SEP -9 PM 1:34

OCT 30 AM 8 52

1. Type of Well

- Oil Well, Gas Well (checked), Other

5. Lease Designation and Serial No.

NMSF-078109

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Gallegos Canyon Unit 213E

2. Name of Operator

Attention:

Amoco Production Company

Patty Haefele

9. API Well No.

3004526305

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-4988

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

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

930' FSL & 480' FWL

Section 8 T28N R12W Unit M

11. County or Parish, State

San Juan, New Mexico

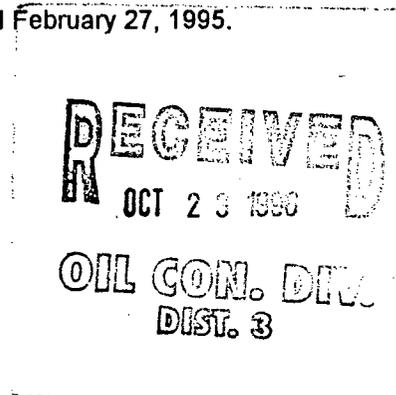
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with 2 columns: TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Subsequent Report, Final Abandonment Notice, Abandonment, Recompletion, Plugging Back, Casing Repair, Altering Casing, Change of Plans, New Construction, Non-Routine Fracturing, Water Shut-off, Conversion to Injection, and Dispose Water.

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 this well to the Fruitland Coal formation and to isolate the Dakota per the attached procedure.

Reference letter dated 7/18/96 and approved plug and abandonment sundry dated February 27, 1995.



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

Signed Patty Haefele

Title Staff Assistant

APPROVED Date 09/26/96

(This space for Federal or State office use)

Approved by Conditions of approval, if any:

Title

Date OCT 21 1996

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 a false or fraudulent statement or representations as to any matter within its jurisdiction.

DISTRICT MANAGER

Handwritten notes: Hold C-104 for NSL, See Instructions on Reverse Side, NMOC

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

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

*Hold c-104
for 156*

RECEIVED
BLM

96 SEP -9 PM 1:35

070 FARMINGTON, NM

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 3004526305	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 000570	⁵ Property Name Gallegos Canyon Unit	
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁶ Well Number 213E ⁹ Elevation 5654'

¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
M	8	28N	12W		930	South	480	West	San Juan

¹¹ Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres 274.87	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order Number
---	-------------------------------	----------------------------------	----------------------------

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

¹⁶ 480' 930'				¹⁷ 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 Patty Haefele
				Printed Name Patty Haefele
				Title Staff Assistant
				Date 9/5/96
				¹⁸ SURVEYOR 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 belief.</i>
				Date of Survey 2/8/85
				Signature and Seal of Professional Surveyer: On File
				Certificate Number 3950

SJOET Well Work Procedure

GCU #213E

Version: Final
Date: 8/3/96
Budget: Major Cash/Recompletion
Repair Type: Recompletion

Objectives: Stimulate Fruitland Coal

1. Isolate Dakota
 2. Stimulate Fruitland Coal
 3. Test Coal
 4. Put on Production.
-

Pertinent Information:

Location: 8 - 28N - 12W SW	Horizon: ^{Basin} Fruitland coal
County: San Juan	API #: 30-045-2630500
State: New Mexico	Engr: Yamasaki
Lease: Federal <i>Ums F-078109</i>	Phone: H--(303)202-0361
Well Flac: 846509	W-(303)830-5841
	P--(303)553-6437

Economic Information:

APC WI: 55%	FT Anticipated IP: 200 MCFD
Estimated Cost: \$ 90,000	
Payout: 3 Years	
Max Cost -12 Mo. P.O. \$	
PV15: \$ M	
Max Cost PV15: \$ M	

Note: Economics will be run on all projects that have a payout exceeding ONE year.

Formation Tops: (Estimated formation tops)

Nacimiento:	Menefee:
Ojo Alamo:	Point Lookout:
Kirtland Shale:	Mancos Shale:
Fruitland: 1034	Gallup: 5145
Pictured Cliffs: 1479	Graneros:
Lewis Shale:	Dakota: 5915
Cliff House: 3234	Morrison:

Bradenhead Test Information:

Test Date:	Tubing:	Casing:	BH:	
Time	BH	CSG	INT	CSG
5 min				
10 min				
15 min				

Comments:

GCU 213E

TD = 6270', PBTD = 6120'

Page 2 of 2

1. Check anchors. MIRUSU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. TOH with 2.375" tubing.
6. Set CIBP at ~~6000'~~ *5800' to 5918'*
7. Spot Cement plug to 5800' Note: New PBTD will be 5800'.
8. Load Hole with 2% KCL. RU Wireline Unit with Packoff.
9. Log with CBL/GR/CCL/CNL to insure zonal isolation across Fruitland and to correlate Fruitland. Pressure test casing to 2000#.
10. Perforate the following interval 120 deg. phasing using 3 1/8" HSC ported guns (12.5 GM, .34" EHD, 13.13 TTP, 4 SPF). Correlate with CNL log run above:
Approximate shots: 1450-1470
11. Fracture Stimulate down casing with approximately 75 Mlbs, 70 Gal foam.
12. Shut in well for 2 hours. Flow back until well logs off.
13. Flow test well reporting Gas and Water to Denver
14. TIH with 2 3/8" land at bottom of perforations.
15. Flow well back a rod pump may be needed.
16. Put well on production and make money.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONSERVATION DIVISION
RECEIVED
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

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. SF-078109
2. Name of Operator Amoco Production Company		6. If Indian, Allottee or Tribe Name
Attention: Patty Haefele		7. If Unit or CA, Agreement Designation
3. Address and Telephone No. P.O. Box 800, Denver, CO 80201 (303) 830-4988		8. Well Name and No. Gallegos Canyon Unit 213E
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 930' FSL 480' FWL Sec. 8 T 28N R 12W Unit M		9. API Well No. 26305 3004526325
		10. Field and Pool, or Exploratory Area Basin Dakota
		11. County or Parish, State San Juan New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Letter dated 2/28/96
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

Amoco Production Company requests permission to extend the time frame to plug this well to July 1, 1996. Original plug and abandonment notice approved 2/27/95.

Reference: NMSF-078578 et al. (WC) 3162.3-4 (7300) dated 2/28/96.

RECEIVED
MAR 12 1996
OIL CON. DIV.
DIST. 3

RECEIVED
BLM MAIL ROOM
95 MAR -7 PM 1:09
070 HARRINGTON, NM

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

Signed Patty Haefele Title Staff Assistant Date 03-05-1996

(This space for Federal or State office use)

Approved by _____ Title _____ Date **APPROVED**
Conditions of approval, if any: _____
MAR 08 1996

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONSERVATION DIVISION
RECEIVED

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

95 MAR 8 AM 8 52

5. Lease Designation and Serial No. **SF 078109**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. **Gallegos C U 213E**

9. API Well No. **26305**
3004526328

10. Field and Pool, or Exploratory Area
Basin Dakota

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: **Lois Raeburn**

3. Address and Telephone No.
P.O. Box 800, Denver, Colorado 80201 (303) 830-5294

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
930 FSL 480FWL Sec. 8 T 28N R 12W

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

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

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

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

Amoco Production Company request permission to plug and abandon the subject well.

See attached procedures.

RECEIVED
MAR - 6 1995
OIL CON. DIV.
DIST. 3

OIL CONSERVATION DIVISION
 RECEIVED
 FEB 23 11:57 AM

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

Signed *Lois Raeburn* Title Business Assistant Date 02-20-1995

(This space for Federal or State office use)

Approved by _____ Title _____ **APPROVED**

Conditions of approval, if any:

FEB 27 1995

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.

DISTRICT MANAGER

PXA Procedures
Gallegos Canyon Unit 213E

1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Blow down well. Kill if necessary with fresh water. NDWH. NUBOP.
3. POOH with 2 3/8" tbg. RIH with tbg and cement retainer. Set retainer at 5950'. Test casing integrity to 500#. Squeeze perms at 6018' to 6032' with 34.718 cuft cement. Pull out of retainer and spot 50' cement plug. (4.36 cuft cement)
4. Pull up hole and spot 100' cement plugs across the following locations:

Gallup at 5195'
Mesa Verde at 2973'
Chacra at 2474'
Pictured Cliffs at ~~1539~~[?] 1519'
Fruitland at 1210'
and 372 to surface to cover the water zones
(est 80.666 cuft cement)

5. NDBOP. Cut off casing and wellhead. Install PXA marker according to BLM or State requirements.
6. Turn over to John Schwartz for reclamation.
7. Rehabilitate location according to BLM or State requirements.

GALLEGOS CANYON UNIT #213E
LOCATION M8-28N-12W
SINGLE DK
ORIG COMPLETION 7/85
LAST FILE UPDATE 10/93 BY CSW

RECEIVED:
NIT

95 FEB 22 PM 1:57

ET AT 1160
EG AT 1489

CH AT 2424
MV AT 2923

GP AT 5145

DK-4SPF PERF 6018-6032
6088-6156

PBTD AT 6223 FT.

FILENAME:
D4526308

TOTAL DEPTH 6270 FT.

BOT OF 8.625 IN OD CSA 322
74 LB/FT. K-55 CASING, W/271 SKS
CIR TO SURFACE

070 (MARTINSON), MM

DV TOOL Ø3177

BOT OF 2.375 IN OD TBG AT 6185

BOT OF 4.5 IN OD CSA 6265
74 LB/FT. K-55 CASING
CIR TO SURFACE

Amoco Production Company

Print Date
08/09/94

Page 1

Brief Summary Report

Business Unit: Southern Rockies **Operation Center:** San Juan
Well Name: GALLEGOS CANYON UNIT /DAKOTA/ **Well Number:** E213M08
API Well Number: 3004526305 **Reason:** Decrease Water
Work Activity: Repair **Work Activity Number:** 59
Final Date: 12/31/99
Status Indicator: Released **Planned Indicator:** Planned
Work Activity Field Estimated Cost: \$9,500 **Currently Assigned To:** ZMHY01

Brief Narrative:

This well has not been produced since initial completion in 1986 because of high liquid influx into the wellbore. The following procedure attempts to reduce liquids entering the wellbore and determine if economical production exists.

NOTE: If the well can produce 80 MCFD or greater after the plugback , a pipeline can be layed

Horizon Name	Regulatory Field Name
DAKOTA	BASIN-DAKOTA-GAS

Sequence #	Job Type	Job Highlights	Horizon	Job Start Date	Job End Date	Last Update Date
1	CLEAN OUT/PLUGBA6	422 to 6,223 FT.	DAKOTA			8/9/94
2	CLEAN OUT/PLUGBA6	420 to 6,120 FT.	DAKOTA			8/8/94
3	REMOVED/RUN	Lift Revision	DAKOTA			8/8/94
4	TESTING/SWABBING	6,018 to 6,120 FT.	DAKOTA			8/8/94

Amoco Production Company

Print Date
08/09/94

Page 2

Cleanout / Plugback Report

Well Name: GALLEGOS CANYON UNIT /DAKOTA/

Well Number: E213M08

Work Activity Number: 59

Job Start Date:

Primary Service Company Name:

Job End Date:

Job Field Estimated Cost: \$9,500

Cleanout/Plugback Type: Plugback

Cleanout/Plugback Method: (n/a)

Plug Material Used: CIBP

Recovered Material:

Top Depth: 6,122 FT.

Bottom Depth: 6,223 FT.

Tubular/Hole I.D.: 4.500 IN.

Amoco Production Company

Page 3

Cleanout / Plugback Report

Print Date
08/09/94

Well Name: GALLEGOS CANYON UNIT /DAKOTA/

Well Number: E213M08

Job Start Date:

Work Activity Number: 59

Primary Service Company Name:

Job End Date:

Job Field Estimated Cost:

Cleanout/Plugback Type: Plugback
Cleanout/Plugback Method: Dump Bailer
Plug Material Used: Cement
Recovered Material:

Top Depth: 6,120 FT.
Bottom Depth: 6,120 FT.
Tubular/Hole I.D.: IN.

Job Comments:

Bail 2 sx of Cement on top of CIBP

Amoco Production Company

Print Date
08/09/94

Page 4

Removed/Run Report

Well Name: GALLEGOS CANYON UNIT /DAKOTA/ Well Number: E213M08
Work Activity Number: 59
Job Start Date: Primary Service Company Name:
Job End Date: Job Field Estimated Cost:

Removed/Run Job Information

Removed Run Reason Description: Lift Revision Kelly Bushing: FT.
Kill Fluid Description: Lift Revision Description: Other
Kill Fluid Density: PPG

Feet Rmvd	Joints Rmvd	Fail	Equipment Description	Original Status	Run Date	Feet Run	Joints Run	Top Set Depth
100.0	3	*	TBG : 2.375 4.7# J-55 eue ()	*		0		6,085

Amoco Production Company

Print Date
08/09/94

Page 5

Testing/Swabbing Report

Well Name: GALLEGOS CANYON UNIT /DAKOTA/

Well Number: E213M08

Job Start Date:

Work Activity Number: 59

Job End Date:

Primary Service Company Name:

Job Field Estimated Cost:

Interval Top Depth:	6,018 FT.	Load to Recover:	Oil	Water
Interval Bottom Depth:	6,120 FT.		BBLS	BBLS
Packer Depth:	FT.			
Test Type:	Flowing			

Test 1

Test Date:		Fluid Entry:	FT.
Start Fluid Level:	Feet From Surface	Fluid Entry In:	HRS
Final Fluid Level:	Feet From Surface	Water Recovered:	BBLS
Tubing Open Pressure:	PSI	Oil Recovered:	BBLS
Tubing Closed Pressure:	PSI	Gas Recovered:	MCF
Test Duration:	HRS	Fluid Last Hour:	BBLS
Choke Size:	1/64THS		

Job Comments:

Hold approximately 200# against production line to simulate line pressure. Test for 2 days. Advise Engineer.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OIL CONSERVATION DIVISION
RECEIVED

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

6. Lessee Designation and Serial No. **8 35 NMSF-078109**

8. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No. **Gallegos Canyon 213E**

8. API Well No. **3004526305**

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

11. County or Parish, State **San Juan NM**

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **Amoco Production Company** Attention: **Lois Raeburn**

3. Address and Telephone No. **P.O. Box 800, Denver, Colorado 80201**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
m 930FSL 480FWL Sec. 8 T 28N R 13W

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

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

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*
Amoco would like to apply for Temporary Abandonment status while up-hole potential is being evaluated.

RECEIVED

FEB 14 1994

OIL CON. DIV.
DIST. 3

070 FARMINGTON, NM

94 FEB -1 AM 11:13

RECEIVED
BLM

2/15/94
2/19/94

AUG 01 1994

THIS APPROVAL EXPIRES

14. I hereby certify that the foregoing is true and correct
Signed Lois Raeburn Title Business Asst. Date 01-28-1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

APPROVED

FEB 08 1994

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
NMOCD

Carol B. Baker
DISTRICT MANAGER

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 1004
Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL

892000844 F

4. IF INDIAN, ALLOTTEE OR TRIBE

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.)

RECEIVED
BLM

1. OIL WELL GAS WELL OTHER '91 APR 17 AM 9 07 91 JAN 28 P

2. NAME OF OPERATOR Amoco Production Company 019 FARMING

3. ADDRESS OF OPERATOR 200 Amoco Court Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 930/N 480/W

RECEIVED
APR 5 1991
OIL CON. DIV.

17. WELL OR MEASUREMENT NAME Gallegos Canyon U.

18. NAME OF LEASE OWNER O.N.M.

2. WELL NO. 213E

10. FIELD AND POOL, OR WILDCAT BASIN DAKOTA

11. SEC. T. R. M. OR B.L.M. AND SURVEY OR AREA SW/SW Sec 8-28N-12

14. PERMIT NO. 15. ELEVATIONS (Show whether of, to, or from) OIL CON. DIV.

12. COUNTY OR PARISH SAN JUAN 13. STATE NM

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Flow Test Well <input checked="" type="checkbox"/>			

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data, including estimated date of starting 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 approval to flow test the subject well for up to 15 days to determine economics of pipeline connection. Gas flows will be flared.

This well was originally drilled in 1985.

APPROVED

Approved _____
Chief, Branch of Mineral Resources
Farmington Resource Area

18. I hereby certify that the foregoing is true and correct. SIGNED B.S. Shaw TITLE Enviro. Coordinator DATE 1-25-91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side
NMOCD

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

I.

Operator <u>Amaco Production Co</u>	Well API No.
Address <u>2325 E. 30th Street, Farmington NM 87401</u>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Effective <u>4-1-89</u>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>
If change of operator give name and address of previous operator _____	

II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Gallegos Canyon Unit</u>	Well No. <u>213E</u>	Pool Name, Including Formation <u>Basin Dakota</u>	Kind of Lease State, Federal or Fee	Lease No. <u>SF-078109</u>
Location Unit Letter <u>m</u> : <u>930</u> Feet From The <u>S</u> Line and <u>480</u> Feet From The <u>W</u> Line Section <u>8</u> Township <u>28 N</u> Range <u>12 W</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<u>Meridian Oil Inc.</u>	<u>P.O. Box 4289, Farmington NM 87499</u>
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)
<u>Northwest Pipeline</u>	<u>3539 E. 30th St. Farmington NM 87401</u>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When ?
	<u>m</u> <u>8</u> <u>28N</u> <u>12W</u> <u>No</u>

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	SACKS CEMENT

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OIL CONSERVATION DIV. SANTA FE

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
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.

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APR 20 1989
OIL CON. DIV. DIST. 3

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

B. D. Shaw
Signature
B. D. Shaw Adm. Supv.
Printed Name Title
4-19-89 (505) 325-8841
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved APR 20 1989
By B. D. Shaw
Title SUPERVISION DISTRICT # 3

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

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

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRORATION OFFICE			

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

REQUEST FOR ALLOWABLE
AND

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator
Amoco Production Co.

Address
501 Airport Drive, Farmington, N M 87401

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Oil	<input checked="" type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Condensate	
<input type="checkbox"/> Change in Ownership			

Other (Please explain)

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OCT 16 1985
OIL CON. DIV.
DIST. 3

If change of ownership give name and address of previous owner

(13)

II. DESCRIPTION OF WELL AND LEASE

Lease Name Gallegos Canyon Unit	Well No. 213E	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Federal	Lease No. SF-0781
Location Unit Letter <u>M</u> ; <u>930</u> Feet From The <u>South</u> Line and <u>480</u> Feet From The <u>West</u> Line of Section <u>8</u> Township <u>28N</u> Range <u>12W</u> , NMPM, <u>San Juan</u> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)			
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 Corporation	P.O. Box 990, Farmington, NM 87499			
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.
				Is gas actually connected? When

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

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.

BDS Shaw
(Signature)

Adm. Supervisor

(Title)

October 9, 1985

(Date)

OIL CONSERVATION DIVISION

APPROVED

BY

TITLE

OCT 16 1985
Frank T. Dwyer
SUPERVISOR DISTRICT 3

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only 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 multiply completed wells.

IV. COMPLETION DATA

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

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

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

GAS WELL

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

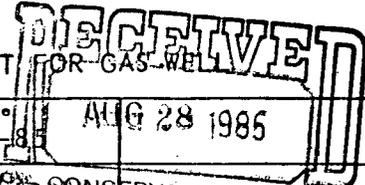
OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Special				Test Date 7-10-85				AUG 28 1985			
Company Amoco Production Co.				Connection El Paso Natural Gas Co				OIL CONSERVATION DIVISION SANTA FE			
Pool Basin				Formation Dakota				Unit			
Completion Date 7-2-85		Total Depth 6265		Plug Back TD 6223		Elevation 5641 GR		Farm or Lease Name Gallegos Canyon Unit			
Coq. Size 4.500	Wt. 11.6	d 4.000	Set At 6265	Perforations: From 6018 To 6156		Well No. 213E					
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 6185	Perforations: From open To ended		Unit M	Sec. 8	Twp. 28	Rge. 12		
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single						Packer Set At None		County San Juan			
Producing Thru tubing		Reservoir Temp. °F θ		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico			
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps			
FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	7 Days						615		800		
1.	2.375		.750				117		312		3 hrs.
2.											
3.											
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1	12.365		129	1.000	.9258	1.015	1499				
2.											
3.											
4.											
5.											
NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/Std		A.P.I. Gravity of Liquid Hydrocarbons _____		Specific Gravity Separator Gas _____		
1.									AUG 29 1985 X X X		
2.									X X X X X		
3.									OIL CON. DIV		
4.									P.S.I.A.		
5.									DIST		
P _c 812		P _c ² 659344									
NO.	P ₁ ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_w^2 - P_w^2} = 1.1894$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1389$				
1		324	104976	554368							
2											
3											
4											
5											
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1707$											
Absolute Open Flow 1707 Mcfd @ 15.025				Angle of Slope θ _____		Slope, n .75					
Remarks: Flared, Lite condensate, Med H2O											
Approved By Division			Conducted By: Bryan Services			Calculated By: J.J. Barnett			Checked By: R		

(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED
AUG 2 - 1985

SF-078109

Gallegos Canyon Unit

OIL CON. DIV.
DIST. 3

1. TYPE OF WELL

2. TYPE OF COMPLETION

3. NAME OF OPERATOR

Amoco Production Co.

4. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N M 87401

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

At surface 930' FSL x 480' FWL

At top prod. interval reported below Same

At total depth Same

RECEIVED

JUL 29 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

6. WELL NO

213E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

SW/SW Sec 8, T28N, R12W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)	19. ELEV. CASINGHEAD
5-30-85	6-6-85	7-2-85	5654' KB	5641' GR

20. TOTAL DEPTH, MD & TVD	21. PLUG. BACK T.D., MD & TVD	22. IF MULTIPLE COMPL. HOW MANY?	23. INTERVALS GRILLED BY	ROTARY TOOLS	CABLE TOOLS
6270'	6223'	Single		O-TD	

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

6018'-6156' Dakota

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIPL-GR-SP; CDL-CNL-GR-CAL

27. WAS WELL CORKED

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#, K55	322'	12-1/4"	319 cf Class B Portland	
4-1/2"	11.6#, K55	6265'	7-7/8"	743 cf Class B Portland, 1058 cf Class B Portland	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6185'	

31. PERFORATION RECORD (Interval, size and number)
6018'-6032', 6088'-6156', 4 jspf, .45" in diameter, for a total of 328 holes.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6018'-6156'	90,000 gal 70 quality foam and 130,900 # 20-40 brady sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
7-9-85	Flowing	Shut-in					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-10-85	3 hrs	.75"			187		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
117 psig	312 psig			1499			

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

To be sold

TEST WITNESSED BY
Bryan Services

35. LIST OF ATTACHMENTS

None

ACCEPTED FOR RECORD

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

SIGNED

BDS Shaw

TITLE

Adm. Supervisor

DATE

AUG 2 - 1985

*(See Instructions and Spaces for Additional Data on Reverse Side) FARMINGTON RESOURCE AREA

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 reports, or to furnish any information as to any matter within its jurisdiction.

NMOCC

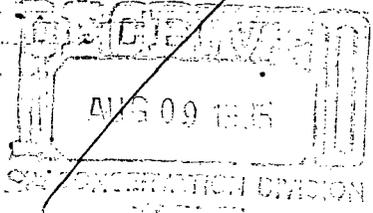
37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; core intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	DEPTH	
					MEAS. DEPTH	TRUE DEPTH
Fruitland	1034	1479				
Pictured Cliffs	1479	1591				
MesaVerde	3234	4202				
Gallup	5145	5700				
Dakota	5915	6240				

RECEIVED
 AUG 2 - 1985
 OIL CON. DIV.
 DIST. 3



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRODUCTION OFFICE		

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

RECEIVED
JUL 29 1985
OIL CON. DIV.
DIST. 3

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator
Amoco Production Co.

Address
501 Airport Drive, Farmington, N M 87401

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

<input type="checkbox"/> New Well	Change in Transporter of:	<input type="checkbox"/> Oil	<input type="checkbox"/> Dry Gas
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Casinghead Gas	<input type="checkbox"/> Condensate	
<input type="checkbox"/> Change in Ownership			

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Gallegos Canyon Unit	Well No. 213E	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Federal	Lease No. SF 078109
Location Unit Letter <u>M</u> ; <u>930</u> Feet From The <u>South</u> Line and <u>480</u> Feet From The <u>West</u>				
Line of Section <u>8</u> Township <u>28N</u> Range <u>12W</u> , NMPM, San Juan 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"/> Permian Corporation	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1702, Farmington, N.M. 87499
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P.O. Box 990, Farmington, N.M. 87499
If well produces oil or liquids, give location of tanks. Unit <u>M</u> Sec. <u>8</u> Twp. <u>28N</u> Rge. <u>12W</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.

BDS Shaw
(Signature)

Adm. Supervisor
(Title)

7-23-85
(Date)

8-2-85 OIL CONSERVATION DIVISION
APPROVED AUG 02 1985, 19
BY [Signature]
SUPERVISOR DISTRICT # 3
TITLE _____

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

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

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

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

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'
			X	X					
Date Spudded 5-30-85	Date Compl. Ready to Prod. 7-2-85	Total Depth 6270'			P.B.T.D. 6223'				
Elevations (DF, RKB, RT, GR, etc.) 5641' GR	Name of Producing Formation Dakota	Top Oil/Gas Pay 6018'			Tubing Depth 6185'				
Perforations 6018'-6032', 6088'-6156'							Depth Casing Shoe 6270'		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4"	8-5/8", 24#, K55	322'	319 cf
7-7/8"	4-1/2", 11.6#, K55	6265'	2015 cf
	2-3/8"	6185'	

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 1499	Length of Test 3hrs.	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.) Back pressure	Tubing Pressure (Shut-in) 615 psig	Casing Pressure (Shut-in) 800 psig	Choke Size .75"

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-078109

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

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JUL 19 1985

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

213E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

SW/SW Sec 8, T28N, R12W

12. COUNTY OR PARISH 13. STATE

San Juan NM

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Amoco Production Co.

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

3. ADDRESS OF OPERATOR
501 Airport Drive, Farmington, N M 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

930' FSL x 480' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, BT, GR, etc.)

5641' GR

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

STOP WORK
MEND OR DECAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

MULTIPLE COMPLETION
ABANDON*
CHANGE PLANS

WELL RECOMPLETION
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) completion

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.)*

Moved in and rigged up service unit on 6-18-85. Total depth of the well is 6270' and plugback depth is 6223'. Pressure tested production casing to 4800 psi for 30 minutes. Perforated the following intervals: 6018'-6032', 6088'-6156', 4 jspf, .45" in diameter, for a total of 328 holes. Fraced interval 6018'-6156' with 90,000 gal 70 quality foam and 130,900# 20-40 brady sand. Landed 2-3/8" tubing at 6185' and released the rig on 7-2-85.

RECEIVED
JUL 26 1985
OIL CON. DIV.,
DIST. 3

I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE District Adm Supervisor

DATE 7-16-85

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE JUL 20 1985

FARMINGTON RESOURCE AREA
BY [Signature]

*See Instructions on Reverse Side

NMOCC

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.)

5. LEASE DESIGNATION AND SERIAL NO.

SF-078109

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

213E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

SW/SW Sec8, T28N, R12W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

RECEIVED

JUL 02 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

JUL 17 1985

5641' GR

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Amoco Production Co.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N M 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

930' FSL x 480' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether of, to, or, etc.)

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

DRILL OR ALTER CASING

CHANGE TRACK

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Spud and Set Casing

(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.)*

Spud a 12-1/4" hole on 5-30-85. Drilled to 345'. Set 8-5/8", 24#, K55 casing at 322' and cemented with 319 cu. ft. Class B Portland. Circulated cement to surface. Pressure tested casing to 1000 psi for 30 minutes. Drilled a 7-7/8" hole to a TD of 6270' on 6-6-85. Set 4-1/2", 11.6#, K55 casing at 6265'. Stage 1: cemented with 743 cu.ft. Class B Portland and tailed in with 214 cu. ft. Class B Portland. Stage 2: cemented with 1058 cu. ft. Class B Portland. Circulated cement to surface after both stages. The DV tool was set at 3177' and the rig was released on 6-7-85.

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OIL CON. DIV.
DIST. 2

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

SIGNED

B. S. Shaw

TITLE

Adm. Supervisor

DATE

6-21-85

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JUL 03 1985

*See Instructions on Reverse Side

NMOCC

FARMINGTON RESOURCE AREA

BY

30-045-26305

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

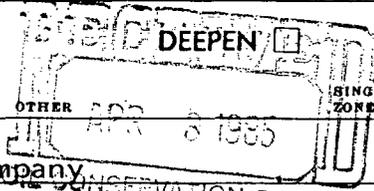
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 D. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 Amoco Production Company

3. ADDRESS OF OPERATOR
 501 Airport Drive, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface: 930' FSL x 480' FWL
 At proposed prod. zone: Same



5. LEASE DESIGNATION AND SERIAL NO.
 SF-078109
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 Gallegos Canyon Unit
 8. FARM OR LEASE NAME
 9. WELL NO.
 213E
 10. FIELD AND POOL, OR WILDCAT
 Basin Dakota
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SW/SW Sec. 8, T28N, R12
 12. COUNTY OR PARISH 13. STATE
 San Juan NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 12 miles southeast of Farmington, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 480'

16. NO. OF ACRES IN LEASE
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320 354.12

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 200' E

19. PROPOSED DEPTH
 6240'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5641' GR
 DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS" PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START*
 As soon as permitted

23. 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
12-1/4"	8-5/8"	24#, J-55	300'	354 c.f. Class B
7-7/8"	4-1/2"	10.5#, K-55	6240'	2136 c.f. Class B

Amoco proposes to drill the above well to further develop the Basin Dakota reservoir. The well will be drilled to the surface casing point using native mud. The well will then be drilled to TD with a low solids nondispersed mud system. Completion design will be based on open hole logs. Copy of all logs will be filed upon completion. Amoco's standard blowout prevention will be employed; see attached drawing for blowout preventer design. Upon completion the well site will be cleaned and the reserve pit filled and leveled. The gas from this well is dedicated to El Paso Natural Gas under contract No. 56,742.

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production 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. Original Signed By: D.D. Lawson
 District Administrative Supervisor

OIL CON. DIV.
 APPROVED
 AS AMENDED
 MAR 25 1985
 AREA MANAGER
 FARMINGTON RESOURCE AREA

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

NSP ah7
 R-1814

NMOCC
 *See Instructions On Reverse Side

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2048

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-

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

Operator AMOCO PRODUCTION COMPANY		Lease GALLEGOS CANYON UNIT			Well No. 213E
Unit Letter M	Section 8	Township 28N	Range 12W	County San Juan	
Actual Footage Location of Wells: 930 feet from the South line and 480 feet from the West line					
Ground Level Elev: 5641	Producing Formation Dakota		Pool Basin Dakota	Dedicated Acreage: 354.12 Acres	

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

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

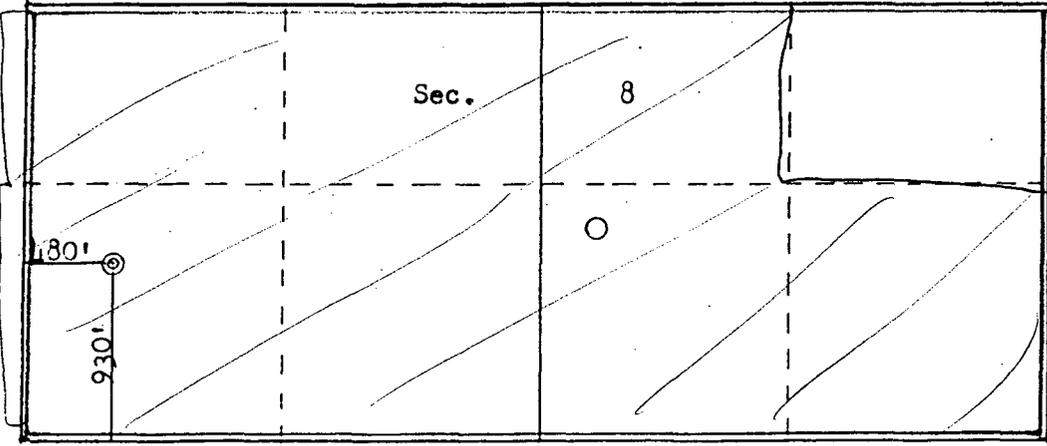
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____
 No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

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DIST. 3

*also lot 1 and
1/2 of SE 1/4 of sec. 17*

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FEB 14 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA



Scale: 1"=1000'

CERTIFICATION

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

Original Signed By
D.D. Lawson

Name D.D. Lawson
Position District Administrative Supervisor
Company 2/8/85
Date

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed November 8, 1984
Registered Professional Engineer and Land Surveyor Fred B. Kerr Jr.
Certificate No. 3950

Petroleum Information
Corporation
GEO-FICHE™

28N-12W-08-13 (SW SW)
NEW MEXICO NM

WELL: GALLEGOS CANYON 213E
OPER: AMOCO PROD
CNTY: SAN JUAN

API: 30-045-26305
ISSUE: C09/85
CARD: 1

