Stogner, Michael

From:

Corley, Mary L[SMTP:corleyml@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

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> ----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 preformed. 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
> will be P&A'ed". What condition is the #213-E well in that the BLM is
> having
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> BP/Amoco P&A it? Do the pipeline constraints mentioned still exist?
>> -----
> > From:
                Corley, Mary L[SMTP:corleyml@bp.com]
                Thursday, April 27, 2000 7:01 AM
> > Sent:
> > To: Stogner, Michael
                Amoco's Gallegos Canyon Unit . #213
> > Subject:
>> << File: Amoco.doc>>
>> In response to your request for supplemental data concerning the status
>> 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
>>> Mary, I assume you got this message from Mike Stogner. His note
> > indicates
>>> in 1997, we asked for approval to recomplete the 213E well from
> Dakota
> > to
>>> Fruitland in this same spacing unit. If this work was done then he
>>> not approve the well in the unorthodox guarter section. If not, now it
>>> looks like we have to explain why we didn't or couldn't use the 213E
> > well
>>> in the proper quartersection.
>>>
>> John and Max, Did partners approve the recompletion or is the Dakota
> > well
>> > back on production?
>>>
>>> If this well is not located next to the GCU boundary we should point
>>> that there will be no correlative rights violated by using either well
>>> since we are only affecting our PA.
>>> 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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>> > 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>>
>>>
>> >

. . . 1

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXAGO.

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 RASIN-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 Commission 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 Counites, 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.

- (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

From:

Stogner, Michael

Sent:

Thursday, April 27, 2000 8:14 AM

To:

5 me 😽 👢

'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

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

> Mary , I assume you got this message from Mike Stogner. His note indicates > in 1997, we asked for approval to recomplete the 213E well from Dakota to

- > Fruitland in this same spacing unit. If this work was done then he could
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- > that there will be no correlative rights violated by using either well
- > since we are only affecting our PA.

- > 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

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To:

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Subject:

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Amoco.doc

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Please advise if you need additional information.

> To: Perrin, Charlie; 'Bill Hawkins (BP/Amoco)'

Amoco's Gallegos Canyon Un. #213

> Subject:

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       Eddington, Max K; Papageorge, John
> Cc:
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> Phone: 281-366-5450
> Fax: 281-366-7143
> Email: hawkinj2@bp.com
               Stogner, Michael[SMTP:MSTOGNER@state.nm.us]
> From:
> Sent: Wednesday, April 19, 2000 4:16 PM
```

> Request for supplemental data.
> <<Amoco>>
>

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 a 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

THE STATE OF THE WAY

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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Sincerely.

William J.

Director

WJL/MES/kv

cc: Oil Conservation Division - Aztec

U.S. Bureau of Land Management - Farmington

File: NSL-2001

_eMav



January 15, 1997

Rel: 12-23-96 Susp: NA 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

1 1-	123/96	1/13/97	MS	_ KV	_ NSL
			ANOVE THIS LINE FOR DIVISION USE O	DF N.Y	
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[i]	TYPE OF A	APLICATION - Check	Those Which Apply	for (Λ)	ECEIVED
	[A]	Location - Spacing Uni	t - Directional Drilli		DEC 23 1996
		Ansl Dusp	□ DD □ SD	Oil Coi	nservation Division
	Chec [B]	ck One Only for [B] or [C] Commingling - Storage LIDHC - CCB	- Measurement	Oors Oorw	2141310]]
	[C]	Injection - Disposal - P U WFX U PMX	ressute Increase - El SWD 1111		
[2]	NOTIFICA [A]	TION REQUIRED TO: 2 Working, Royalty or			of Apply - Ace Annoco
	[B]	Offsel Operators, Le	aseholders or Surfac	ce Owner	
	[C]	☐ Application is One V	Vhich Requires Pub	lished Legal Notice	
	[b]	Notification and/or C	Conctifrent Approva agement - Commissioner of Pr	1 by BLM or SLO ublic Lands, Stale Land Office	
	[E]	I For all of the above,	Proof of Notification	on or Publication is Alta	ched, and/or,
	[F]	☐ Waivers ate Allache	d	•	v
[3]	informat	TION / DATA SUBMIT	TED IS COMPLE	TE - Statement of Unde	relandina
l liereby Regulat approve RI, ORI	y cerlify that lions of the O Il is accurate RI) is commo	l, or personnel under my soll Conservation Division. and complete to the best of the best	upervision, have rea Further, I assert th I my knowledge and applicable API No	ad and complied with al at the attached applicati d where applicable, veri mbers are included. I m	l applicable Rules an on for administrative Ity that all interest (W
		Note: Statement mus	l be completed by an Individual	wills supervisory capacity.	
J.W.,	HAWKINS	\bigcirc 1	Hiis	REGULATORY AFFA1	RS ENGR. 12/191
Print or T	ype Name	Signature		Title	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 Brazzos Rd., Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources Department

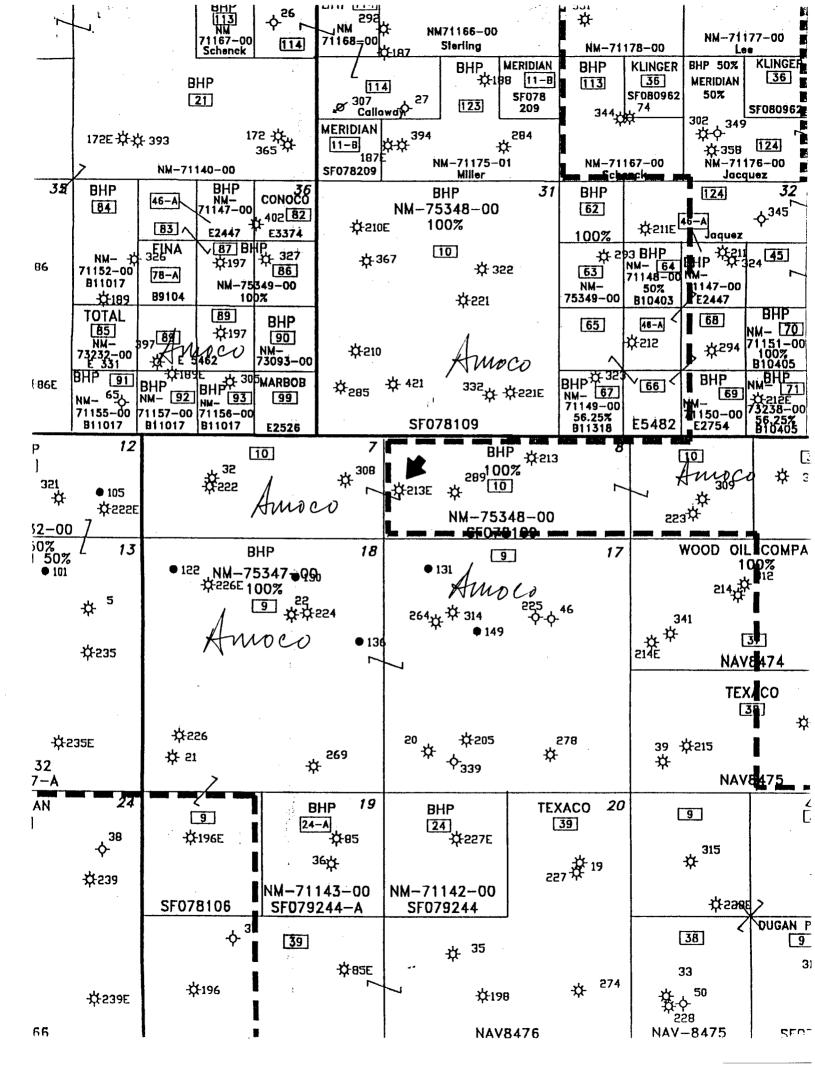
OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505 Form C-102
Revised October 18, 1994
Instructions on back

Submit to Appropriate District Office
State Lease - 4 Copies

Fee Lease - 1 Copies

AMENDED REPORT

	•	WE	LL LO	CATION	I AND ACE	REAGE DEDI	CATION PL	AT.		
, ,	API Numbe	er .		Pool Code			Pool N	ime		
3004526	305			71629	В	asin Fruitla	nd Coal			
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'OCRID	Property Code Gallegos Canyon Unit 213E									
	,				10 Surface	Location ·				
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CMD : OG5SECT

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PAGE NO: 2

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STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

March 15, 1985

TONEY 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

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 A	PPLICATION - Check Those Which Apply for [A]
	[A]	Location - Spacing Unit - Directional Drilling
		\underline{X} NSL _ NSP _ DD _ SD
		MAR 3 1 2000
	Check	Cone 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]	NOTIFICAT	TION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
[2]		
	[A]	_ Working, Royalty or Overriding Royalty Interest Owners
	[B]	Offset Operators, Leaseholders or Surface Owner Application is One Which Requires Published Legal Notice
		- Company of the contract of t
	[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
		U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[E]	For all of the above, Proof of Notification or Publication is Attached, and/or,
	[F]	Waivers are Attached

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

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken. Miles Statement in 1 to associate the second field with a second second state of the second s

		//	t be completed by	ran morvioual with supervisory capacity.	
Mary Corley	V///	dell for	lea	Sr. Business Analyst	03/29/2000
Print or Type Name		Signature	1	Title	Date

0





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 MAR 3 1 2000
CONSERVATION DIVISION

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

Amoco Production Company hereby requests administrative approval for an 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,

Måry Çørley

Attachments

cc: John Papageorge

Well file Proration file cc'ed Frank on 4-5-00



DISTRICT IV

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
311 South First., Artesia, NM 88210
DISTRICTIII
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe, New Mexico 87505 Form C-102

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

Signature & Seal of Professional Surveyor

3602

Certificate No.

Property Code 000570 Property Name Gallegos Canyon Unit			Basin Fruitla	nd Coal					
Property Code				Gall	legos Canyon	Unit		Well Nur	nber 213
OGRID No.		Operator Name						Elevation	
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SECTION

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AMOCO PRODUCTION COMPANY HOUSTON, TX

WESTERN GAS BUSINESS UNIT

FRUITLAND COAL WELLS
T28N R12W SEC. 8
[REF. GCU #213 (DAKOTA)]

SCRLE 1"=2500' BROWN M. J. RITZ DRTE 23-MAR-2000
OFFRING

CMD : OG5SECT

ONGARD

INQUIRE LAND BY SECTION

04/19/00 13:57:03

OGOMES -TPSY

PAGE NO: 2

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Date: 4/19/2000 Time: 02:11:50 PM

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ONGARD

04/19/00 13:57:42

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INQUIRE WELL COMPLETIONS

OGOMES -TPSY

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) :

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STATE OF NEW MEXICO

# ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

March 15, 1985

TONEY ANAYA

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



W. J. Holcomb District Manager

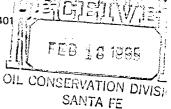
February 13, 1985

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 Amoco Production Company

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



NSL - 2001 RULE - 104 FC Deducted Acrego - 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,

M. J. Solions

KRJ/ct

Attachments

cc: Mr. Ernie Bush

New Mexico Oil Conservation Division

(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.

apprication for an unorthough rocation as proposed above.

By:		Date:	
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# STATE OF NEW MEXICO THERGY AND MINERALS DEPARTMENT

# OIL CONSERVATION DIVISION

P. O. BOX 2088

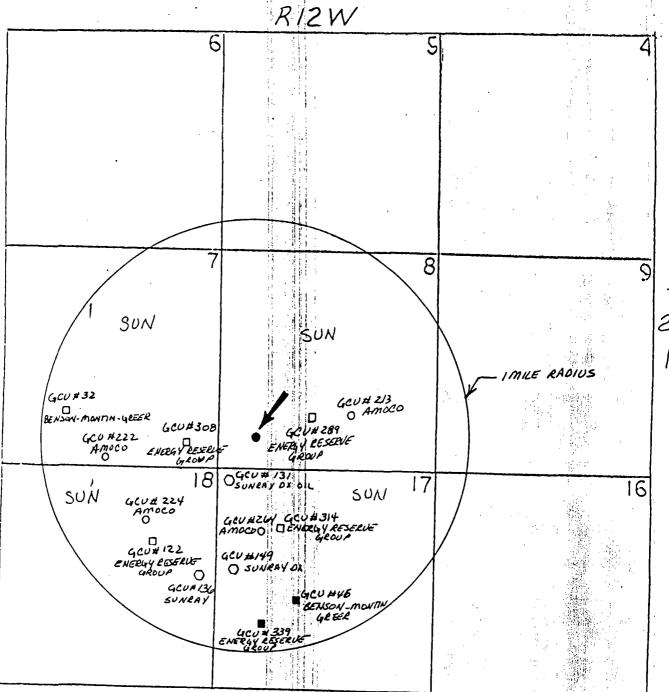
SANTA FE, NEW MEXICO 87501

Form C-107 Revised 10-1-71

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	AMOCO PRODUCTION COMPANY    Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section						
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X Yes  If answer this form i No allowate forced-pool	No If a is "no," list the f necessary.)	owners and tract des	of conso	which have ac	ctually be	en consolid	nmunitization, unitization,
						Nome B. [	certify that the information con- trein is true and complete to the try knowledge and belief.  D. Shaw
						Company 2/ Date	/8/85
80' @ 1086	Se					notes of under my is true of knowledg  Date Survey Novemb	actual surveys made by me or supervision, and that the same and correct to the best of my e and belief.  The surveyor surveyor surveyor surveyor.
	Scal	le: l"=1000'				Certificates	No. Account Visit

#### GALLEGOS CANYON UNIT #213E

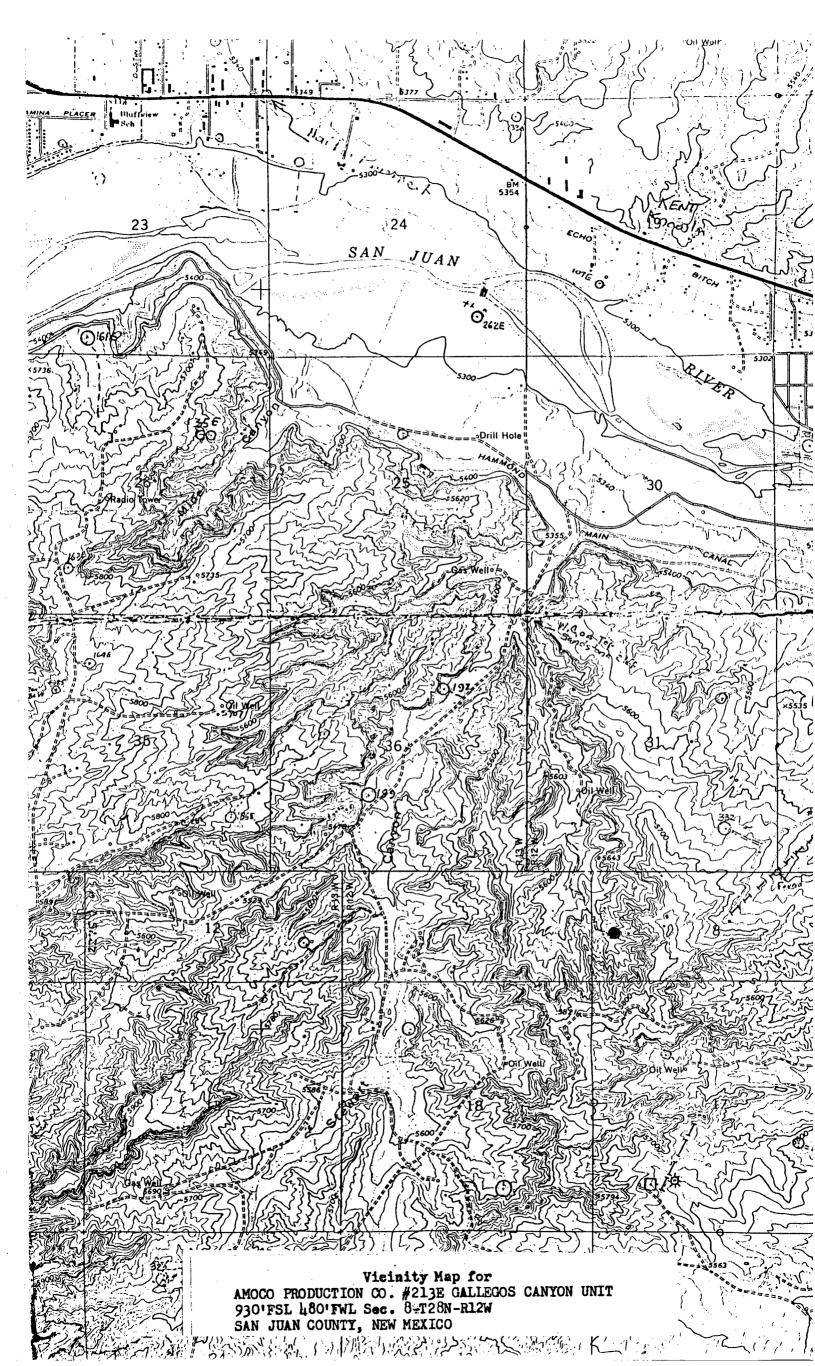


OBASIN DAKOTA WELLS

OKUTZ PICTURED CLIFF WELLS

OTOTAH GALLUP WELLS

- DRILLED AND ABANDONED WELLS
- PROPOSED WELL



Form 3160-5 (December 1989)

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

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

5. Lease Designation and Serial No.

#### SF - 078109

SUNDRY NOTICES A	SF - 078109				
Do not use this form for proposals to drill Use "APPLICATION FOR	6. If Indian, Allottee or Tribe Name				
		<u>.                                    </u>			
SUBMIT I	N TRIPLICATE	7. If Unit or CA, Agreement Designation			
1. Type of Well	2031123				
••	FR STORY	Gaffegos Camyon Unit			
	APA APA	<del>√</del> 213			
•	S RE™ 2000 0	9. API Well No.			
	wary Correy On October	30-045-11618			
·	OST ON	10. Field and Pool, or Exploratory Area			
P.O. Box 3092 Houston, TX 77253	(281) 392-0574	Basin Fruitland Coal			
4. Location of Well (Footage, Sec., T., R., M., or Survey	Description)				
	8 1 9 1 9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	11. County or Parish, State			
1450' FSL 2370' FEL Sec. 8	T28N R12W Unit J.	San Juan New Mexico			
12. CHECK APPROPRIATE BOX(s	) TO INDICATE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION	ON			
☑ Notice of Intent	Abandonment	Change of Plans			
Subsequent Report	■ Recompletion     □	New Construction			
	Plugging Back	Non-Routine Fracturing			
☐ Final Abandonment Notice	_ ` ` `	Water Shut-Off			
		_ Conversion to Injection			
		and the ar Well Completion of			
	Recompletion Report and Log for	orm.)			
13. Describe Proposed or Completed Operations. (Clear work of well is directionally drilled give subsurface	arly state all pertinent details, and give pertinent dates, including	ig estimated date of starting any proposed			
work. If well is directionally diffica, give subsuits	ce locations and measured and true vertical deputs for an mark	ters and zones pertinent to this work.			
Amoco Production Company reques	t permission to recomplete the subject well as	follows:			
1 Check anchors MIRUSU	•				
	and bradenhead pressures.				
<ol><li>Blow down wellhead, kill if neces</li></ol>	sary.				
	and pressure test BOP.				
6. PXA Dakota. Set CIBP within 50	' of top Dakota perf. Spot 150' cmt plug on tor	o of CIBP.			
<ol><li>Log Fruitland Coal interval with C</li></ol>	BL/GR/CCL to insure zonal isolation across F	C.			
<ol><li>Set CIBP approximately 150' below</li></ol>	ow bottom of proposed perforations. This plug	is intended to be temporary and			
will be drilled out prior to perman	ent wellbore abandonment operations.	1522 201 1522 201			
10. Fracture stimulate down casing a	according to schedule `A'.	1322-20, 1332-30.			
11. CO to PBTD.	•				
12. TIH with 2 3/8" tbg, rods, and put	WELL GAS WELL OTHER  me of Operator  OCO Production Company  Mary Core Production Company  Mary Core Production Company  Mary Core Production Company  Mary Core Production Company  Mary Core Production Company  Mary Core Production Company  Mary Core Production Company  Mary Core Production Company  Mary Core Production Company  Mary Core Production Company  Cation of Well (Footage, Sec., T., R., M., or Survey Description)  Mo'FSL 2370' FEL Sec. 8 T28N R12W Unit J  CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPOINTYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Subsequent Report  Plugging Back  Casing Repair  Altering Casing  Other  (Note: Report results of multiple cannot be producted of the production of the production Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report and Log for Recompletion Report Recompletion Report Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion Recompletion				
13. RDMO. Hook up to pumping un	it and well nead compressor.				
14. I hereby certify that the foregoing is true and corre					
Signed If any July	Title Sr. Regulatory Analyst	Date03/22/00			
(This space for Federal or State office ase)		MAP 3   2000			
Approved by /s/ Charlie Beecha	M	MAR 3 1 2000			
Conditions of approval, if any:		Datc			

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 I

P.O. Box 1980, Hobbs, NM 88240 <u>DISTRICT II</u>

311 South First,, Artesia, NM 88210

DISTRICTIII

API Number

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

Revised October 18, 1994 Submit to Appropriate District Office

3602

State Lease - 4 Copies Fee Lease - 3 Copies

#### **OIL CONSERVATION DIVISION**

2040 South Pacheco

Santa Fe, New Mexico 87505 2000 MAR 23 AM 10: 40

070 FARMINGTON, NM

#### **WELL LOCATION AND ACREAGE DEDICATION PLAT**

Pool Name

Pool Code

。2014年前時後後總統第二章

30-045-11		71629	Pool Na	ame	Basin Fruitiano	d Coal		day
operty Code 000570	Property Name		gos Canyon	Unit		Well Nur	nber 213	
RID No. 000778	Operator Name	AMOCO PRO				Elevation	5676'	
			face Loc					- 3
L or lot no. Section	Township Rar		Feet from the	North/South Line	Feet from the	East/West Line	Cour	nty
UNIT J 8	28N 12	w	1450'	SOUTH	2370'	EAST	San J	Juan
	Bottom I	Hole Location	f Differer	nt From Sur	face			-
L or lot no. Section	Township Ran	nge Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	Cour	nty
icated Acreage:	Joint or Infill	Consolidation Code	Order No.					
O ALLOWABLE W	VILL BE ASSIGNED OR A NON-ST	TO THIS COMPL					LIDATE	D
	~~~	~	~~~~	~~~~	OPERAT	OR CERTIFIC	CATION	; iv
28.52	78.53	78.4	5 2370	28,75		at the information co to the best of my ki		in is
	ક ટ	8 /XX/			Printed Name Position Sr. Date	Mary Corley Regulatory Ar 02/22/2000	nalyst	· · · · · · · · · · · · · · · · · · ·
					I hereby certify that the notes of actual surveys n	RTIFICATION well location shown on this nade by me or under my sup est of my knowledge and be	ervision, and that t	
	5EC 8	B is Fi SECTION	RACTO	NACT	Date of Survey Signature & Seal of	12/24/1965		
				1 Charles	Certificate No.			

District I

PO Box 1980, Hobbs, NM 88241-1980

District II

PO Drawer DD, Artesia, NM 88211-0719

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

Revised February 21, 1994

SOURCES

OH CONSERVA ON DIVISION Instructions on back Submit to Appropriate District Office

REGELIED

Form C-104

OIL CONSERVATION DIVISION DE 4 11 8 52 - AMENDED REPORT PO Box 2088

Santa Fe, NM 87504-2088

I.	R	EQU.	EST FO	OR ALL	OWAE	BLE AND	AUTHOR	IZATI	T NO	O TR	RANSPORT			
Operator name and Address											² OGRID Number			
AMOCO PRODUCTION COMPANY												000778 Reason for Filing Code		
			AMOCO O							СО				
⁴ API 1	Number	$\neg \neg$		THUM	FARMINGTON, NM 87401 Pool Name							⁶ Pool Code		
30045	1161800			. BASIN-DAKOTA-GAS								071599		
Property Code				⁸ Property Name								Well Number		
000)570			GALLEGOS CANYON UNIT /DAKOTA/								213		
II. 10	Surface	Loc	ation							 -				
UI or lot no.			Townshi			Lot.Idn	Feet from the	North/	h/South Line		Feet from the	East/West Line	County	
J	J 0008		028				1450	450 S		2370		Е	SAN	
11	Bottom	Hole	e I ocat	ion		<u>. </u>	<u> </u>						JUAN	
		Township			Lot.Idn	Feet from the	North/South Line		ine F	eet from the	East/West Line	County		
			i								!			
12 Lse Code 13 Producing Meth		thod Code	; 14	Gas Conn	ection Date	¹³ C-129 Perm	C-129 Permit Number		¹⁶ C-129 Effective Date		17 C-129 Expiration Date			
F											·			
III. Oil and Gas Transporters														
18 Transpor			19 Transpor	rter Name		²⁰ POD ²¹ C								
OGRID			DECKINA	and Ad	ldress	0170210	0178310				and Description			
9018 GIANT REF BOX 12999				u		01/8310	0178310			:				
SCOTTSDALE A				Z 85267										
7057	EPNG	X 4990			0178330	0178330 G								
				NM 87499										
		·· <u></u>												
IV. Pr	er				I									
²³ P		· ·	····		²⁴ POD ULSTR	DD ULSTR Location and Description								
V. W	all Con	nloti	on Dot											
V. Well Completion D			OII Dai	a ²⁶ Ready Da	²⁷ TD	TD			TD I	²⁹ Perforations				
-					_						ļ			
³⁰ Hole Size				31(Casing & T		32 Depth Set				33 Sacks Cement			
														
				-										
											:			
VI. Well Test Data												_		
34 Date New Oil 33 Ga		Gas Deliv	Delivery Date Test Date			37	37 Test Length			Tbg. Pressure	39 Csg. Pressure			
40 Choke Size		 	41 O	il		42 Water		⁴³ Gas		⁴⁴ AOF		45 Test Method		
46 I hereby certify that the rules of the Oil Conservation Division have been											,			
complied with and that the information given above is true and complete to the best								OIL CONSERVATION DIVISION						
of my knowledge and belief.								Approved by:						
Signature: J. P. Shaheen														
Printed Name: J. P. SHAHEEN							Title:	ラスタ Title: 3UPERVISOR DISTRICT #3						
								<u> </u>						
Title: SENIOR BUSINESS ANALYST						Approva	Approval Date: SEP 2 7 1995							
Date: 9/27/95			Phone: (5	05) 326-94		3EK 6 (1999								
								-				<u></u>		

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

DISTRICE II P.O. Drawer DD, Antesia, NM 88210 OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION

I	TOTHANSPORT	OIL AND NATURAL GAS	THE AMERICA
Operator	tion Co		Well API No.
Amoco Produc			
Reason(s) for Filing (Check proper box)	Street, Farmin	19ton NM 8.	14 EVECENTARIA
New Well	Change in Transporter of		
Recompletion	Oil Dry Gas	Effective 4-1-8	APR 2 4 1989
Change in Operator If change of operator give name	Casinghead Gas Condensate	KI	
and address of previous operator	4	No. of	OIL CONSERVATION DIV.
II. DESCRIPTION OF WELL Lease Name		all all a Plantage	
Callegos Canyon U	1	ncluding Funnation Dakota	Kind of Lease No. State, Federal or Fee 9200844
Unit Letter	: 1450 Feet From Th	e _ S _ Line and _ 2120	Feet From The E Line
Section & Townshi	ip 28 N Range	MIMM, W SI	an Juan County
III. DESIGNATION OF TRAN			
Name of Authorized Transporter of Oil	or Condensate		pproved copy of this form is to be sent)
Name of Authorized Transporter of Casin	ghead Gas or Dry Gas f	Address (Give address to which a	pproved copy of this form is to be sent)
El Paso Natural (If well produces oil or liquids,		Caller Service 490	10, Farmington NM 87499
give location of tanks.	Unit	Rge. Is gas actually connected?	When ?
If this production is commingled with that IV. COMPLETION DATA		mingling order number:	
Designate Type of Completion	- (X) Oil Well Gas W	ell New Well Workover D	eepen 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
			•
HOLE SIZE	CASING & TUBING SIZE	ND CEMENTING RECORD DEPTH SET	SACKS CEMENT
11028 0121	Onding Country of the		
V. TEST DATA AND REQUE			
OIL WELL (Test must be after to Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump,)	
			FM
Length of Test	Tubing Pressure	Castle Cressure	Choke Size
Actual Prod. During Test	Oil - Ubls.	Water - IIbiAPR 1 7 1989	Gas- MCP
		OIL CON. D	 V
GAS WELL [Actual Prod. Test - MCF/D]	Length of fest	Bbls. Condensate MMCF	•
Actual Prod. 16st - MC17D	reagn or test	Bois. Condensate/MMC1	Gravity of Condensate
l'esting Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size,
VI. OPERATOR CERTIFIC I hereby certify that the rules and regul		OIL CONS	ERVATION DIVISION
Division have been complied with and	that the information given above		
is true and complete to the best of my	knowledge and belief.	Date Approved	APR 17 1989
335 ha	لمه		A
Signature B.D. Shaw	NJ. S		But Chang
Printed Name	Adm. Supr. 71116	Title	SUPERVISION DISTRICT # 3
Date (1303)	2057 3-10 - 8891 Telephone No.	→	

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 motivate

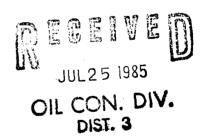
Form 3160-5 (November 1983) (Formerly 9-331)	DEPARTME	NITED STAT	INTERIOR	SUBMIT IN TRIPLI (Other instructions verse side)	00 14	Budget Bureau Expires August	31, 1985
SUNI	DRY NOTICE	OF LAND MAN	PORIS ON	WELLS V.F	j	F - 078109	OR TRIBE NAME
OIL GAS WELL [ON FOR PERMIT		EP 27 1985	7. G		anyon Unit
2. HAME OF OFERATOR AMOCO P	roduction	Co.	BUREAU	OF LAND MANAGEME	NT.	ARM OR LEASE HAN	(E
501 Air	port location clear!	e, Farmir	ngton, N	M -87401	<u> </u>	213	R WILDCAT
See also space 17 below At surface 1450	FSL x 23	370' FEL	(0)	Af 1985 H	11.	Basin Dake BOC, T. R. M. OR B BURYEY OR AREA /NE Sec 8	ILK. AND
I4, PERMIT NO.		5. ELEVATIONS (Sho		1. 2.03 1.03 in. etc.)	"	courty of Parise	New Mexic
6.	Check Appro	priate Box To I	ndicate Natur	e of Notice, Report	, or Other	Data	
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIES REPAIR WELL (Other) 7. DESCRIBE PROPOSED OR CO	MULT ABAN CHAN	OR ALTER CASING IPLE COMPLETE DON* GE PLANS	all pertinent deta	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIE!! (Other) (Note: Report Completion or F	results of mitecompletion	ALTERING C. ABANDONMEN altiple completion Report and Log for	on Well rm.) e of starting any
well is 6 sand fill	244' and to 6213	plugback . Press	depth is ure teste	on 8-15-85 6213'. C1 ed casing to Released the	eaned 1000	out 10' o psi. Lan	f ded
						EGE!	
						OIL CON DIST.	
I hereby certify that the	foregoing is true		- ···- ···			ACCEPTED F	OD DECORD
SIGNED	Jaws	TIT	rue Distri	ct Adm. Sup	erviso	ACCEPTED9E	AR REFORD
(This space for Federal o	r State office use)		of to	= -		0000	4 1985
CONDITIONS OF APPRO	VAL, LF ANY:	m	TLE			FAKIMING LUN F	RESUUNUE AREA

*See Instructions on Reverse Side

	UNITED STATES PARTMENT OF THE INTER BUREAU OF LAND MANAGEME	. /	5. LEASE DESIGNATION AN SF-078109	, 1985 D BERIAL NO.	
SUNDRY (Do not use this form for Use "A	6. IF INDIAN, ALLOTTER O				
our Cas	• •	4 0 100E			
WELL WELL A OT	LNS	"UL 1 8 1985	Gallegos Can	you out	
	duction Co.	OF LAND MANAGEMENT	0		
. ADDRESS OF OPERATOR	FARMIN	IGTON RESOURCE AREA	O. WELL NO.		
501 Airpor	rt Drive, Farmington	N M 8.7401	213		
. LOCATION OF WELL (Report loc	cation clearly and to accordance with an	r State requirements.	10. FIELD AND POOL, OR WILDCAT		
See also space 17 below.) At surface		The state of the s	Basin Dakota		
1450' FSL	11. SEC., T., B., M., OR BEN. AND BURYAT OF ABIA NW/NE Sec 8, T28N, R1				
4. PERMIT NO.	15. ELEVATIONS (Show whether	and the second s	NW/NE Sec 8,		
T. EDAMIA NV.	5676 GR	CAS CONTAINS	San Juan	NM	
Chec	ck Appropriate Box To Indicate	Nature of Notice, Report, or (Other Data		
NOTION OF	CT KOITMETRE	presur	TROTROPER TREE		
TEST WATER SHOT-OFF	PULL OR ALTER CASING	THE SHOTOFF	REPAIRING WEL	T	
FRACTURE TREAT	MULTIPLE COMPLETS	FRACTUSE TREATMENT	AUTERING CASIS	NO	
SHOOT OR ACCOUNT	ABANDON®	SHOOTING OR ACIDIZING	*THEKROOKABA		
REPAIR WELF	CHANGE PLANS	(Other)			
(O(n, c))		(Note: Report results Completion of Recomp	of multiple completion ou letion Report and Log form.	Well	
i obsem of property galcoyinger	tro overations (Clearly state all perting directionally drilled, give subsurface loc	out details, and give pertinent dates sations and measured and true vertic	including estimated date of depths for all markers at	f starting any of somes perci-	

3

Amoco Production Co. requests permission to repair the above referenced well according to the attached procedure.



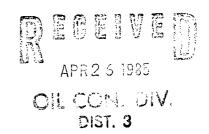
	APPROVED
SIGNED TITLE Adm. Supervisor	DATE 7-16-85
(This space for Federal or State office use) APPROVED BY	JUL 22 1985
*See Instructions on Reverse Side	FARMINGTON RESOURCE AREA

FARMINGTON DISTRICT WORKOVER

		DATE: 7/8/	25
OPERATIONS TO BE PERFORMED: (CIRCLE ONE)	RECOMPLETION	OFDATO :	Envice
LEASE AND WELL GCU 213	FIELD Basio		建铁 医自己病
FCGMATION _ Dakota	100s T /	1.	
LOCATION SE/4, Se 8, TORN, RIDW	C T TO	CTION LDG	
COMF. DATE 3/66 EL: 5688' KB	The Court	wty, NM	
CSG: 4.1/2 " 10.5 " 0 6244 ': 8	10: <u>6244</u>	_ PBD: <u>62</u>	<u>/3</u>
COMP. INT. 6066-6/68 IF 3849 MCEX	0016 5711 0016	0	358
IF 3849 MCFD	ORIG. STIM. 876	40 galsk	£0000°
PURPOSE: Repair Casing Leak	CURRENT PROD. INT	· Same	
24		1.47	
WPERMITTING DESK	ENGR DEE	W JT	DEALS.
RGH TWE BVD	M. 4 1		
WELLEGRE SKETCH FR	Note: Wo	rk well his	ot! Formation water.
1. MIRUSU.		;	
441 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	male - i	. D.//	3/"
2. TOH with r	ous and pump	3. FU 6	- 18 Elog
and tag fil	1. ICH WITH	J-18 26	·9 ·
3. TIH with Bit	, pocker and	2 % 7	6g. It BA
at 6000. L	pod hole wit	h 2% KC	1. Set
packer at 5	950'. Pressur	e test	BP and
tubing to 10	200 psi. Pres	sure tes	t bockside
100 psi.	If casing w	ill not	hold amessure
TOCATE HOTE WIT	th packer. /	Hole will	pro606/4
be of 3100-4	300'. Squeeze	with 50) SX Class R
6000 4. Drill out ceme	nt and pres	sure tes	+ 55 400 30
1 1 20 1000 ps; Re	etrieve BP at	6000	THE
they am TIH will	th pump on	d cods	land
PBA-WI3' the pump, and	rods whose	· the	2000
before.	Car Car		Jere Tanowa
	he		
DISTRICT MANAGER ADJA	· ·	્રાં વે,	
DISTRICT ENGINEER THE ATTENTION		die. •••	
DISTRICT FOREMAN		- :1	
	78-7751		1
DATE			
ENGSPE		EKG	-40

		4.	/ 1870 L	74, 1	
Form 3160-5 (November 1983) (Formerly 9-331)	UNITED STA DEPARTMENT OF TH BUREAU OF LAND MA	IE INTERIOR	SUBMIT IN TRIPLICAT (Other instructions on yerse side)	Evoires Augus	No. 1004-0135
			WELL C	6. IF INDIAN, ALLOTTI	BE OR TRIBE HAME
	DRY NOTICES AND R form for proposals to drill or to d use "APPLICATION FOR PERMI"	eepen or plug back t	o a different reservoir.		
1.		Cas	MONORMAN	7. UNIT AGREEMENT N	AME
METF ABT	ARRITO K	f = 14.5	THE THE TANK IN	Gallegos Ca	
2. NAME OF OPERATOR AMOCO Produ	action Co.	Francisco	MAY - 5 1005	8. FARM OR LEASE NA	ME
3. ADDRESS OF OPERATOR			300	9. WELL NO.	
501 Airport	- Drive. Farmingto	n. N. W.L. OST	VARIVATION DI	213	
4. LOCATION OF WELL (R	Drive, Farmingto	ance with any State	requirements. DIVISIO	10. FIELD AND POOL, O	B WILDCAT
At surface		ハヒ	CETT	Basin Dako	ta
•	1450' FSL x 2370'	FEL	LIVED	11. SEC., T., R., M., OR .	BLE, AND
		EUREAU OF	1 1000	NW/NE Sec 8	
14. PERMIT NO.	15. BLEVATIONS (S	5676 GR	MANAGEMENT	San Juan	NM
16.	Check Appropriate Box To			Other Data	
N	OTICE OF INTENTION TO:	1	BURGE	QUENT REPORT OF:	
TEST WATER SHUT-OF	FULL OR ALTER CASIN	vo []	WATER SHUT-OFF	REPAIRING	WELL
PRACTURE TREAT	MULTIPLE COMPLETE		PRACTURE TREATMENT	ALTERING C.	ABING
SHOOT OR ACIDIZE	ABANDON*		Repair	ABANDONME	X X
REPAIR WELL	CHANGE PLANS		(Other)	s of multiple completion	
(Other)			Completion or Recom	pletion Report and Log for	rm.)
17. DESCRIBE PROPOSED OR proposed work. If nent to this work.) *	COMPLETED OPERATIONS (Clearly stawell is directionally drilled, give an	te all pertinent deta ubsurface locations a	ils, and give pertinent date nd measured and true verti	i, including estimated dat cal depths for all markers	e of starting any i and zones perti-
Moved in ar	nd rigged up servi	ce unit on	3/21/85. To	tal depth of	
the well is	6244' and plugba	ick depth_i	s 6213'. Clea	aned 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.



8. I hereby certify man the forceoing is true and SIGNED	TITLE Adm. Supervisor	4/22/85
(This space for Federal or State office use)		AUGEPTED FOR NECOND
APPROVED BY	TITLE	APR 2 1 1935
	*See Instructions on Reverse Side NMOCC	FARMINGTUN ASSULUZ AREA

STATE OF NEW MEXICO ENERGY MO MINERALS DEPARTMENT

018791007.1	0 M	
LAWFA FE		
FILE		
V.1.G.4.		
LANG GFFICE		
TRANSPORTER	016	
	GAR	
OPERATOR		
PROMATION OF	HC E	

ENERGY NO MINERALS DEPARTMENT	Form C-194
10. 10 (0010 1000)	Revised 10-01-75 Format 06-01-83
OIL CONSERV	ATION DIVISION - Page 1
P. O. 80	JX 2088
	W MEXICO 87501
LANG GPPICE	The same of the sa
TRANSPORTER	RALLOWABLE / 1 150 Triper 111
OGGRATOR	ND COMMODE
PROPERTION OFFICE	PORT OIL AND NATURAL GAS
I.	CONTROL DIVISION
Amoco Production Company	· · · · · · · · · · · · · · · · · · ·
Address	
501 Airport Drive Farmington, NM 87401	•
Resem(s) for liling (Check proper box)	Ciher (Pleaze explain)
New West Change in Transporter of:	-
Recompletion Oil O	ey Gas
Change in Ownership. Casinghead Gas. Co	ondenstre
If change of aumership give name	•
and address of previous owner	
II. DESCRIPTION OF WELL AND LEASE	
Crese Name Well No. Pool Name, Including F	
Galligos Canyon Unit 213 Basin Dakota	State, Federal or Fee Indual 92000844
Location	2/20
Unite Lenter J: 1450 Feet From The South Lin	ne and _2370 Feet From The _ECISE
Line of Section 8 Township 28N Range /	2W, NMPM, San Juan County
,	
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL Name at Authorized Transporter of Cit are Condensate	
Permian Corp.	P. O. Box 1702 Farmington, NM 87499
Name of Authorized Transporter of Castinghead Gas or Dry Gas	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	P. O. Box 990 Farmington, NM 87401
'Hall Sec Twa 'Bee	is gas actually connected? When
If well produces all or liquids, give location of tanes. J 8 28N 12W	I 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.	
	CU CONCERVATION ON TOTAL
VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
I hereby terrify that the rules and regulations of the Oil Conservation Division have	APPROVED NAN 3 1700
been complied with and that the information given is true and complete to the best of	
my knowledge and belief.	BY Drahame
	TITLE SUPERIOR NAME OF THE PROPERTY OF THE PRO
$O \land C I$	POCHAISON DISTRICT (9)
15/22nm.	This form is to be filed in compliance with RULE 1104.
(Signature of the file	If this is a request for allowable for a newly drilled or despensed well, this form must be accompanied by a tabulation of the deviation
Admin. Supervisor &	tests taken on the well in accordance with Aug 111.
(Tule)	All sections of this form must be filled out completely for allow- able on new and recompleted wells.
1-2-85 JAN 0 47)	
6 (D.C.) V 5 1- 73 73	Fill out only Sections I. II. IV and VI for changes of owners
1985 III	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.

			•	
	NO. OF COFIES RECEIVED			
	DISTRIBUTION	NEW MEXICO OU. C	CONSERVATION COMMISSION	
	SANTA FE /		FOR ALLOWABLE	Form C-Y04 Supersedes Old C-104 and C-11
	FILE	The Marian	AND	Effective 1-1-65
	U.S.G.S.	AUTHORIZATION TO TRA	ANSPORT OIL AND NATURAL (GAS
	LAND OFFICE	History		
	TRANSPORTER OIL / GAS /			
	OPERATOR .		Mff. 8-1-71,	
1	PRORATION OFFICE	.	an American Petro. Corp.	
	Operator		as changed its name to	
	PAN AMERICAN PET	ROLEUM CORPORATION	AMOCO PROD. CO.	
		ilding - Denver, Colorad	o 80202	
	Reason(s) for filing (Check proper box	- · · · · · · · · · · · · · · · · · · ·	Other (Please explain)	
	New Well 🛴 🗶	Change in Transporter of:		
	Recompletion	Oil Dry Go	ıs 🔲	
	Change in Ownership	Casinghead Gas Conde	nsate	
	If change of ownership give name			
	and address of previous owner			
**	DESCRIPTION OF HITT AND	1 E 4 C E		
11.	DESCRIPTION OF WELL AND Lease Name		me, Including Formation	Kind of Lease
	Gallegos Canyon Unit	213 Ba	sin Dakota	State, Federal or Fee Federal
	Location			
	Unit Letter J ; 14	50 Feet From The South Lin	ne and 2370 Feet From	The East
			10	_
	Line of Section 8 To	wnship 28N Range	12W , NMPM, Sa	n Juan County
III	DESIGNATION OF TRANSPOR	TER OF OIL AND NATURAL GA	is.	
****	Name of Authorized Transporter of Oi		Address (Give address to which appro	ved copy of this form is to be sent)
	Plateau Inc.		Box 108, Farmington,	New Mexico
	Name of Authorized Transporter of Ca	singhead Gas 🔲 or Dry Gas 🕱	Address (Give address to which appro	• • • • • • • • • • • • • • • • • • • •
	El Paso Natural Gas C		Box 990, Farmington,	
	If well produces oil or liquids,	Unit Sec. Twp. Rge. 8 28N 12W	Is gas actually connected? Wh	en 🛷
	give location of tanks.	0 20N 12W	No	
	If this production is commingled with COMPLETION DATA	th that from any other lease or pool,	give commingling order number:	
17.		Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.
	Designate Type of Completi	on $-(X)$	X	
	Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	1/29/66	2/23/66 Name of Producing Formation	6244 Top Oil/Gas Pay	6213 Tubing Depth
	Elevations (DF, RKB, RT, GR, etc.) 5688 RDB, 5676 GR	Dakota	6066	6098
	Perforations	Dakota		Depth Casing Shoe
		6138-6148, 6158-6168		6244
		TUBING, CASING, AND	D 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 F	OR ALLOWARLE (Test must be a	ifter recovery of total volume of load oil	and must be equal to or exceed top allow
••	OIL WELL	able for this de	epth or be for full 24 hours)	
	Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas li	ft, etc.)
	I as ab I made	Tubing Pressure	Casing Pressure	Choke fizeRLULIVED
	Length of Test	I ubing Pressure	Cdamy Prasame	Choice had a second
	Actual Prod. During Test	Oil-Bbls.	Water - Bbls.	Gas-NCF MAR 1 4 1966
	_		·	OIL CON COM.
	'			DIST. 3
	GAS WELL			
	Actual Prod. Test-MCF/D 3261	Length of Test 3 hrs	Bbls. Condensate/MMCF	Gravity of Condensate
	Testing Method (pitot, back pr.)	Tubing Pressure	Casing Pressure	Choke Size
	Back Pressure	264	875	3/4"
VI.	CERTIFICATE OF COMPLIAN	CE	OIL CONSERVA	ATION COMMISSION
		,		
	I hereby certify that the rules and	regulations of the Oil Conservation	APPROVED MAR 14 1966	, 19
	Commission have been complied above is true and complete to th	with and that the information given e best of my knowledge and belief.	BY Church	vef
		<u> </u>		u 6
		\.	TITLE Supervisor Dist.	F 43

(Signature)
Administrative Assistant

(Title)

(Date)

March 8, 1966

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.

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.

	UNITED STATES			(See other in		Budget	Bureau No. 42-R355.5.
•	DEPARTMENT OF THE	MTERIO)R	structions of reverse side	n 5 7 7 1 1 1 1	SIGNAT	TION AND SERIAL NO.
	GEÓLOGICAL SURV	EY ·		Teverbe bide.	l .	07810	ng "
	MAN OF ME	×			6. IF INDIA	, ALLO	OTTEE OR TRIBE NAME
WELL CO	MPLETION OR RECOMPLETION	A REPOR	TAN	D LOG*_			*
ia. TYPE OF WE	LL: OH, GAS T			TIVED	UNIT AGE	EEMEN.	T NAME
b. TYPE OF COL	WELL WELL DRY L	Other			Cal	1000	s Canyon Unit
	WORK DEEP- PLUG DIFF.	<u>-</u> ۲			FARM OR		
· WELL X	OVER L EN L BACK L RESVR.	. Other	MAR 1	I 4 1966	_ I FARM ON	шилы	
2. NAME OF OPERA	3° ° 4						
	ERICAN PETROLEUM CORPORATION	<u>:- </u>			. WELL NO		••
3. ADDRESS OF OPP	<i>Pr</i>		GEOLOG	GICAL SURVEY ON, N. M.			13
	ty Life Buildinge-Denver, Col				i		L, OR WILDCAT
	LL (Report location clearly and in accordance with	any State re	quiremen	ts) *	Basin		
At surface 12	450 FSL. 2370 FEL Sec & NWONE				11. SEC., T., OR AREA		OR BLOCK AND SURVEY
At top prod. in	terval reported below 2 3 5 5 2 2 5 5	6. 17			OK AKDA		
	Control topottom bottomy the Control to the Control to	•			Sec 8	3 T28	8N, R12W
At total depth	0 C						
	14. PERMIT	NO.	DATE	ISSUED	12. COUNTY	OR	13. STATE
			1.		San Ju	an	New Mexico
15. DATE SPUDDED	16. DATE T.D. REACHED 117, DATE COMPL. (Reac	dy to prod.)	18 ET.EV	ATIONS (DF, RKB			ELEV. CASINGHEAD
1/29/36	2/6/66 2/23/66			RDB, 5676			
20. TOTAL DEPTH, MD		MULTIPLE COM		23. INTERVALS	ROTARY TOO	LS.	· CABLE TOOLS
6244	6213	W MANY*		DRILLED BY	. Surface	- ,	1
	RVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAM	E. (MD AND DN	n*		6244	1 2!	5. WAS DIRECTIONAL
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		<i>D</i>) ·			. -	SURVEY MADE
6066-	6078, 6138-6148, 6158-6158 Dak					.	No
	The state of the s	C. G.				·	
	AND OTHER LOGS RUN C 1 1 C 1					21. W	VAS WELL CORED
IES, (GRS - From this property of the	. <u>,</u>					No
28.	CASING RECORD (ings set ir				·
CASING SIZE		HOLE SIZE		CEMENTING	RECORD		AMOUNT PULLED
: 8 5/8"	(24# ()) 358 () ()	12 1/4"	200) sacks			None
4 1/2"	-10.5# ₂ 6244	· 7 7/8 ¹¹	500) sacks -	lst stage		None
		f :	1000) sacks -	2nd stage	·	
				stage to	ol at 436	i	·
29.	LINER RECORD of the Co. C.	1 7	1	30.	TUBING REC	ORD	
SIZZ	TOP (MD) BOTTOM (MD) SACKS CEMEN	T* SCREEN	(MD)	SIZE	DEPTH SET (M	(0)	PACKER SET (MD)
				2 3/8"	6098		
i	To the house to be to be to						
31. PERFORATION RE	cond (Interval, size and number)	32.	AC	ID, SHOT, FRAC	TURE CEMEN	T SOU	EEZE ETC.
		`	INTERVAL		MOUNT AND KIN		
		·					
6011 70	(100 / C COTEC (0) - 2		38 - 616		gal 7 1/3	2% ac	
0000-78, °	6138-45, 6158-68 with 4 shots/		66 60		gal sand		
	ခြောင်းသို့ မြို့မြို့မြို့ မြို့မြို့ မြို့မြို့မြို့များကို မြို့များကို ျားကိုများကိများကိုများကိမ	60	66-607	ro 50,0	00 sand		
33.°	7 7 7 C H W C M W P	PODIIOMICE					·
DATE FIRST PRODUCT	and the control of th		ize and to	une of numn)	l writ	STATI	S (Producing or
2/23/66	Flowing & Color	-, ppy8	unti bi	po or paneps	shi	ıt-in)	hut-in
DATE OF TEST		B OU BB	-	a.c. wan			
3/2/66	HOURS TESTED CHOKE SIZE PROD'N. FO			GAS—MCF. 408	WATER-BB		GAS-OIL RATIO
FLOW. TUBING PRESS.		<u>- 1 </u>		<u> </u>	100	μ	
	CASING PRESSURE CALCULATED OIL—BBL.		sмсғ. 3261	WATER	-BBL.	644	RAVITY API (CORR.)
264		1 1 2	3261		KLI	١٦٠,	, - 1
	CAS (Sold, used for fucl, vented, etc.)				TEST WITNE	SSED B	7 COM.
	Id to El Paso Natural Gas Co.	12.			AM	g_{I3}	N. COM.
35. LIST OF ATTACH	a contact to the factor of the				•	~/ \	17:
				Č	/ OIL	, C.E	T. 3
36. I hereby certify	that the foregoing and attached information is c	omplete and c	orrect as	determined from	a all avangole	redords	
	D. I. TOLLEFSON TITLE	(Adminis	trati	ve Assista	ent	প্র	rch 8, 1966
SIGNED	TITLE				DATE	E	,

NSTRUCTIONS

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 agestor bitly pursuant to applicable Federal and/or State laws and regulations. Anymerossary special instructions concerning the use of this form and the new or both pursuant to applicable Enderal and/or State laws and regulations. Anymecassary 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 Endered See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. Astronia opens a roll

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

or Federal office for specific instructions. Et It there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult joint State

for each additional interval to be separately produced, showing the additional data pertinent to such interval New 25: "Sacks Coment": Attached supplemental records for this well should show the details of any multiple nterval, or intervals, top(s), bottom(s) and mame(s) them 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

The conditional of the completed for separate production from more than one interval zone (multiple completion), so state in item 29, and in item 24 show the producing interval of interval to the completion. Attached supplemental records for this well should show the details of any multiple stage cessenting and the location of the cementing tool (if any) for only the interval reported in Item 33. I Submit a separate report (page) on this form, adequately identified

33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

GCU #213

sand and 10,000 4 shots/ft. Fraced with 32,610 gal water treated as above with 20,000 lbs 20-40 spotted 500 gal 4361. Cemented at 50 Bbls/min. Fraced with 49030 gal water treated as above with 40,000 lbs 20-40 sand and 10,000 Displaced casing with water containing .8% KCL with 2 1/2 lbs FR-8 per 1000 gal 6% gel and 2 lbs tuf plug per sack. temperature survey indicated cement top at 800' 2% cac1. 250 PSI increas followed by 400 Drilled to 358. Supplementary well history 37. SUMMANY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTEXTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLEDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES rate of $3261 \, \mathrm{MC}$ 10-20 sand. Breakdown pressure 1900. jected 50 ball scalers in two batches of 25 each with no action on first 25 and DST's taken on this well FORMATION Drilled to TD 624/4. Set 4 $1/\sqrt{2}$ " 10.5# casing at 6244 with stage tool at 序/day through a 3/4" c e on last 25. Set bridge plug at 6110. Perforated 6066-78 with 1bs 10-20 sand. Breakdown pressure 3100. Treating pressure 3500 Drilled out and cleaned out to PBD 6213. on 3/2/66 well flowed as with 400 eacks type 'C" with 6% gel and 2 lbs tuf plug per sack sacks "C" 7 1/2% acid. Perforated 6158-68 and 6138-48 with 4 shots/ft. cemented 8 TOP neat. Cemented second stage with 1000 sacks type "C" with 5/8" 24# casing at 358 with 200 sacks type "A" with BOTTOM Treating pressure 2900 at 71 Bbls/min. hoke. TPF 264. CPF 875. DESCRIPTION, CONTENTS, ETC In-လ (၇ the 1bs HAME Graheros Base Gallu Mancos Main Dakota Greneros Greenhorn Gallup 🐇 Mesaverde Pictured Lewis Sha Foe tobe GEOLOGIC MARKERS 30216 2000 CO liffs MBAS, DEITH 425 1530 5600 515 3290 i Sign TOF on To OFFICE

7

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TABULATION OF DEVIATION TESTS

MAIN OFFICE OCC

PAN AMERICAN PETROLEUM CORPORATION

Gallegos Canyon Unit Well #213

				V0	
MAR	17	PH	1	26 DEPTH	DEVIATION
				358	1/2 ⁰
				869	3/4 ⁰
				1367	1 0
				1744	3/4°
				2625	1 0
				3065	1 0
				3409	1 1/4°
				4036	1 0
				4536	3/4 ⁰
				5007	1/2°
				5347	1 1/2°
				5808	1 0

AFFIDAVIT

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, Rl2W, San Juan County, New Mexico

Signed Administrative Assistant

THE	STA	ATE	OF	COLOR	ADO)	
					.)	SS.
COUN	YT	OF	DE	VER)	

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.

Notary Public

My Commission Expires:

MAR 1 4 1966 OIL CON. COM.

HIST.

•	· 00	Z	
	ŏ		
Form 23-55(1-56)	O E	PA	
•	<u>u</u> .	26	OIL CONSERVATION COMMISSION
	0 <u>≅</u>	MAY	BOX 697
	Z A	99,	120 EAST CHACO

CE OF GAS CONNECTION		
	DATE	ay 24, 1966
•		
IS TO NOTIFY THE OIL CONSERVATION	COMMISSION THAT CONNE	CTION FOR THE PURCHASE OF GAS
Pan American	Potavioum Cornovati	on
	Petroleum Corporation OPERATOR	
College Comments that Acres	日中 林	82810
Gallegos Cenvon Unit #213	WELL UNIT	8-28-12 S-T-R
Resin Teirote	El Pego No	hiral das Comeny
Basin Dakota POOL	N.A	tural das Company Ame of purchaser
MADE ON MAY 13. 1966	, FIRST DELIVERY	May 17, 1966
MADE ON May 13, 1966 DATE	, ritti Dedivetti —	DATE
- Markon 2 261		
Choke 3,261 ACF 3,849 NITIAL POTENTIAL		
NITIAL POTENTIAL		
· - N		•
	El Paso	Satural Gas Company
	PURCHASER	
		Original Signed By W.M. Rodgers
	REPRESENT	ATIVE
	Chief Di	spatcher
	•	
TO OPERATOR Denver and Farming	ion.	
OIL CONSERVATION COMMISSION - SANTA FE		

AZTEC, NEW MEXICO

FILE

5-26-66-1

Corrected Form approved. Budget Bureau No. 42-R1425.

UNITED STATES UNITED STATES (Other instructions on reverse side) DEPARTMENT OF THEAINTORFORE OCC

		-			(3	
5.	LEASE	DESI	NATIO	JAND	SERIAL	NO.
	ć.	SF	078.	109	SERIAL	
Ţ,	:-	1	- 7			

	GEOLO	GICAL SURV	EY			-	25 0/01		
APPLICATION	Y FOR PERMIT	TO DRILL	DEEP	5N, OR PLUCE B	ACK	6. IF IN	DIAN, ALLOTTE	E OB TRIBE	MAME
1a. TYPE OF WORK DRI b. TYPE OF WELL	LL Ğ	DEEPEN		PLUG BAC	ж 🗆 "	7. UNIT	AGREEMENT egos Car	nyon Un	ít
OIL G	AS A OTHER			INGLE MULTIPE	· 🗖 🖺	S. FARM	OR LEASE NA	MB	
2. NAME OF OPERATOR		ADIMION	-			A Ka	<u> </u>	27 42 27 42 27 43	
	PETROLEUM CORE	PORATION			= = = = = = = = = = = = = = = = = = = =	9. WELL	No. 213	# # # # # #	
	0, Farmington,					10. FIEL	D AND POOL,	OR WILDCAT	,
4. LOCATION OF WELL (R At surface 1450	eport location clearly and FSL and 21201		th any	State requirements.*)	5	<u> 3 % T</u>	T., R., M., OR		
At proposed prod. zon	6370				910	M1/4	NE/4 Sed	REGion 8	•
Same					3.	T-28-	N, R-12	-W	•
	heast of Farmin		Hexic	20	search	San	Juan	New M	exico
15. DISTANCE FROM PROPO LOCATION TO NEAREST PROPERTY OR LEASE I (Also to nearest drig	r INE, FT. g. unit line, if any)	B00 '	l	0. OF ACRES IN LEASE 43,146.62	1 ::		354.1		
18. DISTANCE FROM PROP TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED.	None	19. P	6400 to 6400 t	20. BOTA	BY OR CAB	LE TOOKS TA	ry	
21. ELEVATIONS (Show who To be repor					4-500 4-500 4-504	22. AP	PROX. DATE W	4°, 1968	FART*
23.]	PROPOSED CASI	NG AN	D CEMENTING PROGRA	м	10 Hz	η (δ 1) (δ	· ·	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	TOOT	SETTING DEPTH	200		TITY OF CEME	NT	 .
12-1/4"	8-5/8"	24‡ 10.5∜	.	350 6400 b		sacks	(Two st	soe tor	:: sirant
7-7/8"	4-1/2**	10.38	•	0400	100	below	base of	_	A CONTRACTOR
			*			8 25	ð 45	7.2.3 7.2.3	
					Berna Berna		Arma Fig.	B 50	
Completion :	vill-1-be determi	ned upon zo	sehi:	ng total depth.	higo Salah	er er er er er er er er er er er er er e		製造	
Copies of lo		e attached.		on-Standard Unit	t - App	proved	by NMOO	C Order	in w
Copies of an	y logs run wil	1 be furnis	hed	upon completion	of we	ii. 🦂		KLLI	
					3			ing and a	
		•			sies			W/N 7	1000
					ğ	988 1888 1888		CON	1966 -
					<u></u> }.	\$ <u>6</u> 2		1187	COM.
Verbally ap	proved Decembe	r 29, 1965,	, R.	B. Krahl to F.	H. Holi	lingsw	ortn. 🦎		3 /
					124 12			1 A 2 A 3 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4 A 4	The state of the s
1				•	\$	<u> </u>			
	drill or deepen directions	ally, give pertinen		plug back, give data on pr on subsurface locations an					
24.	G. W. Eaton, Jr.				r 5				
SIGNEDG.	W. Eaton, Jr.	T I	TLE	Area Enginee	r g	<u>₩</u> :	Dece	mber 29	1, 1965
	ral or State office use)				rag	- 6 Y	14 74 F	erii S	
PERMIT NO.				APPROVAL DATE	<u>ှိ</u>	1 2 X		생활력	
					}} 2-≱	년 22 년 2000년 1000년		8 4	
APPROVED BY	AT THANG.	TI	rle		<u>a</u>			한성목 목표리	
CONDITIONS OF APPROV	au, W ANI ;					T ani	do ed Siegas	5 3	
						π. :	ಶ ಜ ಜ್ಞೆ	מנ	

*See Instructions On Reverse Side

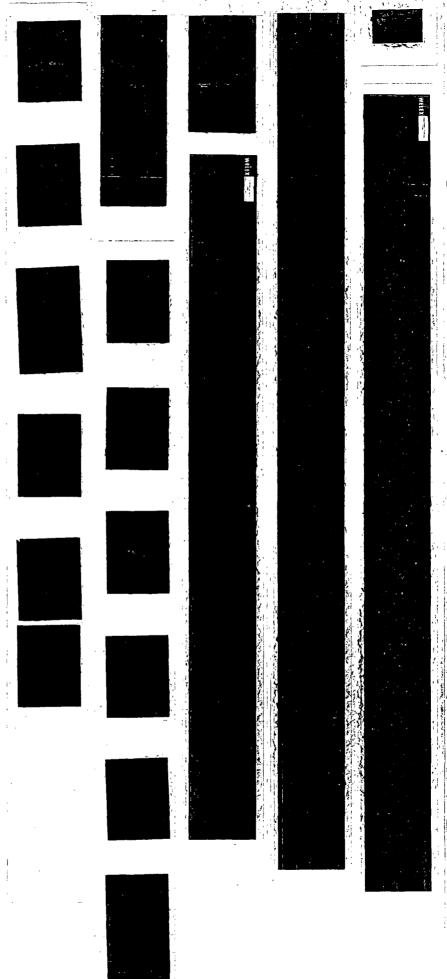
- Ark

Operator Well No. 213 Gallegos Canvon Unit Pan American Petroleum Corporation Unit Lotter 8 22san Juan 28 North Actual Footage Location of Wells East 1450 2370 South faet from the line and Cround Lavel Elov: Producing Formation Dadicated Acreage: Report Later Basin Dakota 354.12 Agres 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 lesse of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? Unitization X Yes If answer is "yes;" type of consolidation. No 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 Commis-CERTIFICATION I hereby certify that the information contained herein is true and complete to the knowledge and belief. 28.35 28.5 28.6 28.45 28.52 2370 Sed Name W. Eaton Position 80.0 80.0 80.0 Area Engineer SF-078109 Company PAN AMERICAN PETROLEUM CORP Fractional sections: All of sec. 8 and E_2^1 of sec. 7, T-28-N, R-12-W January SCALE, 3 inches = 1 mile national displaced from Killing Volume 1 A R-1814 showed profile plat was plotted from field poles of actual suppoys mode trems or moder my supervision, and therein a came in true and correct to the bout of my king along and bellet. Alling ! N. ECHO, December 24, 1965 Registered Professional Engineer and/or Land Surveyor Certificate No.

Petroleum Information Corporation GEO-FICHE**

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

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



UNITED STATES

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

	EPARTMENT OF THE IN UREAU OF LAND MANAG			Budget Bureau No. 1004- Expires: March 31, 19	
SUNDRY	NOTICES AND REPOR	TS ON WELLS	RECEIVED BLM	5. Lease Designation and Serial No. NMSF-078109	
	APPLICATION FOR PERMIT " for s	•	99 MAY 24 PM 12	6. If Indian, Allottee or Tribe Name	
	M No. 2 8 199		070 FARMINGTON	7. If Unit or CA, Agreement Designation	
1. Type of Well Oil Well Gas Well Other 2. Name of Operator	ON CON. L	Attention:		8. Well Name and No. GALLEGOS CANYON UN	JIT 213E
AMOCO PRODUCTION COM	IPANY DIST. 3	Mary Corle	,	9. API Well No.	
3. Address and Telephone No.	<u> </u>	<u> </u>		30-045-26305	
P.O. BOX3092 HOUSTON, ,7	ΓX 77253	281	-366-4491	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description	ion)			BASIN FRUITLAND	COAL
930' FSL 480' F\	MI Sec. 8	T 28N R 12W	/ UNIT M	11. County or Parish, State	
	, <u>.</u>			San Juan	New Mexico
12. CHECK APPROPRIA	TE BOX(s) TO INDIC	CATE NATURI	OF NOTICE, REP	ORT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION		
Notice of Intent Subsequent Report Final Abandonment Notice		Abandonment Recompletion Plugging Back Casing Repair Altering Casing Gther	(Note: Report	Change of Plans New Construction Non-Routine Frecturing Water Shut-Off Conversion to Injection Dispose Water ssufts of multiple completion on Well Completion or Recomple	letion Report and Log form.
13. Describe Proposed or Completed Operations (Clearly state all p markers and zones pertinent to this work.)*	June 1 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	ı vertical depths for all

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 foregations take and correct Signed	Title	SR. BURINESS ANALYST	Date	05-21-1999
(This space for Federal or State office use) /S/ Duane W. Spencer Approved by Conditions of approval, if any:	Title	Team Lead, Petroleum Manageme	O ni. — Date	MAY 26 1999
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 fals	s, ficticious, or fraudulent statements or representations as to eny n	atter within its j	uisdiction.



GCU Well Work Procedure

GCU 213E

Date:

5/4/99

Objective:

Recomplete from Dakota to Fruitland Coal

Pertinent Information:

Location:

SW8-28N-12W

County:

San Juan

State:

New Mexico

Lease:

Well Flac: 84650901

Horizon:

Dak to FC

API #:

30-045-26305

Engr: Phone:

John Papageorge

1

W (281)366-5721 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 perfs if possible.
- 12. RDMO. Hook up to pumping unit and well head compressor.

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II 311 South First,, Artesia, NM 88210

DISTRICTIII

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

UNIT M

2040 South Pacheco, Sante Fe, NM 87505

8

28N

12W

अक्षरकरू पुरस्का है। इस्तर कराइन्स State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco Santa Fe, New Mexico 87505 RECEIVED BLM

Form C-102

Revised October 18, 1994

State Lease - 4 Copies Fee Lease - 3 Copies

San Juan

Submit to Appropriate District Office

99 MAY 24 PH 12: 57

480

WEST

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	0-045-26	305	Pool Code 7	1629	Pool Na	ime	ASIN FRUITLA		
Property Code 000570	0	Property Name		GALLEG	OS CANYON	N UNIT		Well Nur	nber 213E
OGRID No. 000778	8	Operator Name	Al	MOCO PR	ODUCTION (COMPANY		Elevation	5654'
		· · · · ·		Sui	face Loca	ation			
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County

930

SOUTH

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	::	Joint or Infill	Cons	solidation Code	Order No.				
273.87									•

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 informtion contained herein is true and complete to the best of my knowledge and belief
	Signature Auy Ouly Printed Name Position SR. BUSINESS ANALYST
	Date 05/21/1999
	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.
	02/08/1985
	Date of Survey
	Signature & Seal of Professional Surveyor
480'	FRED B. KERR, JR
928	Certificate No.
HOLD CTOM FOR NEL (S)	

District I PO Box 1980, Hobbs, NM 88241-1980 District II \$11 South First, Artesia, NM 88210 District III 1000 Rlo Brazos Rd., Aztec, NM 87410 District IV

State of New Mexico
Energy, Minerala & Natural Resources Department

Hold 6-104 For NSL (E) Form C-102 Revised October 18, 1994

Instructions on back

OIL CONSERVATION DIVISION ONSER Submit to Appropriate District Office

2040 South Pacheco

RESI VED

State Lease - 4 Copies

Santa Fe, NM 87505

OC DE 102 Fee Lease - 3 Copies

'96 NF: 27 AM 8-52

On File

3950

Certificate Number

notnet IV 040 South Pache	co, Santa F	e, NM 87505			`		6 UE 127			
		WE	LL LC	CATIO	N AND ACE	REAGE DEDI	CATION PI	LAT		
	API Numb	tr		1 Pool Coc	ie	:	Pool N	ame		
3004526	305			71629	В	asin Fruitla	nd Coal			
⁴ Property (Code		=		* Property	Name		Ī		Well Number
000570		Ga]	llegos	Canyon	Unit			ĺ	21	.3E
'OGRID	No.				1 Operator	*				' Elevation
000778		<i>E</i>	Amoco	Product	ion Company	·				5654
					10 Surface	Location ·				
UL or lot no.	Section	Towaship	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West	line	County
M	8	28N	12W	1	930	South	480	West		San Juan
			11 Bo	ttom Ho	le Location I	f Different Fro	om Surface	<u> </u>		······································
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West	line	County
		1								.
Dedicated Acr	" Joint	or Infill 10	Consolidati	on Code 15	Order No.	*				
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Form 3160-5 ON(June 1990), DIVISION RECEIVED

UNITED STATES DEPARTMENT OF THE INTERIOR CEIVED BUREAU OF LAND MANAGEMENT BLM

5	FC	ORM	API	PRC	VED	
Bud	lget	Bur	eau	No.	1004-	0135

	DEPARTMENT OF THE IN		Budget Bureau No. 1004-013
KED: (VEU	BUREAU OF LAND MANAC	GEMENT BLM	Expires: March 31, 1993
30 AM 8 52 SUND	ORY NOTICES AND REPOR	RT ON WELLS 96 SEP 9 PM 1: 34	5. Lease Designation and Serial No. NMSF-078109
Use "A	orm for proposals to drill or to deepen or ree	oposals.	6. If Indian, Allottee or Tribe Name
		070 FARMINGTON NM	
		Agricultural Company	7. If Unit or CA, Agreement Designation
			8. Well Name and No.
. Type of Well Gas Gas			:
Well X Well	Other		Gallegos Canyon Unit 213E
2. Name of Operator	Attention:		9. API Well No.
Amoco Production Company	Patty H	aefele	3004526305
3. Address and Telephone No.			10. Field and Pool, or Exploratory Area
P.O. Box 800, Denver, Color		30-4988	Basin Fruitland Coal
Location of Well (Footage, Sec., T., R., M.,	or Survey Description)		11. County or Parish, Stale
930' FSL & 480' FWL	Section 8	T28N R12W Unit M	San Juan, New Mexico
	PRIATE BOX(S) TO INDICATE NAT		, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ Abandonment	☐ Change	e of Plans
X Notice of Intent	□ Recompletion		onstruction
	☐ Plugging Back☐ Casing Repair	=	outine Fracturing Shut-off
Subsequent Report	☐ Altering Casing		sion to Injection
	Mar Letter date	ed 7/18/96 Dispose Water	
Final Abandonment Notice	<u> </u>		of multiple completion on Well Completion or
Describe Proposed or Completed work. If well is directionally drilled Amoco Production Company re	Operations (Clearly state all pertinent de d. give subsurface locations and measure quests permission to recomplete	(Note: Report results Recompletion Report Italis, and give pertinent dates, i Id and true vertical depths for all	ncluding estimated date of starting any prop markers and zones pertinent to this work.)*
Describe Proposed or Completed work. If well is directionally drilled Amoco Production Company reDakota per the attached procedure.	Operations (Clearly state all pertinent de d. give subsurface locations and measure quests permission to recomplete	(Note: Report results Recompletion Report Italis, and give pertinent dates, i Id and true vertical depths for all Italis well to the Fruitland (Imment sundry dated Februa	and Log Form.) ncluding estimated date of starting any proposes markers and zones pertinent to this work.)* Coal formation and to isolate the
13. Describe Proposed or Completed work. If well is directionally drilled Amoco Production Company reDakota per the attached proceduction Reference letter dated 7/18/96 14. Thereby certify that the foregoing is true a Signed Patty Ha	Operations (Clearly state all pertinent de d, give subsurface locations and measure equests permission to recomplete lure. and approved plug and abandonn	(Note: Report results Recompletion Report results Recompletion Report results retails, and give pertinent dates, it do and true vertical depths for all this well to the Fruitland (ment sundry dated February dated February retails) Title Staff Assistant	and Log Form.) ncluding estimated date of starting any proposition and to this work.)* Coal formation and to isolate the large of the
13. Describe Proposed or Completed work. If well is directionally drilled Amoco Production Company reDakota per the attached proced Reference letter dated 7/18/96 14. Thereby certify that the foregoing is true a Signed Party Ha	Operations (Clearly state all pertinent de d, give subsurface locations and measure equests permission to recomplete lure. and approved plug and abandonn	(Note: Report results Recompletion Report results, and give pertinent dates, it and true vertical depths for all this well to the Fruitland (ment sundry dated Februa	and Log Form.) Including estimated date of starting any proposed markers and zones pertinent to this work.)* Coal formation and to isolate the large of the large

Hold C-104 for N5 See Instructions on Reverse Side

PO Box 1980, Hobbs, NM 88241-1980

District II 811 South First, Artesia, NM 88210

1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco

Holfer NSC RECEIVED

Form C-102 Revised October 18, 1994

Instructions on back BLM Submit to Appropriate District Office State Lease - 4 Copies

96 SEP -9 PM 1:35 Fee Lease - 3 Copies

3950

070 FARMINGTON, NM Santa Fe, NM 87505 District IV 2040 South Pacheco, Santa Fe, NM 87505 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code 3004526305 71629 **Basin Fruitland Coal** Property Code Well Number Property Name 000 570 Gallegos Canyon Unit 213E OGRID No. Operator Name Elevation 000778 5654' **Amoco Production Company** ¹⁰ Surface Location Ul or lot no. Township Lot.Idn Feet from the East/West Line Section North/South Line Feet from the Range County M San Juan 12W 930 South 480 West 11 Bottom Hole Location If Different From Surface UI or lot no. Feet from the Range Lot.ldn North/South Line Section Feet from the East/West Line Township County 12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code Order Number 279/.87 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 OIL CON. DIV. Printed Name Staff Assistant Title 9/5/96 Date 18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 2/8/85 Date of Survey Signature and Seal of Professional Surveyer: On File Certificate Number

SJOET Well Work Procedure

Recompletion in	· · · · · · · · · · · · · · · · · · ·	
:		
	Horizon: ⁸ API #: Engr: Phone:	Fruitland Coal 30-045-2630500 Yamasaki H(303)202-0361 W-(303)830-5841 P(303)553-6437
FT Anticlpa	ted ÍÞ:	200 MCFD
cts that have a p	oayout excee	eding ONE year.
Casing:	вн:	
	Menefee: Point Lookout: Mancos Shale: Gallup: Graneros: Dakota:	Horizon: API #: Engr: Phone: The Anticipated IP: Cts that have a payout exceed Menefee: Point Lookout: Mancos Shale: Gallup: Graneros: Dakota: 5915

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'. 5 868 % 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 Issolation 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 Mibs, 70 Qal foam.
- 12. Shut in well for 2 hours. Flow back untill 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.

Form 3160-5 (June 1990)

UNITED STATES

ON CONSERVATION DIVISION FORM APPROVED

BUREA	RTMENT OF THE INTERIOR U OF LAND MANAGEMEN	T	Budget Bureau No. 1004-0135 Expires: March 31, 1993
SUNDRY NO	TICES AND REPORTS ON TO Describe to drill or to deepen or reentry to a	WELLS MARINE	5. Lease Designation and Serial No.
Do not use this form for prop	posals to drill or to deepen or reentry to a ATION FOR PERMIT - " for such propor	directoric reservoir.	SF-078109 6. If Indian, Allottee or Tribe Name
			7. If Unit or CA, Agreement Designation
1. Type of Well			·
Well Other			8. Well Name and No.
2. Name of Operator	Attention:		Gallegos Canyon Unit 213E
Amoco Production Company 3. Address and Telephone No.	Patty H	aefele	26305 300452 6326
P.O. Box 800, Denver,	CO 80201 (303) 830	-4988	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or	Survey Description)		Basin Dakota
930' FSL 480' F	WL Sec. 8 T 28N R 1	2W Unit M	11. County or Parish, State San Juan New Mexico
12. CHECK APPROPR	IATE BOX(s) TO INDICATE NA	ATURE OF NOTICE . RE	
TYPE OF SUBMISSION		TYPE OF ACTION	
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other Letter	dated 2/28/96 (Note: Report	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water results of multiple completion on Well Completion or Report and Log form.)
Amoco Production Compar and abandonment notice a		time frame to plug this we	
Reference: NMSF-078578	et al. (WC) 3162.3-4 (7300) dated 2	OIL COM. D	40N N
14. I hereby certify that the foregoing is true and Signed Patty Ha	correct efele Title	• Staff Assista	nt Date 03-05-1996
(This space for Federal or State_office use)			APPROVED
Approved by Conditions of approval, if any:	Titk		MAR 08 1996

* See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any descriptions, philipseldistic.

Form 3160-5 (June 1990)

UNITED STATES

	OIL	CONSERVA	Hu
-		RE≎≎	

FORM APPROVED Budget Bureau No. 1004-0135

	OF LAND MANAGEMENT	RECEIVED	VISION Expires: Ma	rch 31, 1993
Do not use this form for proposals	SES AND REPORTS ON WELLS s to drill or to deepen or reentry to a different ON FOR PERMIT - " for such proposals	3 94 8 pm 8	5. Lease Designation and Series 52 SF 03 6. If Indian, Allottee or Tribe	78109
			7. If Unit or CA, Agreement	Designation
		· · · · · · · · · · · · · · · · · · ·		
1. Type of Well Oil Gas Well Other			8, Well Name and No.	
Well Well Other 2. Name of Operator	Attention:		Gallegos C U	213E
AMOCO PRODUCTION COMPAN		•	9. API Well No.	26305
3. Address and Telephone No.			30045	26326
P.O. Box 800, Denver, Colorado 80	2201 (303) 83	0-5294 	10. Field and Pool, or Explora	
4. Location of Well (Footage, Sec., T., R., M., or Surve	y Description)		Basin 11. County or Parish, State	Dakota
930 FSL 480FWL	Sec. 8 T 28N R 12W		Tr. County of Fallan, State	
			San Juan	New Mexico
12. CHECK APPROPRIATE	BOX(s) TO INDICATE NATURE	OF NOTICE, RE	PORT, OR OTHER	DATA
TYPE OF SUBMISSION		TYPE OF ACTION		
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other		Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water	
		(Note: Report Recompletion	t results of multiple completion n Report and Log form.)	on Well Completion or
	al depths for all markers and zones pertinent to this work.)* lest permission to plug and abandon the	subject well.		
	DECEIV N MAR - 6 OIL COM. DIST. 2		95 FEB 23 FM 1: 57 070 WALLEGILE, NU	
14. I hereby certify that the foregoing is true and correct Signed (This space for Federal or State office use)	W Title	Business Assis		02-20-1995
Approved by Conditions of approval, If any:	Title		APPRO	A E D
			FFR27	1995
Title 18 U.S.C. Section 1001, makes it a crime for any p representations as to any matter within its jurisdiction.	erson knowingly and willfully to make to any department or	agency of the United States	any false, they closes, or transdu	ent statements or

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 perfs at 6018' to 6032' with 34.718 cust cement. Pull out of retainer and spot 50' cement plug. (4.36 cust 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 15395'
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

RECEIVE

ET AT 1160 PC AT 1469 CH_AT_2424 MV AT 2823 DV TOOL @3177 GP AT 5145 DK-4SPF PERF 6018-8032 6088-6156 BOT OF 2.375 IN OD TBG AT 6185 PBTD AT 6223 FT. BOT OF 4.5 IN OD CSA 6265 17,776 ELSK-55 CASING CIR TO SURFACE TOTAL DEPTH 6270 FT. FILENAME:

UNITED STATES

FORM APPROVED

DEPA BUREA	RTMENT OF THE IN U OF LAND MANA	ITERIOR GEMENT	OIL CONSERVE TO RECEIVE	DIVISIOE Spir	Bureau l es: Mar	No. 1004-0135 ch 31, 1993
Do not use this form for pro	OTICES AND REPOR posals to drill or to deepen or CATION FOR PERMIT - " for	reentry to a diffe		5. Lease Designation 5. Lease	SF-07	8109
				7. If Unit or CA, A	greement D	esignation
1. Type of Well Oil Gas Well Other Other				8. Well Name and N		-
2. Name of Operator		Attention:		Gallegos Ca	anyon U	Init 213E
Amoco Production Company		Lois Raeburr	1	9. API Well No.		
 Address and Telephone No. P.O. Box 800, Denver, Colorad 	a 80201	(303)	830-6003	10. Field and Pool,	Basin C	
4. Location of Well (Footage, Sec., T., R., M., o				4	30045-2	
4. Location of West (Footage, Sec., 1., N., M., O	Survey Description)			11. County or Paris		
930 FSL 480 FWL	. Sec. 8 T	28N R 12W		San J		New Mexico
CHECK APPROPR	LATE DOV(-) TO IND	CATE NATU	DE OF NOTICE B	<u> </u>		
TYPE OF SUBMISSION	IATE BOX(s) TO INDI	CATE NATU	TYPE OF ACTION	EPUNI, UN C	IIIEN	DATA
THE OF SOBIMISSION			TIPE OF ACTION			
57 1		Abandonment		Change of Plans		
Notice of Intent		Recompletion		New Construction		
Subsequent Report		Plugging Back Casing Repair		Non-Routine Fracturi Water Shut-Off	ng	
		Altering Casing		Conversion to Injecti	on	
Final Abandonment Notice		Other		Dispose Water		
			(Note: Repo Recompletio	rt results of multiple c on Report and Log forn	ompletion o n.)	in Well Completion or
13. Describe Proposed or Completed Operations subsurface locations and measured and true				any proposed work .	If well is di	rectionally drilled, give
Amoco Production Company	·	· ·		ion & test well		
					_	
	•				070 FAN	RE SIL AUG
,						2
See attached procedures.			•			RE1
						~ 윤유
					<u> </u>	P I
If you have any questions ple	ase contact Lois Raeburn	@ (303) 830-	5294		MINICITON, NV	<u>.</u>
		ut es			z	3: 0 4
			DECEI	VEN	S	-
		ſ	UN AUG 17	1994		
			OIL CON.	DIV		
14. I hereby certify that the foregoing is yue and	correct			,		
Signed Rais Fall	hurn	Title	Business Ass	stant	Date	08-09-1994
This space for Federal or State office use)		,		1 + 4 PP + 5		

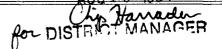
Approved by

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, ficticlous, or fraudulent statements or representations as to any matter within its jurisdiction.

* See Instructions on Reverse Side

NMOCD



Page 1

Brief Summary Report

Print Date 08/09/94

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

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

Regulatory Field Name Horizon Name BASIN-DAKOTA-GAS DAKOTA

				Job Start	Job End	Last Update
Sequence #	Job Type	Job Highlights	Horizon	Date	Date	Date
1	CLEAN OUT/PLUG	BA6N22 to 6,223 FT.	DAKOTA			8/9/94
2	CLEAN OUT/PLUG	BBA61/20 to 6,120 FT.	DAKOTA			8/8/94
3	REMOVED/RUN	Lift Revision	DAKOTA			8/8/94
4	TESTING/SWABBI	ING 6,018 to 6,120 FT.	DAKOTA			8/8/94

Page 2

Cleanout / Plugback Report

Print Date 08/09/94

Well Name: GALLEGOS CANYON UNIT /DAKOTA/

Well Number: E213M08

Work Activity Number:

r: 59

Job Start Date: Job End Date:

Primary Service Company Name:

Job Field Estimated Cost:

Cleanout/Plugback Type: Plugback

Cleanout/Plugback Method: (n/a)

Plug Material Used: CIBP

Recovered Material:

Top Depth: 6,122 FT.

\$9,500

Bottom Depth:

6,223 FT.

Tubular/Hole I.D.:

4.500 IN.

Page 3

Cleanout / Plugback Report

Print Date 08/09/94

GALLEGOS CANYON UNIT /DAKOTA/ Well Name:

Well Number:

E213M08

Job Start Date:

Work Activity Number:

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

Page 4

Removed/Run Report

Print Date 08/09/94

GALLEGOS CANYON UNIT /DAKOTA/

Well Number:

E213M08

Job Start Date:

Work Activity Number: 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:

Kill Fluid Density:

PPG

Joints

Equipment

Original

Feet Joints Top Set

Depth

Rmvd

Feet

Rmvd Fail

Description

Status Run Date

Run

TBG: 2.375 4.7# J-55 eue ()

6,085

Page 5

Testing/Swabbing Report

Print Date 08/09/94

GALLEGOS CANYON UNIT /DAKOTA/

Well Number: E213M08

Work Activity Number:

Job Start Date:

Primary Service Company Name:

Job Field Estimated Cost: Job End Date:

Interval Top Depth:

6.018 FT.

Oil

Water

Interval Bottom Depth:

6,120 FT.

Load to Recover:

BBLS

BBLS

Packer Depth:

FT.

Test Type: Flowing

Test 1

Test Date:

Feet From Surface

Fluid Entry: Fluid Entry In: FT.

Start Fluid Level: Final Fluid Level:

Feet From Surface

Water Recovered:

HRS

Tubing Open Pressure:

PSI

Oil Recovered:

BBLS BBLS

Tubing Closed Pressure:

PSI

Gas Recovered:

MCF

Test Duration:

HRS

Fluid Last Hour:

BBLS

Choke Size:

/64THS

Job Comments:

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

Form 3160-5 (June 1990)

UNITED STATES

FORM APPROVED

BUREA	RTMENT OF THE INTERIOR IU OF LAND MANAGEMENT OIL CONS	Budget Bureau No. 1004-0135 SERV: ON DIVISIOExpires: March 31, 1993 RECTIVED
Do not use this form for pro	OTICES AND REPORTS ON WELLS posals to drill or to deepen or reentry to a different reserve EATION FOR PERMIT - * for such proposals	6, Lease Designation and Sarial No.
		7. If Unit or CA, Agreement Designation
1. Type of Well Oil Well Other		8. Well Name and No.
2. Name of Operator	Attention:	Gallegos Canyon 213E
Amoco Production Company 3. Address and Telephone No.	Lois Raeburn	9. API Well No.
P.O. Box 800, Denver, Colorad	o 80201	3004526305 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or	Survey Description)	Basin Dakota
M 930FSL 480FWL	Sec. 8 T 28N R 13W	11. County or Perish, State San Juan NM
12. CHECK APPROPR	ATE BOX(s) TO INDICATE NATURE OF NO	TICE REPORT OR OTHER DATA
TYPE OF SUBMISSION		F ACTION
Notice of Intent Subsequent Report Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other Clearly state all portinent details, and give portinent dates, including estimated	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion Recompletion Report and Log form.)
	vertical depths for all markers and zones pertinent to this work.)*	
, who our the to apply to	FEB1 41994 OIL CON. DI	RECE 94 FEB -1 070 FARMING
	FEB1 41994; OIL CON. DIDIST. 3 APPROVAL EXPIRES AUG 01	RECEIVED 94 FEB -1 AMII: 13 070 FARMINGTON, NM
14. I hereby certify that the foregoing is triga and of Signed	FEB1 41994; OIL CON. DI'DIST. 3	RECEIVED 94 FEB -1 AMII: 13 070 FARMINGTON, NM
14. I hereby certify that the foregoing je trija and o	FEB1 41994 OIL CON. DIDIST. 3 APPROVAL EXPIRES AUG 01	PH FEB - I AM II: 13 OTO FARMINGTON, NM 1994
14. I hereby certify that the foregoing is triga and of Signed Conditions of approval, if any:	FEB1 41994 OIL CON. DIDIST. 3 APPROVAL EXPIRES AUG 01	PROVED RECEIVED RECEIVED RECEIVED RECEIVED RECEIVED OTO FARMINGTON, NM Dete APPROVED

* See Instructions on Reverse Side NMOCD

Form 3160-5 (November 1983) (Formerly 9-331)	UNITE DEPARTMENT	D STATES	/ Inthan	T IN TRIPLICAT	Budget Bureau No. 1004- Expires August 31, 1985
(Formerly 9-331)		AND MANAGEME		e distribute.	892000844 F
SUN	DRY NOTICES A	ND REPORTS	MANAMETT	S KEUE	
(Do not use this	form for proposals to dri Use "APPLICATION FO	il or to deeper or play R PERMIT— for such	bioberrie')	120 1000.1000.	
ARIT - ARIT	Ø 07522	'91 APR 17 . AI	M 9 07	91 JAN 28	CALLEGOS CANYON U.
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3. ADDRESS OF OPERATOR	roduction C	mpany			9. WELL 30.
200 Amoc	eport location clearly and	ARMING TON		87401	2/3 E
See also space 17 belo At surface	▼.)	m I	CFIV	EM	BASIN DAKOTA
. 7	30/N 480/W	ואן יי	, w		11. SEC., Z., M., OR SECT. AND SURVEY OR AREA.
•	· ·		APRI 5 199	1.	SWSW Sec 8-28N-12
14. PREMIT YO.	IS. PLEV	Show whether a	CON.	DIV.	SAN JUAN NM
14.	Check Appropriate	Box To Indicate I	No. DIST. No.	ice, Report, or	Other Data
	ORICE OF INTENTION TO:	•	1.		QUENT EXPORT OF:
TEST WATER SECTOR	PELL OR ALS		1	ETT-OFF	PRIATEIRO CARIFA
SHOOT OR ACTUES	PRODUCE		1	e of verneries	TBTRDONMENLe .
Other) Flow	Test Well		(Other)	orn: Report resul	ts of multiple completion on Well pletion Report and Log form.)
17. BESCRIBE PROPOSED OR proposed work. If	COMPLETED OPERATIONS (C)	early state all pertiner give subsurface loca	t details and	ve pertinent date	s, including estimated date of starting cal depths for all markers and somes pe
nent to this work.)	•				
Amora	Production	Company	request	& Appre	oval. to
^	. / 1/	, /			1 1=
	test the	subject		tor 1	4 To 15
1 4	to deter	emine ec	CONOMIC	is of	pipeline
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CONNS	ection. C	ias 7/ou	اركه ي	11 be	Tlared.
	• .		an admin service		
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This a	well was	originally		din	1985.
, , ,		1DOQ1	INEU		Approved
					Approved_
		P 30 49	1297	_	
		da Sic		· •	Chief, Branch of Mineral Resources
A I hereby certify the of the	s (aregoing is true and co			1.1	Farmington Resource Area
SIGNED / N	Shaw	TITLE	VIRO. COU	Rdonator	DATE 1-25-91
· (This space for Federal	er State effice tas)	·		:	· · · · · · · · · · · · · · · · · · ·
APPROVED BY	OVAL, IF ANY:	TITLE			DATE
	•		•		•

*See Instructions on Reverse Side

NMOCD

Sübmit 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

DISTRICTIN	Santa Fe, New Mo	exico 87504-2088	<i>f</i> ;			
I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS						
Operator	TO THANSPORT OIL	AND NATURAL GAS	Well A	Pl No.		
1 ^	tion Co					***
Reason(s) for Filing (Check proper box)	Street, Farming	Other (Please explain)	1401			
New Well	Change in Transporter of: Oil Dry Gas	Effective 4-1-8	9			
Change in Operator	Casinghead Gas Condensate					
If change of operator give name and address of previous operator						
II. DESCRIPTION OF WELL	AND LEASE Well No. Pool Name, Include	ing Formation	Kind of	Lasc		ase No.
Gallegos Canyon Unit		Dakota	State, F	ederator Fee		18109
Unit Letter	: 930 Feet From The	S Line and _480_	Fec	t From The	<u>u</u>	Line
Section S Township	38 N Range	aw, nmim, S	Z_{-c}	ivan		County
III. DESIGNATION OF TRANS	SPORTER OF OIL AND NATU	RAL GAS Address (Give address to which a	annrayed i	can of this form	is to be see	· / 1
Meridian Dil Inc						-
Name of Authorized Transporter of Casing	head Gas [or Dry Gas [P.O. Box 4289, Address (Give achtress to which a				
Northwest Pip If well produces oil or liquids, give location of tanks.	eline Unit Scc. Twp. Rgc. M 8 28 N 12 W	3539 E 304h S Is gas actually connected?	When i	icming-t	ou Nu	181401
If this production is commingled with that f	If this production is commingled with that from any other lease or pool, give commingling order number: 1V. COMPLETION DATA					
	Oil Well Gas Well	New Well Workover [Deepen	Plug Back Sa	me Res'v	Diff Res'v
Designate Type of Completion -	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	J			Depth Casing S	hoe	
	TUBING, CASING AND	CEMENTING RECORDS	1000			
HOLE SIZE	CASING & TUBING SIZE	حا ك فالقا	nAi	SAC SAC	CKS CEME	NT
			1989		·	

V. TEST DATA AND REQUES	T FOR ALLOWABLE	OIL CONSERVE SANT	VATION I	biv		
OIL WELL (Test must be after re Date First New Oil Run To Tank	ecovery of total volume of load oil and must	be equal to or exceed top allowab Producing Method (Flow, pump,	le for this		full 24 how	s.)
Length of Test		Casing Pressure (1)	3 12 11 11			
Actual Prod. During Test	Tubing Pressure	Water - Itbis.		Gas- MCI		
Actual Frod. During Test	Oil - Bbls.	APR	2019			•
GAS WELL Actual Prod. Test - MCF/D	Length of Test	OIL C	ON.	Gravity of Con	deneste	
Actual Prod. Test - MC17D	1	D	IST. ?			
lesting Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	شالك تنميتن	Čioke Sier-	entrantine.	
VI. OPERATOR CERTIFIC		OIL CONS	FRV	ATION D	ואופור)N
I hereby certify that the rules and regular Division have been complied with and	that the information given above			.,,,,,,,,	. • 1010	
is true and complete to the best of my	mowledge and belief.	Date Approved	API	2 0 1989	ļ <u></u>	<u> </u>
BUL	aw .			Λ		
Signature B.D. Shaw	Ada Succe	By		•		
Printed Name	Adm. Supy	Title	WAT2T	ON DISTR	LCT # 3	
4-19-89 (E	505) 325-8841. Telephone No.					

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 much a transcource.

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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DISTRIBUTION			T
SANTA FE			
FILE			
V.S.G.A.			
LAND OFFICE	LAND OFFICE		
TRANSPORTER OIL			
	GAS		
OPENATOR			
PROMATION OFF	KE		

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

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

REQUEST FOR ALLOWABLE

T AUTH	ORIZATION TO TRANS	SPORT OIL AND NATU	IRAL GAS		•.
Operator Amoco Production Co.		- Caramana - Caramana	10) 6		
Address 501 Airport Drive, Far	rmington, N M	87401		EINE	•
Recompletion 0		Other (Please	Oli CON	6 1985	
If change of ownership give name and address of previous owner	. ((3)		3 //./	
II. DESCRIPTION OF WELL AND LEASE				·	
Gallegos Canyon Unit 213	BE Basin Dako	· ·	Kind of Lease State, Federal or Fee	Federal	SF-078
Location					
Unit Letter M : 930 Feet I	From The South Lin	ne and <u>480</u>	Feet From The	West	
Line of Section 8 Township 28	N Range	12W , NMPM	· San Ju	a n	County
Name of Authorized Transporter of Casinghead Gas Northwest Pipeline Corpor	Condensate C	Address (Give address t	o which approved copy , Farmington	of this form is to	
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 VI. CERTIFICATE OF COMPLIANCE I hereby certify that the tules and regulations of the Oil	Conservation Division have	OIL CI	DNSERVATION D	067)1 6	1985
been complied with and that the information given is true my knowledge and belief.	and complete to the best of	BY	Trank)	· Savey	<u> </u>
QN C		TITLE		SUPERVISOR OST	RICT 猎 3
(Signature)	·	If this is a requ	be filed in compliant est for allowable for be accompanied by	a newly drilled	d or deepens
Adm. Supervisor		tests taken on the v	vell in accordance w	Ith RULE 111.	•
(Tille) October 9, 1985		able on new and rec	` \u	-	
(Date)		Fill out only S	ections I. II. III. and	a VI for chang	renwo 10 ae;

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

Designate Type of Complet	ion - (X)	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res
Date Spudded	Date Compl. Ready to Pro	od.	Total Dept	1		P.B.T.D.	<u> </u>	!
			-					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Forma	ition	Top Oll/Go	s Pay		Tubing Dep	th	
Periorations	<u>.</u>		<u> </u>	· · · · · · · · · · · · · · · · · · ·		Depth Casti	ng Shoe	
	TUBING, C	ASING, ANI	CEMENTI	NG RECORI	D			
HOLE SIZE	CASING & TUBIN	G SIZE		DEPTH SE	т	SA	CKS CEMEN	1 T
·			 		 	 		
			T					
	_ 		<u> </u>					
V. TEST DATA AND REQUEST	FOR ALLOWABLE (To	est must be a le for this de	ter recovery pth or be for	of total volum full 24 hours	ne of load oil	and must be e	qual to or exc	sed top allo
V. TEST DATA AND REQUEST OIL WELL Date First New Oil Run To Tanks	FOR ALLOWABLE (Te ab	est must be a le for this de	pth or be for	of total volum full 24 hours, Method (Flow,) 		qual to or exc	ed top allo
OIL WELL Date First New Oil Run To Tanks	46	est must be a le for this de	pth or be for	full 24 hours; fethod (Flow,) 		qual to or exc	ed top allo
313	Date of Tast	est must be a la for this de	Producing h	(stl 24 hows)) 	(i, eic.)	qual to or exc	eed top allo
OIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test	Date of Tast Tubing Pressure	est must be a le for this de	Producing h	(stl 24 hows)) 	Choko Sixe	qual to or exc	eed top allo
OIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test	Date of Test Tubing Pressure Oil-Bbis.	est must be a le for this de	Producing h Casing Pres Water - Bbls.	(stil 24 hours)	pump, gas li	Choke Size		ed top allo
OIL WELL Date First New Oil Run To Tanks Length of Test Actual Prod. During Test	Date of Tast Tubing Pressure	est must be a la for this de	Producing h Casing Pres Water - Bbls.	(stl 24 hows)	pump, gas li	Choko Sixe		eed top allo

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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UNITED STATES

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DEPARTMENT	OF	THE	INTE	RIOR

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STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

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



JUL2 9 1985

REQUEST FOR ALLOWABLE

Amoco Production Co. Address 501 Airport Drive, Farmington, N M 87401 Reason(s) for filing (Check proper box) New Well Change in Transporter of: Recompletion Change in Transporter of: Recompletion Change in Out Change in Ownership Castinghead Gas Condensate If change of ownership give name and address of previous owner II. DESCRIPTION OF WELL AND LEASE Lease Name Gallegos Canyon Unit 213E Basin Dakota Location Unit Letter M 930 Feet From The South Line and 480 Feet From The Wes Line of Section 8 Township 28N Range 12W , NMPM, San Juan	ON. DIV.
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Sol Airport Drive, Farmington, N M 87401	La Campagan & Land
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New Well Change in Transporter of: Dry Gas Condensate	. I was a little of the control of t
Recompletion Oil Dry Gas Change in Ownership Casinghead Gas Condensate If change of ownership give name and address of previous owner II. DESCRIPTION OF WELL AND LEASE Lease Name Well No. Pool Name, including Formation State, Federal or Fee Fed Location Unit Letter M; 930 Feet From The South Line and 480 Feet From The Wes Line of Section 8 Township 28N Range 12W, NMPM, San Juan III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS Name of Authorized Transporter of Casinghead Gas or Dry Gas R Address (Give address to which approved copy of this Permian Corporation Figure of Authorized Transporter of Casinghead Gas or Dry Gas R Address (Give address to which approved copy of this Permian Corporation Figure of Authorized Transporter of Casinghead Gas or Dry Gas R Address (Give address to which approved copy of this P.O. Box 990, Farmington, If well produces oil or liquids, Unit Sec. Twp. Rage. Is gas actually connected? When	
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it well produces on or induite.	
1 1	
f this production is commingled with that from any other lease or pool, give commingling order number:	

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.

my knowledge and belief.			
BUS	hau	 **************************************	., .
	(Signature)		
Adm. Supervis	or	 	
	(Title)		
7-23-85	•		

(Date)

F2-85 OIL CI	AUG 0.2 1985	
APPROYED	MUU U 2 1303 19_	 ,
BY Sul)	· Clany	
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.

IV. COMPLETION DATA	Oil Well Gas We	II New Well Workover Deepe	en Plug Back Same Res'v. Dill. Re
Designate Type of Complet		1	t i i i i
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
5-30-85	7-2-85	6270'	6223'
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oll/Gas Pay	Tubing Depth
5641' GR	Dakota	6018'	6185'
Perforations 6018'-6032', 608	8'-6156'		Depth Casing Shoe 6270
		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 muss able for the	be after recovery of total volume of load a depth or be for full 24 hows)	d oil and must be equal to or exceed top a
Pate First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, g	as lift, etc.)
ength of Test	Tubing Pressure	Casing Pressure	Choke Size
efual Prod. During Test	Oil-Bbis.	Water - Bbis.	Gas-MCF
		· ·	
AS WELL			
efual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
1499	3hrs.		
esting Method (pitot, back pr.)	Tubing Pressue (Shitt)	Cosing Pressure (Shut-in)	Choke Size
Back pressure	615 psig	800 psig	.75"

(Formerly 9–331) DEPARTME BUREAU SUNDRY NOTICE (Do not use this form for proposal	Farmingt	UREAU OF LA	WELLS to a different reservoir LIVED 191985 AND MANAGEMENT RESOURCE AREA 87401	5. 1 S.F. 7. U Ga 8. r	Expires August EARS DEBIONATION -078109 FINULAR, ALLOTTES HIT AGREEMENT NA 11egos Ca ARM OR LEASE NAM PELL NO.	OR TRIBE WAME ME nyon Unit
SUNDRY NOTICE (I/O not use this form for proposals Use APPLICATION OIL WELL X OTHER 2. NAME OF OPERATOR AMOCO Production G 3. ADDREAS OF OPERATOR 501 AIE PORT Drive; 4. LOCATION OF WELL (Report Ideation clear See also apace 17 below.) At surface	ES AND REI	UREAU OF LA	191985 AND MANAGEMENT RESOURCE AREA 87401	7. u Ga 8. r	HIT AGREEMENT NA 11egos Ca	nyon Unit
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501 AIRPORT Drive; LOCATION OF WELL (Report location clear See also apace 17 below.) At surface	Farmingt	on, N M	8/401	21		
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At surface	IL.		te requirements.	i	FIELD AND POOL, OF	
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				SW	SW Sec 8	T28N, R12W
f. PERMIT NO.	15. ELEVATIONS (Shor			12.	COUNTY OF PARISH	
		5641	' GR	Sai	n Juan	NM
Check Appro	opriate Box To I	ndicate Natu	re of Notice, Repo	or, or Other	Data `	
NOTICE OF INTENTIO	N 70:	:		RUBBEQUENT R	RPORT OF:	
्र १ स. १९६६ असगर १८९६	STATE SANTS I		ALCE DRIVE - FF		REPAIRING W	C. :
NECT BE TREAT THE MED	TIPLE COMPLETE	j j	PHACTURE TREATME	NT .	ALTERING CA	BING :
\- \	*RODA		(Other) Comple	tion	ABANDONMEN	1.
REPAIR WELL CHA	NGE PLANE		(Note: Repor	t results of mu	itiple completion	n Well
DESCRIBE PROPUSED OR COMPLETED OPERAT.	ions (Clearly state	all pertinent de			Report and Log for ling estimated date	
6018'-6032', 6088	i for 30 1	minutes.	Perforated	the fo	or a tota	ntervals: 1 of 328
holes. Fraced in 130,900# 20-40 br	i for 30 i '-6156', ' terval 60 ady sand.	minutes. 4 jspf,	Perforated .45" in diam	the foneter, f	llowing i or a tota 0 quality	ntervals: 1 of 328 foam and
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holes. Fraced in 130,900# 20-40 br	i for 30 i '-6156', ' terval 60 ady sand.	minutes. 4 jspf,	Perforated .45" in diam	the foneter, f	llowing i or a tota o quality 185' and JUL2	ntervals: 1 of 328 foam and released 1 985 1. DIV.
holes. Fraced in 130,900# 20-40 br the rig on 7-2-85	i for 30 in 1-6156', atterval 60 ady sand.	minutes. 4 jspf,	Perforated .45" in diam	the foneter, f	llowing i or a tota o quality 185' and JUL2	ntervals: 1 of 328 foam and released 1 985 1. DIV.
holes. Fraced in 130,900# 20-40 br the rig on 7-2-85	i for 30 in 1-6156', aterval 60 ady sand.	minutes. 4 jspf, 18'-6156 Landed	Perforated .45" in diam	the foneter, fongal 7 ing at 6	llowing i or a tota o quality 185' and JUL2	ntervals: 1 of 328 foam and released 1 985 1. DIV.
holes. Fraced in 130,900# 20-40 br the rig on 7-2-85	i for 30 in 1-6156', iterval 60 ady sand.	minutes. 4 jspf, 18'-6156 Landed	Perforated. 45" in diam' with 90,00 2-3/8" tub	the foneter, fongal 7 ing at 6	llowing i or a tota o quality 185' and JUL2	ntervals: 1 of 328 foam and released 1 985 1. DIV.
holes. Fraced in 130,900# 20-40 br the rig on 7-2-85 Thereby certify that the foregoing is true Signed Chis space for Federal or State office us	i for 30 in 1-6156', aterval 60 ady sand.	TLE Distr	Perforated. 45" in diam' with 90,00 2-3/8" tub	the foneter, fongal 7 ing at 6	OIL CONDIST	ntervals: 1 of 328 foam and released 1 985 1. DIV.
holes. Fraced in 130,900# 20-40 br the rig on 7-2-85	i for 30 in 1-6156', iterval 60 ady sand.	minutes. 4 jspf, 18'-6156 Landed	Perforated. 45" in diam' with 90,00 2-3/8" tub	the foneter, fongal 7 ing at 6	llowing i or a tota o quality 185' and JUL2	ntervals: 1 of 328 foam and released 1 985 1. DIV.
holes. Fraced in 130,900# 20-40 br the rig on 7-2-85 Thereby certify that the foregoing is true Signed This space for Federal or State office us APPROVED BY	i for 30 in 1-6156', iterval 60 ady sand.	TLE Distr	Perforated. 45" in diam' with 90,00 2-3/8" tub	the foneter, fongal 7 ing at 6	Oll CON DIST	ntervals: 1 of 328 foam and released 1 V E D 5 1985 N. DIV. 3
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	UNITED STATES MENT OF THE INTE	BUBMIT IN TRIPLICAT (Other instructions on reree aide)		No. 1004-0135
BUREA	U OF LAND MANAGEME	ENT	SF-078109)
(Do not use this form for propose	CES AND REPORTS als to drill or to deepen or pli TION FOR PERMIT—" for auc	ug back to a different reservoir.	6. IF INDIAN, ALLOTTI	
ī.		ECEIVED	7. UNIT AGREEMENT N	AME
MELL GAS COTHER		CCIVED	Gallegos Ca	nyon Unit
2. NAME OF OPERATOR		JUL 02 1985	8. FARM OR LEASE NA	ME
Amoco Production Co	• BIIDEAI			
*	FARMII	J OF LAND MANAGEMENT	9. WELL NO.	
501 Airport Drive. 4. LOCATION OF WELL (Report location cle	Karmington. N M	8/401	213E 10. FIELD AND POOL, O	
See also space 17 below.) At surface		FORTAL MARKET		
	x 480' FWL	1	Basin Dakot	LE. AND
930 FSL	X 400 PWL	mi 17 (205 111)	SURVEY OF ARMA	•
		JUL 17 (355)	SW/SW Sec8,	T28N,R12W
14. PERMIT NO.	15. ELEVATIONS (Show whether	DIVERNAL DIVERS	12. COUNTY OR PARISE	1
	5641' G	RICHEVALUE DIVIDED	San Juan	NM
16. Check App	vonciate Box To Indicate	Nature of Notice, Report, or	Other Date	
NOTICE OF INTENT	— ¬	30332	QUENT REPORT OF:	
	LE OR ALTER CASING	WATER SHUT OFF	REPAIRING S	FEL!
	LTIPLE COMPLETE	FRACTUBE, SREATMENT	- ALTERING C.	ABING
	ANDON*	Other) Spud and	Set Casing	T X
	ANGE PLANS		ts of multiple completion	((`
17. DESCRIBE PROPOSED OR COMPLETED OPERA		Completion or Recom	pletion Report and Log for	m.)
casing at 322' and cement to surface. Drilled a 7-7/8" ho. K55 casing at 6265' and tailed in with 1058 cu. ft. Class I stages. The DV too.	Pressure teste le to a TD of 6 . Stage 1: cem 214 cu. ft. Cla B Portland. Ci	d casing to 1000 p 270' on 6-6-85. S ented with 743 cu. ss B Portland. St rculated cement to	si for 30 minet 4-1/2", 11 ft. Class B B age 2: cement surface after seleased or	outes6#, Portland .ed with .er both
(This space for Federal or State office under the Conditions of Approval, IF Any	M TITLE	Adm. Supervisor	•	FOR RECORD 0 3 1985
	*See Instruction	s on Reverse Side	FARMINGTON	RESOURCE AREA

SUBMIT IN TRIPLICATE. Form 3160-3 Budget Bureau No. 1004-0136 (November 1983) (Other instructions on UNITED STATES (formerly 9-331C) reverse side) Expires August 31, 1985 DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND BERIAL NO. BUREAU OF LAND MANAGEMENT SF-078109 6. IF INDIAN, ALLOTTER OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL OR PLUG BACK 7. UNIT AGREEMENT NAME DEEPEN' DRILL IN PLUG BACK b. TYPE OF WELL Gallegos Canyon Unit WELL SINGLE ZONE MULTIPLE Zone S. FARM OR LEASE NAME 2. NAME OF OPERATOR 9. WELL NO. Amoco Production Company RVATION DIVISION 213E 501 Airport Drive, Farmington, NMFE 87401
LOCATION OF WELL (Report location clearly and in accordance with any state 10: FIELD AND POOL, OR WILDCAT Basin Dakota At surface 930' FSL x 480' FWL 11. SEC., T., R., M., OR BLE AND SURVEY OR AREA FEB 1 41985 At proposed prod. zone Same SW/SW Sec. 8, T28N, ing the control of th 14 DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR THE GARGE F LAND MANAGEMENT 12. COUNTY OR PARISH | 13. STATE PMINGTON PERDITORE **カラミ**が、 12 miles southeast of Farmington, NM San Juan 15. DISTANCE FROM PROPUSED* 17. NO. OF ACRES ASSIGNED TO THIS WELL 16. NO. OF ACRES IN LEASE LOCATION TO NEAREST PROPERTY OR LEASE LINE, APARTERIOR PROVENCIANO SIZITATION PA 320 354.1 (Also to nearest drlg. unit line, if any) 4801 640 DISTANCE FROM PROPOSED LOCATION* 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS TO NEAREST WELL, DRILLING, CO. OR APPLIED FOR, ON THIS LEASE, FT. COMPLETED, 00' E 6240' DRILLING OPERATIONS AUTHORIZED ARE Rotary

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

SUBJECT TO COMPLIANCE WITH ATTACHED

WEIGHT PER FOOT

<u>10.5#, K-55</u>

24#, J-55

PROPUSED CASING AND CEMENTING PROGRAM

SETTING DEPTH

300

6240

contract No. 56,742.

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

 $\bar{23}$.

SIZE OF HOLE

12-1/4"

7-7/8"

5641' GR

SIZE OF CASING

8-5/8"

4-1/2"

MAR 2 7 1985

22. APPROX. DATE WORK WILL START*

As soon as permitted

This action is subject to administrative appeat pursuant to 30, CFR 290.

354 c.f. Class B

2136 c.f. Class B

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed is to drill or deepen directionally, a preventer program, if any.	sal is to deepen or plug back, give data on present productive pertinent data on subsurface locations and measured	and true vertical to bloom	tive out
Original Signed By D.D. Lawson	District TITLE Administrative Supervise	r AS. AMENDEDS	
(This space for Federal or State office use)	APPROVAL DATE	MAR 2 5 1985	
APPROVED BY	TITLE	AREA MANAGER FARMINGTON RESOURCE AREA	
NSP ah7 R1814	NMOCC		

*See Instructions On Reverse Side

OIL CONSERVATION DIVISION

The growing was

P. O. DOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107 Revised 10-

•	All	distances must be f	om the cuter from	nderles of the Sec	ılm.	
Operator			Lease		······································	Well No.
	TION COMPANY		GALLEGOS	CANYON UNI	Γ	213E
Unit Letter Se	ction To	ownship 28N	Range 12W	County	n Juan	
Actual Footage Location			1221	, J D&I	1 o dali	· · · · · · · · · · · · · · · · · · ·
	et from the Sot	ith line and	480	feet from the	West	line
Ground Level Elev:	Producing Format	ion	P∞I			Dedicated Acreage:
5641	Dakota		Basin D	akota		354.12 Acres
2. If more than interest and r	one lease is de	til som en en en en en en en en en en en en en	ll, outline each	and identify th	e ownership	thereof (both as to working
dated by comm X Yes If answer is this form if ne	nunitization, unit No fansw 'no,' list the own cessary.)	ization, force-pool ver is "yes;" type oners and tract desc	ing etc?	unitize	ed	dated. (Use reverse side of
						n approved by the Commis-
der Dog Stroff St		Ol	GEIVE MAR 2 7 1985 L CON. D DIST. 3		best of Origina D. Name D. Posttion [certify that the information con- erein is true and complete to the my knowledge and belief. al Signed By Llawson D. Lawson District strative Supervisor
0.0	flower,	$ \sqrt{} $			Company 2	/8/85
alar CE	Mot ser.	RECE	EIVED		Date	· · · · · · · · · · · · · · · · · · ·
5/201		FEB 1	41985			
		BUDEAU OF LAI	ND MANAGEMEN	NT.	1 hereby	certify that the well location
	Sec.	8			notes of under my is true	n this plat was plotted from field actual surveys made by me or supervision, and that the same and correct to the best of my ge and belief.
300		0			Registered	professional Engineer of Surveyor 3. Kerr Jr.
	Scale:	1"=1000'			Certificate	No. Account

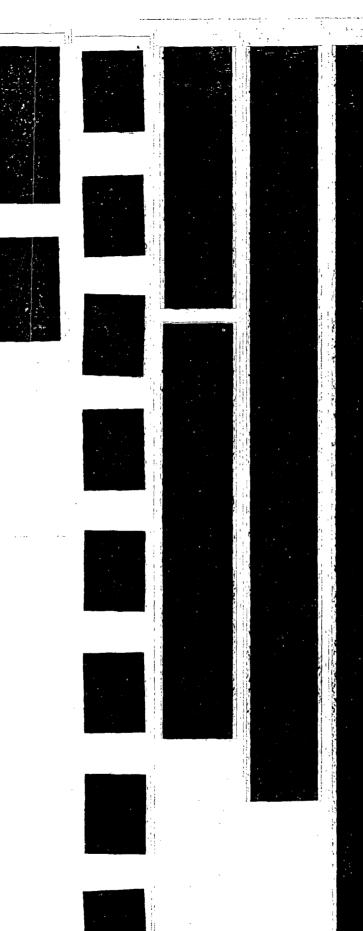
Petroleum Information Corporation GEO-FICHET

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

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

213E





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