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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:** 

Г17

P

[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]

TYDE OF ADDITION Charle Those Which Apple ConfAll

Lij	ITEUTA	FPLICATION - Check Those which Apply for A							
	[A]	Location - Spacing Unit - Directional Drilling							
		X NSL NSP DD SD							
	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							
	[A]								
	,	- 3, 1, 1 S-0							
	[B]	Offset Operators, Leaseholders or Surface Owner							
	[2]	Working, Royalty or Overriding Royalty Interest Owners  Offset Operators, Leaseholders or Surface Owner  Application is One Which Requires Published Legal Notice							
	[C]	Amplication is One Which Deswines Bublished Level Nation							
	[C]	_ Application is One Which Requires Published Legal Notice							
	(D)	N. C. C. II. O. A. A. II. DINA GVO							
	[D]	Notification and/or Concurrent Approval by BLM or SLO							
		U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office							
	[E]	For all of the above, Proof of Notification or Publication is Attached, and/or,							
	[F]	Waivers are Attached							

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

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

	. //// // //	ed by an individual with supervisory capacity.
Mary Corley	May rley	Sr. Business Analyst
rint or Type Name	Signature	Title

03/29/2000

Date



**Amoco Production Company** 

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

March 27, 2000

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

Application For Non-Standard Well Location Gallegos Canyon Unit H # 180 Well 1550' FSL, 2130' FEL, Unit J, Section 28-T29N-R12W Basin Fruitland Coal Pool San Juan County, New Mexico

31200 J

Amoco Production Company hereby requests administrative approval for an non-standard well location for the Gallegos Canyon Unit Com H #180 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 fact it is not located in the NE/4 or SW/4 of the section.

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,

Mary Corley

Attachments

cc:

John Papageorge Well file

Proration file

eled funkon 4-5-00 Mas,



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

2040 South Pacheco, Sante Fe, NM 87505

## State of New Mexico

Energy, Minerals and Natural Resources Department

#### **OIL CONSERVATION DIVISION**

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

Revised October 18, 1994
Submit to Appropriate District Office

Signature & Seal of Professional Surveyor

Certificate No.

James P. Leese

1463

State Lease - 4 Copies Fee Lease - 3 Copies

		***	L LOCA	TION AND	JACKEAG	SE DEDICAT	ION PLAT		
API Number	20 045 07	014	Pool Co	de 71629	Pool Na	nme	Basin Fruitla	nd Cool	
Property Code	30-045-07	Property Name		7 1029			Dasin Fluida	Well Num	her
0005	79	r roperty wante		Galle	gos Canyon U	nit H		Wen Num	180
OGRID No. 0007	78	Operator Name		AMOCO PI	RODUCTION	COMPANY		Elevation	5338'
			****	Su	rface Loca	ation			<del>- , , , , , , , , , , , , , , , , , , ,</del>
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the			East/West Line	County
UNIT J	28	29N	12W		1550'	SOUTH	2130'	EAST	San Juan
		Bott	om Hole	Location	If Differer	nt From Surf	face	<del></del>	
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
Dedicated Acreage 320.37		Joint or Infill	Cons	olidation Code	Order No.				
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			)	,	i i		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	that the informtion coi	ntained herein is
							Signature Printed Nam Position S Date SURVEY ( I hereby certify that notes of actuel surve	me Mary Corley  Tr. Regulatory Ar  03/21/2000  CERTIFICATION  the well location shown on this sys made by me or under my super he heast of my knowledge and believe to the control of the sys made by me or under my super he heast of my knowledge and believe to the control of th	nailyst



- ■Fruitland Coal
- $\bullet$  Dakota

AMOCO PRODUCTION COMPANY
HOUSTON, TX

WESTERN GAS BUSINESS UNIT

FRUITLAND COAL WELLS
T29N R12W SEC. 28

[REF. GCU H #180 (DAKOTA)]

SCALE 1"=2500" DRAW M. J. RITZ DATE 23-MAR-2000
DRAWLING DATE 23-MAR-2000

Page: 1 Document Name: untitled

CMD :

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**Bubmit 3 Copies to** Appropriate

## State of New Mexico

Form C-103

Energy, Minerals and Natural Resources Department **Revised 1-1-89 District Office** OIL CONSERVATION DIVISION **DISTRICT** I WELL API NO. P.O. Box 1980, Hobbs, NM P.O.Box 2088 30-045-07814 **DISTRICT II** Santa Fe, New Mexico 87504-2088 5. Indicate Type of Lease P.O. Drawer DD, Artesia, NM 88210 FEE 🗵 STATE  $\square$ **DISTRICT III** 1000 Rio Brazos Rd., Aztec, NM 6. State Oil & Gas Lease No. SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR #QUO Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) Gallegos Canyon Unit H 1. Type of Well: OTHER 2. Name of Operator ار کاdary Conte Attention: AMOCO PRODUCTION COMPANY 180 ool name or Wildcat TX 77253 281-366-P.O. Box 3092 Houston **Basin Fruitland Coal** 4. Well Location 1550 2130 SOUTH **EAST** Feet From The **Unit Letter** Line and Feet From The Line 29N 12W Section Township Rang **NMPM** San Juan County 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5338' KB 11. Check Appropriate Box to Indicate Nature of Notice Report or Other Data **NOTICE OF INTENTION TO:** SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING **TEMPORARILY ABANDON CHANGE PLANS** COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING CASING TEST AND CEMENT JOB Recompletion from Basin Dakota Χ OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed 1. Check anchors, MIRUSU, 2. Check and record tubing, casing and bradenhead pressures. 3. Blow down wellhead, kill if necessary. 4. Nipple down wellhead, nipple up and pressure test BOP. 5. TOH with tubing. 6. PXA Dakota. Set CIBP within 50' of top Dakota perf. Spot 150' cmt plug on top of CIBP. 7. Log Fruitland Coal interval with CBL/GR/CCL to insure zonal isolation across FC. Set CIBP approximately 150' below bottom of proposed perforations. This plug is intended to be temporary and will be drilled out prior to permanent wellbore abandonment operations. Perforate the following interval with 4JSPF, 120 deg. phasing: FRLD 1202-1206', 1209-12', 1218-22', 1252-56', 1262-65'. 10. Fracture stimulate down casing according to schedule 'A'. CO to PBTD. TIH with 2 3/8" tbg, rods, and pump. Land 1 joint below perfs if possible. RDMO. Hook up to pumping unit and well head compressor.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. Sr. Regulatory Analyst 03-21-2000 **SIGNATURE** ary Corley 281-366-4491 TELEPHONE NO. TYPE OR PRINT NAME DEPUTY OIL & GAS INSPECTOR, DIST. (This space for State Use

MAR 23 2000

DATE

CONDITIONS OF APPROVAL, IF ANY:

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

2040 South Pacheco, Sante Fe, NM 87505

**DISTRICT IV** 

## State of New Mexico Energy, Minerals and Natural Resources Department

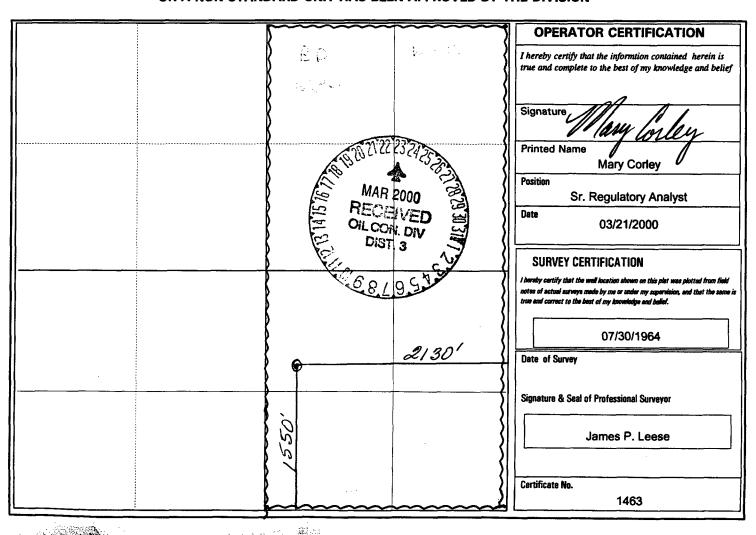
## OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, New Mexico 87505

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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number			Pool Co		Pool Na	ame			
	30-045-07	814		71629	nd Coal	Coal			
Property Code 0005	79	Property Name		Galle	Well Nun	Well Number 180			
OGRID No. 0007	78	Operator Name		AMOCO P	Elevation	Elevation 5338'			
	-			Sı	Irface Loc	ation			
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT J	28	29N	12W		1550'	SOUTH	2130'	EAST	San Juan
		Bott	om Hole	Location	If Differer	nt From Surf	face		<del></del>
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	olidation Code	Order No.	<u> </u>			
320.37									

## 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



Submit 3 Copies to Appropriate

# State of New Mexico Energy, Minerals and Natural Resources

Form C-103 Revised 1-1-89

уфріоріїас	OU PONSEDV	TION DIVISION					
DISTRICT I P.O. Box 1980, Hobbs, NM	7	ATION DIVISION ox 2088	WELL API NO.				
DISTRICT II	1	lexico 87504-2088	3004507814				
P.O. Drawer DD, Artesia, NM 882 DISTRICT III			5. Indicate Type of Lease  STATE FEE   FEE				
1000 Rio Brazos Rd., Aztec, NM			6. State Oil & Gas Lease No.				
SUND (DO NOT USE THIS FORM FOR DIFFERENT RE (FOR	7. Lease Name of Onk Agreement Name						
1. Type of Well:	M C-101) FOR SUCH PROPO	Gallegos Canyon Unit H					
OIL GAS WELL  2. Name of Operator			8. Well No.				
AMOCO PRODUCTION COMP	PANY	Gail M. Jefferson	180				
P.O. Box 800 Denver	Colorado 802	201 (303) 830-6157	Pool name or Wildcat     Basin Dakota				
4. Well Location Unit Letter :	1550 Feet From The	SOUTH Line and	2130 Feet From The EAST Line				
Sectio 28	Township 29N	l Rang 12W	NMPM SAN JUAN County				
	10. Elevation (Sh	now whether DF, RKB, RT, GR, et 5338' KB	tc.)				
	Appropriate Box to Indica	te Nature of Notice Report	or Other Data				
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING				
EMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILLI					
PULL OR ALTER CASING	]	CASING TEST AND	ID CEMENT JOB				
OTHER: Reco	mpletion	X OTHER:					
12. Describe Proposed or Complete	ed Operations (Clearly state al	l pertinent details, and give pertine	ent dates, including estimated date of starting any				
Amoco Production Company reque	ests permission to recomplete t	this well per the attached procedu	res and trimingle.				
If you have any technical questions	s, please contact Wayne Peter	son at (303) 830-4332 or Gail Jeff	ferson for any administrative concerns.				
	lr	) EGEINED	•				
		OCT 2 2 1998					
	C		l i				
	(0)	VIIC GON. DIV.					
I hereby certify that the information	n above is true and complete t	o the best of my knowledge and b	pelief.				
SIGNATURE Kail C	U. Jefferson	The state of the s	. Staff Asst. DATE 10-20-1998				
TYPE OR PRINT NAME Gail	M. Jefferson		TELEPHONE NO. (303) 830-6157				
(This space for State			OCT 23-1				
APPROVED BY Source	Buch	DEFUTY OIL & GAS	S INSPECTOR, DIST. 40 UC   2 3 1998				
CONDITIONS OF APPROVAL, IF ANY:	4060 C-100	FOR NSL	MIL				

## **GCU Well Work Procedure**

GCU Com H 180

Date:

9/29/98

Objective:

Recomplete from Dakota to Pictured Cliffs, Fruitland Coal, and Fruitland Sand and comingle all three horizons. Lower two horizons will have to be tested separately.

**Pertinent Information:** 

Location:

SE28-29N-12W

San Juan

County: State:

New Mexico

Lease:

.....

Well Flac: 93667601

Horizon:

Dak to PC, FC, & FS

API #: Enar: 30-045-07814

Engr: War Phone: H--

Wayne Peterson H--(303)795-0171

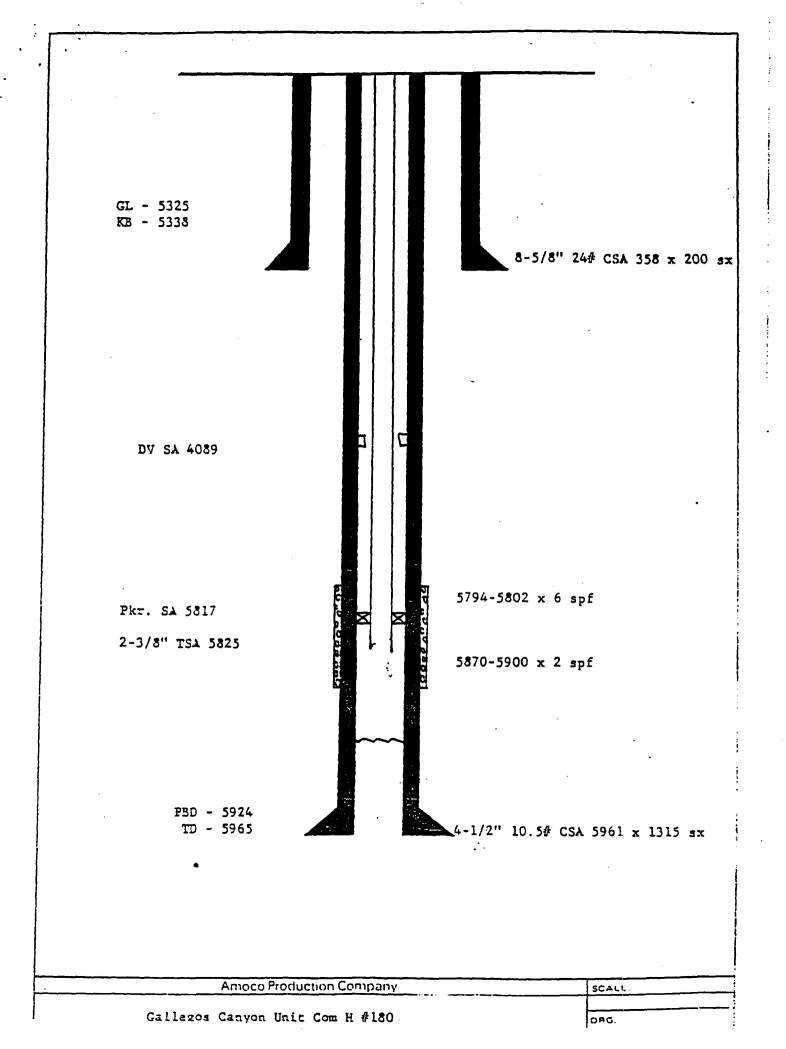
W-(303)830-4332

Call Tom Feldkamp 303-830-5575 or Wayne Peterson 303-830-4332 in Denver to see if steps 6-7 are necessary.

- 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. TIH with tubing conveyed perforating gun and packer. Set packer 1 jt above interval to be perfed and perforate Lower Dakota as specified.
- 7. Test Lower Dakota and report results to Tom Feldkamp or Wayne Peterson before proceeding. If the Lower Dakota is determined to be uneconomic go to step 8. If it is economic a modified procedure will be prepared.
- 8. PXA Dakota. Set CIBP within 50' of top Dakota perf. Spot 100' cmt plug on top of CIBP.
- 9. Perforate the following interval with 4JSPF, 120 deg. phasing: PCCF 1265-1280.
- 10. Fracture stimulate down casing according to schedule 'A'.
- 11. Test PC.
- 12. Set RBP at 1260.
- 13. Perforate the following interval with 4JSPF, 120 deg. phasing: FRLD 1200-1210, 1216-1220, 1250-1254, 1259-1264.
- 14. Fracture stimulate down casing according to schedule 'B'.
- 15. Test FRLD.
- 16. CO and retrieve BP. Reset at 1150.
- 17. Perforate the following interval with 4JSPF, 120 deg. phasing: FT Sand 992-1015.
- 18. Fracture stimulate down casing according to schedule 'C'.

## GCU II Com 180

- 19. CO and retrieve BP. CO to PBTD.
- 20. TIH with 2 3/8" tbg, rods, and pump. Land 1 joint below PC perfs if possible.
- 21. RDMO. Hook up to pumping unit and well head compressor.



District ! PO Box 1980, Hobbs, NM 82241-1980 District II \$11 South First, Artesia, NM \$8210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

State of New Mexico
Energy, Minerala & Natural Resources Department FOR NSLO
Revis

DIL CONSERVATION

vised October 18, 1994

Instructions on back

Submi: to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

3004507	Number 814	tr	79	* <b>Pool</b> 680	Code	I	Kutz Picture	d C	P. d No Liffs, V		Gas)	· · · · · · · · · · · · · · · · · ·
<sup>4</sup> Property	Code		Ca	11000	'Pros Canyon	operty Un i					ì	Well Number
000579			Ga	TIER								
' <b>ogrib</b> i 000778	OGRID No. Operator Name Amoco Production Company									* Elevation		
					10 Sur	face	Location				<u>!</u>	
UL or lot so.	Section	Township	Range	Lot 1d	n Feet from	the	North/South line	Fee	from the	East/Wes	l line	Consty
J	28	29N	1 2W		1550		South	21	30	East		San Juan
		<u> </u>	<sup>11</sup> Bot	tom F	Iole Locati	on I	f Different Fro	om S	Surface	·		- <del>/                                    </del>
UL or lot so.	Section	Township	Range	Lot 1d	n Feet from	the	North/South line	Feet	from the	East/Wes	t line	County
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District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 South First, Artesia, NM 88210 District III 1900 Rio Brazos Rd., Azzec, NM 87410

2040 South Pucheco, Santa Fc, NM 87505

3004507814

\* Property Code

API Number

District IV

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

HO40 C-104 FOR NGL @

P. al Name

Pinon Fruitland Sand, North (Gas)

Form C-102

Revised October 18, 1994 Instructions on back

Submit to Appropriate District Office
State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>3</sup> Property Name

<sup>1</sup> Pool Code

82920

000579	- 1	Gallegos Canyon Unit H									
'OGRIÐ N 000778	0.		Amoco P	roducti	Operator on Company				* Elevation		
<u></u>					10 Surface	Location	<del></del>	<del></del>			
UL or let no.	Section 28	Township 29N	Range 12W	Lot Ida	Feet from the 1550	North/South line South		est/West Ene East	County San Juan		
	11 Bottom Hole Location If Different From Surface										
UL or lot so.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the E	ant/West line	County		
<sup>13</sup> Dedicated Acres	"Dedicated Acres "Joint or Infill M Consolidation Code M Order No.										
NO ALLOW	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										
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION  16  OPERATOR OF The property that the information of the period of the									ion contained herein is my knowledge and belief  fferant erson		
				1550'		2130'	I hereby certify the was plotted from fi me or under my si and correct to the	nat the well local field notes of accupervision, and a best of my beli 30, 196	4		

District ! PO Box 1980, Hobbs, NM 88241-1980 District II 211 South First, Artesia, NM 28210 District III 1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco, Santa Fc, NM 87505

District IV

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

YOUR C-104 FOR Form C-102 N52 (E) Revised October 18, 1994

Instructions on back Submi: to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

30045078	Numb	er	7	* <b>Pool</b> 1629	Code	Ва	asin Fruitla	nd Co	P. A Na Dal	DIE		
* Property 0 000579	Code		Gal	legos	Canyon Ur	operty lit l	Name	<del></del>				Well Number 180
OGRID No.						ocrator						* Elevation
000778			Amo	co Pr	oduction (							
							Location					
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UL or lot no.	Section	Towaship		ttom 1			f Different Fro		rom the	East/Wes	4 E	[ 6
Op or not au.	Section	10wanaib	Nage		THE POST	CHC.	North/South age	rea	rem mr	EBIL WG	t une	County
13 Dedicated Acr	m <sup>13</sup> Joint	or lafill	* Consolidat	on Code	" Order No.		I	<u> </u>				<u> </u>
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## State of New Mexico

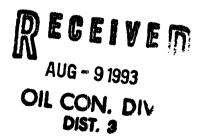
Form C-103

to Appropriate District Office	Energy, Minerals and Nati	ufal Resources Department		Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM 882	AN DIOILO CONSERVA	WELL API NO.		
DISTRICT II	Y Z D	exico 87504-2088	3	004507814
P.O. Drawer DD, Artesia, NM 8	部 7 53	5. Indicate Type of	CLease STATE FEE X	
1000 Rio Brazos Rd., Aztec, NM	87410		6. State Oil & Gas	Lease No.
SUNDRY (DO NOT USE THIS FORM FO DIFFERENT	A 7. Lease Name or	Unit Agreement Name		
	ORM C-101) FOR SUCH PROPOS	SALS.)	Gallegos	Canyon Unit Com H
1. Type of Well:	S OTHER			
2. Name of Operator	Attention	n:	8. Well No.	
Amoco Production Compan		Lois Raeburn		180
Address of Operator     P.O. Box 800 Denver	Colorado 802	201	9. Pool name or W	ildeat Basin Dakota
4. Well Location	1550	South	0130	<u>_</u>
Unit Letter :	Feet From The	South Line and	Feet From	The East Line
Section 28	Township 29N	Range 12W	NMPM	San Juan County
	10. Elevation (Sh	now whether DF, RKB, RT, GR, et	c.)	
11. Checi	L A	5338' KB	Descrit an Oil	D
	k Appropriate Box to Ind	icate Nature of Notice	•	
NOTICE O	F INTENTION TO:		SUBSEQUENT REP	ORI OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	A	LTERING CASING
TEMPORARILY ABANDON	CHANGE PLANS	COMMENCE DRILL	ING OPNS.	LUG AND ABANDONMENT
PULL OR ALTER CASING		CASING TEST AND	CEMENT JOB	
OTHER:		OTHER:	Bradenhead F	Repairs
12. Describe Proposed or Complet work) SEE RULE 1103.	ted Operations (Clearty state all perti	inent details, and give pertinent do	tes, including estimated da	te of starting any proposed
	NDWH & NUBOP. Release Pk e-up ret-plug & TIH w/ 2 3/8"			
TOH. TIH run CBL-VDL-C No bleed off. Pump 20 ga	GR-CCL LOG fr 2590' to sur als acid. TOH SDFN. On 9/04	rf. cmt top @ 770'. TOH. $4/93$ , TIH w tention pkr , s	shoot 2 (3/8") sqz h et @ 490. TOH . TII	oles Pmp pr up to 1050# I to 697', spot 3 Bbls
	Spot 2nd, 3 Bbls cmt plug ac lie clean pr. tst CSG to 500#.			
	9/09/93, TIH w/ Swab equi w/ 183 jts 2 3/8" tbg. Land			
swab equip. Rec 14 Bbls	w/ trace of oil. TOH. Sut in	well to Production.	<i>M</i>	U
	•		JAN 0 5 19	94.
			OIL CON.	DIV.j
I hereby certify that the information	on above is true and complete to the	best of my knowledge and belief_	DIST. 3	
SIGNATURE SIGNATURE	Kaefurn		s Associate	. • DATE 01-04-1994
TYPE OR PRINT NAME	Lois Raeburn		TE	LEPHONE NO.
<b>—</b>				
(This space for State Use)	2 n/	ACDUTY OR 9 (	AS INSPECTOR DIST.	43 TAN 5 1994

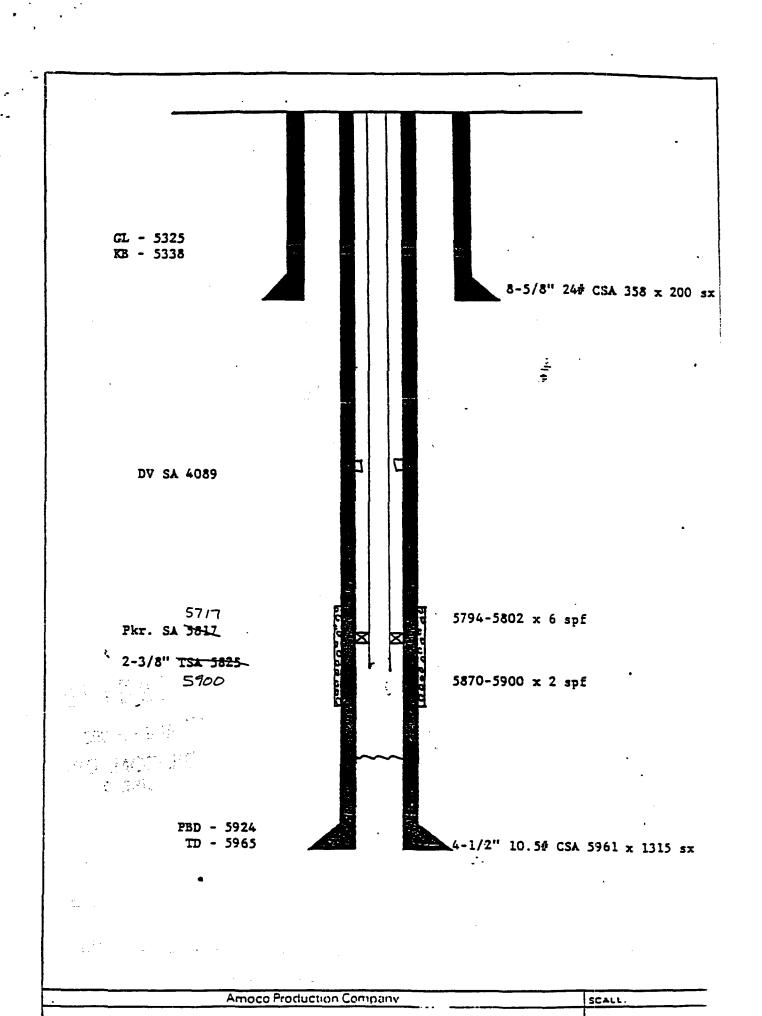
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Submit 3 Copies to Appropriate Energy, Minerals and Natural Resources Department District Office	Form C-103 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM 88240011 OIL CONSERVATION DIVISION P.O. Box 2008	WELL API NO. 3004507814
DISTRICT II Santa Fe, New Mexico 87504-2088  P.O. Drawer DD, Artesia, NM 88210  '93 AU 36 AU 16	5. Indicate Type of Lease  STATE FEE X
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410	6. State Oil & Gas Lease No.
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK	CTO A C. I. N. W. A. W.
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"  (FORM C-101) FOR SUCH PROPOSALS.)	7. Lease Name or Unit Agreement Name  Gallegos Canyon Unit Com H
1. Type of Well:  OIL GAS X OTHER	Gallegos Callyon Offit Com H
2. Name of Operator Attention:	8. Well No.
Amoco Production Company Lori Arnold	180
3. Address of Operator P.O. Box 800 Denver Colorado 80201 (303) 830-	9. Pool name or Wildcat Basin Dakota
4. Well Location Unit Letter J :1550 Feet From The South Line and	2130 Feet From The East Line
Section 28 Township 29N Range 12W	
10. Elevation (Show whether DF, RKB, RT, G 5338 KB'	<u> </u>
Check Appropriate Box to Indicate Nature of Not NOTICE OF INTENTION TO:	• •
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WO	RK ALTERING CASING
TEMPORARILY ABANDON CHANGE PLANS COMMENCE DI	RILLING OPNS. PLUG AND ABANDONMENT
PULL OR ALTER CASING CASING TEST	AND CEMENT JOB
OTHER: BRADENHEAD REPAIR X OTHER:	
12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertine work) SEE RULE 1103.	ent dates, including estimated date of starting any proposed
Amoco Production Company requests to performs bradenhead remediation was	orko ver to eliminate bradenhead pressure. See

If you have any questions, please contact Lori Arnold at the number listed above.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.							
SIGNATURE SOU WWOLF	Business Analyst	DATE 08-04-1993					
TYPE OR PRINT NAME Lori Arnold		TELEPHONE NO.					
(This space for State Use)  APPROVED BY  APPROVED BY	THILE DEPUTY OIL & GAS INSPECTOR, DIST.	#3 DATE AUG 0 9 1993					
CONDITIONS OF APPROVAL, IF ANY:							



Workover Procedure
Gallegos Canyon Unit Com H #180
Sec.28-T29N-R12W
San Juan County, NM

- 1. Contact Federal or State agency prior to starting repair work.
- Catch gas and/or water sample off of bradenhead and casing, and have analyzed.
- 3. Install and/or test anchors on location.
- 4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
- 5. Blow down well and kill well, if necessary, with 2% KCL water.
- 6. ND wellhead. NU and pressure test BOP's.
- 7. TIH and tag PBTD, check for fill. Trip and tally out of hole with tubing, checking condition of tubing.
- 8. TIH with bit and scraper to top of perforations. A seating nipple and standing valve may be run in order to pressure test tubing. TOH.
- 9. TIH with RBP and packer. Set RBP 50-100 ft. above perforations. TOH one joint and set packer. Pressure test RBP to 1500 psi.
- 10. Pressure test casing above packer. Isolate leak, if any, by moving packer up the hole and repeating pressure test.

NOTE: If this can not be accomplished, contact Emily Miller in Denver at (303) 830-4214. If no leak is found, it may be necessary to perforate the casing below surface casing depth or above the top of cement in order to circulate cement to surface.

- 11. Establish injection rate into leak, if found, and attempt to circulate to surface.
- 12. Release packer, spot sand on RBP and TOH with packer.
- 13. Run, if necessary, a CBL and CCL to determine cement top.
- 14. Perforate casing above cement top, if necessary, with 4 JSPF and circulate dye to determine cement volume.

- 15. Depending on depth of hole and circulating pressure, a packer or cement retainer may be needed.
- 16. Mix and pump sufficient cement (Class B or equivalent, with a setting time of 2 hours) to circulate to surface. Shut bradenhead valve and attempt to walk squeeze to obtain a 1000 psi squeeze pressure. WOC.
- 17. TIH with bit and scraper and drill out cement.
  Pressure test casing to 1000 psi. TOH with bit and scraper.
- 18. TIH with retrieving head for RBP. Circulate sand off of RBP and TOH with RBP.
- 19. TIH with sawtooth collar and/or bailer and clean out hole to PBTD, if fill was found in step 7. TOH.
- 20. TIH with production string (1/2 mule shoe on bottom and seating nipple one joint off bottom) and land tubing to original depth. NDBOP. NU wellhead.
- 21. Swab well in and put on production.
- 22. RDMOSU.



## STATE OF NEW MEXICO

# ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD AZTEC, NEW MEXICO 87410 (505) 334-6178

14045

## BRADENHEAD TEST REPORT (Submit 2 copies to above address)

Date of Test	6-3-9.2	Operator Amo	co Production, 200	Amoco Court, Farmi	ngton, NM
Lease Name	G.C.U. 180	Well No	Location: Unit Se	ctionTownship	N Range W
Pressure (Sh	ut-in or Flowing)	Tubing 3/8	Intermediate	Casing 4/0 Br	adenhead 125
OPEN	BRADENHEAD ANI	D INTERMEDIATE	TO ATMOSPHERE INC	DIVIDUALLY FOR 15 MI	NUTES EACH
TIME	PRES INTERMEDIATE	SURES: CASING		BRADENHEAD FLOWED	INTERMEDIATE FLOWED
5 min		4/0	Steady Flow		
10 min.		4/0	Surges	<del></del>	
15 min		410	Down to Nothing		
20 min.			Nothing		
25 min			Gas	<del></del>	
30 min.			Gas & Water		
	i.		Water		
•••					•
	ad flowed water, chec		SALTY	SULFUR	BLACK
REMARKS	"Rem 67				
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Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

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

State of New Mexico Energy, Minerals and Natural Resources Department

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

## **OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

REQUEST FOR ALLOWARI F AND AUTHORIZATION

Ī	TO	OTRAN	SPORT OIL	AND NA	TURAL GA	S			
Operator		<i>3</i> 111/11	or or or	MILLIA	I OI IAL GA	Well A	PI No.		<del></del>
Amoco Produc	tion_	<u>Ca</u>							
Address		, ,				<b>~</b>			
Reason(s) for Filing (Check proper box)	Stree	<del></del>	arming.	100 m	NM cr (Please explai	87401			
New Well		hance in Tr	ansporter of:	_	•	•			
Recompletion	Oil		ry Gas	Effect	ive 4-1	-89			· · · · · · · · · · · · · · · · · · ·
Change in Operator	Casinghead (		ondensate 🔯						
If change of operator give name	Cashghead	044 C C	ondensate NZ		<del></del>		<del></del>	<u> </u>	90338
and address of previous operator	<del> </del>		····		<del></del>				
H DECCRIPTION OF WELL	AND ERAC	212						11	<b>**</b>
II. DESCRIPTION OF WELL A Lease Name			ool Name, Includi	na Commetica	<del></del>	l Vind a	<u> </u>	<del></del>	Lana Na
_				•			l Lease ederal of Fee	اد	Lease No.
Gallegos Canyon Unit C	om H	180	Basin_1	Dakata	<del></del>				
Location Unit Letter	: 155	<u> </u>	ect From The	5 Line	e and _ 213	O Fee	t From The _	<u> </u>	Line
Section 28 Township	29N	R	ange IQU	N, (	мрм,	San J	വ്യമ		County
		•							•
III. DESIGNATION OF TRAN						· ————			·
Name of Authorized Transporter of Oil		or Condensal		Address (Giv	e address to wh	ich approved	copy of this fo	orm is to be	: sent)
Meridian Oil Inc				P.O. B	P864 XC	- Facm	noton	nw.	87499
Name of Authorized Transporter of Casing	head Gas	o	r Dry Gas 🔀	Address (Giv	e address to who	ich approved	copy of this fo	orm is to be	: seni)
El Pasa Natural Ga	<u> </u>			Caller	Service	4990.	Farmin	aton N	m 87499
If well produces oil or liquids,	Unit S	icc. T	wp. Rgc.	is gas actuali	y connected?	When	7	3	
give location of tanks.	ذا_كـا	28 la	an liam	<u>  Ye</u>	S		12-9-	64	
If this production is commingled with that i	rom any other	lease or po	ol, give comming	ing order num	ber:				
IV. COMPLETION DATA									
Designate Time of Constitution		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'	v Diff Reg'v
Designate Type of Completion				<u>                                     </u>	<u> </u>			',	<u> </u>
Date Spudded	Date Compl.	Ready to P	rod.	Total Depth			P.B.T.D.	! •	$DI_{max}$
				1				1114.4	6.3
Elevations (DF, RKB, RT, GR, etc.)	Name of Pro	ducing Form	nation .	Top Oil/Gas	Pay		Tubing Dep	ıh	
								1 41.4	461
Perforations							Depth Casin	g Shoe	, /
									•
	TL	JBING, C	ASING AND	CEMEN'TI	NG RECORI	D			
HOLE SIZE	CASI	NG & TUB	ING SIZE		DEPTH SET	Y 10 Miles	200 M	SACKS CE	MENT
					4.7	) } \	10	3.1	/
					1.1	$d \cdot \cdot d r$		;	;
						III			. 1
						1	eriti	MARIA	
V. TEST DATA AND REQUES OIL WELL (Test must be after re	T FOR AL	LOWAL	BLE .	***************************************		on CONS	EWALLA	ATTACK TO THE STATE OF	
OIL WELL (Test must be after re	ecovery of tota	il volume of	load oil and must	be equal to or	exceed top allo	eable for this	depth or be	for full 24 i	nours.)
Date First New Oil Run To Tank	Date of Test			Producing M	ethod (Flow, pu	mp, gas lift, e	ic.)	<u>*</u>	
					. direct.				}
Length of Test	Tubing Press	ure	<del></del>	Casing Press	ite 1	77.77	Choke Size		
					الله الله الله				
Actual Prod. During Test	Oil - Bbls.			Water - Bolk			Cap MCF		
_					APR - 3	1900		in the	4.5
Z3 4 G 31/G1 1		·····			11		J	1 1 1	
GAS WELL		<del></del>		<b>₹.</b> ₽	IESIE/MMCF	557.0	<b>.</b>	1 <b>4</b> (2015)	4
Actual Frod. Test - MCF/D	Length of Te	est		Bbls. Conder	sale/MMCF	63 1 V 6	Gravity of	Condensate	11.
	narie Beer		<del></del>			<del></del>	ن بهرسور را		
l'esting Method (pitot, back pr.)	Tubing Press	enue (201nt-10	1)	Casing Fress	nie (Spat-in)		Choke Size	114 1	
	]			Ì,	<del></del>		10 c 10 c 70 c 70 c 70 c 70 c 70 c 70 c	المسترد ومنابع	
VI. OPERATOR CERTIFIC	ATE OF (	COMPL	JANCE	₩ ,			TION	01.40	1011
I hereby certify that the rules and regula				11	OIL CON	DEKV	NOH	DIVIS	ION
Division have been complied with and			above						
is true and complete to the best of my l	unowledge and	belief.		Date	Approve	d ·	* .		
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1000 han	<u> </u>					At	PR 03 1	<b>7</b> 62	7 · .
Signature	Λ.	1		∥ By_		<del></del>	$\longrightarrow A$		
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3-29-89 (E	605) 32		11	<b>!</b>		AC MELLIT			
		r cicjai		Ш	ستندر وواوالندن			4.41	. 34

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

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

  3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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DISTRIBUTIO	5 M		
94 47845			
FILE			
V.S.G.A.			
LANG OFFICE			
*********	016	1	
OPERATOR			

OIL CONSERVATION DIVISION DIVISION P. O. BOX 208 L CUNSE

SANTA FE. NEW MEXICO 87501

Form C-104 Pevised 10-01-78 Format C6-01-93 Sage I

## PERMIST FOR ALLOWARIE

QPERATOR .	REGUEST TO	ND		
PROSATION GPPICE	AUTHORIZATION TO TRANS	· · · <del>-</del>	RAL GAS	
Amoco Production Company	y		on Like II	11 11 11
501 Airport Drive Farm	ington, NM 87401		JAN 16	1985
Respon(s) for filing (Check proper box)  New Well  Recompletion  Change in Ownership		Other (Picaza bry Gas Candensate	OIL CON	J. List
Change of ownership give name and eddress of previous owner	·			
I. DESCRIPTION OF WELL AND I Com "H" Gallegas Canyon Unit	Weil No. Pool Name, Including F	Tormation .	Kind of Lease State, Federal or Fee Fu	Ledse Vo.
Location /	Feet From the South Li	no and <u>2/30</u>	Feet Fram The <u>East</u>	
Line of Section 28 Tawnsh	nip 29N Aange /	2ω , NMPM	. San Juan	County
III. DESIGNATION OF TRANSPORT Name of Authorized Transporter of CII Permian Corp. Permian (Ell	or Candenagle 52	Asarons (Give address	to which approved copy of this form to 2 Farmington, NM 8749	
Name of Authorized Transporter of Casing El Paso Natural Gas Com	nead Gae 🗀 or Dry Gas 🔀		Farmington, NM 8740	
if well produces oil or liquids.  Understan of tanza.	111 Sec. Twp. 1996.  J 28 29N 120	ls das actnoffs counset	od? , #hen (	
I this production is commingled with the	hat from any other lease or pool,	give commingling order	r number:	
NOTE: Complete Parts IV and V or T. CERTIFICATE OF COMPLIANCE	•	ا مند د	ONSERVATION DIVISION	0. <b>1005</b>
Same and the same and the same and a same and	Saka Oil Communica Division kana	1	$\mathcal{A}$ JAN 2	2 1985

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.

(Signature) Admin. Supervisor (Tille) 1-2-85

(Date)

DEPUTY OIL & GAS INSPECTOR, DIST. #3

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

If this is a request for allowable for a newly drilled or deepened well, this form must be accompenied by a tabulation of the deviation tests taken on the well in accordance with AULE III,

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.

#### STATE OF NEW MEXICO ENERGY MO MINERALS GEPARTMENT

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SAMPA PE	SAMFA FE		
FILE			
V. 1.G.A.			
LANG OFFICE			
TRANSPORTER	016	1	
	BAB		
OPERATOR			
PROBATION OF	KER		

OIL CONSERVATION DIVISION

Form C-104 Pevised 10-01-78

Page !

P. O. BOX 2088

SANTA FE. NEW MEXICO 87501

REQUEST FOR ALLOWABLE

I. AUTHORIZATION TO TRANSI	ND PORT OIL AND NATURAL GAS
Amoco Production Company	
501 Airport Drive Farmington, NM 87401	LU 1AN 16 1985
	Other (Please explain)  OIL CON. DIV.  DIST. 3
If change of ownership give name and address of previous owner	
II. DESCRIPTION OF WELL AND LEASE  Lease Name Com "H" Well No. Pool Name, including F  Gallegas Canyon Unit 180 Basin Dakota	State, Federal or Fee Fig.
Unit Letter J: 1550 Feet From The South Lin	e and 2130 Feet From The <u>Fast</u> 2W , NMPM, San Juan Caunty
Name of Authorized Transporter of Calinghead Gas or Dry Gas El Paso Natural Gas Company  If well produces oil or liquids, Unit Sec. Twp. Sqs.	Address (Give address to which approved copy of this form is to be sent)  P. O. Box 1702 Farmington, NM 87499  Address (Give address to which approved copy of this form is to be sent)  P. O. Box 990 Farmington, NM 87401  Is good actually connected? When
If this production is commingled with that from any other lease or pool, NOTE: Complete Parts IV and V on reverse side if necessary.  VI. CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
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.	APPROVED JAN 22,1985
Solaw (Signature) Admin. Supervisor (Title) 1-2-85 (Date)	TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3  This form is to be filed in compliance with RULE 1104.  If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  All sections of this form must be filled out completely for allowable on new and recompleted wells.  Fill out only Sections I. II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.  Separate Forms C-104 must be filed for each pool in multiply completed wells.

	Dt3 Nmorb
	AZTEC
	٠.
	W. Carlotte
ON	
	form C-103
	Revised 10-1-76
occ III	Sa. Indicate Type of Lease
1985 ][]]	State Oil 6 Gas Lease No.
ON DIVISION	5. State Oil & Cas Lease No.
EE CHARMAN	Annumanna Contraction
2 E = V & 1 R .	VIIIIIIIIIIIIIII
<del></del>	7. Unit Agreement ficase Gallegos Canyon
	Gallegos Canyon Unit Com H
	8. Farm of Lease Isame
	g, Well No.
	180
	Basin Dakota
PEET PROM	FIRMINITING
) t.r	
<u> </u>	
	12. County
	San Juan
Report or Oth	ner Data
-	REPORT OF:
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dates, including	estimated date of starting any proposed
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Total de	epth of the well
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er. Kett	ived plug. Land- . Released the
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• 2£	JUN 2 8 1985
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C	ML CON. DIV.
	DIST. 3
liet.	
	_
sor	6-21-85

ENERGY AND MILIERALS DEPARTMENT		a de la companya de
	OIL CONSERVATION DIVISION	
DISTRIBUTION	P. O. BOX 2084	Form C-103 Revised 10-1-76
JANTA FE	SANTA FE. NEW MEXICO 87501	
PILE		Sa. Indicate Type of Lease
U.S.G.1.	W JUL 10 1985 IL	State Fee X
OPERATOR		S. State Otl & Gas Lease No.
	THE SERVICE DIVISION	
STANA VACUALLS	ES AND REPORTS ON WELLS	All Illiani
OF ELACORET OF WASTERN DER TOR OOF	DBILL OR TO DESPEN OF PLUE SACE TO A DIFFERENT RESERVOIR. SHILL OR TO DESPEN OF THE SACE PROPOSALE.	
1.		7. Unit Agreement flame
OIL SAN X OTHER	_	Gallegos Canyon
2. Name al Operator		Unit Com H
Amoco Production Co.	<i>((</i> ) <i>)</i>	
1. Address of Cperdiar		g, Well No.
501 Airport Drive Fe	mminoton N. W. 07/01	180
501 Airport Drive, Fa	rmington, N M 8/401	10. Fleid and Pool, or Wildta
	0	1
UNIT LETTER	FEET FROM THE South LINE AND 2130 PEET FR	······································
	0.01	
THE EAST LINE, SECTION 28	TOWNSHIP 29N SAVEE 12W SM	~
mmmmm	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	5338! KB	San Juan Allalla
Check Appropria	ate Box To Indicate Nature of Notice, Report or (	Other Data
NOTICE OF INTENTIO	N TO: SUBSEQUE	NT REPORT OF:
ACRFORM REMEDIAL WORK	PLUE AND ASANDON AEMEDIAL WORK	ALTERING CASING
	COMMENCE ORILLING OPHS.	PLUC AND A 84400 NWENT
MILL OR ALTER RAFIE	CHANGE PLANS CASING TEST AND CEMENT JOS	
	OTHER	
97H\$4		
Describe Proposed or Completed Operations (C. work) SEE RULE 1103.	learly state all pertinent details, and give pertinent dates, includi	ing estimates agre of starting any proposes
Manad da and otto 1		
moved in and rigged up	p service unit on 5-3-85. Total	depth of the well
is 3963 and plugback	depth is 5924'. Set tubing plug	at 5750'. Pre-
ssure tested tubing to	o 1500 psi with 2% KCL water. Re	trieved nlug I and-
ed 2-3/8" tubing at 5	900' and production packer at 571	7'. Released the
rig on 5-7-85.	•	
•		PECEIVEN
		A PARINE !!!
	<u>.</u>	
	•	JUN2 8 1985
		OIL CON. DIV.
		DIST. 3
reby certify that the information above is the	e and cumplete to the best of my enawledge and helsel.	
SK C1		
1311 Shaw	Adm. Supervisor	natt 6-21 05
Secretary Control of the Secretary Control of	PROCESS OF CLASSES AND ADDRESS OF THE CONTRACT	6-21-85
$\gamma$	·	HIL SO MAE
₩	SUPERVISOR DISTRICT	JUL 28 1985

STATE OF NEW MEXICO

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TATE OF NEW MENIOR			Ot 3 N. OCD Azte
STÂTE OF NEW MEXICO YERGY AND MINERALS DEPARTI	MENIT		Azte
OP. OF CONTRACTOR	T) ÖILC	ONSERVATION DIVISION	
DISTRIBUTION	-	P.O. BOX 2088	Form C-103
SANTA FE	SAN		Revised 19-1-7
FILE			Sa. Indicate Type of Lease
U.S.G.S.	<b>□</b> · //		
LAND OFFICE		APR 22 1985	State Fee X
OPERATOR	` d\	Mrk 25 1985	5. State Oil & Cas Lease No.
		CONSTRUCT	
รบุทเ	DRY NOTICES AND	REPORTS ON MELDINISION	
USE "APPLIC	ATION FOR PERMIT -" IFO	nm C-101 From Sychimicarosals.)	
au C	r.		7. Unit Agreement Name
MELL MELL X	OTHER- 1	- Constitution Dark Bridges	Gallegos Canyon Unit
ame of Operator	_	Š.	8. Farm or Lease I-amé
Amoco Production	n Co.		
cdress of Operator			9. Well No.
501 Airport Driv	/e, Farmingto	on, N M 87401	180
ocation of Well	<del></del>		10. Field and Pool, or Wildran
Т	1550	THE SOUTH LINE AND 2130 FE	Basin Dakota
UNIT LETTER	FEET PROM	THE LINE AND /E	" THITTHING TO THE TOTAL """"
east	28	29N AANGE 12W	
THE COLD CINE, SEC	TION 40 TO	WHENTP 29N RANGE 12W	- nr
mmmm	1 Elevati	on (Show whether DF, RT, GR, etc.)	12. County
	(1)	5338' KB	San Juan
	777777		
Check	« Appropriate Box :	To Indicate Nature of Notice, Report	or Other Data
NOTICE OF	INTENTION TO:	SUBSEC	QUENT REPORT OF:
			_
FORM REMEDIAL WORK	PLUG A	AND ABANDON REMEDIAL WORK	ALTERING CASING
		COMMENCE DRILLING OPHS.	PLUG AND ABANDON MENT
L OR ALTER CASING	EHANG	E PLANS CASING TEST AND CEMENT JOS	
Domesia		OTHER	
Repair	·		_
Describe Proposed or Completed work) SEE RULE 1503.	Operations (Clearly state	e all pertinent details, and give pertinent dates, in	cluding estimated date of starting any proposed
,		•	
			·
			·
Amoco Production	1 Co. request	s approval to repair the	above referenced well
according to the	attached pr	ocedure.	and the Equation of West
3	•		
	•		
			RECEISE
			M
•			APR 1 8 1985
			OII 000
			OIL CON. DIV
		• • •	DICT A
			1-191' 3
nereby certify that the information	on above is true and com:	piete to the best of my knowledge and belief.	
010	· · · · · · · · · · · · · · · · · · ·		
イシスシス	lua	Adm. Supervisor	A /12 /0E
		Aum. Supervisor	4/13/85
			APR 1 8 1985
$(A \land A)$		SUPERVISOR DISPRICT # \$	WI IV T 0 1000
	<del>\</del>	TITLE	DATE
ITIONS OF APPROVAL, IF AN	<b>√.Ã</b>	The state of the s	and the second s
			en e

## FARMINGTON DISTRICT WORKOVER

دسخ

ENG-40

	DATE: 4/2/85
OPERATIONS TO BE PERFORMED: (CIRCLE ONE)	RECOMPLETION REPAIR SERVICE
LEASE AND WELL GOU COM H #180	FIELD Basin Dakota
FORMATION Dakote	LOGS Induction Log
LOCATION SE/4, Sec 28, T.29N, RIDW	San Juan County, New Mexico
COMP. DATE 10/64 EL: 5338 KR	
csg: <u>4-12 " 10.5 # J.55 @ 5961 "</u> :	8. 1/8 " 24.0   J-55 0 358 "
COMP. INT. 5794-5900	ORIG. STIM. 63.500 golf x 60.000
IP7568 MCF)	CURRENT PROD. INT. Scare
PURPOSE: Repair Casing Leak	
TKA TWE GOM 6/PERMITTING DESK BJW DHS MCH RGH BYD GMK WELLBORE SKETCH	ENGR DNE  Note: Formation is sensitive  to water. Work well  hot.  PROCEDURE
,, ,	Retrieve Piston.
set at 5 1000 psi 3. TOH with	g plug at 5650. (Tubing stop is 700%) Pressure test tubing to with 2% KCl water. 12-36" tubing and Baker Model Packer is set at 5717. Visually
inspect bubin Remove tubin Remove tubin 2-3% @ 4. TIH with 5825' Set BP a	ng and replace any suspect joints.  ng plug. Rabbit tubing.  BP, packer, and 2.3% tubing.  + 5750. Load hole with 27 KCl
5802 Water. Le	ocate casing leak at approximately
5, Establish ra	ate through leak and squeeze
with 50.	SK Class B. To
PBD-5924° 6. Drill out	cement and pressure test casing
to 1500	
DISTRICT MANAGER WHOCOME THE	
DISTRICT ENGINEER The Standard Form.	
DISTRICT FOREMAN	· ·
ENGINEER Morris Bell ext 244 (5	78-9751
DATE	and the second s

ENGSPE

7. Unload hole with nitrogen and setsieve BP.

8. Clean out to PBD with nitrogen.

9. Land 2-38 tubing et 5900.

particular de la particular de la companya de la co

DIVENTOUTION

OIL CONSERVATION DIVISION r. 6, BOX 20 SANTA FE, NEW MEXICO 87501

BANTAFE U. 8 .44 . 8 . LAND UFFICE REQUEST FOR ALLOWABLE TRANSPORTÉR AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS Amoco Production Company 501 Airport Drive, Farmington, N.M. 87401 Reason(s) for liling (Check proper box) Other (Please explain) New Well Change in Transporter of: Dry Gas Recompletion Change in Ownership Casinghead Gas Condensate If change of ownership give name and address of previous owner DESCRIPTION OF WELL AND LEASE | Well No. | Puol Name, Including Formation Kind of Lease Legae No. Gallegos Canyon Unit Com "H' 180 Basin Dakota State, Federal or Fee Fee Location South Line and 2130 1550 Feel From The East Unit Letter 28 29N 12W San Juan Township Line of Section Range NHPM County DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS or Condensate 🔀 Nome of Authorized Transporter of Off Address (Give address to which approved copy of this form is to be sent) Plateau, Inc. P.O. Box 489, Bloomfield, N.M. 87413 or Dry Gas [X] Address (Give address to which approved copy of this form is to be sent) P. O. BOX 990 " -- FARMILIGTON, NEW, MEXICO Is gas octually connected? When 28 29N • 12W give location of tanks. .T If this production is commingled with that from any other lesse or pool, give commingling order number: COMPLETION DATA Gas Well Tayostower Deepen Oll Well New Well Same Has'v. Dill. Rea'v Designate Type of Completion - (X) Date Compl. Ready to Prod. Total Depth P.B.T.D. Elevations (D) 7, RT, GR, etc.j Name of Producing Formation Top Oil/Gas Pay Tubing Depth Perforations Depth Casing Shoe TUBING, CASING, AND CEMENTING RECORD HOLE SIZE CASING & TUBING SIZE DEPTH SET SACKS CEMENT (Test must be after recovery of total volume of load all and must be equal to at exceed top allow able for this depth or be for full 24 hours) TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL Date First New Oll Run To Tanks Date of Test Length of Test Tubing Pressure Actual Prod. During Test Oil - Bbla. Water - Bbls. DIST. 3 GAS WELL Actual Prod. Tool-MCF/D Length of Test Bble. Condensate/MMCF Gravity of Condensate Teaung Method (suot, back pr. ) Tubing Pressure (Shut-in) Cosing Pressure (Shut-in) Choke Size CERTIFICATE OF COMPLIANCE **OIL CONSERVATION DIVISION** APPROVED hereby certify that the rules and regulations of the Oil Conservation Division have been compiled with and that the information given above is true and complete to the best of my knowledge and belief. SUPERVISOR DISTRICT # 3 This form is to be filed in compliance with RULE 1104,

(Siznature)

District Administrative Supervisor

If this is a request for silumatic for a newly drilled or deapsent 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 allow able on new and secompleted wells.

Fill out only Sections I. II. III, and VI for changes of owner, ill name or number, or transporter, or other such change of condition. Separate l'uma G-104 must be filed for each poul in multiply

September 28, 1983 (Date)

	'en and of Alfald Alfaldo								
ĘI	ERGY 410 MINI HALS DEPARTMENT				Form C-104 Revised 10-1-78				
	DISTRIBUTION		RVATION DIVISI . Box 2018	ION					
	SANTA FE	•	NEW MEXICO 8750	1					
	LAND OFFICE	PENIEST	EOD ALLOWADIE	المامير والمستدرة الإنجاز المستدر الم					
	TRANSPORTER OIL AND								
1	OPERATION AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS								
	AMOCO PRODUCTION COMPANY  Address  501 At FRONT Private Remains and Private Remains an								
	501 Airport Drive, Fa	rmington, NM 87401	. Oil-	SANTA FE					
	Reason(s) for filing (Check proper bo		Other (Plea	ase explain)					
	Recompletion		ry Gas						
	Change in Ownership	Casinghead Gas Ca	ondensate X 60	<u>c</u>	·				
	If change of ownership give name and address of previous owner								
n	DESCRIPTION OF WELL AND		· ·						
	Callegos Canyon Unit Co	m''H'' 180 Basin Dako	•	Kind of Lease State, Federal or Fee	Fee Lease N				
	Location	÷							
	Unit Letter J;	1550_Feet From The <u>South</u>	Line and2130	Feet From TheE	ast				
	Line of Section 28 To	ownship 29N Range	12W , NMF	рм, San Juan	Count				
III.	DESIGNATION OF TRANSPOR	TER OF OIL AND NATURAL			, , , , , , , , , , , , , , , , , , , ,				
	Nome of Authorized Transporter of Of Giant Industries, Inc.	<b>A</b> -		s to which approved copy of Farmington, NM	•				
	Name of Authorized Transporter of Ca	stinghead Gas of Dry Gas 🔀		Farmington, NM so which approved copy of					
	El Paso Natural Gas Company  P.O. Box 990, Farmington, NM 87401  [If well produces oil or liquids, Unit Sec.   Twp.   Rge.   Is gas actually connected?   When								
	give location of tanks. J 28 29N 12W								
IV.	If this production is commingled win COMPLETION DATA	Oil Well Gas Wel			ACCOUNTS OF THE PROPERTY OF TH				
	Designate Type of Completion		New Well Workover	Deepen Plug Ba	sck   Same Res'v.   Diff. Res				
	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 C	asing Shoe				
		TUDING CASING	ND CENENTING BECO	Ph					
	HOLE SIZE	CASING & TUBING SIZE	AND CEMENTING RECO	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	SACKS CEMENT				
v.	TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must b	e after recovery of total val	ume of load oil and must b	e equal to or exceed top allo				
•	OIL WELL Date First New Oil Run To Tanks	able for this	Producing Method (Flo	(1)					
				CFI FIV	FD/				
	Length of Test	Tubing Pressure	Casing Pressure	Michael	1981				
	Actual Prod. During Test	Oil-Bhis.	Water - Bbls.	OR CON	COM.				
		L	<u> </u>	Of COIN	37.3				
1	GAS WELL Actual Prod. Teet-MCF/D	Length of Test	Bbis. Condensate/MMC		of Condensate				
	Teeting Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shui	t-in) Choke Si	110				
l			•						
7.	CERTIFICATE OF COMPLIANC	E	OIL C	ONSERVATION DIV	VISIONDEC 8 - 198				
1	hereby certify that the rules and re	egulations of the Oil Conservation	APPROVED						
	Division have been complied with above is true and complete to the	best of my knowledge and belief	1. BY	half Stoy	ner for				
	. 000	0 1	TITLE	SUP	PERVISOR DISTRICT # 3				
	J. Sin	boda	E 2	be filed in compliance	e with RULE 1104. I newly drilled or deepend				
-	(Signal		well, this form mus	t be accompanied by a	tabulation of the deviation				
-	District Adminis (Tid	trative Supervisor	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.						
	10/28/81		Fill out only	Sections I. II, III, and	VI for changes of owner				
-	(Dat	¢)	wall name or number, or transporter, or other such change of condition						

#### OIL CONSERVATION COMMISSION

BOX 697

120 EAST CHACO

MAIN OF

AZTEC, NEW MEXICO

NOTICE OF GAS CONNECTION

Pan American	Petrolem Corpora	tion
Gallegos Canyon No. 180 Unit #1	well unit	28-29-12 S·T·R
Basin Dakota	El Paso Na	turnl Gas Company Me of Purchaser
ADE ON December 8, 1964, ,	FIRST DELIVERY	December 9, 1964 DATE
noke 7,568		
ITIAL POIENTIAL	El Paso I	latural Gas Company
	PURCHASER	riginal Signed By W. M. Rodgers
		ATIVE ATIVE

CC: TO OPERATOR Fort Worth and Farmington

OIL CONSERVATION COMMISSION - SANTA FE

F. N. WOODRUFF - EL PASO

Book ADAMS

FILE

12/11/11

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	NO. OF. COPIES RECEIVED							ਹ <b>ੇ</b>			
	DISTRIBUTION SANTA FE		NE				TION COMM			Form C-104	
	FILE /	1		KE	:UUESI	FOR ALL	OMARLE	Ŧ		Supersedes Old C-1 Effective 1-1-65	104 and C-1
	U.S.G.S.	AU	THORIZ	ZATION	TO TRA		OIL AND	NATURAL	GAS		
	LAND OFFICE	1					9		_ 0		
	TRANSPORTER GAS /	-			•		2	5			
	OPERATOR ,	1					MAIN	ئة ت			
I.	PRORATION OFFICE	-					æt.	~			
-	Operator	22222									
	PAN AMERICAN	PETROLE	SUM CO.	RPORAT	LON						
	Security Life	Rui la	ino. D	enver.	Color	ada				•	
	Reason(s) for filing (Check proper box		69	CHVCL	00101		Other (Pleas	e explain)			
	New Well		nge in Tro	insporter c	of:		٠, ١	nee 2-1	1-71,		
	Recompletion	Oil			Dry Ga	s 🔲	Pan Ame	rican P	etro. Co	ro vrh•	
	Change in Ownership CHA	NCE	ingheal G	as 📗	Conder	sate X	has cha	inged 10 MOCO PRO	emen e,		
	If change of ownership give name and address of previous ownership	~·	1				AJ	MOCO 2110	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	and address of previous owner.	(the-			······································	· · · · · · · · · · · · · · · · · · ·	·				<del></del>
II.	DESCRIPTION OF WELL AND	LEASE		•							
	Lease Name	Com "	" H"	Well No	Pool Na	me, Includin	g Formation		Kind o	f Lease	<del></del>
	Gallegos Canyon -196-Un	#t		1	Bas	in Dako	ta		State,	Federal or Fee <b>F</b>	ee
	Location	50		180		0.15	20		77		
	Unit Letter J; 13	50 <sub>Fee</sub>	t From Ti	he Sou	Lin	21	. <i></i>	Feet Fr	om The Ka	BC	
	Line of Section 28 . To	wnship 2	9N	F	Range 10		O, NMPI	San	Juan		County
	710	,		<u>-</u>	(	Commence of the last of the la	, Miller	IVI,	<del></del>		County
III.	DESIGNATION OF TRANSPORT							······································			
	Name of Authorized Transporter of Oil		or Conde	nsate 🔼	)	1				of this form is to be	e sent)
	Graves Oil Company Name of Authorized Transporter of Car	singhead G	as 🗀	or Dry Go	78 <b>- 3</b> 0	1		•		New Mexico of this form is to be	e cent)
	El Paso Natural Gas Con			0. 2., 0.		1				New Mexico	3 301667
	If well produces oil or liquids,	Unit	Sec.	Twp.	Rge.		ually connec	•	When		
	give location of tanks.	J	28	29N	10W	Y	es		12-	9-64	
	If this production is commingled wi	th that fro	m any ot	ther lease	e or pool,	give commi	ingling orde	er number: ;			
IV.	COMPLETION DATA		TOIL W	(91)	as Well	New Well	Workover	Deepen	Plug B	ack   Same Res'v.	Diff Book
	Designate Type of Completic	on $-(X)$	1		ads well	I Wew Well	Workover	l I	l l	dck Sume Res-V.	Dill. Res
	Date Spudded	Date Cor	npl. Read	y to Prod.		Total Dept	th	<u> </u>	P.B.T.	.D.	<u> </u>
		-									
	Pool	Name of	Producing	g Formatio	n	Top Oil/G	as Pay		Tubing	Depth	
										<u> </u>	
	Perforations								Depth	Casing Shoe	
			TUB	ING. CAS	SING. AND	CEMENT	ING RECO	RD			
	HOLE SIZE	CA		TUBING			DEPTH			SACKS CEMEN	IT
					,						
										<del></del>	
		<del> </del>					··			<del></del>	
. 17	TEST DATA AND REQUEST F	OP ALL	OWARI	F /Tont		<u> </u>		of load			
٧.	OIL WELL	OR ALL	OWADL				full 24 how		oti ana must	be equal to or exce	ea top allo
	Date First New Oil Run To Tanks	Date of 1	Test			Producing	Method (Flo	w, pump, ga	s lift, etc.)		
	Laurah of Took	Tubing F	20000000			Contra De			Ch-h-	St	
	Length of Test	I uping F	-lessure			Casing Pro	essure	•	Choke	COFIL A	
	Actual Prod. During Test	Oil - Bbls	s.			Water-Bbl	s.		Go -	#1.FIVFN	<del>/</del>
									7.5	(FOFI & FD	<b>\</b>
										SEP 28 1965	
	GAS WELL Actual Prod. Test-MCF/D	Length o	f Test			Bhle Con	densate/MM(	25			
	nettar rioar rest-mor/s	Length				Bbis. Con	densare/ MMC	J.F	40	Mer <b>con</b> :•Goi	<b>"./</b>
	Testing Method (pitot, back pr.)	Tubing F	ressure			Casing Pro	essure		Choke	DIST. 3	/
			_			<u> </u>					
VI.	CERTIFICATE OF COMPLIAN	CE					OIL	CONSER	VATION	COMMISSION	-
								00	1005		
	I hereby certify that the rules and Commission have been complied					APPRO		Eb zo	1965	, 19	
	above is true and complete to the					BY	_EU	nny	Ulla	ref	
		1				TITLE		<u>.</u> .	<b># 2</b>		<u> </u>
		C- 1	//				•	sor Dist.			
*	John	<i>QOU</i>	So	$\checkmark$		H			-	nce with RULE 11 a newly drilled o	
	(Sign	ature)	1	-1		well, th	is form mu	st be accor	mpanied by	a tabulation of th	
	Administrative Assista					11				ith RULE 111. led out completel	v for allow
	September 27, 1965	itle)	<b>v</b>			able on	new and r	ecompleted	wells.	•	•
		ate)								only for changes her such change o	
	1111					Sep	arate Forn		-	ed for each pool	
						complete	ed wells.			-	-

## NEW MEXICO OIL CONSERVATION COMMISSION

NUMBER OF COPIES RECEIVED

DISTRIBUTION

SANTA FR

FILE

U.S.d.S.

LAND OFFICE

TRANSPORTER

GAS

PRORATION OFFICE

Santa Fe, New Mexico

## WELL RECORD

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.)	MAIM		ypy Pa			
	1		19.			
				X		
3		13				

Depth Cleaned Out.....5924

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE

If State Land submit 6 Copies

0. 0.0									EA 640 ACRES WELL CORRECT	
PAN AME	RICAN PI	PROLEUM CO	RPCRATION rater)	Gallegos	Canyon	No. 18	O Unit		14	**************
Well No	1	in W	% of SE	¼, of Sec	28	, Т.	29-N	, R.	O-W	, NMPM
		. ,	- 							,
Well is	1550	feet from.	South	line	snd	21.30	feet fi	001	East	line
			tate Land the Oil					:		
			- 29							
•		•	ıs Drilling							
	•		er 71, San A							
		· -	ng Head53					. ,		
		at lop of lubit	•			The in	ormation give	n 15 to D	e kept connde	ntial unti
01040 F1 T 00 T1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***************************************		, 20			i				
			Ì	OIL SANDS (						
•			5860 (Gas	_	_					
No. 2, from	<u> 5860 </u>	t	<b>5</b> 900 (Gas	<u> </u>	No. 5, from.	********	*******************************	to	***************************************	
No. 3, from		t	O		No. 6, from	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		to	•••••••	******
			YMER	OBTANT WA	THE GAM	n <b>a</b>				
Include data	on rate of v	vater inflow and	elevation to which			,				
			to				feet			
•			to					•••••••••••••••••••••••••••••••••••••••		• • • • • • • • • • • • • • • • • • • •
			to							
			······································					*************	***************************************	
140. 4, 110m.	***************************************	***************************************	······································						*************************************	
				CASING B	ECORD					
SIZE	PER P			KIND (		T AND ED FROM	PERFORAT	TONS	PURPOS	ing .
8-5/8"	24#	New	346	Guide	e		· (%)		Surface	
4-1/2"	10.	5# New	5987	Guid	е				Oil Stri	
<del></del>									4. 1. 1.	1 10
	<u> </u>							<del></del>		1
			MUDDIN	G AND CEM	enting b	ECORD				·
SIZE OF HOLE	SIZE OF CASING	WHERE	NO. SACES OF CEMENT	MEX	Hod ED		MUD RAVITY	/	141144	
12-1/4"	8-5/8"	358	200	Howco 1	Plug			1/2	TEIVER	<del>}</del>
7-7/8"	4-1/2"	5961	1315	Howco 2				1		
				<del> </del>			······································	1-11	NA 1964	
	· · · · · · · · · · · · · · · · · · ·		RECORD OF	PPARIOTI	ON AND S	TOTAL ASS	TON	'\ठा	CON. CO	<del>///</del>
									DIST. 3	
Perfor	ated Ma	<b>(Record t</b> i in Dakota	he Process used, I 5870–5900 vr	No. of Qts. or ith 2 sho	ts per j	interval i	treated or sho Fractured	<b>e)</b> these	perforati	ions
and 40,0	000 gall 00 pound	ons water s sand. B	he Process used, 1 5870-5900 with containing preakdown pro- Bridge place and the second second process and the second process are	1% calciu essure 17	m chlori 00 psi.	de and average	7 pounds e treatin	J-2 p g 2850	er 1000 g	allons rage
<u>injectio</u> Perforati	n rate 4 ed Grane	6-1/2 BPM.	Bridge plu	ug set at	5850 ar	nd test	ed with 3	000 ps	i. Ťest	CK.
20,500 gg	llons w	ater treat	ed as above ating 2800	and conta	aining 2	20,000	oounds sa	nd. B	reak down	pres-
bridge p	lug and	verage tre cleaned we	aoing 2000] 11 up.	par, aver	age inje	colon i	rate 30 B	rm. D	LITTED ON.	<b>Մ</b>
2-3/8	tubing	set at 58 matter ルー1	11 up. 25 with pack /2 " casing Basin Dako	ker set a loaded w	t 5817. ith wate	Annuli er cont	us betwee aining co	n 2-3/ rrosio	8" tubing n inhibit	and or.
Well com	pleted 1	0-19-64 as	Basin Dako	ta Field	Develor	ent We	ll. Prel	imi nar	y test 65	00
			***********				*************	*********	***************	***********

#### RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

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Cable to	ols were u	sed from	feet to		feet, an	d from	<i>,</i>	feet to	o	feet.
	2			PRODU	OTION					ï
Put to P	roducing.	Shut	In October 19	, 1964						
OIL WE	er.r., Ti	he producti	on during the first 24 hours was			hav	male of lic	wid of which		
012 111										
	W	18 OIL;	was emulsion	<b>'</b>	78.19.22.7	.% water	; and	11 1 1 1 1 1	% was sedime	nt. A.P.I.
			**************************************							
GAS WI	ELL: T	ne producti	on during the first 24 hours was	6500		M.C.F. pl	us	0	-i	barrels of
	lig	uid Hydro	carbon. Shut in Pressure. 207					. 😯		
Langth	۳) of Time S	thut in	18 Hours				O ,		11,50	
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PLE	CASE IN	DICATE I	Southeastern New Mexico	(IN CON	PORMANO	E WITI	i GEOGI	- 9		
T. Anh				nian	•		<b></b>	4 4 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	tern New Mexic	
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T. Gray	burg	***************************************	T. Gr. V	Vash	•••••		T.	Mancos		••••••
T. San	Andres	•••••	T. Grani	te		•••••	<b>T.</b>	Dakota	***************************************	
T. Glor	ieta		Т	•••••••	,		т.	Morrison	350.3	
T. Drin	kard		Т	••••••••••			т.	Penn	••••••	
T. Tubl	b <b>s</b>		<b>T.</b>				Т.	•••••	***************************************	
T. Abo.			<b>T.</b>		,	••••••	Т.	***************************************		•
T. Penr	1	••••••••	Т	••••••••				***************************************		•••••
T. Miss			•	•••••			т.	***************************************		•••••
			FOR	RMATIO	N RECO	RD				
From	To	Thickness in Feet	Formation		From	То	Thickness in Feet		Formation	
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0	1265	1265	Surface Sand and Sh	מו.						
1265	1420	155	Pictured Cliffs	116	İ		1			
1420	2990	1570	Levis Shale							ŧ
2990	4000	1010	Mesaverde							
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4934 5304	5304 5702	370	Gallup Base Gallup	***	. : :	Your			12.4.22	ارسله البال
5702	5750	48	Greenhorn		į					
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5860	5965	105	Main Dakota		·			!		
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· ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Farmington, New Mexico

October 28, 1964

(Date)

Company or Operator PAN AMERICAN PETROLEUM CORP.

Address P. O. Box 480, Farmington, New Mexico.

MAIR UT 10 AH 8

# TABULATION OF DEVIATION TESTS PAN AMERICAN PETROLEUM CORPORATION GALLEGOS CANYON UNIT 180 WELL NO. 1

DEPTH	DEVIATION
3581	1/40
8901	1/40
1611'	1/20
2042!	·lo
2425!	10
28661	lo
3430 <b>'</b>	10
3680¹	10
41851	1-1/40
44151	10
49061	10
51681	10
5810'	10

## 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 180 Well No. 1, Basin Dakota Field, located in the NW/4, SE/4 of Section 28, T-29-N, R-12-W, San Juan County, New Mexico.

Signed 7. 17. Hallegword
Petroleum Engineer

	MEXICO)	<b>NEW</b>	OF	ATE	ST	THE
SS.	)					
	N )	JU	SAN	OF	YTI	COUN

BEFORE ME, the undersigned authority, on this day personally appeared F. H. Hollingsworth known to me to be Petroleum Engineer 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 28th day of October, 1964.

Notary Public

My Commission Expires February 27, 1965.



## NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103 (Rev 3-55)

## MISCELLANEOUS REPORTS ON WELLS

		(S	Submit to app	ropriate Disti	ict Off	ice as	per Com	O mission 🛐	la 1106)		
Name of Com	pany					Addres	s		· ·		
	RICAN PETF	OLEU!	M CORPORAT	TION		P.	<b>О.</b> Вох	480, Fa	.mington,	New	Merico
Lease Gallego	s <b>C</b> anyon l	10. l	80 Unit	Well No.	Unit	Letter J	Section 28	Township	) <b>_</b> N	Rang	e R-12-W
Date Work Pe			Pool	D . 1 D . 1				County	C T		
· · · · · · · · · · · · · · · · · · ·	·			Basin Dako S IS A REPOR		(Chack		us block)	San Ju	an	
☐ Besiesi	ing Drilling Op	eration		Casing Test				Cher (E	Extilain):	<del></del>	
	•	C1411011		Remedial Wor		,	•		t of Pote	entia.	l Test
Pluggin			ليا	tity of material		1	-11				
Potentia	7 Test Oct	tober	26. 1964	Potential Flowed 547 MCFPL	7568	MCFPD	through tubin	igh 3/4" ig pressi	re after	TEN 181	hours flow. ys 2145 psig.
Witnessed by		<del></del>		Position	<u> </u>	<u>:</u>		Company	OIL	ON. IST.	
	<del></del>		FILL IN	BELOW FOR	REME	DIAL V	ORK R	EPORTS O	NLY		
				ORI	GINAL	WELL	ATA				
D F Elev.		TD		PBT	T D			Producing	Interval	C	ompletion Date
Tubing Diam	eter	<u> </u>	Tubing Depth			Oil Stri	ng Diame	ter	Oil Stri	ing Dep	th
Perforated In	iterval(s)	·				<del></del>	····	<u>·</u>			
Open Hole In	iterval	·	······································	<del></del>		Produci	ing Form	ation(s)			
				RESU	LTS O	WOR	COVER	· · · · · · · · · · · · · · · · · · ·	······································	<del>/</del>	
Test	Date of Test		Oil Produc BPD		Produc 4CFP1			Production PD	GOR Cubic feet		Gas Well Potential MCFPD
Before Workover											
After Workover											
	OIL CONS	ERVA	TION COMMIS	SION	·	I here to the	eby certife best of	y that the inmy knowled	nformation give ge.	en abov	ve is true and complete
Approved by	a.k.	2	Kena	lick		Name	X	K.	Lun	cer	/
	ROLEUM E	NGIA	EER DÎST	. NO. 3		Position Administrative Clerk					
Date NOV	1 8 1964		ing pipelikana a Lington og k			Compa		N AMERIC	AN PETROL	EUM C	CRPORATION
Arrica di Romani	ماران المستقدية الماران المستقدية الماران المستقدية	4.0			1. top 1.1	i Stalinie	Maria 12 - 100			त्रुविको स्टिन्ही	and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t

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U.S.G.S.			1
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	OIL		
TRANSPORTER	GAS	/	Ì
PRORATION OFFI	CE		
OPTRATOR			

## NEW MEXICO OIL CONSERVATION COMMISSION SANTA FE, NEW MEXICO

FORM C-110 (Rev. 7-60)

# CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

		FILE THE	ORIGINAL AN	ID 4 COPIE	S WITH THE	APPROPRIATE OF	FICE		
Company or Operator						Lease 👼		Well No.	
PAN	AMERICAN	PETROLEUM CO	OR <b>PO</b> RATIO	N.	G	allegos <b>C</b> anyonl	b.180 Unit	1	
Jnit Letter	Section	Township	i i	ange		County			
J	28		9N	R_12W		San Juan			
Pool					1	Kind of Lease (State, 1	Fed, Fee)		
	in Dakota		Unit Letter		Section	Fee Township	Range		
	oduces oil or cor re location of tan		Cuit Letter			T-20N R-12W			
				Addr	28 ess (give add	ress to which approved			
uthorized transporte	er of oil or	condensate X							
						P. O. Box 1	L08		
_ Pla	teau, Inco	orporated				Farmington,	, New Mexico	<u>.</u>	
•		Is Gas /	Actually Con	nected?	Yes	No			
uthorized transporte	er of casing head	gas or dry ga	s TX Date Co	on- Addr	ess (give add	ress to which approved	copy of this form is	s to be sen	
	-		nected			•••			
177 70. 37 1	- 7 G					P. O. Box 9	•		
El Paso Nat		Jompany and also explain it	e Bracant diana	sition:		rarmington,	<u>New Mexico</u>		
gas is not being st	AND STAC LEGISORS	, and elec taken it	ra breaent maho.	ww.					
				•					
<u> </u>									
		REAS	ON(S) FOR F	ILING (plea	se check pr	oper box)			
	New Well .		<del> </del>	7 Cha	nge in Owner	ship			
		 Transporter (check o			= .	ship	🗆		
	Change in T	Transporter (check o	one)	Oth	nge in Owner er (explain be	_	🗆		
	Change in T		one) y Gas	Oth.	= .	_	🗆		
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	Change in I Oil Casing h	Fransporter (check o	one) y Gas	Oth.	et (explain be	olow)	RECEIV NOV3 19	<b>ED</b> 964	
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NUMBER OF COP.	RECEIVE		/-
DIE	TRIBUTION		
BANTA FE			
PILE			-
U.G.G.S.			
LAND OFFICE			
TRAMSPORTER	OIL		
THANSPORTER	GAS		! !
PROBATION OFFI	: 6	7	
OPERATOR .		,	

## NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe. New Mexico

REQUEST FOR (OIL) - (GAS) ALEOWARLE

New Well \*RecompletionX

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletio. The completion date shall be that date in the case of an oil well when new oil is deliv-

			Farmington, New Mexico October 28, 196 (Place) (Date)
E ARE	HEREBY	REQUEST	•
AN AME	RICAN PE	TROLEUM CO	ING AN ALLOWABLE FOR A WELL KNOWN AS:  DPP. ISO Unit (Lesse)  (Lesse)
, (C	company or (	Operator)	(Lease)
ل Times 1	, S	ec2 <u>8.</u>	T 29-N , R 12-W , NMPM , Basin Dakota Po
			County. Date Spudded 2-29-64 Date Drilling Completed 10-8-64
			Elevation 5338 (RDB) Total Depth 5965 PBTD 5924
Plea	ase indicate	e location:	Top OFF/Gas Pay 5790 Name of Prod. Form. Dakota
D	C 1	3 A	PRODUCING INTERVAL - 5870-5900 with 2 shots per foot.
į.			
E	P C	H	Perforations 5794-5802 with 6 shots per foot.
-			Open Hole None Depth Depth Tubing 5825
			OIL WELL TEST -
L	K	I	Chak
	X		Natural Prod. Test: bbls.oil, bbls water in hrs, min. Size
М	N C	P	Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume o
-	"   "		load oil used): bbls.oil, bbls water in hrs, min. Size
			GAS WELL TEST -
	SL and 2	2130 FEL	Natural Prod. Test: MCF/Day; Hours flowed Choke Size
tubing .Ca	(FOOTAGE)	menting Reco	
Size	Fret	Sax	Test After Acid or Fracture Treatment: 6500 MCF/Day; Hours flowed 3
			Choke Size 3/4" Method of Testing: Pitot Tube
8-5/8"	346	200	Choke Size 7/4 Method of lesting: 111000 1000
4-1/2"	5987	1275	Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and
4-1/2"	2907	1315	sand): 63,500 Gallons Water and 60,000 Pounds Sand
2-3/811	5844	1	Casing Tubing 525 Date first new Press. Press. 525 oil run to tanks Shut In
	<del> </del>		Oil Transporter Plateau, Incorporated
. 1	Mall 22-	nleted Oc	Lober 19, 1964 as Basin Dakota Field Development Well. Copies
			27, 27, 27
of Dev	iation S	urvey are	attached.
······································			/OF   FI/Ci
I here	by certify	that the info	ormation given above is true and complete to the best of my knowledge.
	NOV 3	1964	PAN AMERICAN PETROLEUM COLPORATION
			(Company or Operator)
0	IL GONSI	ERVATION	COMMISSION By: Surner CIL CON. COM
/	6	- la	(Signature) Signature
y:	MULLY	Cllun	Title Administrative Clerk
Su	nanisa D:	<u>.</u> диа /	Send Communications regarding well to:
itleSur	perviso#Di	st. # 3	Name L. O. Speer, Jr.
	O Gran		Box 480. Farmington, New Mexico

NUMBER OF COPI	ES ÁRCEIVES	·						
DISTRIBUTION								
SANTA FE		/						
FILE		/						
U.S.G.S.								
LAND OFFICE								
TRANSPORTER	OIL							
14 www.okiew	GAS							
PRORATION OFFI	ÇE							
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SANTA FE FILE U.S.G.S.					" HE	W MEXIC	co o	IL CO	NSER\	NOTTAY	COMMI	SSION	·· -/		A C-1 3-55)	03
TRANSPORTER	OIL		+		N	IISCEL	LAN	EOU:	REP	orts: oi	N WEI	LLS		•	-	ĺ
PROBATION OF	RORATION OFFICE															
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Name of Com		BTC AN	. सम्ब	TROLEUM	CORPOR	ΑΤΤΟΝ		i		480, Fa	rmino	ton. N	lew Ma	മാ വ		1
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Gallegos		n No.	18			1	<u></u>	J	28	T-29	N		R-	-12W		
Date Work Po	erformed			Pool	Basin I	Jakota	. "		19	County So	ın Jua	n				ļ
					THIS IS A		OF:	(Check	аррторті <i>а</i>		in out	.11				-
Beginni	ng Drilli	ng Ope	ration			g Test an				X Other (E	xplain):	Well	His	torv		
Pluggin	8				Reme	dial Work			_							
Detailed account of work done, nature and quantity of materials used, and results obtained.  Well was spudded on September 29, 1964 and drilled to a depth of 358'. 8-5/8" casing was set at that depth with 200 sacks cement containing 2% calcium chloride. Cement circulated to surface. After waiting on cement, tested casing with 1000# psi. Test ok. Reduced hole size to 7-7/8" and resumed drilling.  Well was drilled to a total depth of 5,965'. 4-1/2" casing was landed at 5961' with 2 stage tool set at 4089'. Cemented first stage with 400 sacks cement containing 6% gel and 2 pounds medium Tuf Plug per sack followed by 200 sacks cement. Cemented second stage with 815 sacks cement containing 6% gel and 2 pounds medium Tuf Plug per sack. Cement circulated to surface Perforated Main Dakota 5870-5900 with 2 shots per foot. Fractured these perforations with 43,000 gallons water containing 1% calcium chloride and 7 pounds J-2 per 1000 gallons and 40,000 pounds sand. Breakdown pressure 1700 psi. Average treating 2850 psi. Average injection rate 46-1/2 BFM. Bridge plug set at 5850 and tested with 3000 psi. Test ok. Perforated Graneros 5794-5802 with 6 shots per foot. Fractured these perforations with 20,500 gallons water treated as above and containing 20,000 pounds sand. Breakdown pressure 1300 psi. Average treating 2800 psi. Average injection rate 36 BFM.  Winnessed by  Winnessed by  Desirion  Company																
				FILL	IN BELO	W FOR R	EME	DIAL W	ORK RE	PORTS OF	NLY					
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D F Elev.			rd			PBTD	) 			Producing	Interva	i	Comp	letion	Date	
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Perforated In							· ·						SI P		064	
Open Hole In	terval								ng Forma	tion(s)			101	COM	CO	A.
		<del></del>		<del></del>		RESULT							بلاي	- C15	۲.3	$\mathcal{I}_{-}$
Test		ate of Test			oduction PD	Gas P M C	roduct FPE			roduction PD	GOR Cubic feet/Bbl		· > 10	Jas Wei	ll Posen	itial
Before Workover						,	,								······································	
After Workover																i
	OIL	CONSE	RVA	TION COM	MISSION		:	to.the	best of	that the in my knowledge Nabors	ge.	,			and com	nplete
Approved by Curry Ceurly							Name F. W. Hallingsving									
Title		-/	/		7,			Positio	מפ							
Date Sup	ervisor	USC./#	. 3	<u> </u>	<u> </u>	<del></del>		Compa	nv	<u> </u>	<u> </u>		<del> </del>	····		
	14 1	964			·		14 <u>.</u>		•	RICAN PE	TROLE	UM COR	RPORA	TION		ļ

2-3/8" tubing set at 5825' with packer set at 5817'. Annulus between 2-3/8" tubing and 4-1/2" casing loaded with water containing corrosion inhibitor. Well completed October 19, 1964 as Basin Dakota Field Development Well.

Preliminary test 6500 MCFD.

## Form 0-101 Revised (12/1/55)

Farmin	e Commise gton, 1	lew Mex	If State Lan	•		•	4, 1964					
	SERVAT E, NEW		MMISSION			(244)						
Gentlemen	•											
You	are hereby	notified	that it is our is	ntention to commence th	e Drilling of a well to b	e known as						
PAN AM	ERICAN	PETROI	EUM CORPORA	TION (Company	on Operators	*************************************						
	Galle	gos Car	yon No. 180	) Unit	Well No	in	.J The well is					
							(Unit) 30 feet from the					
ocated	12.20				28 <sub>T</sub> -29-N							
CIVE I					•	•	n					
(GIVE L	OCATIO	NFROM	SECTION LIN		· · · · · · · · · · · · · · · · · · ·							
	1 .	·	<del></del>									
D	C	В	A	If patented land the owner is McGee Park Association  Address Farmington, New Mexico								
				We propose to drill well with drilling equipment as follows: Rotary Tools to								
_	_				•		***************************************					
E	F	G	H	The status of plugging bond is Statewide								
	<del>                                     </del>	1	<del> </del>	****************************								
r	K	x J	1	Drilling Contractor Brinkerhoff Drilling Compare L. V. D.								
		<b>A</b>			870 Denver Club		DO 1004					
М	N	0	P	Denver, Colorado SEP9 1964								
		1					CON. COM.					
					cimate depth of	0000	DIST, 3					
1					PROGRAM							
We I	propose to	use the fe	ollowing strings o	of Casing and to cement t	acia de indicated.							
<del></del>	propose to	use the fe	ollowing strings of Casing	of Casing and to cement t	New or Second Hand	Depth	Sacks Cement					
Sis	e of Hole	use the fe	Size of Casing	Weight per Foot	New or Second Hand							
8ts 12–1/	e of Hole	use the fe	8-5/8"	Weight per Foot	New or Second Hand	350	250					
Sis	e of Hole	use the fo	Size of Casing	Weight per Foot	New or Second Hand		250 1600 (2 Stage					
8ts 12–1/	e of Hole	use the fe	8-5/8"	Weight per Foot	New or Second Hand	350	250 1600 (2 Stage tool set 100' below					
12-1/ 7-7/	/Au		8-5/8" 4-1/2"	Weight per Foot	New or Second Hand New New	350	250 1600 (2 Stage					
12-1/ 7-7/ If ch	e of Hole /4!! /8!! nanges in to	the above	8-5/8"  4-1/2"  plans become action (if	Weight per Foot  24#  10.5#  dvisable we will notify yo recompletion give full de	New or Second Hand  New  New  u immediately.	350 6000	250 1600 (2 Stage tool set 100' belo					
12-1/ 7-7/ If ch ADI Compl	e of Hole /4" /8" nanges in to	the above	8-5/8" 4-1/2"  plans become act MATION (If as indicated)	Weight per Foot  24#  10.5#  dvisable we will notify your recompletion give full detected upon reaching	New or Second Hand  New  New  New  immediately.  stails of proposed plan of total depth.	350 6000 work.)	250 1600 (2 Stage tool set 100' belo					
If che ADI Comple Copies	/gu /gu nanges in to DITIONAL Letion to es of an	the above L INFOR	8-5/8" 4-1/2"  plans become act and icas run will	Weight per Foot  24#  10.5#  divisable we will notify your recompletion give full detect upon reaching the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the furnished upon the f	New or Second Hand  New  New  u immediately.	350 6000 work.)	250 1600 (2 Stage tool set 100' belo					
12-1/ 7-7/ If ch ADI Compl Copie	/gu /gu nanges in to DITIONAL Letion to es of an	the above L INFOR	Bise of Casing  8-5/8"  4-1/2"  plans become act  MATION (If e as indicate run will in plat are	Weight per Foot  24#  10.5#  divisable we will notify your recompletion give full deted upon reaching the furnished upon attached.	New or Second Hand  New  New  New  immediately.  stails of proposed plan of total depth.	350 6000 work.)	250 1600 (2 Stage tool set 100' belo					
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If che ADD Comple Copies	manges in a DITIONAL etion as of as	the above L INFOR	Bise of Casing  8-5/8"  4-1/2"  plans become act  MATION (If e as indicate run will in plat are	Weight per Foot  24#  10.5#  divisable we will notify your recompletion give full deted upon reaching the furnished upon attached.	New or Second Hand  New  New  New  New  New  Statist of proposed plan of total depth.  Completion of well  Sincerely yours,  PAN AMERICAN I Fred L. Nabors  By. J. J.	350 6000  work.) ell. PETROLEUM CCR	250 1600 (2 Stage tool set 100' below base of Mesaverde)					
If che ADD Comple Copies	nanges in a OIT!ONAL etion tes of an	the above L INFOR	Bise of Casing  8-5/8"  4-1/2"  plans become act  MATION (If e as indicate run will in plat are	Weight per Foot  24#  10.5#  dvisable we will notify your recompletion give full deted upon reaching per furnished upon attached.	New or Second Hand  New  New  New  New  New  New  Sincerely yours,  PAN AMERICAN Fred L. Nabors  By. J.	350 6000  work.) ell. PETROLEUM CCR	250 1600 (2 Stage tool set 100' belo base of Mesaverde)  PORATION nor, District Engineer					
If che ADD Comple Copies	manges in a DITIONAL etion as of all as follows:	the above L INFOF will be my logs ocation	Bise of Casing  8-5/8"  4-1/2"  plans become act  MATION (if e as indicate run will in plat are	Weight per Foot  24#  10.5#  dvisable we will notify your recompletion give full deted upon reaching per furnished upon attached.	New or Second Hand  New  New  New  New  New  New  Sincerely yours,  PAN AMERICAN Fred L. Nabors  By. J.	350 6000  work.) ell.  PETROLEUM CCR S, (Company or Opera	250 1600 (2 Stage tool set 100' belo base of Mesaverde)  PORATION nor, District Engineer					

#### NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.	Well Location	M AMM ACTOR	ge Dedic			AUGUST 28,	1964
Operator PAN AMERICAN PETROLEUM Well No. 1 Unit Letter J Located 1550 Feet From th County SAN JUAN G. L. I Name of Producing Formation 1. Is the Operator the only owner in the	Section e SOUTH Elevation RU DAKOTA	28 Line, SPORT LATE	2130 SR	ownship 20 Fee Dedicated / Pool	RORTH C	No. 180 Range 12 WES the EAST 320	
Yes No X  2. If the answer to question one is "agreement or otherwise? Yes agreements being signed by committed (Pan Am leases) to the answer to question two is "no Owner."	no", have t	he interests	of all thanswer in	owners s'yes", ] contains Sufficle respective	been consol	solidation. Co	mmunitiza
						RELEN	<b>PD</b> 1964
Section B.		iote: All dist	LANCOS MI	ast be from	outer bound	OIL CON	COM.
This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.							
PAN AMERICAN PETROLEUM CORP.  H. H. Hollingsworth  (Representative)							
P. O. Box 480  (Address)  Farmington, New Mexico				Sec. 28			
				M	cGeq Pari	Assoc.	N
Ref: GLO plat dated 7 April 18	81				⊚ <u>  2/</u>	90'	
CHEST YOU SO FAIT CHEST MAY SEED HO		330 880 990 13	20 1680 18 Scale	00 23 10 2640 4 inches ec	2000 1500	1000 800	=' 
made b	to certify	er my superv	ve plat v	as prepare	d from field Same are tru	i notes of actu	al surveys
S A S S S S S S S S S S S S S S S S S S	nowledge a	nd belief.	Date Su	rveyed	July	30, 1964	

Registered Professional Engineer and/or Land Surveyor.

James P. Leese. No Mex. Reg. No. 1463