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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 ADMINIS TRATIVE 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 P ressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1]	TYPE OF A	PPLICATIO	N - Check 7	Those Which	ch Apply f	for [A]	The second	E II II II	
	[A]	Location - S	pacing Unit	t - Directio	nal Drillin	ıg	MAY	0.00	
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	[B]	Comminglin	ig - Storage	- Measure	ment			omentus attachementariores professor on the au	
		_DHC _	_CTB	_PLC	_PC	OLS	_OLM		
	[C]	Injection - D	isposal - Pr	essure Inc	ease - Enl	hanced O	il Recovery		
		_WFX _	PMX	$_{-}^{\mathrm{SWD}}$	– ^{IPI}	_ EOR	$_{-}^{\mathrm{PPR}}$		
[2]	NOTIFICAT	TION REQUI	RED TO:	- Check Th	ose Whic	h Apply,	or _ Does No	ot Apply	
	[A]	_ Working,	Royalty or	Overriding	Royalty I	nterest O	wners		
	[B]	X_ Offset Operators, Leaseholders or Surface Owner (ausco only)							
	[C]	_ Application is One Which Requires Published Legal Notice							
	[D]	X_ Notifica	tion and/or		~ ~	•			
	[E]	_ For all of t	the above, F	Proof of No	tification	or Public	ation is Attac	hed, and/or,	
	[F]	_ Waivers a	re Attached			٠			

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

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

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

J W Hawkins

Regulatory Affairs Engineer

5/24/99



Amoco Production Company

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

May 20, 1999

Ms. Lori Wrotenbery, 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 Com D#160 Well 1850' FSL, 1190' FWL, Unit I, Section 27-T29N-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 Com D#160 well in the Basin Fruitland Coal Pool. Amoco plans to plug back this well from the Basin Dakota Pool. The well location is unorthodox 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,

J. W. Hawkins

Attachments

cc: John Papageorge

Mary Corley
Well file
Proration file

State of New Mexico

Pool Code

71629

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

BASIN FRUITLAND COAL

311 South First,, Artesia, NM 88210 DISTRICTIII

DISTRÍČT I

DISTRICT II

API Number

1000 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 1980, Hobbs, NM 88240

DISTRICT IV

2040 South Pacheco, Sante Fe, NM 87505

30-045-07832

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Name

Property Code Property Name Well Number 000576 GALLEGOS CANYON UNIT COM D 160										
0005	76			GALLEGOS	S CANYON UP	ALL COM D				160
OGRID No. 0007	78	Operator Name		AMOCO PI	RODUCTION	COMPANY	_	E	Elevation 5	384' RDB
	Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/W	est Line	County
UNIT	27	29N	12W		1850	SOUTH	1190	EA	ST	San Juan
		Bott	om Hole	Location	If Differer	nt From Sur	face			
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/We	est Line	County
		1								
Dedicated Acreage	:	Joint or Infill	Cons	solidation Code	Order No.			•		
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GCU 389 300452815400 AMOCO FRUITLAND COAL ACT GCU 384 300452757500 AMOCO FRUITLAND COAL ACT GCU CDM D 160 300450783200 AMDCD DAKOTA INA GCU 35 410 300452873400 AMOCO FRUITLAND COAL ACT GCU 411 300452876400 BHP FRUITLAND COAL INA



DATE IN	SUSPENSE	ENGINEER	LOGGED	TYPE
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ABOVE THIS LINE FOR DIVISION USE ONLY

#### NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

#### **ADMINISTRATIVE APPLICATION COVERSHEET**

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[1]	TYPE OF A	PPLICATIO	N - Check	Those Whi	ch Apply	for [A]	Section of the sectio	res	
	[A]	Location - S	Spacing Uni	it - Directio	nal Drillii	ng	1471/ 0 0		
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	[B]	Commingli	ng - Storage	e - Measure	ment		- Arrivada Sampla ya	Promoving (1)	
		_DHC	_CTB	_PLC	_PC	_OLS	_OLM		
	[C]	Injection - I	Disposal - P	ressure Inc	rease - En	hanced O	il Recovery		
		_WFX	_ PMX	_SWD	_ IPI	_EOR	_ PPR		
[2]	NOTIFICAT	TION REQU	IRED TO:	- Check T	nose Whic	h Apply,	or _ Does Not Ap	ply	
	[A]	X_Offset Operators, Leaseholders or Surface Owner (laurce only)  Application is One Which Requires Published Legal Notice							
	[B]								
	[C]								
	[D]								
	[E]	_ For all of	the above,	Proof of No	otification	or Public	ation is Attached,	and/or,	
	[F]	_ Waivers a	re Attached	l					

#### [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.

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W Hawkins All tawful



**Amoco Production Company** 

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

May 20, 1999

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

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Sincerely,

J. W. Hawkins

Attachments

cc: John Papageorge

Mary Corley
Well file
Proration file

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 State Lease - 4 Copies Fee Lease - 3 Copies

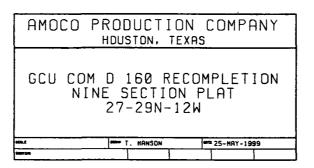
#### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	30-045-07	832	Pool Co	^{de} 716 <b>29</b>	Pool Na	Pool Name BASIN FRUITLAND COAL				
Property Code 0005	76	Property Name	GALLEGOS CANYON UNIT COM D  Well Number 160							
OGRID No. 0007	78	Operator Name		AMOCO PRODUCTION COMPANY 5384' RE					384' RDB	
				Su	rface Loca	ation				
UL or lot no.	Section	Township	Range	Range Lot. Idn Feet from the North/South Line Feet from the				East/West Line	County	
UNIT I	27	29N	12W		1850 SOUTH 1190 EAST San Juan				San Juan	
		Botto	m Hole	Location	If Differer	t From Sur	face			
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.					
NO ALLOV	VABLE W	ILL BE ASSIG	NED TO	THIS COMP	LETION UNT	IL ALL INTER	ESTS HAVE	BEEN CONSO	LIDATED	

## OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SURVEY CERTIFICATION  I hereby certify that the well location shown on this plat was plotted from field noise of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.  Date of Survey  Signature & Seal of Professional Surveyor  JAMES P LEASE		OPERATOR CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature  Printed Name  MARY  Position  SR. BUSINESS ANALYST
/ // Certificate late.		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.  Date of Survey  Signature & Seal of Professional Surveyor

GCU 389 30045281548 AMOCD FRUITLAND C 8CT	22	23
28	27 GCU CDM 1 160 •300450783 •AMOCO DRKOTA INA	26
33 30045287 B FRUITLAND	3 € 411 5400 H P COL INA	GCU 35 410 4300452873400 AMOCO FRUITLAND COAL ACT



Page: 1 Document Name: untitled

CMD : OG5SECT

ONGARD

INQUIRE LAND BY SECTION

06/01/99 12:28:38

OGOMES -TP1F

PAGE NO: 1

Sec : 27 Twp : 29N Rng : 12W Section Type : NORMAL

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U	U	U	U
A A			
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PF07 BKWD PF08 FWD		PF10 SDIV PF11	PF12

Date: 6/1/99 Time: 12:59:41 PM

CMD :
OG5SECT

ONGARD

INQUIRE LAND BY SECTION

06/01/99 12:53:43

OGOMES -TP1F

PAGE NO: 2

Sec : 27 Twp : 29N Rng : 12W Section Type : NORMAL

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PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV PF11	PF12

Date: 6/1/99 Time: 12:59:44 PM

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., Aziec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION

					. AND NA			API No.		
Operator \(\)	١.	$\wedge$					""			
Amaca Produc	Tion_									· · · · · · · · · · · · · · · · · · ·
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Reason(6) for Filing (Check proper box)	Sitte	et,	<u> </u>	gaim.	Otho	r (Please expl	8740 lain)	·		
New Well		Change in	Transp	orter of:	l-wird	•	•			
Recompletion	Oil	_	Dry G	17	Effect	ive 4-	1-89			
Change in Operator	Casinghea		•	nsate X					ച വ	2384
If change of operator give name										<u> </u>
and address of previous operator										
II. DESCRIPTION OF WELL	AND LEA	ASE							·	- 1. - 1.
Lease Namé		Well No.	Pool 1	Vanie, Includi	ng Formation			of Lease	L	caso No.
Gallegos Canvon Unit	ComD	160	B	asin_7	Dakata		Stafe	Federal or Fee	SF-09	80224
Location						,				
Unit Letter	: 185	50	Feet F	rom The	Line	and bns	<u> 9a</u> F	cet From The	_E	Line
Section 27 Township	5 30	<b>N</b>	Range	: 191	) , N	APM,	San	Juan		County
III. DESIGNATION OF TRAN	CDADTE	D OF O	11 A N	JIN NIATTI	DAT CAS					
Name of Authorized Transporter of Oil	SPURIE	or Conden				e address to w	hich approve	d copy of this for	m is to be s	ent)
<b>1</b>		Or Conden	134,0	$\bowtie$	l _ '_		-			
Name of Authorized Transporter of Casing			or Dr	Gas 🎮	Address (Giv	e address to w	hich approve	Lington 1 Lopy of this fort	n is to be so	ent)
El Pasa Natural Ga	-	L	_, _,	لکے س	· ·		• • •	Farmina		
If well produces oil or liquids,	Unit	Sec.	Twp.	Rec	Is gas actually	connected?	When		1017.1011	7-013-1-
give location of tanks.	I I	27	•	บไลเม	Ye		i	2-2-6	5.	
If this production is commingled with that f	•								-	
IV. COMPLETION DATA	· · · · · · · · · · · · · · · · · · ·									
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Date Spudded	Date Comp	pl. Ready to	Prod.		Total Depth			P.B.T.D.	,	A
					Top Oil/Cas I	Davi				-
Elevations (DF, RKB, RT, GR, etc.)	Name of Pr	roducing I c	mialio	n .	TOP CIVOAS	<b>4</b> y		Tubing Depth		J .
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V. TEST DATA AND REQUES				•				11111		ment)
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<del>-</del>		otal volume		•		exceed top all			full 24 hou	40.0
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OIL WELL (Test must be after ro	ecovery of to	otal volume st		•		thod (I-low, p			3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	400 C
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OIL WELL. (Test must be after ra  Date First New Oil Run To Tank	Date of Te	otal volume st essure		•	Producing Mo	thod (I-low, p	ownp, gas lift,	etc.)	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	400 C
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OIL WELL, (Test must be after re Date First New Oil Run To Tank  Length of Test  Actual Prod. During Test	Date of Te	otal volume st essure		•	Producing Mo	sthod (l'low, p	ownp, gas lift,	Gloke Size	SEW/AU	4019 C
OIL WELL (Test must be after red) Date First New Oil Run To Tank Length of Test Actual Prod. During Test  GAS WELL Actual Prod. Test - MCF/D	Date of Te Tubing Pre Oil - Bbls.	otal volume essure	of load	•	Casing Press Water - Bbls. Bbls. Conden	shod (I'low, p	ownp, gas lift,	Gravity of Co	SEW/AU	4000 C
OIL WELL. (Test must be after re Date First New Oil Run To Tank  Length of Test  Actual Prod. During Test  GAS WELL	Date of Te Tubing Pre Oil - Bbls.	otal volume st essure	of load	•	Producing M. Casing Press Water - Bole	shod (I'low, p	ownp, gas lift,	Gloke Size OIL UUN Gas- MCF	SEW/AU	40100 C
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OIL WELL  (Test must be after red  Date First New Oil Run To Tank  Length of Test  Actual Prod. During Test  GAS WELL  Actual Prod. Test - MCF/D  Testing Method (pitot, back pr.)  VI. OPERATOR CERTIFIC  I hereby certify that the rules and regulation have been complied with and t	Date of Te Tubing Pre Oil - Bbls.  Length of Tubing Pre ATE OF	l'est  COMP Oil Conser	of load	NCE	Casing Press. Water - Bbls. Bbls. Conden	sate/MMCF	oump, gas lift,	Gravity of Co	SENTEN	
OIL WELL (Test must be after red)  Date First New Oil Run To Tank  Length of Test  Actual Prod. During Test  GAS WELL  Actual Prod. Test - MCF/D  Festing Method (pitot, back pr.)  VI. OPERATOR CERTIFIC.  I hereby certify that the rules and regular	Date of Te Tubing Pre Oil - Bbls.  Length of Tubing Pre ATE OF	l'est  COMP Oil Conser	of load	NCE	Producing M. Casing Press. Water - Bble. Bbls. Conden	sate/MMCF	NSERV	Gravity of Co	SENTEN	
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OIL WELL  OIL WELL  Date First New Oil Run To Tank  Length of Test  Actual Prod. During Test  GAS WELL  Actual Prod. Test - MCF/D  Festing Method (pitos, back pr.)  VI. OPERATOR CERTIFIC  I hereby certify that the rules and regula  Division have been complied with and t  is true and complete to the best of my k	Date of Te Tubing Pre Oil - Bbls.  Length of Tubing Pre ATE OF	l'est  COMP Oil Conser	of load	NCE	Casing Press Water - Bble Bbls. Conden Casing Press  O Date	sate/MMCF	NSERV	Gravity of Co	SENTEN	
OIL WELL, (Test must be after red) Date First New Oil Run To Tank  Length of Test  Actual Prod. During Test  GAS WELL  Actual Prod. Test - MCF/D  Festing Method (pitot, back pr.)  VI. OPERATOR CERTIFIC. I hereby certify that the rules and regulation bave been complied with and the istrue and complete to the best of my king signature.	Date of Te Tubing Pre Oil - Bbls.  Length of Tubing Pre ATE OF	Test COMP Oil Conser	of load	NCE	Producing M. Casing Press. Water - Bble. Bbls. Conden	sate/MMCF	NSERV	Gravity of Co	SENTEN	
OIL WELL  Other First New Oil Run To Tank  Length of Test  Actual Prod. During Test  GAS WELL  Actual Prod. Test - MCF/D  Festing Method (pitos, back pr.)  VI. OPERATOR CERTIFIC  I hereby certify that the rules and regula  Division have been complied with and to is true and complete to the best of my k  Signature  B. D. Show	Date of Te Tubing Pre Oil - Bbls.  Length of Tubing Pre ATE OF	Test COMP Oil Conser	of load	NCE	Producing M. Casing Press.  Water - Bble  Bbls. Conden  Casing Press.	sate/MMCF	NSERV	Gravity of Co	SENTENDIVISION 1989	DN
OIL WELL  OIL WELL  Date First New Oil Run To Tank  Length of Test  Actual Prod. During Test  CAS WELL  Actual Prod. Test - MCF/D  Testing Method (pitos, back pr.)  VI. OPERATOR CERTIFIC  I hereby certify that the rules and regula Division have been complied with and t is true and complete to the best of my k  Signature  B. D. Show  Printed Name	Date of Te Tubing Pre Oil - Bbls.  Length of Tubing Pre ATE OF	Test  COMP Oil Consermation givend belief.	of load  Clin)  CLIAI  vation en abov	NCE	Casing Press Water - Bble Bbls. Conden Casing Press  O Date	sate/MMCF	NSERV	Gravity of Co	SENTENDIVISION 1989	DN
OIL WELL, (Test must be after red) Date First New Oil Run To Tank  Length of Test  Actual Prod. During Test  CAS WELL  Actual Prod. Test - MCF/D  Festing Method (pitos, back pr.)  VI. OPERATOR CERTIFICATION of the pest of my k  Signature  B.D. Show  Printed Name	Date of Te Tubing Pre Oil - Bbls.  Length of Tubing Pre ATE OF	Test COMP Oil Conser	of load  Clin)  CLIAI  vation en abov	NCE	Producing M. Casing Press.  Water - Bble  Bbls. Conden  Casing Press.	sate/MMCF	NSERV	Gravity of Co	SENTENDIVISION 1989	DN

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

- 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 2) Separate Form C-104 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.

  4) Separate Form C-104 must be filled for each read in multiple a matter to the

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

DISTRIBUTI	o= 1	1
SAMEA PE	1	
FILE	1	1
U.1.G.A.		
LANG OFFICE		
TRANSPORTER	016	
	GAD	
OPERATOR		
PROGATION OF	ICE !	

Form C-104 Revised 10-01-78 Format C6-01-83

#### OIL CONSERVATION DIVISION P. O. BOX 2088 CM COMMUNICATION

SANTA FE. NEW MEXICO 8750

## REQUEST FOR ALLOWABLE

PROBATION OFFICE		ANU EDOTE OU A		241 615	
I.	UTHORIZATION TO TRANS	SPURT UIL A	NU NATU	RAL GAS	•
Coerdios					
Amoco Production Company	•				
501 Airport Drive Farming	ton, NM 87401				
Reson(s) for filing (Check proper bax)	· · · · · · · · · · · · · · · · · · ·	Cit	her (Please	explaini	<u> </u>
	hange in Transporter of:	J			-
Recompletion	on	Dry Gas			
Change in Queneship	Casinghead Gas 🔲 🤇	Sandensere			
If change of ownership give name and address of previous owner					
II. DESCRIPTION OF WELL AND LEA	SE				
II. DESCRIPTION OF WELL AND LEA	fell No. Pool Name, Including	Formatten		Kind of Lease	Lease No.
Galligos Conjon Unit ComDI	160 Basin Dakota			State, Federal or Fee Federa	V 580224
250011311					
Unit Latter I : 1850 F	teet From The South Li	ne and	90	Free From The <u>East</u>	
Line of Section 27 Township	29N Range	<i>'</i> 2ω	, NMPV.	San Juan	County
III. DESIGNATION OF TRANSPORTE	R OF OIL AND NATURA			·	
Name of Authorized Transporter of Cil				o which approved copy of this form	
Permian Corp. Permian (Ell. 9/				2 Farmington, NM 87	
El Paso Natural Gas Compan	<u> </u>	P. O. B		Farmington, NM 87	
if well produces oil or liquids, Unit give location of tanks.	27 29N 124	)	ly connecte	d 7   When	
I this production is commingled with that i	from any other lease or pool,	give comming	ling order	number:	
NOTE: Complete Parts IV and V on re	verse side if necessary.				
VI. CERTIFICATE OF COMPILANCE			OIL C	DNSERVATION DIVISION	1005
hereby certify that the rules and regulations of the			ED	A JAN AS	, 1985
neen complied with and that the information given in my knowledge and belief.	is true and complete to the best of	94		Charles Shots	~~
/	•	TIT! =	DEPLIT	COLL & GAS INSPECTOR DIST	
$O \land C I$					"
15/Johan		11		be filled in compliance with at	
(Signature)		Well, this	is a requi	est for allowable for a newly do be accompanied by a tabulation	rilled or deepened n of the deviation
Admin. Supervisor		teats taker	א פולו מס ח	IJUR dilw sonsbroos al list	111.
1-2-85	C.	able on ne	w and rec	this form must be filled out con ampleted wells.	•
(Date)	The state of the s	Fill o	u: only ga	ections I. II. III, and VI for contransporter, or other such ch	hanges of owner,
CH CAN	03/985		te Forms	C-104 must be filed for each	
· Die					•
**************************************					

Furm 3160-5 November 1983)	INITED STATES	SUBMIT IN TRIPLICATES	2-10-03 100001 31 1000
Formerio 9-331) DEPARTM	MENT OF THE INTERI	OR ****** wa*)	SF-080224
SUNDRY NOTI	CES AND REPORTS C	N WELLS	0. IF IMDIAR, ALLOTTEE OR TRIBE HAME
		•	T. UNIT AMEREMBNY RAME
OIL CAP WELL OTHER		- RECEIVED	Gallegos Canyon Unit Com
Amoco Production Compan	<u>y</u>	HIL 9 9 100C	9. Wall so.
2325 E. 30th, Farmingto	n, NM 87401	JUL 2 2 1986	160
Ser also space 17 below.) At surface	erly and in accordance with the	BUREAU OF LAND MANAGEME \ FARMINGTON RESOURCE ARE	
1850' FSL x·1	190' FEL	\	11. SPC., T. A., M., OS ALK, AND SURVEY OR ARM
			NE/SE Sec. 27, T29N, R12W
4. PERMIT NO.	15. ELEVATIONS (Show whether of.	TI, UK FIGI	San Juan NM
check App	propriate Box To Indicate N	ature of Notice, Report, or (	Other Data
ROTICS OF INTERT	10H TO:	80 840 8	UBHT EBPORT OF:
	EL OR ALTER CASENG	WATER SHUT-OFF	ESPAIRING WELL X
·	ANDON"	SHOOTING OR ACIDIZING	ALTERING CARING
	IANGE PLANS	(Other)	
(Other)	( j	Completion or Recomp	s of multiple completion on Well section Report and Log form.) . including estimated date of starting any
at 5836'. Pressure tes	ted casing to 1000 p lout sand fill with	osi for 30 minutes.	set a drillable bridgeplug Milled up bridgeplug with ded 2-3/8" tubing at 5991'
~			
	423,386		
	DIV.		
1 hereby certify fam till foregoing is to	TITLE A	lm. Supervisor	ACCEPTED FOR RECORD
(This space for Federal or State office	<u> </u>		JUL 25 1986
APPROVED BY	TITLE		FARIMINGTUM NEGOUNDE AREA

*See Instructions on Revena Side

## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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DISTRIBUTI		,	7				
SA ATRAL	Ī	Ī					
FILE	ı	1					
U.S.G.A.	1	i					
LAND OFFICE		1	1				
TRAMEPORTER	OIL	1	į i				
	GAS	1					
DPERATOR	OPERATOR						
PROGATION OF	HCE	1	1				

## OIL CONSERVATION DIVISION: P. O. BOX 2088 SANTA FE, NEW MEXICO 37501

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

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

REQUEST FOR ALLOWABLE

AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

PROPATION SPECE	PORT CIL AND NATURAL GAS
L	ON FOR AND HATORAL GAS
Operator:	
Amoco Production Company	
Address	
501 Airport Drive Farmington, NM 87401	
Reason(s) for filing (Check proper box)	Ciner (Please explain)
New Well Change in Transporter of:	
Recompletion QII Dr	y Gas
Change in Ownership Casinghead Gas Ca	ndenscre
	·
If change of ownership give name	•
and address of previous owner	
II DECEMPATAN OF WITH AND LEVED	
II. DESCRIPTION OF WELL AND LEASE    West No.   Pool Name, including For	primation   Kind of Lease   Lease No.
	State, Federal or Fee Federal 580224
Gallegos Conjon Unit Com 1/60 Basin Dakota	Faira 080229
- C /	
Unit Latter I : 1850 Feet From The South Line	and 1190 Feet From The <u>Cast</u>
Line of Section 27 Township 29N Range /	2W , NMPM, San Juan County
IIL DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	GAS
Name of Authorized Transporter of CII or Candensate	P. O. Box 1702 Farmington, NM 87499
Permian Corp.	·
Name at Authorized Transporter at Casinghedd Gae ar 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
If well produces oil or liquids, Unit Sec. Twp. Sec.	is gas actually connected? When
give location of tanza. II 127 129N 12W	<u> </u>
If this production is commingled with that from any other lease or pool,	zive commingling order number:
If this production is comminged with that from any other reset of post,	gere committee out the same of
NOTE: Complete Parts IV and V on reverse side if necessary.	
	OIL CONSERVATION DIVISION
VI. CERTIFICATE OF COMPLIANCE	
I hereby certify that the rules and regulations of the Oil Conservation Division have	APPROVED A JAN 5 0 1885
been complied with and that the information given is true and complete to the best of	
my knowledge and belief.	BY Salas The
	TITLE DEPUTY GIL & GAS INSPECTOR, DIST. #3
$\bigcap X \bigcap \bigcup$	TITLE DETOTI GIL & DAS INSPECTOR, DIST, #3
$\langle \langle \rangle \rangle \langle \langle \rangle \rangle$	This form is to be flied in compliance with AULE 1104.
) / J J WW	If this is a request for allowable for a newly drilled or deepened
(Signature)	well, this form must be accompanied by a tabulation of the deviation
Admin. Supervisor	tests taken on the well in accordance with RULY 111.
(Title)	All sections of this form must be filled out completely for allowable on new and recompleted wells.
1-2-85	Fill out only Sections I. II. III, and VI for changes of owner.
(Date)	well name or number, or transporter or other such change of condition.

All sections of this form must be filled out completely for allo

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

able on new and recompleted wells.

District Administrative Supervisor

10/28/81

STATE OF NEW MEXICO ERGY AND MINE TALE DEPARTMENT

### OIL CONSERVATION DIVISION

- P. O. BOX 208h

FILE	SANTA FE, NE	W WEXICO \$7501	
U.b.G.b.		D at I compare P	
TRANSPORTER OIL		R ALLOWABLE ND	•
OPERATOR	AUTHORIZATION TO TRANS	PORT OIL AND NATURAL O	SAS
Operation OFFICE			
Amoco Production	Company		
Address 501 Airport Drive	e, Farmington, N.M. 87401		
Reason(s) for liling (Check prop		Other (Please explai	n)
New Well	Change in Transporter of:		
Recompletion	OII Dry G	<b>57</b>	•
Change In Ownership	Casinghead Gas Conde	ensate [X]	
If change of ownership give n and address of previous owner			
DESCRIPTION OF WELL	AND YEACE		
Lease Name	Well No. Pool Name, Including		of Lease No.
Gallegos Canyon Uni	t 160 Basin Dakot	a State,	Federal SF-080224
Location I	1850 South	1190	East East
Unit Letter;	1850 Feel From The South Li	ne and 1170 Fee	From The Last
Line of Section 27	Township 29N Range	12W , NMPM,	San Juan County
DESIGNATION OF TRANS	PORTER OF OIL AND NATURAL G.	AS	
Name of Authorized Transporter			h approved copy of this form is to be sent)
Plateau, Inc.	or Dry Gas (V)		omfield, N.M. 87413 hoppioved copy of this form is to be sent.
P. O. DOY COD	MPANY TO GOS EL	Weaters force aggress to much	is opproved copy of this form is to be senty
P. O. BOX 990	Unit Sec. Twp. Rge.	Is gas ectually connected?	When 6
	ed with that from any other lease or pool,	give commingling order number	ðf:
COMPLETION DATA	Ott Well Gas Well	New Well Workover Dee	pen Plug Back   Same Hesty, Diff, Resty.
Designate Type of Comp	oletion = (\(\lambda\)		
Date Spudded 	Date Compt. Ready to Prod.	Total Depth	P.B.T.D.
Elevations (D) 7, RT, GR, e	tc.; Name of Producing Formation	Top Oll/Gas Pay	Tubing Depth
Perforations		<u> </u>	Depth Casing Shoe
, critarations			Supril Gustily Show
	TUBING, CASING, AN	CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT '
TEST DATA AND REQUES OIL WELL		fier recovery of total volume of lo psh or be for full 24 hours)	od oil and must be could be exceed top allow-
Date First New Oll Run To Tank		Producing Method (Flow, pump	a office of the state of the st
Length of Test	Tubing Pressure	Casing Pressure	Chot of Blad
Actual Prod. During Toot	Oil-Ebla.	Water - Bbls.	SENDE DIVO
			OIL 1 3
GAS WELL			O Dio.
Actual Prod. Tont-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate
Teeling Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Cosing Pressure (Shut-in)	Choke Size
	Tabling Planta (Bridge-In)	Control Liented ( Purde-In )	Chair Sire
CERTIFICATE OF COMPL	ANCE	OIL CONSEI	RVATION DIVISION
	and regulations of the Oil Conservation with and that the information given	APPROVED	<b>}</b>
	the best of my knowledge and belief.	BY Tranke	Yang -
		TITLESUPERIOREE	THE TOTAL CONTRACTOR
			d in compilance with nut. E 1104,
- De Jan	Signature)	li is abit. for an arrest his arre	ellowed in for a newly drilled or despending to the deviation of the deviation
•	Jignaiw T/	tests taken on the wall in	accordance with nut. E 111.

(Signature)

District Administrative Supervisor (Tile)

September 28, 1983

All sections of this form must be filled out completely for allow-able on new and recompleted wolls.

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 munifered wells.

			*	೦೦	/	
,	OPIES RECEIVED	2		<u> </u>	/	·
	RIBUTION		EW MEXICO OIL C	ONSERVATION COMMISS	non /	Form C-104
SANTA F	E /			FOR ALLOWABLE	, ,	Supersedes Old C-104 and C-11 Effective 1-1-65
FILE U.S.G.S.	/			AND,	1	E.1001176 7-1-03
LAND OF	FICE	AUTHORIZ	ZATION TO TRA	NSPOS OIL AND NA	TURAL GAS	
	OIL 1					
TRANSP	ORTER GAS /					
OPERAT	OR					
PRORAT	ION OFFICE					
Operator				Eff. 2-1-	Com	
	AMERICAN PET	TROLEUM CORPORAT	ION	Yan American Pe	tro. Corp.	
Address			•	has changed its	ISTING OF	
Sec	curity Life Bu	uilding, Denver,	Colorado	AMOGO PROL		
	for filing (Check prop	er box)		Other , was as	splam)	
New Well		Change in Tru	insporter of:			
Recompleti	ion	CHAN	Dry Go			
Change in	Ownership	CHAN Caringhee G	as Conder	nsate X		
If Change	of ownership give na					
	s of previous owner					
	TION OF WELL					
Lease Nam		net Com D "No.	Well No. Pool Na	me, Including Formation	1	of Lease Federal or Fee <b>Federal</b>
Location	s Canyon 160	-647.0	160	Basin Dakota	State,	Federal or Fee Federal
Location	_	1050	•	1100		T
Unit Le	tter <u>I</u> ;_	1850 Feet From Th	ne South Lir	ne and1190	Feet From The	East
	. 27	20M		12W . NM.PM.	San Juan	
Line of	Section 27	Township 29N	Range	12W , NMPM,	San Juan	County
	TION OF TRANS uthorized Transporter	PORTER OF OIL AN	D NATURAL GA		phick upproved com	of this form is to be sent)
i		or on Conde	made W.	İ		
Graves	Oil Company	of Casinghead Gas	or Dry Gas X	P. O. Box 2077,		of this form is to be sent)
į			or Dry Gas A		•	
El Pasc	Natural Gas	Unit Sec.	Twp. Rge.	P. O. Box 990,	rarming con;	New Mexico
	luces oil or liquids, on of tanks.	I 27	Twp. Rge. 12W	Yes	2-2-6	ξ <b>ς</b> '
give locali	on of idiks.	1 2/	29N 12W	169	2-2-	
If this prod		ed with that from any ot	her leane or pool,	give consour it is order m	maber	
		Oil We	ell Gas Well	New Well Workover	Deepen Flug I	Back   Same Res'v. Diff. Res'v.
Design	nate Type of Comp	pletion (X)	1			1 1
Date Spuda	led	Date Compl. Ready	/ to Prod.	Total Depth	P.B.T	.D.
Elevations	(DF, RKB, RT, GR,	etc.; Name of Producing	Formation	Top Gil/Gas Pay	Tubin	g Depth
				•		
Perforation	ıs				Depth	Casing Shoe
		เสบา	NG, CASING, AND	CEMENTING RECORD		
	HOLE SIZE	CASING & T	TUBING SIZE	DEPTHISET		SACKS CEMENT
				AR/		
				The distribution system of suggestation is an automatic to a 18 for the 18 for the superior and automatic surrounded and		
<u> </u>						
V. TEST DA	TA AND REQUES	ST FOR ALLOWABLE	E (Test must be a		of load oil and mus	be equal to or exceed top allow-
OIL WEL			able for this de	pth or be for full 24 hours)	-	······································
Date First	New Oil Run To Tank	cs   Date of Test		Producing Method (Flow, p	ump, gas lift, etc.)	
Length of	l'est	Tubing Pressure		Casing Pressure	Choke	Size
- A	d. During Test	Oil-Bbls.		Water-Bbls.		TO E CORD
Aetual Pro	a. During 1 est	OII-BBIS.		Wdtat - DDIs.	Gan	
					/ <u>@</u>	
GAS WEL	•					and the V Resident
GAS WEI	d. Test-MCF/D	Length of Test		Bbis. Condensate/MMCF		28:1965
		Longth of Tool		Bors, Condensate MMC	<b>t</b>	· · · · · · · · · · · · · · · · · · ·
Testing Me	thod (pitot, back pr.)	Tubing Pressure		Casing Pressure	- lon	.scon. com./
		,		, , , , , , ,	Oo.ro	DIST. 3
VI CERTIFIC	CATE OF COURT	TANGE		011 00		
VI. CERTIFIC	CATE OF COMPL	LIANCE		OIL CO	NSERVATION	COMMISSION
• • .				APPROVED SEP	9 8 10 <b>6</b> 6	<u> </u>
		and regulations of the t lied with and that the i		1!	2/1 0/1	, 13
above is t	rue and complete t	to the best of my know	ledge and belief.	BY Chury	Mules	
		<i>r.</i>		TITLE Supervisor Di	st.#3	
		\	1	TITLE Supering		<del></del>
	11	CC- Va =		This form is to be	filed in complian	nce with RULE 1104.
		Secondary Contraction		If this is a reques	t for allowable fo	a newly drilled or deepened
		(Signature)	İ	well, this form must be tests taken on the wel	e accompanied by Il in accordance v	a tabulation of the deviation with RULE 111.
_Adminis	trative Assis					iled out completely for allow-
C 1	er 27 1045	(Title)		able on new and recon	npieted wells.	
septem	er 27, 1965	(Data)		Fill out only Sec	tions I, II, III, a	nd VI for changes of owner, her such change of condition.
		(Date)		well name or number, o	riensported of of	aden enanke or condition.

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

~

#### OIL CONSERVATION COMMISSION

BOX 697

120 EAST CHACO

AZTEC, NEW MEXICO

NOTICE OF GAS CONNECTION CORRECTED COP	Z .	
	DATE March	8, 1965
THIS IS TO NOTIFY THE OIL CONSERVATION COM	MISSION THAT CONNECTION	FOR THE PURCHASE OF GAS FROM
THE Pan Americ	Can Petroleum Corporati	ion
Gallegos Canyon No. 160 Unit #1	"I" WELL UNIT	27-29-12 S-T-R
LEASE	WELL UNIT	S-T-R
Basin Dakota	Kl Paso Natural	. Gas Company
* Corrected first de: Choke 10,999 MCF AOF 28,196 MCF INITIAL POTENTIAL	El Paso Natural	l Gas Company
	PURCHASER	
	Oliginal Su	tood by W. M. duckers
	REPRESENTATIVE	
	Chief Dispatch	ner
CC: TO OPERATOR FORT WORTH and Farmingt OIL CONSERVATION COMMISSION - SANTA FE F. N. WOODRUFF - EL PASO	on	

FILE

FILE

#### OIL CONSERVATION COMMISSION

BOX 697

#### 120 EAST CHACO

#### AZTEC, NEW MEXICO

NOTICE OF GAS CONNECTION		
	DATEFeb.	mary 5, 1965
THIS IS TO NOTIFY THE OIL CONSERVATION		N FOR THE PURCHASE OF GAS FROM
THE Pan Americ	operator	
Gallegos Canyon No. 160 Unit #1		27-29-12 S · T · R
Basin Dakota	R1 Paso Natura	1 Gas Company F PURCHASER
WAS MADE ON	, FIRST DELIVERY	February 1, 1965
Choke 10,999 MCF AOF 28,196 MCF INITIAL POTENTIAL		
INITIAL POTENTIAL	El Paso N	atural Cas Company
	Öligi REPRESENTATIVE	al Signed By W. M. Rodgers
	Chief Dis	patcher
CC: TO OPERATOR FORT WORTH and Fan OIL CONSERVATION COMMISSION - SANTA F F. N. WOODRUFF - EL PASO B. D. ADAMS		

2/10/10

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe

Land No. SF-080224

UnitGallages Canyon

No. 160 Unit

## SUNDRY NOTICES AND REPORTS ON WELLS

	The Language Comment of the Comment
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING MAY 1 1 1964
•	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT U. S. GEOLOGICAL SURVEY
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

NOTICE OF INTENTION TO ABANDON W	YELL		·	
(INDICAT	E ABOVE BY CHECK MARK NATURE	OF REPORT, NOTIC	E, OR OTHER DATA)	
	Par	mington, N	ew Mexico May	7 19.64
Gallegos Canyon No. 160 Well No is locate	Unit ed 1850 ft. from [8]	line and <b>119</b> 0	$\frac{E}{E}$ line of	of sec. 27
NE/4 SE/4 Section 27 (14 Sec. and Sec. No.)	T-29-N R-12 (Twp.) (Range)	MN W-		
Basin Dakota (Field)	San Juan (County or Subdivi	sion)	a M	AY 1 4 1964
The elevation of the derrick	floor above sea level is	5384 ft.	\ OII	CON. COM.
	DETAILS OF	WORK		DIST. 3
(State names of and expected depths to	objective sands; show sizes, weigh ing points, and all other imp	ts, and lengths of portant proposed w	proposed casings; indicate mu ork)	dding inhe coment-
eirculate. Cemented to tested casing with 500  Well was drilled to a twith two stage tool seting 6% gel, 2 pounds me second stage with 1100 per sack. Cement circul 3500 psi. Test ok.  Perforated 5936-60 and I understand that this plan of work	psi. Test ok. Reduce the control of 6032° at 4189. Comented dium tuf plug and facks coment control ated to surface. Af 5972-84 with 2 shot	ed hole to , 4 1/2" c first stag ollowed by ning 6% ge ter waitin s per foot	7 7/8" and resurt asing was set at exith 400 sacks cement 1 and 2 pounds may be on coment test.  Fractured these	that depth cement contain— t. Cemented edium tuf plug ed casing with e perforations
	-	_		•
CompanyPsn_Americs	n-retroleum-vorpora		Fred L. Mahare	District Engineer
Address p. O. BOX 480			ORIGINAL SIGNED BY	* * * * * * * * * * * * * * * * * * * *
-Farmington, -New Mexico		Ву	Fred L. Nabors	
***************************************		Title	***************************************	
***************************************		I ILIE	***************************************	

47,910 gallons water containing 15 calcium chloride and 4 pounds FR-4 per 1000 gallons and 50,000 pounds sand. No breakdown pressure. Treating pressure 3125. Average injection rate 53 BPM. Set bridge plug at 5920. Tested plug with 3500 psi. Test ok. Ferforated 5656-68 with 4 shots per foot. Fractured these perforations with 25,110 gallons water containing additives as above and 20,000 pounds sand. Breakdown pressure 2200. Treating 3325. Average injection rate 40 BPM.

2 3/8" Tubing landed at 5839 and well completed as Basin Dakots Field Development Well May 3, 1964. Preliminary test 10,000 MCPD.

#### SUBMIT IN DUPLICATE* UNITED STATES DEPARTMENT OF THE INTERIOR

(See other instructions on reverse side)

Form approved. Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

	-
10.00	
~ M . M.M.A.A.L	
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:	GEO	LOGICAL SI	JRVEY	THE GOLD	100		SF.	080224		
WELL CO	MPLETION OR	RECOMPLE	TION F	REPORT	AND	LOG	*	DIAN, ALLOT	TEN OR TRIBE N	AME
1a. TYPE OF WEL	L: OIL WELL	GAS	DRY 🗌	Other			1	AGREEMENT	NAME	
b. TYPE OF COMP	PLETION: WORK DEEP-	PLUG [ DI	FF.	K	-0	men I I ima	1	OR: LEASE	NAME	
2. NAME OF OPERAT	OVER L EN L	BACK L RE	ESVR. L	Other	MANY	1 0 106		2	von No. 16	A 11m4+
	erican Petrole	um Corporati	.Ogn	7,017	MAY	1 3 196	9. WELL			<u>o ona</u>
		4		U.S	GEOLO	GICAL SU		D AND POOL	, OR WILDCAT	
4. LOCATION OF WEL	lox 460 Fars	rly and in accordan	ce with any	y State requ	<u>ARMING</u> irements	OTON, N. I	(V).	Dakot		
	O' VSL and 111			;	.: i		11: SEC.	, T., R., M., O	R BLOCK AND SUR	VEY
•	erval reported below						NE/4	SE/4 5	etion 27	
At total depth	(B					į	T-29-	N, R-L	S-M WHEM	
;	Sa <b>no</b>	14. 1	PERMIT NO.		DATE IS	SSUED	12. cou	NTY OR	13. STATE	
							PARI	sh Juan	Now Mex	400
15. DATE SPUDDED	16. DATE T.D. REACHE	D   17. DATE COMPL	. (Ready to	prod.)   1	8. ELEVA	TIONS (DF,	RKB, RT, GR, ETC	) . 19. E	LEV. CASINGHEAD	)
12161	Apprel 21, 10	Mary 3	7041		HIM	B 53AL	# 6 # # # 4 # #	12 s = 2	LEV. CASINGHEAD	
20. TOTAL DEPTH, MD	& TVD 21. PLUG, BAC		2. IF MULT	TIPLE COMPI		23. INTERV	ALS ROTARY		CABLE TOOLS	<del></del>
6032	5997		MUN M.			>	0-60	32 🖺	942394	
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<b>5928 - 599</b>	18 Graneros Dal 10 Main Dakota	iota			1				A PART IN	<u>; 64</u>
:	ind other logs run	lazzaa Rav So	nia	· •				27. W	AS WELL CORED	lō
28.	COMPANY OF STREET	CASING REC		ort all string	gs set in	well)	3 1 4 h	SE F	建基金医疗病	
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HO	LE SIZE		CEMEN	TING RECORD	22	AMOUNT PULLE	D
8 5/8"	24/	358	12	1/4"		<b>250</b> 3	acks		Mone	71 44
£ 1/2"	10.5₽	6032	7	7/8"	·	1600 S	acks	1 1 E	Hone	; awai
				-		:	2 S 7 8	. F = <u>-</u>	<u> </u>	132
·	<u> </u>			<u> </u>	<u> </u>			<del></del>	<u> </u>	
29.		R RECORD				30.	TUBING I	<del></del>	\$ 50 C C C	
SIZE	TOP (MD) BOTT	OM (MD) SACKS	CEMENT*	SCREEN (	SCREEN (MD) SIZE		DEPTH SE		PACKER SET (M	.D)
						2 3/8"	<u></u>	9 3 . 3 4 X	78 US 9 3	
31. PERFORATION REC	CORD (Interval, size and	number)		32.	- ACII	D SHOT F	RACTURE, CEN			—
5076.60 and	5972-84 with		Page	DEPTH II	<del></del>			_ <del></del>	ATERIAL USED	
5856-68		shots per		5936-					× 50,000	Lb Sar
<i>7</i> <b></b> <i>7</i> <b></b> <i>7</i> <b></b>	The state of	+ nimes hor	2 <del></del>	5856-			5.110 Gal			Lb San
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33.*	the second	, non-design		OUCTION			- :"	4 - 1		
DATE FIRST PRODUCT	ION PRODUCTION	METHOD (Flowing,	gas lift, pi	imping—8iz	e and tyl	pe of pump)	)	shut-in)	(Producing or	
DATE OF TEST	HOURS TESTED	HOKE SIZE   PRO	D'N. FOR T PERIOD	OIL-BBL.		GAS-MCF.	WATER-		GAS-OIL RATIO	
May 3, 1964	<u>  1741                                  </u>	3/4" -	<del></del>			1,250		HT-		
FLOW. TUBING PRESS.		ALCULATED OIL-	-BBL.	GAS-	-MCF.		ATER BALL	or of	AVITY-API (CORR	.)
775	1625	<del>&gt;</del>		10	000		101111			
34. DISPOSITION OF G	AS (Sold, used for fuel,	vented, etc.)				1	The second second	TNESSED BY	1944年出	
To be ac	ld to Il Paso	Natural Gas	Compa	ny	3,53		TVA	4 1964		
35. LIST OF ATTACH	MENTS	and the second	•				MAIT	CON	NALESTE	
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oo. 1 nereby certify	that the foregoing and Mahors, Distr	attached informati	on 18 comp	iete and cor	rect as	determined	from all avois	nd Lecords		
SIGNED	HOMONO - COAT	TAN LINGTHAN	ritle			<u> </u>		M	TAR TOAL	
	ORIGINAL SIGNED	11 *							-A - Mari	_

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State time this submitted, copies of all currently available logs (drillers, geologists, sample and force analysis, all types electric, etc.), formation and necessary tests, and directional surveys, should be attached herefo, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Herm 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements.

ltem 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.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22 and in item 24 show the producing interval, or intervals to interval to this form, adequately identified, additional interval to be separately produced, showing the additional data pertinent to such interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Gement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

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orm 9-331 May 1963) Di	UNITED STATES EPARTMENT OF THE INTE	SUBMIT IN TRIPLICATE* (Other instructions on reverse side)	Form approved. Budget Bureau No. 42-R1424.  5. LEASE DESIGNATION AND SERIAL NO.
	GEOLOGICAL SURVEY	,	SF-080224
SUNDR' (Do not use this form Use	Y NOTICES AND REPORTS of for proposals to drill or to deepen or ble "APPLICATION FOR PERMIT—" for suc	S ON WELLS  ug back to a different reservoir.  ch proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
OIL GAS WELL	OTHER IDEALLY C	2 M 1 CA	7. UNIT AGREEMENT NAME
NAME OF OPERATOR			8. FARM OR LEASE NAME
ADDRESS OF OPERATOR	TROLEUM CORPORATION		Gallegos Canyon No. 160
P. J. Box 480.	Farmington, New Fexico		1
LOCATION OF WELL (Report See also space 17 below.) At surface	t location clearly and in accordance with	any State requirements.*	10. FIELD AND POOL, OR WILDCAT
•	.190 FEL of Section 27, T	-29N, R-12W, NMPH	11. SEC., T. E., M., OB BLK. AND SURVEY OF AREA ME/4 SECTION 27
PERMIT NO.	15. ELEVATIONS (Show whethe	r DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	5384 (RDB)		San Juan New Mexi
	Check Appropriate Box To Indicate DE OF INTENTION TO:		other Data
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON* CHANGE PLANS	SHOOTING OR ACIDIZING  (Other) Report of F	ABANDONMENT*  Otential Test  X
(Other)	CHANGE PLANS	(Note: Report results	of multiple completion on Well
. DESCRIBE PROPOSED OR COM	IDIETED OPERATIONS (Clausly state all north		
proposed work. If well nent to this work.) *	is directionally drilled, give subsurface	nent details, and give pertinent dates, locations and measured and true vertical	including estimated date of starting any l depths for all markers and zones perti-
nent to this work.) *			including estimated date of starting any depths for all markers and zones perti-
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s is to report to ential Test May !		est: SCFPD through 3/4" chok	e after 3 hours flow.
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## 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

OPERATOR				
\	IGINAL AND 4 COL	PIES WITH TH		
Company or Operator				. 1
	<del></del>		<del></del>	. 160 Unit 1
Unit Letter Section Township I 27 T-29-N		2—7∕7	San Juan	
Pool			Kind of Lease (State, Fed, Fe	e)
[,	Main Y -c	10		Dance
If well produces oil or condensate give location of tanks	I	27	T-29-N	R-12-W
Authorized transporter of oil or condensate X	<i>P</i>	Address (give ad	dress to which approved copy o	of this form is to be sent)
Plateau, Inc.	FILE THE ORIGINAL AND A COPIES WITH THE APPROPRIATE OFFICE  NAME OF COMMENTS OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMMENT OF THE COMENT OF THE COMMENT OF TH			
Is Gas Act	ually Connected	? Yes	. No	
Authorized transporter of casing head gas or dry gas		Address (give ad	dress to which approved copy o	of this form is to be sent)
El Paso Natural Gas Company	F	P. O. Sox	990 Farmington, I	New Mexico
If gas is not being sold, give reasons and also explain its pr	esent disposition:			
REASON	(S) FOR FILING (P	olease check p	roper box)	
New Well	ছা	Change in Own	ership	'
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			***	W CON COM.
			w o	DIST. 3
The undersigned certifies that the Rules and Regulati	ons of the Oil Cons	servation Com	nission have been complied	With
Executed this the	day of		,,19	
OIL CONSERVATION COMMISSION	1	By 1 /2	// 1	
Approved by		XX	- James	
Burne (d. )	-		(2) = 12	
Title Cluff Clured		LOMINIS Company	ordalve Clerk	
Supervisor Dist. # 3		Dom in	mia n Painal Con	
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## NEW MEXICO OIL CONSERVATION ( OMMISSION Santa Fc. New Mexico

(Form C-104) Revised 7/1/57

#### RED) EST FOR (OIL) - (GAS) ALLOWAPLE

New Well Recompletion

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 recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

ored mi	to the st	ikk tank	s. Çan mus	Farmington, New Mexico May 7, 1964
WF AD	р икр	FRV RE	OUESTU	(Place) (Date) ING AN ALLOWABLE FOR A WELL KNOWN AS:
an Ame	ericen	Petro	leum Cor	rporation-Gallegos Ganyon, Well No. 1 , in NE 1/4 SE 1/2
	/Compa	av or (boa		/ 2 premi
I	a Lester	, Sec.	27	T-29-M , R-12-M , NMPM., Basin Dakota Po
San 3	Juan			County Date Spudded April 14, 1964 Date Drilling Completed Pril 21, 19
		dicate lo		Elevation 5384 (RDB) Total Depth 6032 PBT 5997
			<del></del> -	Top:DXX/Gas Pay 5856 Name of Prod. Form. Dakota
D	C	B	A	Top:DXX/Gas Puy 5856 Name of Prod. Form. Dakota  PRODUCING INTERVAL - 5936-60 and 5972-84 with 2 shots per foot.
	<u> </u>	<u> </u>	<u> </u>	Perforations 5856-68 with 4 shots per foot
E	F	G	H	Open Hole Mone Casing Shoe 6032 Tubing 5889
				OIL WELL IEST -
L	K	J	I	Chok Natural Prod. Test:bbls.oil,bbls water inhrs,min. Size
			X	Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume o
М	N	0	P	Choke load oil used):bbls.oil,bbls water inhrs,min. Size
				GAS WELL TEST -
1850	FSL m	nd 119	) FEL	
	( FOOT	AGE)	nting Recor	Natural Prod. Test: MCF/Day; Hours flowed Choke Size
Size	•	Fret	SAX	
				Test After Acid or Fracture Treatment: 10.000 MCF/Day; Hours flowed 3  Choke Size 3/14 Method of Testing: Pitot Tube
8 5/8	311	349	250	Shoke Size 74 Method of Testing: 12506 2456
4 1/2	2" 6	062	1600	Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 73,020 Gallons water and 70,000 Lb. sand.
2 3/8	3"   5	909		Casing Date first new Press. 1625 Press. 775 oil run to tanks Stut In
				Oil Transporter Plateau Inc.
				Gas Transporter Paso Natural Gas Company
				MAN 1, 1900 ES BUSIN DEROUG - Tell Develoument 11-11-1
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			•••••	OIL CON. COM.
Ιh	ereby co	ertify tha	at the info	ormation given above is true and complete to the best of my knowledges T. 3  Pun American Petroleum Corporation
Approve	edMAY.	1.3.19	Q <del>4</del>	19 (Company or Operator)
	OIL C	ONSER	.VATION	COMMISSION By: File Lurill
ير			15	(Signature)
By: . <i>L.4</i>	ully	1 <u>C</u>	Llund	Title Administrative Clerk  Send Communications regarding well to:
litle	Supervi	or Dist.	#.3	Name Pon merican Petroleum Corporation
	•			Address F. C. Rom 100, Florington, Hen Ports

## TABULATION OF DEVIATION TESTS PAN AMERICAN PETROLEUM CORPORATION GALLEGOS CANYON NO. 160 UNIT NO. 1

DEPTH	<u>DEVIATION</u>		
3591	1/4°		
7831	$1/l_{t}^{O}$		
11851	]/2°		
15861	1/20	ದ	
1979	1/2°	<u> </u>	
24691	3/4.0		= -
28291	1/40	=	
3244	$\frac{1/l_{t}}{1/2}$	- 	
38131	1/40	CD.	
42141	1/20	•	
47221	3/40		7.4.7
52961	$1/i_{\rm ho}^{\rm o}$	Q.	£ 2.5.
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#### 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 Conyon No. 160 Unit No. 1, Basin Dakota Field located in the NE/4 SE/4 of Section 27, T-29-N, R-12-W, San Juan County, New Mexico.

Signed

District Petroleum Engineer

MAY 1 3 1964

CHL CON. CO

COUNTY OF SAN JUAN

BEFORE ME, the undersigned authority, on this day personally appeared Fred L. Mehors known to me to be Fetroleum 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 lith day of May 1964.

#### SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES

	DEPARIMEN				5. LEASE DESIGNATION	N AND SERIAL NO.
	P DESTRUCTION	OGICAL SURV			5F-080224	255
APPLICATION	Y FOR PERMIT	TO DRILL,	DEEPEN, OR PLUG	<b>BACK</b>	6. IF INDIAN, ALLOTT	SE OR TRIBE NAME
. TYPE OF WORK	ILL #64/199 2	Dispersion (	f	A 614 []	7. UNIT AGBEEMENT	NAME -
DRI D. TYPE OF WELL	ILL MALLERY	PH DEEPEN (	PLUG B.	ACK 📙	A 63 & E	
OIL C	AS OTHER		SINGLE MUL.	TIPLE :-	8. FARM OR LEASE N.	AMB
NAME OF OPERATOR	OTHER		2012 22 2011	-	Gallegos Cany	on No.160Un
	ETROLEUM CORPO	PRATION		· ·	9. WELL NO.	3 3 E
ADDRESS OF OPERATOR						<u> </u>
	Farmington, N		th any State requirements.*)		10. FIELD AND POOL,	
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	of Farmington,	New Hexico		<u>3</u>	San Juan	New Mexico
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Fred L. Nabor	es, District En	gineer		15.		
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#### Well Location and Acreage Dedication Plat

Section A.		1	Date MARC	H 18, 1964	
Operator PAN AMERICAN PETROLEUM C	ORPORATION Lesse	GALLEGOS	CANYON NO. 1	60 UNIT	
Well No. 1 Unit Letter I Se		Township	29 NORTH Rang	e 12 WEST,	NMP
Located 1850 Feet From SOUTH	Line, 1190	Fee	From EAST		Lin
County SAN JUAN G. L. Elevat	•		A cre age	320	_A cre
Name of Producing Formation DAKO	ra	Pool	BASIN DAK	OTA	
1. Is the Operator the only owner in the dedic					•
YesNoX	-	•			
2. If the answer to question one is "no", i	have the interests of a	ill the owners	been consolidate	d by communi	tizacio
zation agreements for the S/2 S consist of tracts committed & n. 3. If the answer to question two is "no", list	No	er is "yes", ] ng circulat allegos Can neit respective	Type of Consolined for signation with the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of the signature of th	dation. Comm ture - uni l owners h to join	uniti t will ave a in di
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AN AMERICAN PETROLEUM CORP.			'	'	
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T. P. L.					

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

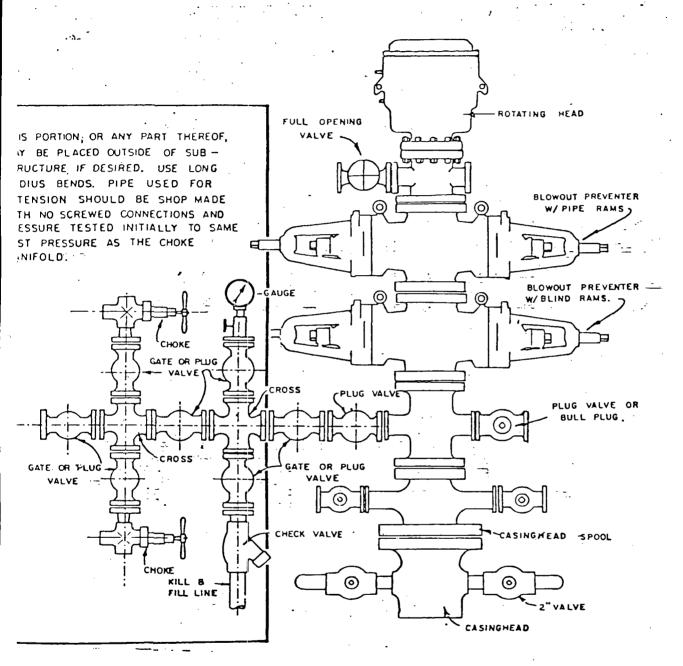
Date Surveyed 3 February 1964

Begistered Professional Engineer and or Land Surveyor

James P. Leese

New Mexico Reg. No. 1463

Farmington, New Mexico



BLOWOUT PREVENTER HOOKUP

EXHIBIT D-4
OCTOBER 16,1969