## State of New Mexico TF-02-014

Energy and Minerals Department Oil Conservation Division

2040 Pacheco Street 1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

#### APPLICATION FOR CATEGORY DETERMINATION

AFFLICATION FOR CATEGORY BETT					
FOR DIVISION  USE ONLY:  APPROPRIATE FILING FEE ENCLOSED? YES NO  DATE COMPLETE APPLICATION FILED October 10, 2001  DATE DETERMINATION MADE November 22, 2002	FILING FEE(S) - Effective October 1, 1986 a non-refundable filing fee of \$25.00 per category for				
WAS APPLICATION CONTESTED? YES NO V	each application is mandatory (Rule 2, Order No. R-5878-B-3)				
NAME(S) OF INTERVENOR(S), IF ANY:	(Itule 2, Older Ito. IN-0010-D-0)				
1. Name of Operator: Burlington Resources Oil & Gas Compar	ny 6. County: San Juan				
2. Address of Operator: 5051 Westheimer, Suite 1400	7. API No: 30-045-25112				
Houston, TX 77210-4236	Indicate Type of Lease:     State Fee _X_				
2. Leasting of Walls Unit Latter C	9. State Oil & Gas Lease No.:				
<ol> <li>Location of Well: Unit Letter <u>G</u>   located <u>1,850</u> feet from the <u>E</u> line and <u>1,850</u> feet from the <u>N</u> line of  </li> </ol>	9. State Oil & Gas Lease No				
Sec. <u>31</u> Twp. <u>32N</u> Rng. <u>12W</u>	10. Unit Agreement Name:				
Farm or Lease Name:     Culpepper Martin					
5. Well No:	11. Field and Pool or Wildcat: B lanco Mesaverde				
Check the appropriate box for category sought and information Required information on lines 1 and 2, below.	submitted. Enter				
1. Category sought NGPA Section No. 107 A1 occlude	ed natural gas from coal seam gas from a designated tight formation				
<ol> <li>Filing Fee(s) amount enclosed: \$25.</li> <li>All application must contain:</li> </ol>	gao nom a acoignates against maner				
<ul> <li>a. C-105 Well Completion or Recompletion Report</li> <li>b. Affidavits of Mailing or Delivery</li> </ul>					
I HEREBY CERTIFY THAT THE INFORMATION CONTAINED THE BEST OF MY KNOWLEDGE AND BELIEF.	HEREIN IS TRUE AND COMPLETE TO				
David K. Miller  NAME OF APPLICANT (Type or Print)  SIGNAT	TURE OF APPLICANT				
TITLE: Manager, Royalty Compliance/Litigation DATE	:: <u>September 26, 2001</u>				
FOR DIVISION USE ONL	Υ				
APPROVED:	DISAPPROVED:				
The information contained herein includes all of the information required to be filed by the applicant under Subpart B of Part 274 of the FERC regulations.					
EXAMINER:					

October 8, 2001

Mr. Michael Stogner
State of New Mexico
Energy and Minerals Department
Oil Conservation Division
2040 Pacheco Street
Santa Fe, NM 87505

Re:

Checks in Payment For

Application for Well Determination

NGPA Section 107



Dear Mr. Stogner:

Burlington Resources Oil & Gas Company is enclosing, payment for NGPA Well Determination filings previously submitted to the NMOCD. Thanks for holding these filings for payment.

Sincerely,

James R. Gilcrease

Consultant, Natural Gas Regulations

enclosures

xc: NGPA File

## NGPA WELL DETERMINATION FILINGS STATE OF NEW MEXICO

AIN NO	WELL NAME	LOCATION	COUNTY	ST	API NO
1296201	Gulpepper Martin 1A	Sec. 31, T-32N, R-12W	San Juan	NM	30-045-25112
1139501	Mexico Federal N #1E	Sec. 15, T-29N, R-11W	San Juan	NM	30-045-08332
5444901	Pierce A #4	Sec. 13, T-30N, R-10W	San Juan	NM	30-045 26597

ENERGY, MINERALS AND NATURAL RESOURCES DEPT.  0/-52107  NO. 117304								
Office Rece	Official Receipt Received from: RC - OCD/SF - Kathy Valdes Dollar Amount  Date: 10   18   01   01   01   01   01   01							
DR CR.	AMOUNT NUMBER	CENTER NUMBER	dredit AMOUNT	DEPOSIT NUMBER	WORK ORDER NO.			
60	4290							
60	4291							
60	3450							
60	3451							
60	3410							
60	4210							
60	4240							
60	1893	0711	75.00					
60								
60								
60								
		TOTAL	75.00					
N	NGPA Filing Fees  By KV							



October 3, 2001

This acknowledges receipt of your NGPA application. This application will not be completed until we receive your filing fee in the amount of \$25.00. Thanks.

Kathy Valdes

September 26, 2001

Mr. Michael Stogner
State of New Mexico
Energy and Minerals Department
Oil Conservation Division
2040 Pacheco Street
Santa Fe, NM 87505

Re:

Application for Well Determination

NGPA Section 107 Culpepper Martin #1A San Juan Co., NM Dakota Formation



Dear Mr. Stogner:

Burlington Resources Oil & Gas Company is enclosing, for review and approval by the New Mexico Oil Conservation Division, the original and two copies of an Application for Determination for the referenced well.

A copy of this letter, the FERC Form 121 and the OCD Form C-132 has been mailed to each working interest owner entitled to receive Notice of this Application.

Please indicate receipt of this filing by date stamping the attached extra copy of this letter and returning the copy for our records.

Sincerely,

David K. Miller

· Manager, Royalty Compliance/Litigation

enclosures

xc: NGPA File

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# **BURLINGTON RESOURCES**

September 26, 2001

Mr. Michael Stogner
State of New Mexico
Energy and Minerals Department
Oil Conservation Division
2040 Pacheco Street
Santa Fe, NM 87505



Re:

Application for Well Determination

NGPA Section 107 Culpepper Martin #1A San Juan Co., NM Dakota Formation

Dear Mr. Stogner:

Burlington Resources Oil & Gas Company is enclosing, for review and approval by the New Mexico Oil Conservation Division, the original and two copies of an Application for Determination for the referenced well.

A copy of this letter, the FERC Form 121 and the OCD Form C-132 has been mailed to each working interest owner entitled to receive Notice of this Application.

Please indicate receipt of this filing by date stamping the attached extra copy of this letter and returning the copy for our records.

Sincerely,

David K. Miller

Manager, Royalty Compliance/Litigation

enclosures

xc: NGPA File

0.75

## FEDERAL ENERGY REGULATORY COMMISSION Washington D.C.

Form Approved
OMB No. 1902-0038
Expires: 9/30/2003

#### APPLICATION FOR DETERMINATION

		HE NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A L PRODUCING:
		A1 occluded natural gas from a coal seam. A2 natural gas from Devonian shale. A3 _X_ natural gas from a designated tight formation.
B.	F	OR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:
	1.	Well Name and No.: Culpepper Martin #1A
	2.	Completed in (Name of Reservoir): Dakota
	3.	Field: Basin
	4.	County: San Juan
	5.	State: New Mexico
	6.	API Well No.: 30-045-25112
	7.	Measured Depth of the Completion Interval (in feet) TOP: 6,752 BASE: 6,992
C.		PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO S RESPONSIBLE FOR APPLICATION:
	1.	Applicant's Name: Burlington Resources Oil & Gas Company
	2.	Street: 5051 Westheimer, Suite 1400
	3.	City: Houston
	4.	State: Texas
	5.	Zip Code: 77056-5604
	6.	Name of Person Responsible: David K. Miller (713) 624-9086
		Title of Such Person: Manager, Royalty Compliance/Litigation  Signature

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# APPLICATION FOR WELL CATEGORY DETERMINATION PURSUANT TO SECTION 270 OF THE FEDERAL ENERGY REGULATORY COMMISSION'S REGULATIONS IMPLEMENTING THE NATURAL GAS POLICY ACT OF 1978 (NGPA)

## AFFIDAVIT TIGHT FORMATION GAS

#### STATE OF TEXAS

#### **COUNTY OF HARRIS**

BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the State and County aforesaid, personally came and appeared David K. Miller, who being by me first duly sworn, deposed and said:

That he is the Manager, Royalty Compliance/Litigation for Burlington Resources Oil & Gas Company, the applicant for the well hereinafter described, and in that capacity, he is requesting the appropriate Authorized Officer to make a determination that this well is producing from a tight formation pursuant to the rules and regulations of the State of New Mexico and the Federal Energy Regulatory Commission (FERC), as such rules relate to the NGPA.

That production from the Culpepper Martin #1A well, API No. 30-045-25112 is natural gas produced from a FERC designated tight formation, assigned State No. NM-9, through:

_X	a well the surface drilling of which began after December 31, 1979, but before January 1, 1993; or a recompletion commenced after January 1, 1993, in a well the surface drilling of which
	began after December 31, 1979, but before January 1, 1993; or
	a recompletion commenced after December 31, 1979, but before January 1, 1993, where such gas could not have been produced from any completion location in existence in the well bore before January 1, 1980.

Said applicant has no knowledge of any information not described in the application that is inconsistent with his conclusion.

David K. Miller,

Manager, Royalty Compliance/Litigation

Subscribed in my presence and duly sworn to before me, this 26th day of September 2001

Notary Public

My Commission Expires:

NMOCD TF Affidavit



Division Petroleum Engineer

March 17, 1982

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

	API # (assigned by OCD)
1 man of Well	30-045-25112 5. <b>Lease Number</b>
1. Type of Well GAS	5. Lease Number Fee
UND .	6. State Oil&Gas Lease #
2. Name of Operator	7. Lease Name/Unit Name
BURLINGTON RESOURCES OU CAS COMPANY	
RESOURCES OIL & GAS COMPANY	* * *
3. Address & Phone No. of Operator	8. Well No.
PO Box 4289, Farmington, NM 87499 (505)	
4. Location of Well, Footage, Sec., T, R, M	
1850'FNL, 1850'FEL, Sec.31, T-32-N, R-12-	
Type of Submission	Type of Action
Notice of Intent Abandon	
Recompl	letion New Construction
X Subsequent Report Pluggir	
Final Abandonment Alterin	Repair Water Shut off ng Casing Conversion to Injection
X Other -	- Commingle
13. Describe Proposed or Completed Operati	
12-30-96 TIH to top of pkr. Mill on p @ 7010'. SDON. 12-31-96 Clean out well to PBTD @ 705	a tbg. TIH to lnr top @ 4250'. SD for weekend. pkr. Circ hole clean. TOOH w/pkr. TIH, tag fill 55'. Circ hole clean. TIH w/226 jts 2 3/8" 4.7# 2'. Circ hole clean. SD for holiday.
·	FEB 1 0 1997
	FEB 1 0 1997  OUL COND. DIV. DIST. 3
SIGNATURE JOHN DRAULIUM REGUL	OIL COM. DIV
SIGNATURE John Manhaeld Regul	OIL CON. DIV.
	O[L COM. DIV. DIST. 3

		ai (ii)	
		*	

NEW MEXICO

# . CONSERVATION DIVIS

SANTA FE, NEW MEXICO 87501

form C-107

	All de	stances must be from	the cuter boundaries	of the Tea		/	kerised 1
TON TETAS D			.0000			/	
li Latter Sec	ETROLEUM COMPA		CULPEPPER-MART	TN		Woll No.	•
G	31	32N	Range	County			
1850 fee		7	12W	San	Juan		
TOOUT Ire	Producing Formation	line and	1850	from the	East		
5842	Mesaverde, Da	kota B	anco Mesaverde			Dedicated Acroag	2
1. Outline the act	reage dedicated to	the aubicas 11	1	, basin	Dakota	E 320	Астов
interest and roy	ne lease is dedic valty).	ated to the well,	by colored pencil o	entify the	ownership	thereof (both as	to working
		t ownership is dec tion, force-pooling. s "yes," type of c		have the	interests o	of all owners bed	n consoli-
THE STUDY OF THE WILL	o," list the owners	and tract descrip	tions which have ac terests have been c nit, eliminating sucl				
		18501			tained he	CERTIFICATION  certify that the information is true and camp r knowledge and beli	lete to the
	Sec.	14.0	18501		Position Distric	t Petroleum  [exas Petrole  1981	
		31		<u>/</u>	shown on the notes of ac under my su	erilly that the well is plot was plotted it turned made in the pervision, and that is correct to the beand belief.	from field by me ar the same
	Scale: 1"=1	0001	0	6	June 18	BAJA DI	
	Source, Tagi	····		1	3000	1000	1

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#### Stogner, Michael

From: Sent: To:

Gilcrease Jim [JGilcrease@br-inc.com] Thursday, February 07, 2002 10:22 AM mstogner@state.nm.us NMOCD Well Determination Approvals

Subject:



NMOCD Follow up 2-7-02.xls

Mike, attached is a revised list.

<<NMOCD Follow up 2-7-02.xls>>

WELL NAME	BR AIN NO.	FERC 121 DATE	API NO.	OPERATOR
Martin Federal Com #1E	1139402	12/12/2001	30-045-24324	Energen
Johnston A #16	1524501		30-039-24739	
Baca Gas Com A #1	5377101		30-045-26110	
Mexico Federal N #1E	1210401		30-045-08832	
Culpepper Martin #1E	1296401	10/4/2001	30-045-25114	BR
Kelly Knott #1A	1461201	10/1/2001	30-045-25542	BR
New Mexico B Com #1E	1312101	9/24/2001	30-045-2453	BR
Culpepper Martin #1A	1296201	9/26/2001	30-045-25112	BR
San Juan 29-5 Unit #218	653601	7/17/2001	30-039-24782	Phillips
Pierce A #4	5444901		30-045-25432	
Gallegos Canyon Unit #323	2370501	8/29/2001	30-045-24615	Amoco
Gallegos Canyon Unit #323	2370502	8/29/2001	30-045-24615	Amoco
Gallegos Canyon Unit #506	5737002	8/29/2001	30-045-28067	Amoco
Pubco State Com #1A	458101	8/8/2001	30-045-27248	Great Western

#### Stogner, Michael

From: Sent: To: Gilcrease Jim [JGilcrease@br-inc.com] Thursday, February 07, 2002 10:06 AM

mstogner@state.nm.us

Subject:

Well Determination Filings by NMOCD



NMOCD Follow up 2-7-02.xls

Good morning Mike, Burlington Resources' records indicate that we have not received JA approval on the following wells submitted to the NMOCD for review. We understand that you have other responsibilities and have put well determination filings on hold. However, lack of JA and FERC of these well may cause Burlington and other companies loss of monies. Could you review the wells on the attached list in which Burlington holds or has held an interest.

Thanks for your consideration.

Jim Gilcrease Burlington Resources (713) 624-9092 jgilcrease@br-inc.com

<<NMOCD Follow up 2-7-02.xls>>

WELL NAME	BR AIN NO.	FERC 121 DATE	API NO.	OPERATOR
Gallegos Canyon Unit #389	5588501	8/29/2001	30-045-28154	Amoco
Gallegos Canyon Unit #332	2372101	8/29/2001	30-045-25475	Amoco
Heaton Com LS #9A	2611902	8/29/2001	30-045-20903	Amoco
Martin Federal Com #1E	1139402	12/12/2001	30-045-24324	Energen
Johnston A #16	1524501	12/18/2001	30-039-24739	BR
Baca Gas Com A #1	5377101	11/17/2001	30-045-26110	XTO
Mexico Federal N #1E	1210401	9/24/2001	30-045-08832	BR
Culpepper Martin #1E	1296401	10/4/2001	30-045-25114	BR
Kelly Knott #1A	1461201	10/1/2001	30-045-25542	BR
New Mexico B Com #1E	1312101	9/24/2001	30-045-2453	BR
Culpepper Martin #1A	1296201	9/26/2001	30-045-25112	BR _
San Juan 29-5 Unit #218	653601	7/17/2001	30-039-24782	Phillips
Pierce A #4	5444901	9/24/2001	30-045-25432	BR
Gallegos Canyon Unit #323	2370501	8/29/2001	30-045-24615	Amoco
Gallegos Canyon Unit #323	2370502	8/29/2001	30-045-24615	Amoco
Gallegos Canyon Unit #506	5737002	8/29/2001	30-045-28067	Amoco
Pubco State Com #1A	458101	8/8/2001	30-045-27248	Great Western

#### Stogner, Michael

From:

Gilcrease Jim [JGilcrease@br-inc.com]

Sent:

Wednesday, July 24, 2002 10:09 AM mstogner@state.nm.us

To: Subject:

NGPA Well Determination Filing Review



NMOCD NGPA Filing List (Approv...

Mike, Burlington Resources submitted the Well Determination Filings referenced on the attached list for NMOCD review and approval several months ago and todate we do not show that action has been taken on them. Can you please check the status of these filings and let me know where they stand?

Jim Gilcrease
Burlington Resources
5051 Westheimer, Suite 1400
Houston, TX 77056-5604
713-624-9092
jgilcrease@br-inc.com

<< NMOCD NGPA Filing List (Approval follow up).xls>>

### PENDING NGPA FILINGS - NEW MEXICO OIL CONSERVATION DIVISION

WELL NAME	API NO.	LOCATION	COUNTY	FORMATION	DATE MAILED TO NMOCD
Mangum # 1E	30-045-24673	Sec. 27, T-29N, R-11W	San Juan	Dakota	3/4/2002
		Sec. 21, T-29N, R-11W	San Juan	Dakota	3/4/2002
		Sec. 36, T-27N, R-6W	Rio Arriba	Fruitland Coal	12/18/2001
		Sec. 15, T-29N, R-11W	San Juan	Dakota	9/24/2001
		Sec. 31, T-32N, R-12W	San Juan	Dakota	10/4/2001
Kelly Knott #1A		Sec. 8, T-30N, R-10W	San Juan	Mesa Verde	10/1/2001
New Mexico B Com #1E		Sec. 16, T-29N, R-11W	San Juan	Dakota	10/1/2001
		Sec. 31, T-32N, R-12W	San Juan	Dakota	9/26/2001
Pierce A.#4		Sec. 13, T-30N, R-10W	I'	Mesa Verde	9/24/2001

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION COMMISSION

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

> CASE NO. 7361 Order No. R-6884

APPLICATION OF SOUTHLAND ROYALTY COMPANY FOR DESIGNATION OF A TIGHT FORMATION, SAN JUAN COUNTY, NEW MEXICO.

#### ORDER OF THE COMMISSION

#### BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on September 29, 1981, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 12th day of January, 1982, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

#### FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That, pursuant to Section 107 of the Natural Gas Policy Act of 1978, and CFR Section 271.703, applicant Southland Royalty Company requested the designation as a "tight formation" of the Dakota formation underlying the following described lands:

#### SAN JUAN COUNTY, NEW MEXICO

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM Sections 1 through 36: All

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM Section 1: All Sections 12 and 13: All Sections 22 through 27: All Sections 34 through 36: All

TOWNSHIP 32 NORTH, RANGE 10 WEST, NMPM Sections 7 through 36: All

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM Sections 7 through 27: All Sections 34 through 36: All

TOWNSHIP 32 NORTH, RANGE 12 WEST, NMPM Sections 7 through 33: All

TOWNSHIP 32 NORTH, RANGE 13 WEST, NMPM Sections 7 through 33: All

containing a total of 92,871 acres, more or less.

- (3) That at the hearing, applicant requested dismissal of that portion of the application pertaining to Sections 25 through 27, inclusive, and Sections 32 and 33, all in Township 32 North, Range 12 West, NMPM, containing some 3,200 acres, more or less, leaving for consideration some 89,671 acres, more or less.
- (4) That said request for dismissal should be approved, and no further consideration given herein to said lands.
- Oakota formation as a tight formation, the Dakota formation constitutes but a portion of the "Dakota Producing Interval," which, as defined by the Division, comprises the vertical limits of the Basin-Dakota Gas Pool, being from the base of the Greenhorn Limestone to a point 400 feet below the base of said formation and consisting of the Graneros formation, the Dakota formation, and the productive upper limit of the Morrison formation.
- (6) That inasmuch as practically all so-called "Dakota" wells drilled in the subject area are, or potentially are, tested in and/or completed in the entire Dakota Producing Interval, and the well data presented at the hearing of this case involves the entire Dakota Producing Interval, the application should be broadened to cover all of said producing interval throughout the area.
- (7) That the Dakota Producing Interval, hereinafter referred to as the "Dakota," consists of a near blanket sandstone (probably an almost continuous series of northwest trending barrier beach sandstones composed of fine-grained quartose sandstones and carbonaceous shales with occasional conglomerates and coals in the basal part).
- (8) That from the logs available at the hearing, the top of the Dakota in the area ranges from a depth of 5234 feet to 7220 feet and averages some 6753 feet beneath the surface.

- (9) That the only test data for flow rates prior to stimulation for wells within the area indicates that the Aztec Pierce Well No. 2 in Section 30, Township 31 North, Range 10 West, NMPM, had a stabilized production rate calculated at atmospheric pressure of 208.1 MCF of gas per day; that other wells in the immediate vicinity of the area but just outside had stabilized production rates calculated at atmospheric pressure prior to stimulation ranging from 21.7 MCF per/day to 224.1 MCF per day.
- (10) That none of the stabilized production rates cited above exceeds the maximum stabilized production rate set forth in 18 C.F.R. Section 271.703(c)(2)(i)(B) of 251 MCF per day for wells at the average depth to the top of the formation for this area (6753 feet), and it is not expected that the average well in the area will exceed such rate.
- (11) That in situ permeability calculations are available for only two wells in the general area, being the Southland Pierce Well No. 2 and the Southland Patterson "B" Com Well No. 1E; that the in situ permeabilities calculated for said wells are .0609 md and .0877 md, respectively, and average .0743 md.
- (12) That the average in situ permeability for all wells in the area is not expected to exceed 0.1 md, the limit set forth in 18 C.F.R. Section 271.703(c)(2)(i)(A).
- (13) That prior to stimulation, the average well in the area is expected to produce far less than the maximum five barrels of crude oil per day as set forth in 18 C.F.R. Section 271.703(c)(2)(i)(C).
- (14) That 18 C.F.R. Section 271.703(c)(2)(i)(D) provides that "if the formation or any portion thereof was authorized to be developed by infill drilling prior to the date of recommendation and the jurisdictional agency has information which in its judgment indicates that such formation or portion subject to infill drilling can be developed absent the incentive price established in paragraph (a) of this section then the jurisdictional agency shall not include such formation or portion thereof in its recommendation."
- (15) That the Division, by its Order No. R-1670-V, dated May 22, 1979, and effective July 1, 1979, approved infill drilling for the Basin-Dakota Gas Pool in San Juan and Rio Arriba Counties, New Mexico, and said pool includes the Dakota Producing Interval in the area under consideration here.
- (16) That Southland in this hearing indicated that under current Section 103 prices of the NGPA of 1978, reserves of

350,000 MCF of gas are necessary to provide it with the economics necessary to justify drilling a Dakota well at its current drilling costs, while 150,000 MCF of reserves will justify a well at Section 107(c)(5) prices (tight formations).

- (17) That the economics as presented by Southland in this case are reasonable, and lands which indicate recoverable reserves of 350,000 MCF or more of gas should be dismissed from further consideration, while lands indicating recoverable reserves of less than 350,000 MCF of gas should be considered for recommendation as a tight formation.
- (18) That the Division, in approving infill drilling for the Basin-Dakota Gas Pool, based its approval on the premise that the reservoir was of low permeability and that 320-acre wells were not draining more than the 160-acre tract upon which they were located.
- (19) That the remaining reserves under the 160-acre tract upon which the unit well is not located should be similar to, if not equal to, the original reserves under the 160-acre tract upon which the unit well is located.
- (20) That cumulative production figures and estimates of ultimate recoverable reserves were presented at the hearing for some of the developed tracts within the area, while cumulative production figures only are available for the remainder of the developed tracts.
- (21) That to determine that under certain lands insufficient reserves are available to justify drilling absent the Section 107 incentive price, it is reasonable to make the following assumptions:
  - A. No primary drilling, i.e., no drilling on 320-acre spacing, is prima facie evidence that the lands are edge lands to the reservoir and drilling has not occurred because of the probable marginal nature of the reserves.
  - B. Primary drilling has occurred but the calculated total ultimate reserves or the cumulative production for long-connected wells indicates low ultimate recovery (less than 350,000 MCF of gas).
- (22) That to determine that under certain lands sufficient reserves may reasonably be expected to be recovered to justify drilling without the Section 107 incentive price, it is reasonable to make the following assumptions:

- A. Calculated ultimate recoverable reserves are 350,000 MCF or more.
- B. Calculated ultimate recoverable reserves are not available, but cumulative recoveries indicate that 350,000 MCF of gas already has been recovered.
- (23) That the assumptions in Findings Nos. (21) B. and (22) A. and B. above may reasonably be based on offsetting wells in a given area.
- (24) That the evidence indicates that it is unreasonable to expect that wells drilled in the area described in Finding No. (2) above less the area described in Finding No. (3) above will yield an average of 350,000 MCF or more of gas, but that it is reasonable to expect that such wells will yield an average of 150,000 MCF of gas, and that the incentive Section 107 (c) (5) price is necessary to justify drilling in said area.
- (25) That there are fresh water aquifers underlying the lands being considered, and these aquifers extend to a depth of approximately 1200 feet.
- (26) That there is a vertical distance of some 5500 feet between the base of the lowermost of said aquifers and the top of the Dakota, and this distance, combined with the required casing and cementing program for wells in the area, will assure that development of the Dakota will not adversely affect the fresh water aquifers (during both hydraulic fracturing and waste disposal operations) that are or are expected to be used as a domestic or agricultural water supply.
- (27) That the Dakota Producing Interval underlying the following lands meets all of the guidelines set forth in 18 C.F.R. Section 271.703(c)(2)(i), subsections (A), (B), (C), and (D), and should be recommended for designation as a tight formation:

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM Sections 1 through 36: All

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM

Section 1: All

Sections 12 and 13: All

Sections 22 through 27: All

Sections 34 through 36: All

TOWNSHIP 32 NORTH, RANGE 10 WEST, NMPM Sections 7 through 36: All

Case No. 7361 Order No. R-6884

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM Sections 7 through 27: All Sections 34 through 36: All

TOWNSHIP 32 NORTH, RANGE 12 WEST, NMPM Sections 7 through 24: All Sections 28 through 31: All

TOWNSHIP 32 NORTH, RANGE 13 WEST, NMPM Sections 7 through 29: All Sections 32 through 36: All

containing some 89,671 acres, more or less, all in San Juan County, New Mexico.

#### IT IS THEREFORE ORDERED:

Energy Regulatory Commission pursuant to Section 107 of the Natural Gas Policy Act of 1978, and 18 C.F.R. Section 271.703, that the Dakota Producing Interval, being from the base of the Greenhorn Limestone to a point 400 feet below the base of said formation and consisting of the Graneros formation, the Dakota formation and the productive upper portion of the Morrison formation, underlying the following described lands in San Juan County, New Mexico, be designated as a tight formation:

TOWNSHIP 31 NORTH, RANGE 10 WEST, NMPM Sections 1 through 36: All

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM Section 1: All Sections 12 and 13: All Sections 22 through 27: All Sections 34 through 36: All

TOWNSHIP 32 NORTH, PANGE 10 WEST, NMPM Sections 7 through 36: All

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM Sections 7 through 27: All Sections 34 through 36: All

TOWNSHIP 32 NORTH, RANGE 12 WEST, NMPM
Sections 7 through 24: All
Sections 28 through 31: All

TOWNSHIP 32 NORTH, RANGE 13 WEST, NMPM Sections 7 through 29: All Sections 32 through 36: All

-7-Case No. 7361 Order No. R-6884

containing approximately 89,671 acres, more or less.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

0. 0/0.0//

EMERY A. ARNOLD Chairman

ALEX J. ARMIJO Member

JOE D. RAMEY, Member & Secretary

SEAL

20 PERC 461.431

#### UNITED STATES OF AMERICA PEDERAL ENERGY REGULATORY COMMISSION

#### 18 C.P.R. Part 271

High-Cost Gas Produced from Tight Formations; Final Rule

Docket No. RM79-76-103 (New Mexico - 9)

ORDER NO. 262

AGENCY : Federal Energy Regulatory Commission

ACTION : Final rule

SUMMARY: The Pederal Energy Regulatory Commission is authorized by section 107(c)(5) of the Natural Gas Policy Act of 1978 to designate certain types of natural gas as high-cost gas where the Commission determines that the gas is produced under conditions which present extraordinary risks or costs. Under section 107(c)(5), the Commission Issued a final regulation designating natural gas produced from tight formations as high-cost gas which may receive an incentive price (18 C.P.R. § 271.703). This rule established procedures for jurisdictional agencies to submit to the Commission recommendations of areas for designation as tight formations. This final order adopts the recommendation of the State of New Mexico Energy and Minerals Department, Oil Conservation Division, that the Dakota Producing Interval be designated as a tight formation under § 271.703(d).

EFFECTIVE DATE: This rule is effective September 30, 1982.

FOR FURTHER INFORMATION CONTACT: Leslie Lawner, (202)357-8511
or Victor Zabel, (202) 357-8616.

DC-C-108

- 2 -

Docket No. RM79-76-103

to an infill drilling order, the commenters argue, indicates that certain areas within the recommended formation may be subject to exclusion from the tight formation designation under \$ 271.703(c)(2)(i)(D). Section 271.703(c)(2)(i)(D) provides that:

If the formation or any portion thereof was authorized to be developed by infill drilling prior to the date of recommendation and the jurisdictional agency has information which in its judgment indicates that such formation or portion subject to infill drilling can be developed absent the incentive price established in paragraph (a) of this section then the jurisdictional agency shall not include such formation or portion thereof in its recommendation.

Section 271.703(b)(6) defines infill drilling as any itilling in a substantially developed formation or portion-thereof, subject to well spacing or proration unit requirements which were amended by the jurisdictional agency after the formation or portion thereof was substantially developed, and which were adopted for the purpose of more effective and efficient drainage of the reservoirs in such formation. Therefore, if the recommended formation was substantially developed at the time that Order No. R-1670-V was issued, then such area should be excluded from the tight formation designation.

The recommended area was governed by special rules and regulations promulgated by New Mexico in Order No. R-1670-C, issued November 4, 1960. This order consolidated all Dakota Producing Interval production in San Juan and Rio Arriba Counties, created the Basin Dakota Gas Pool, and established 320 acre gas proration units. Order No. R-1670-V retained the 320 acre units, but allowed the drilling of an additional well on each unit. There are 304 drilling units contained in the

#### UNITED STATES OF AMERICA FEDERAL ENERGY REGULATORY COMMISSION

Before Commissioners: C. M. Butler III, Chairman; Georgiana Sheldon, J. David Hughes, A. G. Sousa and Oliver G. Richard III.

Righ-Cost Gas Produced from Tight Pormations Docket No. RM79-76-103 (New Mexico - 9)

ORDER NO. 262

PINAL RULE

(Issued September 30, 1982)

The Commission hereby amends § 271.703(d) of its regulations to include the Dakota Producing Interval in San Juan County, New Mexico, as a designated tight formation eligible for incentive pricing under \$271.703. The amendment was proposed in a Notice of Proposed Rulemaking by the Director, Office of Pipeline and Producer Regulation, issued March 3, 1982 (47 Ped. Reg. 10241, March 10, 1982), 1/ based on a recommendation by the State of New Mexico Energy and Minerals Department, Oil Conservation Division (New Mexico) in accordance with § 271.703, that the Dakota Producing Interval be designated as a tight formation.

The Commission received two comments in response to the Notice of Proposed Rulemaking in this docket, one jointly filed by Southern California Gas Company and Pacific Lighting Gas Supply Company (SoCal) and one from Pacific Gas and Electric Company (PGSE).

Both commenters noted that New Mexico Order No. R-1670-V, issued May 22, 1979, authorized infill drilling in the Basin Dakota Gas Pool. The fact that the recommended area is subject

1/ No party requested a hearing and no hearing was held.

Docket No. RM79-76-103 - 3 -

recommended area. Prior to the issuance of Order No. R-1670-V, wells had been coupleted on 23 of these units, representing 7.6% of the available drilling sites. The Commission therefore finds that the recommended area does not fall within the infill irilling exclusion because the area was not substantially leveloped at the time the infill drilling order was issued.

SoCal also raised specific questions concerning the recommendation. 2/ In Exhibit No. 6, the applicant before New Mexico presented pressure data for calculation of the permeability of the Patterson "B" well; however, a shut-in bottom hole pressure from a well 9,600 feet south of this well was used for this calculation. SoCal questions the accuracy of permeability figure: based on data from more than one well. The Commission recognizes that it is an accepted procedure when working with formations of low permeability characteristics to use data from other wells, since the bottom hole pressure will not vary appreciably across the area, and the amount of time needed for the pressure to build back up in a recently drilled well is too long for practical measurement.

Socal notes that a transcript of the New Mexico proceeding was not in the Commission's files, and that this made it impossible for Socal to correctly evaluate the data submitted in support of the recommendation. The Commission staff had requested a copy of the transcript from New Mexico, but did not receive it until after Socai's comments were filed. There is no affirmative requirement that a jurisdictional agency submit a transcript with its recommendation. However, SoCal was informed of the receipt of the vranscript, and had an opportunity to examine it. SoCal has not filed any additional comments since the transcript was received. Moreover, the Commission's review of the transcript indicates that it does not contain any type of data that was not included in the recommendation as initially received by the Commission.

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## c. Mike Stogner pp 44114-47115

Federal Register / Vol. 47, No. 194 / Wednesday. October 6, 1982 / Rules and Regulations

(B) Depth. The Wattenberg J Sand Formation ranges in depth from 7,600 feet to 8,400 feet. The average depth is 8,000 feet.

(ii) The J Sand Formation.—(A)
Delineation of formation. This formation
underlies all or portions of Townships 1
and 2 South, Ranges 69 and 70 West;
Townships 1 and 2 North, Range 70
West; Townships 3 and 4 North, Ranges
69 and 70 West; Township 5 North,
Range 63 West; and Township 6 North,
Ranges 63 through 69 West, 6th P. M.

(B) Depth. The J Sand Formation ranges from a depth of 7,800 feet to 8,400 feet. The average depth is approximately 8,000 feet.

[FR Doc. 82-27433 Filed 10-8-82 8-45 am]

BILLING CODE 6717-01-M

#### 18 CFR Part 271

[Docket No. RM79-76-103 (New Mexico-9); Order No. 262]

High-Cost Gas Produced From Tight Formations; New Mexico; Final Rule

AGENCY: Federal Energy Regulatory Commission, DOE.

ACTION: Final rule.

**SUMMARY:** The Federal Energy Regulatory Commission is authorized by section 107(c)(5) of the Natural Gas Policy Act of 1978 to designate certain types of natural gas as high-cost gas where the Commission determines that the gas is produced under conditions which present extraordinary risks or costs. Under section 107(c)(5), the Commission issued a final regulation designating natural gas produced from tight formations as high-cost gas which may receive an incentive price (18 CFR 271.703). This rule established procedures for jurisdictional agencies to submit to the Commission recommendations of areas for designation as tight formations. This final order adopts the recommendation of the State of New Mexico Energy and Minerals Department, Oil Conservation Division, that the Dakota Producing Interval be designated as a tight formation under § 271.703(d).

EFFECTIVE DATE: This rule is effective September 30, 1982.

FOR FURTHER INFORMATION CONTACT: Leslie Lawner, (202) 357–8511 or Victor Zabel, (202) 357–8616.

#### SUPPLEMENTARY INFORMATION:

The Commission hereby amends
271.703(d) of its regulations to include
the Dakota Producing Interval in San
Juan County, New Mexico, as a

designated tight formation eligible for incentive pricing under \$ 271.703. The amendment was proposed in a Notice of Proposed Rulemaking by the Director. Office of Pipeline and Producer. Regulation. issued March 3, 1982 (47 FR 10241, March 10, 1982), based on a recommendation by the State of New Mexico Energy and Minerals. Department, Oil Conservation Division (New Mexico) in accordance with \$ 271.703, that the Dakota Producing Internal be designated as a tight formation.

The Commission received two comments in response to the Notice of Proposed Rulemaking in this docket, one jointly filed by Southern California Gas Company and Pacific Lighting Gas Supply Company (SoCal) and one from Pacific Gas and Electric Company (PG&E).

Both commenters noted that New Mexico Order No. R-1670-V, issued. May 22, 1979, authorized infill drilling in the Basin Dakota Gas Pool. The fact that the recommended area is subject to an infill drilling order, the commenters argue, indicates that certain areas within the recommended formation may be subject to exclusion from the tight formation designation under § 271.703(c)(2)(i)(D). Section 271.703(c)(2)(i)(D) provides that

If the formation or any portion thereof was authorized to be developed by infill drilling prior to the date of recommendation and the jurisdictional agency has information which in its judgment indicates that such formation or portion subject to infill drilling can be developed absent the incentive price established in paragraph (a) of this section then the jurisdictional agency shall not include such formation or portion thereof in its recommendation.

Section 271.703(b)(6) defines infill drilling as any drilling in a substantially developed formation or portion thereof. subject to well spacing or proration unit requirements which were amended by the jurisdictional agency after the formation or portion thereof was substantially developed, and which were adopted for the purpose of more effective and efficient drainage of the reservoirs in such formation. Therefore, if the recommended formation was substantially developed at the time that Order No. R-1670-V was issued, then such area should be excluded from the tight formation designation.

The recommended area was governed by special rules and regulations promulgated by New Mexico in Order No. R-1670-C, issued November 4, 1960. This order consolidated all Dakota Producing Interval production in San Juan and Rio Arriba Counties, created the Basin Dakota Gas Pool, and established 320 acre gas proration units. Order No. R-1670-V retained the 320 acre units, but allowed the drilling of an additional well on each unit. There are 304 drilling units contained in the recommended area. Prior to the issuance of Order No. R-1670-V. wells had been completed on 23 of these units, representing 7.6% of the available drilling sites. The Commission therefore finds that the recommended area does not fall within the infill drilling exclusion because the area was not substantially developed at the time the infill drilling order was issued.

SoCal also raised specific questions concerning the recommendation.2 In Exhibit No. 6, the applicant before New Mexico presented pressure data for calculation of the permeability of the Patterson "B" well; however, a shut-in bottom hole pressure from a well 9.600 feet south of this well was used for this calculation. SoCal questions the accuracy of permeability figures based on data from more than one well. The Commission recognizes that it is an accepted procedure when working with formations of low permeability characteristics to use data from other wells, since the bottom hole pressure will not vary appreciably across the area, and the amount of time needed for the pressure to build back up in a recently drilled well is too long for practical measurement.

With respect to Exhibit No. 7. SoCal questioned the validity of using a calculated "shut-in bottom hole pressure at draining radius" (which measures wellhead pressure) in determining in situ permeability for the Southland Pierce No. 2 Well. The Commission finds that this is a standard petroleum engineering practice to calculate bottom hole pressure from a wellhead pressure by using a generally accepted formula.

SoCal further questioned Exhibit No. 13, which gives cumulative oil

<sup>&#</sup>x27;No party requested a hearing and no hearing was held.

SoCal notes that a transcript of the New Mexico proceeding was not in the Commission's files, and that this made it impossible for SoCal to correctly evaluate the data submitted in support of the recommendation. The Commission staff had requested a copy of the transcript from New Mexico, but did not receive it until after SoCal's comments were filed. There is no affirmative requirement that a jurisdictional agency submit a transcript with its recommendation. However, SoCal was informed of the receipt of the transcript. and had an opportunity to examine it. SoCal has not filed any additional comments since the transcript was received. Moreover, the Commission's review of the transcript indicates that it does not contain ent type of data that was not included in the recommendation as minimily received by like Commission.

immediately available establishes good

production data for several wells in the area, but which gives no sate of oil production, in light of

\$ 271.703(c)(2)(i)(C), which provides that no well drilled in the tight formation is expected to produce, before stimulation, more than five barrels of crude oil per day. In response to an inquiry by Commission staff, a letter was submitted by the applicant to New Mexico, dated July 23, 1982, in which it. clarified the evidence in this exhibit, by stating that (1) oil and condensate production is not distinguished by the producer when reporting to New Mexico, (2) the production listed in the exhibit is post-stimulation condensate production, and (3) there is no actual oil production from the wells listed in the exhibit.

Finally, PG&E maintained that since El Paso Natural Gas Company, which has an extensive infill drilling program in the San Juan Basin, is able to price gas produced through this program on a cost-of-service basis, it is guaranteed full recovery of its costs and expenses, plus a reasonable rate of return, PG&E argues therefore that an incentive price is not necessary or justified. The Commission has already addressed this issue in two prior tight formation orders. Order No. 235, Docket No. RM79-76-097 (New Mexico-8), issued June 4, 1982. and Order No. 244, Docket No. RM79 76-109 (New Mexico-12), Issued August 4, 1982. The Commission stated in Order No. 244:

The issue in this docket is whether the recommended " " [formation meets the standards prescribed in § 271.203(c). Moreover, there are or can be gas producers in the recommended formation other than El Paso, which do not receive cost of service pricing for gas produced therefrom Finelly, the tight formation incentive price is a ceiling price, and as such there is no guarantee that a producer, including a pipeline, will be able to charge and collect that price.

This rationale is equally applicable in this case.

Based upon the above discussion, the Commission finds that the evidence submitted by New Mexico supports the assertion that the Dakots Producing Interval meets the guidelines contained in § 271.703(c)(2)(i). The Commission adopts the New Mexico recommendation.

This amendment shall become effective immediately. The Commission has found that the public interest dictates that new natural gas supplies be developed on an expedited basis, and, therefore, incentive prices should be made available as soon as possible. The need to make incentive prices.

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cause to waive the thirty-day publication period.

#### List of Subjects in 18 GFR Part 271

Natural gas. Incentive price. Tight formations.

(Department of Energy Organization Act, 42 U.S.C. 7107 of seq.; Natural Gas Policy Act of 1978, 15 U.S.C. 3301-3432 Administrative Procedure Act, 5 U.S.C. 553)

In consideration of the foregoing, Part-271 of Subchapter H. Chapter I. Code of Federal Regulations, is amended as set forth below, effective September 30, 1982.

By the Commission.

Kenneth F. Shanka Andr in sail Grossan A. Secretary State of a particular sail of the control of

September 30, 1982.

#### PART 271 [AMENDED]

Section 271.703 is amended by adding new paragraph (d)(110) to read as follows:

infrattificall static abouteries.

## § 271.708 Tight formations.

(d) Designated tight formations. (110) The Dakota Producing Interval in New Mexico: RM79-78-103 (New Mexico 9): (i) Delineation of formation: The Dakota Producing Interval is found within the Besin-Dekote Gas Pool in the northwestern portion of the San Juan Basin near the Hogback Monocline. It is found in Sau hear County, in Township 31 North, Range 10 West, NMPM. Sections 1 through 36: Township 31 North Range 11 West, NMPM, Sections 1, 12, 130 22 through 27 and 34, 35 and 36. Township 32 North, Range 10 West, NMPM. Sections #through 36; Township 32 North Range 11 West, NMPM. Sections 7 through 27 and 34, 35 and 36; Township 32 North, Range 12 West, NMPM. Sections 7 through 24, 28 through 51; and Township 32 North, Range 13 West, NMPM, Sections 7 through 29 and 32 through 36.

(ii) Depth. The Dakota Producing Interval begins at the base of the Greenhorn Limeatone and consists of the Graneres Formation, the Dakota Formation and the productive upper limit of the Morrison Formation. The average depth to the top of the Dakota Producing Interval is 6,753 feet. The gross thickness of the interval averages 400 feet.

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#### 18 CFR Part 271

[Decket No. RM79-76-080 (Texas-16); Order No. 263]

High-Cost Gas Produced From Tight Formations; Texas; Final Rule

AGENCY: Federal Energy Regulatory Commission, DOE. ACTION: Final rule.

**SUMMARY:** The Federal Energy Regulatory Commission is authorized by section 107(c)(5) of the Natural Gas. Policy Act of 1978 to designate certain types of natural gas as high-cost gas where the Commission determines that the gas is produced under conditions which present extraordinary risks or costs. Under section 107(c)(5), the Commission issued a final regulation designating natural gas produced from tight formations as high-cost gas which may receive an incentive price (18 CFR 271.703). This rule established procedures for jurisdictional agencies to submit to the Commission recommendations of areas for designation as tight formations. This final order adopts the recommendation of the Railroad Commission of Texas that the Olmos Formation be designated. as a tight formation under § 271.703(d). EFFECTIVE DATE: This rule is effective September 30, 1982

FOR FURTHER INFORMATION CONTACT: Leslie Lawner, (202) 357–8511 or Walter Lawson, (202) 357–8556.

#### SUPPLEMENTARY INFORMATION:

The Commission hereby amends § 271.703(d) of its regulations to include the Olmos Formation in parts of Webb. and Dimmit Counties, Texas as a designated tight formation eligible for incentive pricing under § 271.703. The amendment was proposed in a Notice of Proposed Rulemaking by the Director. Office of Pipeline and Producer Regulation, issued December 7, 1981 (48 FR 60467, December 10, 1981) 1 based on: a recommendation by the Railroad Commission of Texas (Texas) in accordance with § 271.703, that the Olmos Formation be designated #5 a. tight formation.

Evidence submitted by Texas 's supports the assertion that the O mos.

<sup>&</sup>lt;sup>1</sup>Comments were invited on the proposed rule and two comments supporting the recommendation were received. No party requested a hearing and no hearing was held.

The calculations for permeability and flow rates submitted by Texas are based on median values, rather than average values. However, using supplemental data supplied by Texas in response to a request from the Commission, the Commission has determined that the arithmetic average values for permeability and flow rates for the subject formation also satisfy the Commission's guidelines in § 271.703(c)(2).

Mimeo-at p. 2.

- (ii) Depth. The producing interval of the Dakota-Lakota Formation is approximately 175 to 185 feet thick, and begins at the base of the Skull Creek Formation and extends to the top of the Morrison Formation. The average depth to the top of the Dakota-Lakota Formation is 9,100 feet.
  - (109) Codell Formation in Colorado. RM79-76-122 (Colorado-25).
- (i) Delineation of formation. The Codell Formation underlies portions of Adams, Boulder, Jefferson, Larimer and Weld Counties, Colorado, and is located on the western flank of the Denver-Julesberg Basin a few miles north of Denver, Colorado. The Codell Formation is found in the following areas: Township 1 South, Ranges 64 through 70 West; Township 2 South, Ranges 69 and 70 West; Township 1 North, Ranges 64 through 70 West; Township 2 North, Ranges 64 through 69 West, all sections, Range 70 West, Sections 1 through 5, and 8 through 36; Township 3 North, Ranges 64 through 69 West, all sections, Range 70 West, Sections 1, 12, 13, 21 through 28, and 33 through 36; Township 4 North, Ranges 64 through 69 West; Township 5 North, Ranges 64 through 68 West, all sections, Range 69 West, Sections 1 through 4, 9 through 16, 20 through 29, and 31 through 36, Township 6 North, Ranges 64 through 68, all sections, Range 69 West, Sections 1 through 4, 9 through 16, 21 through 28, and 33 through 36.
- (ii) Depth. The Codell Formation ranges in depth from 3,000 to 8,000 feet, and is generally found at a depth of 7,000 feet, and averages 15 feet in thickness.
- (110) The Dakota Producing Interval in New Mexico. RM79-76-103 (New Mexico—9). (i) Delineation of formation. The Dakota Producing Interval is found within the Basin-Dakota Gas Pool in the northwestern portion of the San Juan Basin near the Hogback Monocline. It is found in San Juan County, in Township 31 North, Range 10 West, NMPM, Sections 1 through 36; Township 31 North Range 11 West, NMPM, Sections, 1, 12, 13, 22 through 27 and 34, 35 and 36; Township 32 North, Range 10 West, NMPM, Sections 7 through 36; Township 32 North, Range 11 West, NMPM, Sections 7 through 24, 28 through 31; and Township 32 North, Range 13 WEST, NMPM, Sections 7 through 29 and 32 through 36.
- (ii) Depth. The Dakota Producing Interval begins at the base of the Greenhorn Limestone and consists of the Graneros Formation, the Dakota Formation and the productive upper limit of the Morrison Formation. The average depth to the top of the Dakota Producing Interval is 6,753 feet. The gross thickness of the interval averages 400 feet.
- (111) The Olmos Formation in Texas. RM79-76 (Texas—16)—(i) Dimmit and Webb Counties—(A) Delineation of formation. The Olmos Formation is located in the northwest portion of Webb County and the southern portion of Dimmit County in Texas. The Formation includes all of that portion of Dimmit County extending approximately 14 miles north of the boundary of Webb County, and all of that portion of northwest Webb County west of a north-south line extending south from a point approximately 1.5 miles east of the southwest corner of La Salle County, and north of an east-

#### ADMINISTRATIVE ORDER DHC-1392

Burlington Resources Oil & Gas Company P.O. Box 4289 Farmington, New Mexico 87499-4289

Attention: Ms. Peggy Bradfield

Culpepper Martin Well No.1A (API No.30-045-25112)
Unit G, Section 31, Township 32 North, Range 12 West, NMPM,
San Juan County, New Mexico.
Blanco Mesaverde (Gas - 72319) and
Basin Dakota (Prorated Gas - 71599) Pools

Dear Ms. Bradfield:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the subject well to commingle production from multiple pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the subject zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

In accordance with the provisions of Rule 303.C., the supervisor of the Aztec District Office of the Oil Conservation Division shall determine the proper allocation of production from the subject well following its completion.

REMARKS: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 28th day of October, 1996.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. KEMAY

Director

SEAL

WJL/BES

cc: Oil Conservation Division - Aztec

Bureau of Land Management - Farmington

District 1 PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals, & Natural Resources Department

Form C-104 Revised February 21, 1994

District II P.O Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION PO Box 2088

Instructions on back Submit to Appropriate District Office 5 Copies

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

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District 1 PO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals, & Natural Resources Departm

Form C-104 Revised February 21, 1994

District II P.O Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION PO Box 2088

Instructions on back Submit to Appropriate District Office 5 Copies

Santa Fe, NM 87504-2088

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UI or lot no.	Section	Township			Lot.Idn	Feet from the				East/West Line County	
11 D -44	31	0321	N (	012W		1850	- 14	1850		E	SAN JUAN
11 Bottom	Section	ation Township	Ran	ge	Lot.Idn	Feet from the	North/South Li	ne Feet from the	Eas	t/West Line	County
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12 Lse Code	1	Producing Meth	od Code	14 Gas Co	onnection Date	15 C-129 Permit	Number	16 C-129 Effective	Date	17 C-129	Expiration Date
III. Oil an	d Gas Tra										
	sporter RID		ransporter N and Address		20 ]	POD		21 O/G			STR Location escription
	244		IELD SERVICE			,		G	G-	-31-T03	32N-R012W
		SALT LAKE	CITY, UT 84	158-0900							
9(	18	Giant Indu			153	2510		0	G-	-31-T03	32N-R012W
			, NM 87401								
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11.11000		23 PO	D				² POD	ULSTR Location	and Des	cription	
V. Well C	ompletion	n Data		_							
	id Date		26 Ready Da	te	· z	TD		2ª PBTD		29 Per	forations
	Hole Size		31 C	asing & Tu	ibing Size	3:	Depth Set			33 Sacks Ce	ment
								,			
			_			-		-	-		
							- Jed.	4	*		
VI. Well										1	
" Date New O	il	" Gas Delivery	/ Date	36 Test I	Date	77 Test Length		38 Tbg. Pressure		3º Csg. F	ressure
40 Choke Size		41 Oil		42 Water		41 Gas		4 AOF		45 Test M	fethod
Choke Size		Oil		W atte		- Cas		, , , , , , , , , , , , , , , , , , , ,		1001	
46 I hereby cer	ify that the rul	es of the Oil Co	nservation I	Division ha	we been complied		OIL CO	NSERVATI	ON F	OIVISIO	N
	he information	given above is						······································	J. 4 1J	_ , ,,,,,,,	- '
_	•	2.				Assessed by:	Frank '	Γ. Chavez			
PIEDIGINAS:	How &	2.	·			Approved by:	I I GILK				
Printed Name						Title:	Distric	t Supervisor			
Title:						Approved Date	July 1	1, 1996			
Productio Date:	n Associat	e	<u>:</u>	Phone				•			
7/11/96		SII !- al - O	יי-		326-9700 ne of the previous of	merator					
14538 Meridian	Oil Production		משחעו מדער	el and nam	ie or die previous (			m'at		70	
	revious Operat					Printed Name		Title		Dat	
Signature:	Ven E	teen				Dolores Diaz		Production Associat	æ	7/11	/96

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry	Notices	and	Reports	on	Wells

			A	PI # (assigned by OCD)
m	N-11		5	30-045-25112 . Lease Number
. Type of I	METT		3	Fee
			6	. State Oil&Gas Lease #
2. Name of	Operator		7	. Lease Name/Unit Name
BUR	LINGTON OF			
RESU	JURCES OIL	& GAS COMPANY		Culpepper Martin
	6 Di W 6 O	A	8	. Well No. 1A
	& Phone No. of Opera	87499 (505) 326-9700	9	. Pool Name or Wildcat
PO BOX	4209, rankingeon, NA	07499 (303) 320 3700	,	Blanco MV/Basin DK
. Location	of Well, Footage, S	ec., T, R, M	_ 1	O. Elevation:
		T-32-N, R-12-W, NMPM,	San Juan Count	У
	Submission	Type of A		Dlang
	Notice of Intent	Abandonment Recompletion	Change of New Constr	
X :	Subsequent Report	Plugging Back	Non-Routin	
		Casing Repair	Water Shut	off
	Final Abandonment	Altering Casing		to Injection
		X Other - Comming	.e	
	Dakota tbg out	of pkr. SDON.		e tbg. TOOH w/2 jts
12-27	-96 TOOH w/106 jts -96 TIH to top of p @ 7010'. SDON. -96 Clean out well J-55 EUE tbg,	of pkr. SDON. 2 3/8" Dakota tbg. TIF kr. Mill on pkr. Circ to PBTD @ 7055'. Circ landed @ 6982'. Circ h	to lnr top @ hole clean. TO	4250'. SD for weekend. OH w/pkr. TIH, tag fill H w/226 jts 2 3/8" 4.7#
12-27 12-30 12-31 1-2-9	-96 TOOH w/106 jts -96 TIH to top of p @ 7010'. SDON. -96 Clean out well J-55 EUE tbg, 7 RD. Rig release	of pkr. SDON. 2 3/8" Dakota tbg. TIF kr. Mill on pkr. Circ to PBTD @ 7055'. Circ landed @ 6982'. Circ h	to lnr top @ hole clean. TO hole clean. TI ole clean. SD	4250'. SD for weekend.  OH w/pkr. TIH, tag fill  H w/226 jts 2 3/8" 4.7#  for holiday.
12-27 12-30 12-31 1-2-9	-96 TOOH w/106 jts -96 TIH to top of p @ 7010'. SDON. -96 Clean out well J-55 EUE tbg, 7 RD. Rig release	of pkr. SDON.  2 3/8" Dakota tbg. TIF kr. Mill on pkr. Circ  to PBTD @ 7055'. Circ landed @ 6982'. Circ h d.	to lnr top @ hole clean. TO hole clean. TI ole clean. SD	A250'. SD for weekend. OH w/pkr. TIH, tag fill H w/226 jts 2 3/8" 4.7# for holiday.  2. DEC IVE FEB 1 0 1997
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12-27 12-30 12-31 1-2-9 Well	-96 TOOH w/106 jts -96 TIH to top of p @ 7010'. SDON96 Clean out well J-55 EUE tbg, RD. Rig release will produce as a Me	of pkr. SDON.  2 3/8" Dakota tbg. Tilk kr. Mill on pkr. Circ to PBTD @ 7055'. Circ landed @ 6982'. Circ h d.  saverde/Dakota comming	to lnr top @ hole clean. To hole clean. TI ole clean. SD :	4250'. SD for weekend. OH w/pkr. TIH, tag fill H w/226 jts 2 3/8" 4.7# for holiday.  2. DEC IVE FEB 1 0 1997  OIL CON. DIVI DIST. 3  oruary 4, 1997  2 - 10 -

State of New Mexico

On Conservation Division

State of New Mexico

On Conservation Division

4 MILU - /	dry Notices and Ro	eborts on Mett	5
- 106 MO 7 PM 8 52 Sur		API	# (assigned by OCD) 30-045-25112
1. Type of Well GAS		5.	Lease Number Fee
GAD		6.	State Oil&Gas Lease #
. Name of Operator		7.	Lease Name/Unit Name
BURLINGTON			
OIL & GAS	COMPANY	0	Culpepper Martin
Address & Phone No. of Operator		8.	Well No. 1A
PO Box 4289, Farmington, NM 87499	(505) 326-9700	9.	
	(		Blanco MV/Basin DK
. Location of Well, Footage, Sec., T,			Elevation:
1850'FNL, 1850'FEL, Sec.31, T-32-N,	R-12-W, NMPM, Sai	n Juan County	
Type of Submission	Type of Act:	ion	
	bandonment	Change of Pla	ans
	Recompletion	New Construct	
	lugging Back	Non-Routine	
	asing Repair	Water Shut o	
	ltering Casing	Conversion to	o Injection
_x_ c	ther - Commingle		
		PEC	Elles
		<b>OIL</b> (20	- 1 1996 J
		0HL G(	- 1 1996 J DM. DMY M. 3
SIGNATURE DEGRAS Sharhuld	(MEL4) Regulatory 1		- 1 1996 DIV DIV October 31, 1996
	(MEL4)Regulatory		_October 31, 1996
(This space for State Use)		Administrator_	

### Culpepper Martin SRC #1A

Mesaverde / Dakota Unit G Section 31, T32N, R12W Lat. 36.944702 Long. -108.133301 by TDG Commingle Workover Procedure 10/2/96

- 1. Hold safety meeting. Comply with all MOI, BLM and NMOCD rules and regulations. Dig flowback pit or set flowback tank. Install 1x400 bbl rig tank and fill w/ 2% KCL water.
- 2. Obtain and record all wellhead pressures. NU relief line. Blow well down and kill with 2% KCL water as necessary. ND WH and NU BOP.
- 3. TOOH w/ 2-3/8" Mesaverde tubing set at 4214'. TOOH w/ 2-3/8" Dakota tubing set at 6955' and Baker Model "D" seal assembly and lay down. Inspect tubing and report any scale build up. (An acid wash may be necessary and will be pumped in step 6.)
- 4. PU Baker CJ milling tool on 2-3/8" tubing and TIH. Mill on Baker Model "D" packer with air\mist. Recover packer and TOOH.
- 5. PU 4-3/4" bit and 5-1/2", 15.5# casing scraper on 2-3/8" workstring and clean out to PBTD of 7055'. Obtain pitot gauge and record on morning report.
- 6. If tubing did not have excessive scale in Step 3, skip to Step 7. RU acid truck and pump 300 gallons of inhibited 15% HCL down tubing followed by air/mist. Allow acid to spend for 15 minutes then displace from hole.
- 7. PU above the Mesaverde perforations @ 4213' and flow the well naturally, making short trips for clean up when necessary. Obtain pitot gauge from MV and DK after clean up. TOOH w/ bit and scraper.
- 8. TIH with one joint of 2-3/8", 4.7#, J-55 tubing w/ expendable check, a seating nipple (one joint off of bottom), then the remaining 2-3/8" production tubing. CO to PBTD. Land tubing near bottom perforation (6992').
- 9. ND BOP, NU single tubing hanger wellhead. Pump off expendable check. Obtain final pitot up the tubing. If well will not flow on it's own, make swab run to seating nipple. If a swab run is not necessary, run a broach on slickline to ensure that the tubing is clear. RD and MOL. Return well to production.

Approval:		
•	Drilling Superintendent	

Approval:

Northwest Basin Team Leader

#### Contacts:

Engineers:

Mary Ellen Lutey

Office - (599-4052)

Home - (325-9387)

Pager - (324-2671)

Lori Lantz

Office - (599-4024)

Home - (324-0692)

MEL:mel

 $q: \ q: \ area \ ar 45\ 1996 proj \ culpm \ 1a \ pro. doc$ 

#### **Pertinent Data Sheet**

## **CULPEPPER MARTIN #1A**

Dual Mesaverde/Dakota Well

Location:

Unit G SW/4 NE/4, Section 31, T32N, R12W, 1850' FEL, 1850' FNL,

Lat. 36.944702 Long. -108.133301 by TDG

San Juan County, NM

Field: Mesaverde

Basin Dakota

Elevation: 5842' GL

KB: N/A

TD: 7100'

**PBTD:** 7055'

**Spud Date:** 08-08-81

Completed: 01-29-82

**DP No: MV: 12963S** 

DK: 12962S

Prop. No: 071381700

Casing/Liner Record:

Hole Size	Csg. Size	Wt. & Grade	Depth Set	Cement	Top/Cement
13 1/2"	10 3/4"	40.5# K-55	376'	250 sxs	surface
9 7/8"	7 5/8"	26.4# K-55	4415'	1200 sxs	surface
6 1/4"	5 1/2"	15.5# K-55	4250'-7098'	300 sxs	TOC 4370' (CBL)

Tubing Record: 2 3/8" 4.7# MV set @ 4214' and DK @ 6955'; Baker Model "D" packer set @ 4845'

#### **Formation Tops:**

1367
1390
2169°
2307
3747
4002
4550
4811
5898
6621
6687
6748
6827

Logging Record:

DIL, FDC, CNL, GR Cyberlook

#### Perf/Stim History:

<u>Mesaverde</u>

4213'-4241'

Fracture stimulated with 78,582 gal. slick KCI and 66,000# sand.

4554'-4808'

Fracture stimulated with 113,652 gal. slick KCI and 98,352# sand.

Total: 110 shots

**Dakota** 

6752'-6992'

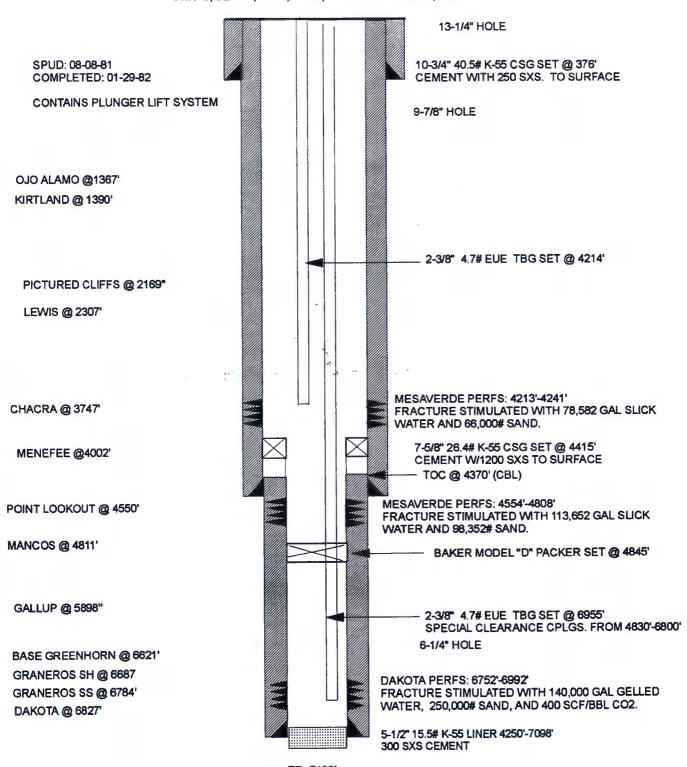
Fractured stimulated with 140,000 gal. gelled water, 250,000# sand, and 400

SCF/BBL CO2.

Total: 76 shots

### Culpepper Martin #1A Current 08-06-96

BLANCO MESAVERDE/BASIN DAKOTA UNIT G, SEC 31, T32N, R12W, SAN JUAN COUNTY, NM



TD: 7100' PBTD: 7055'

Submit 5 Copies
Appropriate District Office
DISTRICT I State of New Mexico Energy, Minerals and Natural Resources Department CONSERV ON DIVERTED 1-1-89 P.O. Box 1980, Hobbs, NM 88240 RECE VED See Instruct OIL CONSERVATION DIVISION DISTRICT II P.O. Drawer DD, Artesia, NM 88210 '91 OCT 2 AM 9 21 P.O. Box 2088 Santa Fe, New Mexico 87504-2088 DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410 REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS Operator Well API No. <u>Meridian OII Inc.</u> 30-045-25112 Box 4289, Farmington, NM 87499 0 Reason(s) for Filing (Check proper bax) Other (Please explain) New Well Change in Transporter of: Recompletion Oil Dry Gas Effective 9/17/91 X Change in Operator Casinghead Gas Condensate If change of operator give name and address of previous operator UNION TEXAS PETROLEUM: P.O. BOX 2120, HOUSTON, TX 77252 II. DESCRIPTION OF WELL AND LEASE Lease Name Pool Name, Including Formation Basin Dakota Well No. Kind of Lease Lease No. Culpepper Martin 1 A State, Federal or Fee Fee Location Unit Letter \_\_\_G 1850 north Feet From The east Line and 1850 Feet From The \_ Line Section 31 Township 32N 12W Range NMPM, San Juan III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS Name of Authorized Transporter of Oil or Condensate Address (Give address to which approved copy of this form is to be sent) X. Meridian Oil Inc. P.O. Box 4289; Farmington, NM 87499 Name of Authorized Transporter of Casinghead Gas or Dry Gas X Address (Give address to which approved copy of this form is to be sent) SUNTERRA GAS GATHERING CO. P.O. BOX 26400, ALBUOUERQUE, NM 87125 If well produces oil or liquids, give location of tanks. Unit Sec. Twp. Rge. Is gas actually connected? When? If this production is commingled with that from any other lease or pool, give commingling order number: IV. COMPLETION DATA Oil Well Gas Well New Well | Workover Deepen Plug Back Same Res'v Diff Res'v Designate Type of Completion - (X) Date Spudded Date Compl. Ready to Prod. Total Depth P.B.T.D. Elevations (DF, RKB, RT, GR, etc.) Name of Producing Formation Top Oil/Gas Pay Tubing Depth Perforations Depth Casing Shoe TUBING, CASING AND CEMENTING RECORD HOLE SIZE CASING & TUBING SIZE **DEPTH SET** SACKS CEMENT V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.) Date First New Oil Run To Tank Date of Test Producing Method (Flow, pump, gas lift, etc.) Length of Test **Tubing Pressure** Casing Pressure Actual Prod. During Test Oil - Bbls. Water - Bbis SEP2 3 1991 GAS WELL OIL CON DIV. Actual Prod. Test - MCF/D Length of Test Bbis. Condensate/MMCF DIST. 3 Testing Method (puot, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Shut-in) Choke Size VI. OPERATOR 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 above SEP 2 3 1991 is true and complete to the best of my knowledge and belief. Date Approved Deslu 3.11 By $_{\scriptscriptstyle -}$ Signature SUPERVISOR DISTRICT #3 Production Analyst Leslie Kahwajy 505-326-9700 Printed Name Title: 9/20/91 Telephone No.

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

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

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

3) Fill out only Sections I II III and VI for changes of a

Nicial p<mark>art obtaine</mark> State of New Mexico OIL CONSERV UN DIVISION Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240 Energy, Minerals and Natural Resources Department Form C-104 ed 1-1-AM 9 21 See Instructions at Bottom of Page OIL CONSERVATION DI DISTRICT II P.O. Drawer DD, Artesia, NM 88210 P.O. Box 2088 Santa Fe, New Mexico 87504-2088 DISTRICT III 1000 Rio Brazos Rd., Azzec, NM 87410 REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS Operator Well API No. Meridian Oil Inc. 30-045-25112 Addres P. O. Box 4289, Farmington, NM 87499 Reason(s) for Filing (Check proper box) Other (Please explain) New Well Change in Transporter of: Dry Gas Recompletion Oil Change in Operator X Caninghead Gas Condensate Effective 9/17/91 If change of operator give name and address of previous operator

UNION TEXAS PETROLEUM: P.O. BOX 2120, HOUSTON, TX 77252 II. DESCRIPTION OF WELL AND LEASE Well No. | Pool Name, Including Formation 1A | Blanco Mesaverde Lease Name Kind of Leas Culpepper Martin Lease No. State, Federal or Fee Fee Location 1850 Unit Letter \_\_\_\_G Feet From The east Line and 1850 Line 32N 31 Township NMPM San Juan Range 12W County III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS Name of Authorized Transporter of Oil or Condensate Address (Give address to which approved copy of this form is to be sent) X Meridian Oil Inc. P.O. Box 4289; Farmington, NM 87499 Name of Authorized Transporter of Casinghead Gas or Dry Gas X Address (Give address to which approved copy of this form is to be sent) SUNTERRA GAS GATHERING CO. P.O. BOX 26400, ALBUOUEROUE, NM 87125 If well produces oil or liquids, Unit Sec Twp. Rge. When ? is gas actually connected? give location of tanks. If this production is commingled with that from any other lease or pool, give commingling order number: IV. COMPLETION DATA Oil Well Gas Well New Well Workover Deepen Plug Back Same Res'v Diff Res'v Designate Type of Completion - (X) Date Spudded Date Compl. Ready to Prod. Total Depth PRTD Elevations (DF, RKB, RT, GR, etc.) Name of Producing Formation Top Oil/Gas Pay **Tubing Depth** Perforations Depth Casing Shoe TUBING, CASING AND CEMENTING RECORD HOLE SIZE CASING & TUBING SIZE **DEPTH SET SACKS CEMENT** V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.) Date First New Oil Run To Tank Date of Test Producing Method (Flow, pump, gas lift, etc.) Length of Test Tubing Pressure Casing Pressure Actual Prod. During Test Oil - Bbls. Water - Bhis. SEP 2 3 1991 **GAS WELL** Actual Prod. Test - MCF/D Length of Test COM CON. DIV. Bbls. Condensate/MMCF Testing Method (pitot, back pr.) Tubing Pressure (Shut-in) Casing Pressure (Shut-in) VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above

is true and complete to the best of my knowledge and belief. Sahwayy Deslee 7

Signature Production Analyst Leslie Kahwajy Printed Name

Title 505-326-9700

9/20/91 Date Telephone No.

## OIL CONSERVATION DIVISION

Date Approved \_\_\_\_SEP 2 3 1991

3.1) day

SUPERVISOR DISTRICT #3 Title\_

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

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

Submit 5 Comes
Appropriate District Office
DISTRICT 1
P.O. Box 1980, Hobbs, NM 88240

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

OIL CONSERVATION DIVISION-104

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

OIL CONSERVATION DIVISION OF 12 PM 1 P.O. Box 2088

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

Santa Fe, New Mexico 87504-2088

I.	REQ	UEST F	OR AL	LOWA	BLE AND	AUTH	ORIZ	ATION		7		
Union Texas Petro	oleum C				Well AP! No.							_
Address											-	_
Reason(s) for Filing (Check proper box)	Houston	, Texa	1 <b>s</b> 77	252-2		her (Please						
New Well			в Тлаверо		_ 4	ner (riease	е ехриан	•)				
Recompletion Change in Operator	Oil	_	Dry Ga		_							
If change of operator give name	Camagne	ad Gas	Conden									
and address of bisolons obsessor				2								
II. DESCRIPTION OF WELL				SLAN	ing Formation							
Culpepper Mart	in	#1A		saver	1				of Lease Federal or Fe	Fee Fee	Lease No.	
Location	10	-	-(1)	Navel.						1 100		_
Unit Letter	-: <u>18</u>	50	Feet Fro	on The _	<u>E</u> 14	ns and	182	<u>_</u> F	eet From The	N	Line	
Section 3 Townshi	P 3	2N	Range	12	WN	IMPM.	5	41 -	7	1		
III DESIGNATION OF TRAN	SPORTS	TI OF O						<u> </u>	O NAL		County	_
III. DESIGNATION OF TRAN		or Conde	IL ANI	NATU	Address (Gi	we address	10 which	a announce	come of this	form is to be s		
Meridian Oil Inc.					P.O.	Box 42	89,	Farmin	gton, N	M 87499	9	
Name of Authorized Transporter of Casin Sunterra Gas Gath	phead Gas ering (	=	or Dry (	Ges 🔍	Address (Gi	w address	to which	арргочес	copy of this	form is to be a	ww.)·	_
If well produces oil or liquids,	Unit	Sec.	Twp.	Rge.	is gas acmai	y connecte	#00,	When	querque,	NM 871	25	_
If this production is commingled with that												
IV. COMPLETION DATA	HOM MAY OM	est, verses dit.	hoor' Bive	comming	mg order num	iber:	_					_
Designate Type of Completion	- (20)	Oil Well	G	as Well	New Well	Workow	er	Deepea	Plug Back	Same Res'v	Diff Res'v	_
Date Spudded	Date Com	A. Rendy to	Prod.		Total Depth					<u> </u>		
									P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of P	roducing Fo	DETRIBUTION		Top Oil/Gas	Pay			Tubing Dep	th		
Perforations									Depth Casin	g Shoe		_
	T	UBING.	CASIN	G AND	CEMENTI	NG REC	YORD.					_
HOLE SIZE		SING & TL				DEPTH S				SACKS CEMI	ENT	-
												_
V. TEST DATA AND REQUES	T FOR A	LIOW	DIE									_
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Length of Test	Tubing Pres				Casing Press	TPR			Choke Size			
							4		COCKE SIZE			i
Actual Prod. During Test	Oil - Bbls.				Water - Bbis.				Gas- MCF			_
GAS WELL												_
Actual Prod. Test - MCF/D	Length of T	est			Bbis. Conden	see/MMC	F		Gravity of C	ondensua		_
esting Method (pilot, back pr.)		- /8							To passive.			
esting method (puot, ouck pr.)	Tubing Pres	ans (2014-	·m)		Casing Press.	ne (Shut-in	9 11		Choke Size			~
VL OPERATOR CERTIFICA	TE OF	COMP	LIANC	E								
I hereby certify that the rules and regules Division have been complied with and the	ions of the C	Dil Conserv	<b>Tation</b>			DIL CO	SNC	ERVA	ATION [	DIVISIO	N	
is true and complete to the best of my in	loasiedde str	tauca give 1 belief.	a above		Dete	<b>A</b>	استسا					
11 40	11:1				Date	Appro	vea .		AUS	28 198	9	_
Signature	Sicker,				Ву			7		1	/	
Annette C. Bisby	Env		Secr	try				011-		-	-	-
Printed Name 8-7-89	(7		Tille 58–401	2	Title			301	EKAIZI(	ON DISTR	ICT#3	
Date		Telep	bose No.									

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

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Security Form C-174 must be filed for each nool in mateinly or

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

DISTRICT III 1000 Rio Brazos Rd., Azzec, NIM 87410

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

OIL CONSERVATION DIVISION

Santa Fe, New Mexico 87504-2088 89 967 12 PM 1 13

Energy, Minerals and Natural Resources Department OIL CONSERVATION DIVISION C-104
OIL CONSERVATION DIVISION See Instruction

RECEIVED

State of New Mexico

<u>I.</u>	nec.	TOTA	ANSPOR	T OIL	AND NATURA	HORE	ZATION ac			
Operator Union Texas Petr	oleum (				THE REPORT	TE CO		API No.		-
Address										
Reason(s) for Filing (Check proper box)	Houston	, Texa	s 7725	2-21						
New Well		Change is	Transporter o	of:	Other (Plea	use empir	zin)			
Recompletion	Oil	Y	Dry Gas							
Change in Operator	Casinghe	ad Gas	Condensate		<u>*</u>					
If change of operator give name and address of previous operator			·							
II. DESCRIPTION OF WELL	AND LE	ASE	CBAS	IN						
Culpepper Mart	in	#1A	N Dakot	lacted:	ng Formation			of Lease	Fee Fee	Lease No.
Location			it ( Banot	<u> </u>			3000	, Federal or F	ne ree	
Unit Letter	-:-18	350	Feet From T	he	E Line and _	185	50	icet From The	N	Line
Section 3 / Townsh	in 3	2N	Range	121	,					LIBE
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		NK	JUAN		County
III. DESIGNATION OF TRAN		or Conde	IL AND N	ATU	RAL GAS					
Meridian Oil Inc		Of COBBRE			P.O. Box 4	239.	ich approve Farmin	d copy of this	form is to be s	ent)
Name of Authorized Transporter of Casin	ighead Gas		or Dry Gas	\(\sqrt{1}\)	Address (Give addres	to wh	ich approve	d copy of this	form is to be s	ent).
Sunterra Gas Gath	Unit	Co.	Terp.	-	P.O. Box 26	5400,	Albur	querque,	NM 871	25
give location of tanks.			li		is gas actually country	ted?	When	2 ?		
If this production is commingled with that  IV. COMPLETION DATA	from any ot	her lease or	pool, give con	mingli	ng order number:					
IV. COMPLETION DATA		Oil Well	Gas W	Zall .	No. Street Control					
Designate Type of Completion	- (X)		J GES W	eu	New Well   Works	met	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Com	pi. Ready to	Prod.		Total Depth			P.B.T.D.		<u>.</u>
Elevations (DF, RKB, RT, GR, etc.)	Name of P	roducing Fo	Tratiog		Top Oil/Gas Pay			Tubing Dep		
Perforations								rand Depti		
								Depth Casin	g Shoe	
		UBING,	CASING A	ND (	EMENTING RE	CORL	5			
HOLE SIZE	CA	SING & TU	BING SIZE		DEPTH				SACKS CEM	ENT
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	1			!				:		
V. TEST DATA AND REQUES	T FOR A	IIOWA	DIE					:		
				must &	e equal to or exceed to	on allow	unhla for thi	e domb on he i	- 4.0 94 t	
Date First New Oil Run To Tank	Date of Te	a			Producing Method (Fi	ow, pear	p, gas lift, i	tc.)	ar juli 24 Rosa	3.)
Length of Test	Tubing Pre			-	Corina Barrari	-		10 1 1		
	rantig rie	- Courc			Casing Pressure	4		Choks Size		
Actual Prod. During Test	Oil - Bbis.			ŀ	Water - Bbis.			Gas- MCF		
GAS WELL	-	-								
Actual Prod. Test - MCF/D	Length of	est		-	Bbls. Condengate/MM	7 <b>0</b>				
					COLUMN TO THE PARTY OF THE PART	CF	47.	Gravity of C	ondenesse	
esting Method (pitot, back pr.)	Tubing Pre	saure (Shut-	is)	1	Casing Pressure (Shut-	in)		Choka Size	-	
VL OPERATOR CERTIFIC	ATE OF	COMP	TANCE							
I hereby certify that the rules and regula	tions of the	Oil Conserv	ation		OIL C	ONS	SERV	NOITA	DIVISIO	N
Division have been complied with and to is true and complete to the best of my in	hat the infor	mation gives	above							•
	11:	- <b>vale</b> i.		-	Date Appro	oved		AUG 2	8 1389	
Innetto C	Bide				_		-		1	,
Signature Annette C. Bisby	Env	1 0	C		Ву		<u> </u>	1) 6	Thank	
Printed Name 8-7-89		'	Secrit	¥	Title		SUPE	RVISION	DISTRIC	T#3
0=/=59 Date	()	713) 96	8-4012	_	Title		· ·			

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

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
  4) Separate Form C-104 must be filed for each pool in multiply completed usells



#### STATE OF NEW MEXICO. ENERGY MO MINERALS DEPARTMENT

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	11100			
DISTRIBUTIO				
SANTA FE				
FILE				
U.B.G.A.	U.S.G.A.			
LAND OFFICE				
TRANSPORTER	OIL	1		
14482500160	GAS		L.	
OPERATOR.				
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OIL CONSERVATION DIVISION P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

Fill out only Sections I. II. III. and VI for changes of ow well name or number, or transporten or other such change of condi Separate Forms C-104 must be filed for each pool in multi-

TRAMSPORTER GAS		R ALLOWABLE	JUN 1 8 1987	
PROBATION OFFICE	AUTHORIZATION TO TRANS	PORT OIL AND NATU	IRALGHE CON. DI	/./
Operator Union Texas Petroleur	n Corporation			
375 US Highway 64, F				
Resson(s) for filing (Check proper box)  New Well  Recompletion  Change in Ownership	Change in Transporter of:	Other (Pleasery Gas	e explain)	
f change of ownership give name and address of previous owner.  II. DESCRIPTION OF WELL AND	LEASE			
II. DESCRIPTION OF WELL AND Leese Name Culpepper Martin	Well No.   Pool Name, Including    1A   Basin Dakota		Kind of Lease State, Federal or Fee	Fee N
Unit Letter G 1850  Line of Section 31 Town	Feet From The North Li	1850 12W , NMP	Con live	an Count
Name of Authorized Transporter of Oil Conoco, Inc. Surface T	rans.	D O Boy 1	429. Bloomfield, NM to which approved copy of this f	87413
Name of Authorized Transporter of Case Sunterna Gas Gathering	Company		809, Bloomfield, NM	
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rec. G 31 32N 12W		<u> </u>	
VI. CERTIFICATE OF COMPILATE I hereby certify that the rules and regulation been complied with and that the information my knowledge and belief.  Robert C.	On reverse side if necessary.  NCE  The one of the Oil Conservation Division have a given is true and complete to the best of	TITLE  This form is if this is a re well, this form means taken on the	CONSERVATION DIVISION DIVISION DIVISION DIVISION DIVISION DIVISION DI SUPERVISOR I Compliance with a compliance with a compliance with a conservation of the conservat	DISTRICT 3  A RULE 1104.  Ily drilled or deep- lation of the devis
Permit Coordinator	4)	- All sections	of this form must be filled our recompleted wells.	completely for al

IV. COMPLETION DATA  Designate Type of Complete	ion - (X)	New Well Workover Deepen	Plue Back   Same Res'v. Dill. Res
Dete Spudded	Date Compl. Ready to Prod.	Tatal Depth	P.B.T.D.
Elevations (DF, RKB, RT, GR, etc.,	Name of Producing Formation	Top Oil/Ges Pay	Tubing Depth
Perforations			Depth Casing Shoe
	TUBING, CASING, AN	O CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
V. TEST DATA AND REQUES OIL WELL Date First New Oil Run To Tunks	T FOR ALLOWABLE (Test must be able for this d	efter recovery of total volume of load epth or be for full 24 hours;  Producing Method (Flow, pump, ga	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Choke Size
Length of Teet	Tubing Pressure	Casing Pressure	Choice alse
Actual Pred. During Test	Oil - Bhia.	Water - Bbie.	Gas - MCF
GAS WELL			
Actual Prod. Tool-MCF/D	Length of Test	Bbis. Condensets/MMCF	Gravity of Condensate
Teeting Mothed (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Prossure (Shut-in)	Choke Size

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

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DISTRIBUTIO	340	
SANTA PE		
FILE		
U.B.G.A.		
LAND OFFICE		
TRANSPORTER	OIL	
1 Manual Sur En	GAS	
OPERATOR		
	-	

#### OIL CONSERVATION DIVISI P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-104 Revised 10-01-78 JUN 1 8 1997

QAB		Ah	10		
OPERATOR			ORT OIL AND NATUR	RAL GAS	
PROBATION OFFICE	AUTHORIZ	ATION TO TRANSP	ORT OIL ATTO TEXTO		
Operator					
Union Texas Petroleu	ım Corpora	tion			
Address CA F		NM 07401			
375 US Highway 64, F	armington	, NM 87401	Other (Please	e e roleie i	
Reason(s) for filing (Check proper box)			Oiner 17 teas		
New Well	Change in T	Transporter of:	GGB		
Recompletion			ndensate		
Change in Ownership	Castudi				
I change of ownership give name					
and address of previous owner			•		*
II. DESCRIPTION OF WELL AND	IFASP				Legae N
Lease Name	Well No. P	Pool Name, Including Fo	ormation	Kind of Lease State, Federal or Fee	
Culpepper Martin	1A	Blanco Mesav	/erde	State, Pederal of Ped	<u> </u>
Location	· ·		1050	East	
Unit Letter G : 1850	Feet From	The North Lin	e and bns e	Feet From The Last	
Only College			1.2W . NMPM	San J	luan Count
Line of Section 31 Town	ship 32N	Range	12W , NMPM	0011	
		er and Martin Al	CAS		
III. DESIGNATION OF TRANSPO	ORTER OF O	TE VID INTOVAT	Address (Give address	to which approved copy of this	form is to be sent)
Name of Authorized Transporter of Off	_	. <del>- M</del> M.	D O Poy 1	A29 Bloomfield, N	4 87413
Conoco, Inc. Surface	nghead Gas	or Dry Gos (X)X	Address (Give address	to myrey abbiones coby of three	70710 12 10 00 20107
Name of Authorized Francisco	a Company	,,,,	P. 0. Box 1	809, Bloomfield, N	4 87413
Sunterra Gas Gatherin	Unit Sec.	Twp. Rge.	is que ectually connect	red? When	
If well produces all or liquids,	G : 31	32N : 12W			
If this production is commingled with	that from eny	other lease or pool,	give commingling orde	er numberi	
If this production is comminged with		J. Kunggaga			
NOTE: Complete Parts IV and V	on reverse su	de if necessary.	11		ION
VI. CERTIFICATE OF COMPLIAN	NCE		. OIL (	CONSERVATION DIVIS	1 2 1027
		. Division have	ARROVES	اللا	1/0 1901
I hereby certify that the rules and regulation been complied with and that the information	es of the Oil Cor	d complete to the best of	AFFROYES	5 rank )	
my knowledge and belief.	n Biven n and and		BY		Xa. Xa.
in and and and areas.			TITLE	SUPERVISOR	DISTRICT M &
4		1			40h Aut # 1184
11/1-1-	7 1		This form is t	to be filed in compliance w	ILD RULE 1144.
Kover L	rank		11 44 14 4	quest for allowable for a ne at be accompanied by a tab	INTESTALL AS SOC. ALLE.
Signal (Signal County Party)	iure)		II AAAAA TAYAA GA IRA	FOUR IN SECURE	1000
Permit Coordinator			All sections	of this form must be filled o	of combistory to a

Fill out only Sections I. II. III. and VI for changes of on il same or number, or transporten or other such change of condi Separate Forms C-104 must be filed for each pool in multipleted wells.

Designate Type of Complete	on - (X)	New Well Workover Deepen	Plug Back   Same Res'v. Diff. Res
Dete Spudded	Date Compl. Ready to Prod.	Total Depth	P.S.T.D.
Eleveticas (DF, RKB, RT, GR, etc.;	Name of Producing Formation	Top Otl/Gas Pay	Tubing Depth
Performine			Depth Casing Shoe
	TUBING, CASING, AN	D CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
V. TEST DATA AND REQUEST	FOR ALLOWABLE (Test must be able for this d		oil and must be equal to or exceed top all
Date First New Oll Run To Tanks	Date of Test	Producing Method (Flow, sump, ses	lift, etc.)
Longth of Tool	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Tool	Oil - Bbis.	Water - Bble.	Gen-MCF
GAS WELL			
Actual Prod. Teet-MCF/D	Langth of Test	Bble. Condensate/AMCF	Gravity of Condensate
Teeting Method (pitet, back pr.)	Tubing Pressure (Shat-in)	Casing Pressure (Shut-18)	Choke Sise

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

DISTRIBUTE	04			
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SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE

MATION OFFICE	AUTHO	RIZATION TO TR	AND ANSPORT O	IL AND NATU	IRAL GAS	
rones				-	Let .	
Union Texas Petrole	eum Corporat	ion				
P. O. Box 1290, Fai	mington, Ne	w Mexico 874	99		REGETV	En
son(s) for filing (Check proper New Woll		n Transpioner etc		Other (Please	APR 2 6 1985	U
Pleasapietics Change in Ownership	Cest	ngheesi Ces	Dry Gas.		OIL CON. D	IV.,
enge of ownership give name address of previous owner DESCRIPTION OF WELL A	ND LEASE				DISI. 3	
Culpepper Martin	1-A	Blanco Mesa			State, Federal or Fee	Fee Ne.
inst Letter G : 1	.850 Feet Fre	North	Line and	1850	Foot From The East	2
ine of Section 31	Township 3	2N Range	12W	, NMPM	San Juan	County
DESIGNATION OF TRAN	e Transporta	ation	P. O.	Box 1429	o which approved copy of this form	7413
Southern Union Gathe					O Mich approved copy of this for	

s production is commingled with that from any other lease or pool, give commingling order numbers

31

32N

Rgs.

· 12W

Yes

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

#### ERTIFICATE OF COMPLIANCE

ill produces oil or liquida,

location of tanks.

by certify that the rules and regulations of the Oil Conservation Division have omplied with and that the information given is true and complete to the best of owicing and belief.

ואנו

11	///	
Blaneth	E. Loddy	
Kenneth E. Area Produc	Roddy (Signature) tion Superintendent	
4/26/85	(Title)	

(Date)

DIL CONSERVATION DIVISION

Form C-104 Revised 10-01-78 Eormat 06-01-83

BY Charles Tholson

TITLE DEPUTY OIL & GAS INSTECTOR, 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.

7. COMPLETION DATA				
Designate Type of Complete	ion - (X)	New Well Workover	Deepen Plug Back Same Ree'v, Diff.	Res
Pota- Special .	Date Compl. Reedy to Pred.	Total Depth	P.B.T.D.	
levences (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing-Depth	
eriorations			Doyth Coming Shop	
	TUBING, CASING,	AND CEMENTING RECORD		
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT	1
	A CONTRACTOR OF THE STATE OF TH		CO0000	
TEST DATA AND REQUEST	FOR ALLOWABLE (Tost must be able for the	be after recovery of total volume a depth or be for full 24 hours) -	of load oil and must be equal to or encode top a	114
Re-First New Oll Run Te Tonke	Dune of Teet	Producing Method (Flow, p.		
right of Tool	Tuhing Pressure	Coming Pressure	Choke Size	_
red Pred During Test	OII-BNA	Wener-Bhia.	Ges-MCF	4-
S WHI	The state of the s			
Tuel Prod. Tool-MCF/D	Length of Test	Bhis. Commence/MCF	Gravity of Condensette-	-
oting mothed (pinet, back pr.)	Tuking Pressure (Shut-in)	Coning Pressure (Shut-in	Choke Size	

## STATE OF NEW MEXICO ERGY NO MINERALS DEPARTMENT

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DISTRIBUT	OM .	1
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IAMSPORTER	OIL	
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OL CONSERVATION DIV	MAY 1985 Form C-104 Powned 10-01-8 Page 1
P. O. BOX 2088 SANTA FE, NEW MEXICO 8	37501 ATION DIVISION

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

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

AUTHORIZATION TO TRAN	BPUR I UIL AND	NATURAL GAS	
armet .			
Union Texas Petroleum Corporation		BA	PIMER
P. O. Box 1290, Farmington, New Mexico 87499		D) E 6 1	IVE
F. U. DUX 1290, FATHINGTON, NEW MEXICO 87499 FEOR(S) for filing (Check proper box)	10:5	(Please expire)	
New Well Change in Transporter of:		APR 2	6 1985
	Dry Gas	011 00	NI DIV
Change In Ownership Coninghood Gos X	Condensets		N. DIV.
hange of ownership give name address of previous owner		- DR	ST. 3
DESCRIPTION OF WELL AND LEASE			
Culpepper Martin 1-A Basin Dakota		Kind of Lease State, Federal or Fee	Fee Ne.
ention .		The same	3
Unit Letter G : 1850 Foot From The North	1850	Feet From The	ast
Line of Section 31 Township 32N Ronge	13W	. NMPM. San Juar	County
DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	L GAS		0.5
ne of Authorized Trensporter of QIL or Condensate XX	1	ddress so which approved copy	
Conoco, Inc. Surface Transportation	P. O. Box	1429 Bloomfield N	I.M. 87413
Southern Union Gathering Company		26400, Albuquerque,	
'Unit Sec. 'Two, 'Rea.	Is gas actually a		Weisie O/ILG
e locution of tentes. G 31 32N 13W	Yes		
is production is commingled with that from any other lease or pool,	give comminglin	g order number:	
TE: Complete Parts IV and V on reverse side if necessary.			
11. Complete Paris IV and V on reverse sine if necessary.	11	,	•
CERTIFICATE OF COMPLIANCE		DIL CONSERVATION D	IVISION
eby certify that the rules and regulations of the Oil Conservation Division have	APPROVED	APR 26 198	5
complied with and that the information given is true and complete to the best of	The state of the s	01/1 11/1	//
nowledge and belief.	BY	Charles Har	and the same
	TITLE	PEPUTY OIL & GAS INCPECTO.	A PALL L
de de la	Total form	is to be filed in compliant	
Illaneth E. Koddy	44		a newly drilled or deepened
Kenneth E. Roddy (Signature)	well, this form	must be accompanied by a	tabulation of the deviation
Area Production Superintendent		the well in accordance with the fillings of this form must be filling.	
4/26/85	able on new a	ed recompleted wells.	
(Date)	Fill out o	unly Sections I. II. III, and	i VI for changes of owner, or such change of condition.

T. COMMILETION DATA							
Designate Type of Complete	ion - (X)	well New Well	Workover	Deepen	Plug Book	Same Resty.	DILL Re
Ome Spulded	Done Compli-Ready to Prodi	Total Dept		<del></del> -	P.B.T.D.	<u> </u>	<u> </u>
Sevenione (DF, RKB, RT, GR, vic.;	Name of Producing Formation	Top OU/Go	Pay		Tubing Dep	th	
eriorations	- 187 201				Depth Contr	og Shoe	
	TUBING, CASING	, AND CEMENTI	NG RECORE	).			
HOLESIZE	CASING & TUBING SIZ		DEPTH SE		SA	CKS CEMEN	T
and the second							
			•				
TEST DATA AND REQUEST OIL WELL	FOR ALLOWABLE (Test mus able for t	i be after recovery o his depth or be for f	f total volume	of load oil.	and rest be of	vel to or ones	ed top all
Re-First New Oil Run To Tunks	Dens of Tast	Producing M	othes (Flore,	pump, gas li	fi, ose,		
might of Tool	Tubing Pressure	Cosing Pres	sure ·		Choke Size		
Real Pres. During Teet	QU-BN-	Worse - Shin-			Ges-MCF	·	
S WEIL					<u> </u>		
HUEL Prod. Tool-MCF/D	Length of Test	Bhis, Conder	este/AACF	-	Gravity of Co	ndenegte	
oting hashed (pitot, back pr.)	Tuhing Processe (Sheb-in)	Cosing Press	ur (Shub-Li	•)	Choke Size	· ·	

## STATE OF NEW MEXICO

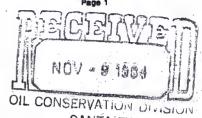
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# OIL CONSERVATION DIVISION P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

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



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

erdiat				SAN	I A I S		
Union Texas Petroleum	Corporati	on		- FOFT	TOP E PA		
dress	gorporaut	011			W E III		
P. O. Box 1290, Farmi	ngton, New	Mexico 87499		M			
esen(s) for filing (Check proper box	=)		Other (Pl	ease explain) OCT 03	1984		
New Woll	Change in	Transporter of:		• • • •			
Recompletion	OII	p	ry Gas	OIL CON	DIV.		
Change in Ownership	Contr	gheed Ges 🐰 C	condensate	DIST.			
hange of ownership give name address of previous owner							
	<u> </u>						
DESCRIPTION OF WELL AN	D LEASE	Pool Name, Including F		Kind of Lease			
Culpepper Martin	1-A	Basin Dakota		State, Federal or Fee	Fee		
cation	<del></del>						
Unit Letter G . 185	O Foot From	North L	1850	Feet From The East			
Line of Section 31 To	waship 32N	Range	12W , NA	ирм. San Juan	County		
211 01 DELIGIT 01 10	JEN JEN			San Odan	County		
DESIGNATION OF TRANS	PORTER OF	II. AND NATURAL	L GAS	•			
me of Authorized Transporter of Oll	or Ca	ndenadte V	Asidrees (Give addre	es to which approved copy of this for	m is to be sent)		
Gary Energy Corporation	on		P. O. Box	489 Bloomfield N M	87413		
and of Authorized Transporter of Car	singhead Gas	or Dry Gas 🔯	Address (Give sedre	489. Bloomfield. N.M.	m is to be sens)		
Southern Union Gather	ing Compan		P. O. Box	26400, Albuquerque, N.M	M 87125		
	Unit Sec.	Twp. Rgs.	Is que actually cons	ected? When	3 77 2		
vell preserve ell or liquids.	G 31	32N 12W	Yes				
is production is commingled wi				des sumbres			
it's because is committee at	TO Char tham sui	offiet terms or hoor'	Stan communitating of	And Helmon:			
TE: Complete Parts IV and	V on reverse si	de if necessary.					
			011	CONSERVATION DIVISION			
CERTIFICATE OF COMPLIA	NCE		اا		1 1984		
reby certify that the rules and regulati	ons of the Oil Co	servation Division have	APPROVED_	NOV 0	1 1904		
complied with and that the information				S. 170	T		
knowledge and belief.		·	BY	in the second	/		
			TITLE	SUPERVISOR DISTRICT # 3			
			TITLE		0		
Lenneth E. K			This form is	to be filed in compliance with	RULE 1104.		
	rudy		If this is a r	equest for allowable for a newly	drilled or despensed		
Kenneth E. Roddy Signal			well, this form m	ust be accompanied by a tabulati se well in accordance with RULS	ion of the deviation		
Area Production Superi				of this form must be filled out or			
(Tui	le)		able on new and	recompleted wells.	subsacatà tet 87706-		
9/28/84			Fill out only	Sections I. II. III. and VI for	changes of owner.		
(Det	10/		well name or number, or transporter or other such change of condition.				

IV. COMPLETION DATA								•
Designate Type of Completi	og - (X)	Gas Well	New Well	Warzover	Deepen	Plug Back	Same Res'v.	DILL Res
Data Spudded	Date Compl. Ready to P	red.	Total Depth		<del>-1</del> _	P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.;	Name of Producing Form	notion	Тор ОШ/Са	Pay		Tubing Dept	<b>.</b>	
Perforations						Depth Contro	Shoe	
	TUBING,	CASING, AND	CEMENTIN	G RECORD				
HOLE SIZE	CASING & TUBI			DEPTH SE		SA	CKS CEMEN	T
	,			1.1				
		4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
								10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7. TEST DATA AND REQUEST OIL WELL Deste-First New Oil Run To Tonks	Posts of Test	ast must be af ble for this de	pak or be for fi Producing M	MI 34 hours)			el to er esse	ed top alla
country of Tool	Tubing Pressure		Costne Press	uso.		Choke Size		
Astron Pred. During Test	Oli-Bhis.		West-Bhie.	en en en	· Ave	Gee-MCF		
AS WELL								,
Actual Pred. Tool-MCF/D	Longth of Toot		Bhis. Conton	emo/AMCF		Courty of Co	rdeneste.	
Teating spothed (plant, back pr.)	Tubing Processo (Sheet-	<b>(a)</b>	Casing Press	we ( 5000-41	•)	Cheke Size		

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

THE RESERVE OF THE PARTY OF THE		
DISTRIBUTION		1
LMTA PE		
ILE		
1.0.1.		
AMO OFFICE	$\mathbf{L}$	
TAMEPORTER OIL	1	
GAS		
PERATOR		
TORATION OFFICE		

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

SANTA FE, NEW MEXICO 87501

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

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1
TOTAL CIRCLE TO THE TOTAL
LE PAGE D - VON
OIL CONSERVATION DIMESION
SANTA FF

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

	SANTA FE
Marian Trivan Datital sine Columbia titus	
Union Texas Petroleum Corporation	
P. O. Box 1290, Farmington, New Mexico 87499	BEARINES
esen(s) for filing (Check proper box)	Other (Please explicit Control of the Control of th
New Well Change in Transporter of:	Oliver (Preedle experience)
	OCT 03 1984
5 · · · · · · · · · · · · · · · · · · ·	ondens tree
	OIL CON. DIV.
heage of ownership give name	DIST. 3
DESCRIPTION OF WELL AND LEASE	
cae Name Well No. Pool Name, Including F	Lacase No.
Culpepper Martin 1-A Blanco Mesaver	de State, Federal er Fee Fee
certion	
Unit Letter G : 1850 Feet From The North Lin	read 1850 Feet From The East
Line of Section 31 Township 32N Runge	1 Qu
Line of Section 31. Township 32N Range	12W , NMPM, San Juan County
DESIGNATION OF TRANSPORTER OF OIL AND NATURAL	CAS
ime of Authoritied Transporter of Oil or Condensate	Address (Give address to which approved copy of this form is to be sent)
Gary Energy Corporation	P. O. Box 489, Bloomfield, N.M. 87413
me of Authorized Transporter of Continghed Gas ar Dry Gas X	P. O. Box 489, Bloomfield, N.M. 87413 Address (Give address to which approved copy of this form is to be sent)
Southern Union Gathering Company	P. 0. Box 26400, Albuquerque, N.M. 87125
well preduces atl or liquids, Unit Sec. Twp. Rgs.	In gas actually connected? When
e location of tanks. G 31 32N 12W	Yes
his production is commingled with that from any other lease or pool,	give commingling order number:
TE: Complete Parts IV and V on reverse side if necessary.	
Table Comprese that It was I on reverse same of mesessary.	11
CERTIFICATE OF COMPLIANCE	OIL CONSERVATION DIVISION
that the rules and regulations of the Oil Conservation Division have	APPROVED NOV-01 1984
complied with and that the information given is true and complete to the best of	APPROVED.
knowledge and belief.	BY Dramped.
	SUPERVISOR DISTRICT # 3
1/ 2011	TITLE
Kenneth S. Kally	This form is to be filed in compliance with RULE 1184.
Kenneth E. Roddy (Signature)	If this is a request for allowable for a newly drilled or despend well, this form must be accompanied by a tabulation of the deviation
Area Production Superintendent	teets taken on the well in accordance with NULZ 111.
(Title)	All sections of this form must be filled out completely for allow-
9/28/84	shie on new and recompleted wells.
(Dete)	Fill out only Sections 1. II. III. and VI for changes of owner, well name or number, or transporten or other such change of condition.

Designate Type of Complet	ion — (X)	Well Workover	Plug Back   Same Resty, Diff. Rest
Date Spudded	Date Compl. Restly to Prod.	Total Depth	P.B.T.D.
Devetices (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top: Oil/Gas: Pay	Tuhing Depth
Perforations			Depth Casing Shoe
	TUBING, CASING	, AND CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE		SACKS CEMENT
			and the second second second
OIL WELL Date First New Oil Run To Tenks	FOR ALLOWABLE (Test must able for to	the after recovery of total volume of the depth or be for full 24 hours)  Producing Method (Flow, pur	load oil and must be equal to or exceed top allows, see lift, etc.)
Longth of Toot	Tubing Proceure	Cosing Pressure	Chaire Size
No. 20 Person and Control of the Con	a state		
Actual Pied, During Teet	OII - Bhie.	Weier-Bhie.	General Control of the Control of th
AS WELL	Oll-Bhie.	West-Bble	GMC7
Actual Pred, During Teet  AS WELL  Actual Pred, Teet-MCF/D	A Artist Control		Gravity of Continuate

#### OIL CONSERVATION COMMISSION

#### 1000 Rio Brazos Road

#### AZTEC, NEW MEXICO 87410

#### NOTICE OF GAS CONNECTION

Mr. Perry McFarland, Kutz

File

		DATE_	May 28, 1982
THIS IS TO NOTIFY THE OIL CONSERVATION CO	DMMISSION THA	T CONNECTION	FOR THE PURCHASE OF
GAS FROM THE Union Texas I		poration	
	OPERATOR		
Culpepper Martin		1-A	(G) 31-32N-12W
LEASE		WELL UNIT	S-T-R
Basin Dakota	Southern Un	ion Gathering (	
POOL		NAME OF PURC	CHASER
WAS MADE ON	FIRST DELIVI	ERY5-26-	-82
DATE			DATE
6321_AOF			
INITIAL POTENTIAL	<u> </u>		
PLA JUN 11 1982		Southern Union PURCHASER	n Gathering Company
sw cc: OPERATOR New Mexico Oil Conservation Commission U. S. Geological Survey Mr. E. R. Corliss, Engineering Mr. R. J. McCrary, Prorations Mr. Robert Utay, Gas Accting. Ms. Nylene Dickson, Economic Analyses Mr. Mike Lambert, Gas Supply FORM 29-43 11-76 Mr. Richard Thomas, Gas Supply		REPRESENTATI James R. Large Dispatch Manag TITLE	2

#### OIL CONSERVATION COMMISSION

#### 1000 Rio Brazos Road

#### AZTEC, NEW MEXICO 87410

#### NOTICE OF GAS CONNECTION

Mr. Perry McFarland, Kutz

File

		DATE Ma	y 28, 1982
THIS IS TO NOTIFY THE OIL CONSERVATION	COMMISSION THA	T CONNECTION FO	OR THE PURCHASE OF
GAS FROM THE Union Te	exas Petroleum	Corporation	
	<b>OPERATOR</b>	•	
Culpepper Martin LEASE		1-A WELL UNIT	$\frac{(G)31-32N-12W}{S-T-R}$
Blanco Mesaverde	Southern Un	ion Gathering Co	ompany
POOL		NAME OF PURCH	
WAS MADE ON	. FIRST DELIVI	ERY5-26-8	2
DATE			DATE
3044	N. Jan		
INITIAL POTENTIAL	۰۰ ک		
JUN 11 1982 OIL LUINS SANTA FE		Southern Union PURCHASER	Gathering Company
OIL CONSANTA FE		REPRESENTATIV James R. Large Dispatch Manage TITLE	E er
New Mexico Oil Conservation Commission U. S. Geological Survey Mr. E. R. Corliss, Engineering Mr. R. J. McCrary, Prorations Mr. Robert Utay, Gas Accting. Ms. Nylene Dickson, Economic Analyses Mr. Mike Lambert, Gas Supply FORM 28-43 11-76 Mr. Richard Thomas, Gas Supply			JUN 1 1982 JUN 2 COM. OIL CON. 3

	1	
NO. OF COPIETS RECEIVED	/	Form C-103
DISTRIBUTION		Supersedes Old C-102 and C-103
SANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
FILE		
U.S.G.S.	0.4000	5a. Indicate Type of Lease
LAND OFFICE	MAY 26 1982	State Fee
OPERATOR	1 WINI W	5, State Oil & Gas Lease No.
IDO NOT USE THIS FORM FOR PRI	RY NOTICES AND REPORTS ON WELLS OPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. FION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	
OIL GAS WELL	OTHER-	7, Unit Agreement Name
Name of Operator		8. Form or Lease Hame
Union Texas Petroleum	Corporation	Culpepper Martin
. Address of Operator		9. Well No.
1060 Lincoln Stroot Su	uite 1010, Denver, Colorado 80295	1Δ
Location of Well	TILE TUTU, DERIVER, COTOR and 50235	10. Field and Pool, or Wildcat
-	50 No. whith 1050	Plance MV & Pan Daketa
UNIT LETTER G . 18	50 FEET FROM THE North LINE AND 1850 FEET PROM	Blanco MV & Ban Dakota
	0.01	Ullillillilli
THE FAST LINE, SECTI	ION 31 TOWNSHIP 32N RANGE 12W NMPM	
······································	THE DE DE CO	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	5842' GL	San Juan /////////
Check	Appropriate Box To Indicate Nature of Notice, Report or Ot	her Data
		T REPORT OF:
		•
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
		<b>—</b>
TEMPORARILY ABANDON	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOB	
	OTHER	
OTHER		
T. D. and D. Completed O	perations (Clearly state all pertinent details, and give pertinent dates, including	estimated date of starting any proposed
work) SEE RULE 1103.	potations ( died by other are personally actions, and gree personal action,	
This we	ll was spudded 8/8/1981. A 13-1/2" hole was dri	11ed with
	'. New $10-3/4$ ", $40.5$ #, K-55 casing was set at 3	
cemented wit	h 250 sacks. After waiting on cement for 12 hou	rs, this
casing was to	ested to 500# and held ok. A 9-7/8" hole was dr	illed with
water and mu	d to 4420'. New 7-5/8", 26.4#, K-55 casing was	set at 44151
	with 1200 sacks. After waiting on cement for 1	
and Cemented	ested to 1000# and held ok. A 6-3/4" hole was d	rilled with
Casing was co	25 Led to 1000# and nerd ok. A 0-5/4 hore was a	ot at 70081
natural gas	to 7100'. A new 5-1/2", 15.5#, K-55 liner was s	dnilling
with the top	at 4250' and cemented with 300 sacks. Prior to	o training
out for comp	letion, the 5-1/2" liner and the 7-5/8" casing $w$	as tested
	held ok. Completion will be made in the Mesave	rde and
Dakota.		
		MAYO
		0" 3 1992
		OIL CON JOS
10 I hands goalfu that the leface atta	n above is true and complete to the best of my knowledge and belief.	DIST COM.
15. I nereby certify that the information	in anote to true and complete to the boat of my showledge and services	3
MVC.	RUU	A===1107 1000
SIGNED Thomas.	Division Petroleum Enginee	PATE ADril 27, 1982
		4000
	SUPERVISOR DISTRICT # 3	MAY 3 1982
411	Column 1771	DATE
APPROVED BY		

CONDITIONS OF APPROVAL, IF ANY:

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

#### OIL CONSERVATION DIVISION

P. O. BOX 2088

APPLICATION FOR MULTIPLE COM

SANTA FE, NEW MEXICO 87501

TION

UL UUNDDate County Operator SANTA FE April 1, 1982 San Juan UNION TEXAS PETROLEUM CORPORATION Lease Well No. #1A Culpepper Martin 80295 1860 Lincoln Street, Ste 1010, Denver, CO Section Township Range Location Unit of Well 32N 12W G 31 All Applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
s. Name of Pool and	Blanco Mesaverde		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	4213-4808'	APR 7 1982	6752-6992'
c. Type of production (Oil or Gas)	Gas	OIL CON. COM.	Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
e. Daily Production  X Actual  Estimated  Oil Bbls.  Gas MCF  Water Bbls.	Initial Potential  BOPD - trace  MCFPD - 3044  BWPD - trace		Initial Potential BOPD - trace MCFPD - 5950 BWPD - trace

- 2. The following must be attached:
  - a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
  - b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
  - c. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

I hereby certify that the information abo and belief Signed	sion Petroleum Engr. Date	April 1, 1982
(This space for State Use)	SUPERVISOR DISTRICT 第 3	Pate APR 7 1982

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

VERGY AND MINERALS DEPARTMENT PR. DE SIPER PRESIDE DISTRIBUTION
SANTA FE FILE U.S.U.S. LAND OFFICE TRANSPORTER OIL

OIL CONSERVATION DIVISION P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE

!	OPERATOR PROBATION OFFICE	AUTHORIZATION TO TRANSF	PORT OIL AND NATURAL GAS	
1.	Operator	ODDODATION		THE REAL PROPERTY OF THE PARTY
	UNION TEXAS PETROLEUM C	URPURATION		
	1860 Lincoln Street. Su	ite 1010, Denver, Colora	do 80295	I TIA FOR
	Reason(s) for filing (Check proper box)		Other (Olerna and Inch	AR 22 1982
	New Well	Change in Transporter of:		AR22 rom
	Recompletion	OII Dry Ga	is .	COM. 3
	Change in Ownership	Casinghead Gas Conden	nsate	IAR 22 ISOM
	If change of ownership give name			
	and address of previous owner	2 12.	6 1982	
5	DESCRIPTION OF WELL AND I	MAI		
١.	Lease Name	Well No. Pool Name, Including Fo	ormation Kind of Leas	_ , _ ,
	Culpepper Martin	1A Blanco Mesave	State, Federa	ol or Fee Fee
	Location		1050	Manakh
	Unit Letter G : 185	O Feet From The East Lin	e and 1850 Feet From	The North
	21 Town	mahip 32N Range	12W , NMPM, San	Juan County
	Line of Section 31 Tow	namp 3211 Mange	12H June 1	, dan
I.	DESIGNATION OF TRANSPORT	TER OF OIL AND NATURAL GA	S	
	Name of Authorized Transporter of Oil	or Condensate X	Address (Give address to which appro	. I
	Plateau, Inc.		POB 159, Sullivan Rd., Address (Give address to which appro	Littlefield, NM 87413
	Name of Authorized Transporter of Cas		POB 3308, Albuquerque,	
	Southern Union Gatherin	Unit Sec. Twp. Rge.		nen
	If well produces oil or liquids, give location of tanks.	G 31 32N 12W	No	
	If this production is commingled wit	<u></u>	give commingling order number:	
	COMPLETION DATA			Plug Back   Same Res'v. Diff. Res'v.
	Designate Type of Completio	on - (X) Gas Well	New Well Workover Deepen	Plug Back Some Nes V. Din. Nes V.
		Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
	Date Spudded 8/8/81	1/29/82	7100'	7.055 '
	Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oll/Gas Pay	Tubing Depth
	5842' GL	Point Lookout (Mesaver	de) 4028	4150'
	Perforations			Depth Casing Shos
	4213941, 4554-93, 4601-	-92, 4729-93, 4801-08		7098'
			CEMENTING RECORD	SACKS CEMENT
	HOLE SIZE	CASING & TUBING SIZE	376 '	250
	13-1/2"	10-3/4" csg 7-5/8" csg	44151	1200
	9-7/8" 6-3/4"	5-1/2" liner	4250-7098'	300
	0-5/4	2-3/8" tbg	4150'	
7.	TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be a	feer recovery of total volume of load of	l and must be equal to or exceed top allow-
	OIL WELL	2010 70. 1410 40	pth or be for full 24 hours)  Producing Method (Flow, pump, gas l	ift, etc.)
	Date First New Oil Run To Tanks	Date of Teat	3	
	Length of Test	Tubing Pressure	Casing Pressure	Choke Size
	Eurigin of 1991		- 1 to 1	
	Actual Prod. During Test	Oil-Bbls.	Water - Bbla.	Gas - MCF
	Actual Prod. Tool-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate
	3044	3 hrs		
	Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Cosing Pressure (Shut-in)	Choke Size
	back pressure	901#	896#	3/4"
1.	CERTIFICATE OF COMPLIANO	CE	5-3-82 OIL CONSERVA	TION DIVISION
			MAY 3	<u> 1982</u>
	I hereby certify that the rules and r Division have been compiled with	egulations of the Oil Conservation	7 17 0	
	above is true and complete to the	best of my knowledge and belief.	BY SAL	The state of the s
			TITLE SUPERVISOR DISTRICT	<b>83.</b> U
	all o	20	li .	compliance with RULE 1104.
	Migner ( Bel	ol.	as at the terror and for allo	wable for a nawly drilled or despened
	(Signal	atwe)	well, this form must be accomp tests taken on the well in acc	PUISO DA E (EDMISTION OF THE GALLETION
	Division Petroleum Eng		All mactions of this form m	ust be filled out completely for allow-
	(Til	ile)	Il able on now and recomplated	valle.
	March 11, 1982		Fill out only Sections I.	II. III, and VI for changes of owner, rier, or other such change of condition.
	/0.0	nte j	Mart Hams of Hamself	

(Date)

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

Division Petroleum Engineer

March 11, 1982

(Tille)

(Dute)

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BAHTA PE

FILE u.s.o.s.

DISTRIBUTION

#### OIL CONSERVATION DIVISION

P. O. HOX 2088

SANTA FE, NEW MEXICO 87501

## REQUEST FOR ALLOWABLE

LANG OFFICE OIL		R ALLOWABLE	MAR 31 1982
OPERATOR PROPATION OFFICE			SANTA FE
UNION TEXAS PETROLEUM C	ORPORATION		THE REAL PROPERTY.
1860 Lincoln Street, Su	ite 1010, Denver, Colora	do 80295	
Reason(s) for filing (Check proper box)	Change in Transporter of:	Other (Please explain)	MAR 222 1380
Recompletion	Oil Dry Ga	. 🗆	MANGON
Change in Ownership	Casinghead Gas Conder	isale 🗌	OIL DIST
If change of ownership give name and address of previous owner		<u> </u>	
DESCRIPTION OF WELL AND I	LEASE.   Well No.   Pool Name, Including Fo	primution   Kind of Lease	Lease No.
Culpepper Martin	1A Basin Dakota	State, Federa	_
Location			
Unit Letter G : 185			
Line of Section 31 Tow	mship 32N Range 1	L2W , NMPM, San Juar	County
DESIGNATION OF TRANSPORT	TER OF OIL AND NATURAL GA	s	
Name of Authorized Transporter of Oil		Address (Give address to which appro-	
Plateau, Inc.	Inghead Gas or Dry Gas X	POB 159, Sullivan Rd, Li	
Southern Union Gatherin		POB 3308, Albuquerque,	
If well produces oil or liquids, give location of tanks.	G 31 32N 12W	NO I	en.
If this production is commingled wit COMPLETION DATA			Plug Back   Same Res'v.   Diff. Res'v
Designate Type of Completio	on — (X) Oil Well Gas Well	New Well Workover Deepen	Find Back Same New Y. Sim New Y.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.
8/8/81	1/29/82   Name of Producing Formation	7100 Top Oil/Gas Pay	7055 Tubing Depth
Elevations (DF, RKB, RT, GR, etc.) 5842 GL	Dakota	6752'	6800'
Perforations 6752-6781, 6829-6895, 6	5900-6931, 6984-6992'		Depth Casing Shoe 7098 1
	TUBING, CASING, AND	CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
13-1/2"	10-3/4" csg	376 '	250
9-7/8"	7-5/8" csg	4415' 4250-7098'	1200
6-3/4"	5-1/2" liner 2-3/8" tbg	6800'	300
TEST DATA AND REQUEST FO	OR ALLOWABLE (Test must be a	fter recovery of total volume of load oil pth or te for full 24 hours)	
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas li	ft, etc.)
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF
573			
		•	
GAS WELL Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensute/MMCF	Gravity of Condensate
5950	3 hrs		
Vesting Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Cosing Pressure (Shut-in)	Choke Size
back pressure	1704#		3/4"
CERTIFICATE OF COMPLIANC		OIL CONSERVATION OIL CONSERVATION OF THE PROPERTY OF THE PROPE	1982
I hereby certify that the rules and r Division have been complied with above in true and complete to the	and that the information given	BY SUPERVISOR DISTRICT #	awy/
		SULTIVISOR PICTURE. 30	-

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

If this is a request for allowable for a newly drilled or despensivell, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 411.

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

Fill out only Sections I, II, III, and VI for changes of owner wall name or number, or transporter, or other such change of condition ..... Forms C-104 must be filled for each pool in multipl

STATE OF NEV	V MEXICO	1			\		Revised .10-1-78
NERGY AND MINERAL		OIL CON	ISERVATIO	יום אכ	VISION	(Table	
we, or tority accti	·	0,2 00.	P. O. BOX 20				dicate Type of Lease
DISTRIBUTION	<u> </u>	SANTA	FE, NEW ME		37501		
FILE		SAITIA				5. 50	nte Oll & Gas Lease No.
U.S.G.S.	WEI	L COMPLETION	OR RECOMPL	FTION	PEPERT AN	D-LOG	
LAND OFFICE	"""	-E COMI EE HON	OK KECOMI E				
OPERATOR					AUN B B	1111	
G. TYPE OF WELL				8.5	MAR 22 19	7. Un	it Agreement Name
	OIL WELL	GAS WELL	DRY	OTH R	ARRZE IS		
b. TYPE OF COMPLE		_	-	1	MILLIAN CE	8. Fa	rm or Lease Name
NEW WO	R DEEPEN	PLUG BACK	RESVR.	OTHER	MARZZ DIL CON. CO	Lu Cu	ilpepper Martin
. Name of Operator					Dia	9. We	11 No. 1A
Union Texas Pe	etroleum Corpo	oration				kill .	
Address of Operator		1010 Danway	Colonado	00205			ield and Pool, or Wildcat INCO Mesaverde &
1860 Lincoln S	street, Suite	1010, benver	, colorado	00233			inco mesaverde a
. Location of Well						1863	My Landed Nichhall
HIT LETTER G	LOCATED185(	FEET FROM TH	East	INE AND	1850 FE	ET FROM	
						12. C	ounty ()
HE Northline or	SEC. 31 TWP.	32N AGE. 12	2W NMPM	777777	///X/////		Juan /////////
5. Date Spudded	16. Date T.D. Reac	hed 17. Date Compl	. (Ready to Prod.)	18. Ele	vations (DF, RK	B, RT, GR, etc.	.) 19. Elev. Cashinghead
8/8/1981 :0, Total Depth	8/25/1981	1/29/1982	2	5842			
:0. Total Depth	21. Plug Bo	ack T.D.	22. li Multiple Con Many	pl., How	Drilled B	Rotary Tools	
7100'	7055		2			\$urface -	TD
4. Producing Interval(	s), of this completion	- Top, Bottom, Name	9	-			25. Was Directional Survey Made
4213-4808 Mes	saverde		•				
6752-6992 Dal	cota						No
6. Type Electric and C	ther Logs Run			•			27. Was Well Cored
DIL/FDC/CNL/GF	R Cyberlook		- 1				No
:8.		CASING R	ECORD (Report 61)	strings s	et in well)		
CASING SIZE	WEIGHT LB./FT	. DEPTH SET	HOLE SIZ	E	CEMENT	NG RECORD	AMOUNT PULLED
10-3/4"	40.5#	376'	13-1/2"		25	0 sacks	None
7-5/8"	26.4#	4415	9-7/8"		• 120	0 sacks	None
		a sa a a	- T.T.Sara				
			13 月10 日計	•			
9.	LINE	RRECORD			30.	TUBING	RECORD
SIZE	тор	BOTTOM SAGE	IS OF DEAT S	CREEN	SIZE	DEPTH SE	ET PACKER SET
5-1/2"	4250	7098 MAK 0	300		2-3/8"	4150'	
			ICISIVIVIVISIOI	· J	2-3/8"	6800'	4830 '
1. Perforation Record	Interval, size and nu	mberli CONSERVI	TA FE 32.	AC	ID, SHOT, FRA	CTURE, CEMEN	T SQUEEZE, ETC.
Mesavende: 42	13-19, 29-41,	4554,58, 70-	83, 90,	DEPTH IN			D KIND MATERIAL USED
93, 4601-11,	35-38, 41-44	, 88-92, 4729	-31, 44, 46	213'-42			slick KCL & 66000# sd
78-80, 93, 48	301-03, 06-08	0.40", 110		554'-48			slick KCL & 98352#sd
Dakota: 6752			, 38, 41, 6	752'-69	92' 14	0000 gals g	gelled wtr, 250000#sd
51, 54, 68,	5984-920.4"	, 76 shots		•		400 SCF/E	3BL CO <sub>2</sub>
3.			PRODUCTIO	ИС			
ate First Production	Productio	n Method (Flowing, g	as lift, pumping —	Size and t	ype pump)		Status (Prod. or Shut-in)
waiting on pi	peline Flow	ing				wait	ting on pipeline
2/17/82	Hours Tested	Choke Size Proc	i'n. For Oil -	Bbl. O	Gas - MCF38	30 Water - Bb	I. O Gas - Oil Ratio ***
2/1//82	3	3/4" Tes	1 Period	ñ		14	0 ***
low Tubing Press.	Casing Pressure	Calculated 24- OII	– Вы. О г	Gas - MCI	3044 . Water	- Вы. О	Oil Gravity - API (Corr.)
238	670	Hour Rate	0		5950	ñ	***
4. Disposition of Gas	Sold, used for fuel, v	ented, etc.)				Test Witnes	
Flared						Joe E	lledge
S. I let of Attachments							
Forms C-107.	C-104 (2), C-	122 (2), Pack	er Leakage	Test, [	Deviation /	Affidavit,	Diagrammatic Sketch
6. I hereby certify that	the information show	m on both sides of thi	is form is true and	complete i	to the best of my	knowledge and	belief. & Land Plat
un.							
Thon	as C. Rel	al i		ision F	Petroleum		March 17, 1982
SIGNED			TITLE			DATE	

#### INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and rudio-activity logs run on the well and a summary of all special tests condespense were. It span is accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted; including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except on state land, where six copies are required. See Rule 1105.

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	Southeas	stern New Mexico	Northwestern New Mexico					
T. Salt B. Salt T. Yates T. 7 Rivers T. Queen T. Grayburg T. San Andres T. Glorieta T. Paddock T. Blinebry T. Tubb T. Drinkard T. Abo T. Wolfcamp		T. Canyon  T. Strawn  T. Atoka  T. Miss  T. Devonian  T. Silurian  T. Montoya  T. Simpson  T. McKee  T. Ellenburger  T. Gr. Wash  T. Delaware Sand  T. Bone Springs	T. Ojo Alamo 1367  T. Kirtland-Fruitland 2169  T. Pictured Cliffs 3747  T. Cliff House 4002  T. Menefee 4550  T. Mancos 5898  T. Gallup 5898  Base Greenhorn 6687  T. Dakota 6827  T. Morrison 7. Todilto 7. Entrada 7. Wingate 7. Chinle					
T Cisco (Bough C)	*010	T. OB-G	T. PermianT. Penn. "A" AS SANDS OR ZONESNo. 4, from	Т.				
No. 2, from	6752	6992 gas		to				
			No. 6, from	to				
			feet,					
	•		feet. ,					
io. 3, from			feet	, whin report a very firm was a strayer operation or reserves a strayer extension.				

No. 1, from	to	feet	\$*************************************
No. 2, from		feet.	
No. 3, from	10	feet.	
No. 4, from	to		
		111 1 1 1 1	

From	То	Thickness in Feet	Formation	From	То	Thickness in Feet	Formation
169	2307	138	Pictured Cliffs	·			
2307	3747	1440	Lewis				
3747	4002	255	Cliffhouse				
4002	4550	548	Menefee				
4550	4811	261	Pt. Lookout				
4811	6621	1810	Mancos	1			
6621	6687	66	Greenhorn	.	İ		
6687	6748	61	Graneros Shale	-	· ·		
6748	6827	79	Graneros Sand		1		
6827	7100	273	Dakota	1			
		1		.	ì	1	
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		·		# .			
7				1		'	

ENE	STATE (	OF NEW	MEXIC DEPA	CO RYMBNT		SANT		P. O. BO		CO 87	7501				TIN	vised 10	-1-78
			MULT	ГІРОЖТ	AND	ONE	P0	INT BA	CK PRE	SSUR	E TE		OR G	A P	ELLI	1007	1
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Cor	npany	<u> </u>					nection	0				<u>-                                    </u>	). G	La	· con.	Com	
	-	exas P	etr	oleum	Cor	р. С	as	Co. o	f New	Mex	ico		¥		DIST	, 3	
Poo	ol .					Form	nation							Unit		The state of the s	
	sin		1	Total Depth	•	1	)ako	Plug Boc	k TD		Elevati	on		Formo	r Lease N	ime	
_	npletion Date 29-82	•		7100	r	7055								Cul	pepper	Mart	in
Сво	. Size	WI.		d	Se	LAL		Perioration						Well No			
- 7	.625 . <del>§</del> 00	26.		6.969 4.950		4415 <del>59/70</del>		From 6	1 2	Te	6	992		Unit	1 A	Twp.	Rges
	375	4.7		1.995	- 1	956		From O		T	• en	ded		G	31	32	12
				-G.G. or G.				L	Packer	Set At				County			
	s/Gas								48					San	Juan		
F'ro	ducing Thru	1	Reserv	olr Temp. *F		Mean	Annual	Temp. *F						Stole			
Τu	bing			G <sub>Q</sub>		% CO		% N 2		psia % H₂s		Prove		New	Mexi-	Taps	
	L	Н		.650		700	2	""		7							
			FL	OW DATA	`				TU	BING	DATA		C.A	SING	DATA	Du	ation
١٥.	Prover	x c	rifice	Press.	$\top$	Dif		Temp.	Pre		Ten	. 1	Pres		Temp.		ol low
	Line Size		Size	p.s.l.g.		hw		*F	p.s.:		• F		р.в.1	.9.			
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4.			M	AR 31 1	<u>)</u> 82		1	· · · · · · · · · · · · · · · · · · ·									
5.		111					コナロ	F FL OW	CAL CI	LATIO	ONS						
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1.	12.36	50				4 '	7.7	1	000	-	9608		1.0	50		950	
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5.										<u> </u>							
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1. 2.								cilic Gravi				х×	xxx		_		<del></del>
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4.		-	-			<del></del>	Crit	ical Temp	erature						. K		n
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101	1716 P <sub>1</sub> 2	P.	<del>344</del>	656 P.2	Pc2	- P <sub>w</sub> <sup>2</sup>	] (1)	P <sub>c</sub> <sup>2</sup>	= -	1.08	408	. (	(2) -	$\frac{1}{2^2 - E^2}$	= =-	1.002	<del>-</del>
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Abs	olute Open F	low		21					e 15.025		e of Slo			A 6'-			
Rem	arts:	Show o	of o	il and	Wa	ter	thr	rougho	ut te	st.	Wel	1 1	are	<u>u 10</u>	C 3 II	ours.	
App	roved By DI	vision		Conduc	ed B	y:			Calculat					Checked		-11-	
				1		lled	gе		Joe	E11	edge	<u> </u>		Mr.	Don W	ells	

## MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test	x Initial		Annual		Special	Z-25-	-82			_•
Company	مع المعالم		Connectio	n						
Union T	evas Pet	roleum Co	rp. Gas	Co. of	New Mex	ico		11-14		
Pool	CX43 100	. 01 01	Formation					Unit		
Basin			Dako	ota				Form or I	ease Name	
ompletion De	210	Total Depth		Plug Back		Elevation				
1-29-82	L	7100'		7055				Well No.	spher.	Martin
sq. Size	1 WI.	11	4415 '	Perforation		6992			ΙΑ .	
7.625	26.4# w.15.5#	6.969		From 67		0992				wp. Rye
<del>දේ: §£0 -</del>	1	1		From Op		ended		.G 3	31 3	2 12
2.375	4.7		6956	1.10 01	Packer Set At	Chao		County		
The Well - SI	nule - Bradenh	od - G.G. or G.O.	Maitiple		4845			* Sa	n Juar	1
Gas/Gas			Mean Annua	l Temp. °F		P.		State		
roducing The	u Res	ervolr Temp. *F	Mary Yillon	, 10p	12 psia	-		New	Mexico	)·
<u> </u>		I Go	% CO 2	1 % N 2			101	Meter Ri		Caps
L	н	.650	7 00 2	7						
		FLOW DATA	1		TUBING	DATA	C	SING DA	ATA	Durotton
	0-1/1		Diff.	Temp.	Piess.	Temp.	Pre	55,	Temp.	01
O. Line	X Orifi Siz		hw	°F	p.s.1.q.	·r	p	l.q.	• F	Flow
Size					1704					
1 26 0		465			465	60°				3 hou
.   2 ir	ich .750	905								
·										
·					•					
					y Otro					1
			RATEC	F FLOW	CALCULATION	ONS			1	
			195 2	Flor	Temp.	Gravity	1	Super	Rot	e of Flow
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D. 124	Hour)	, w m	Pm		Ft.	Fq			595	- ^
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					drocarbon Railo			WARI	1987	McI/bb
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). A	691	π \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	A.1	P.I. Gravily ecliic Gravil	of Liquid Hydrod y Separator Gos	arbons			Cxxx	
). A	691	π \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	A.1	P.I. Gravity ecilic Gravit ecilic Gravit	of Liquid Hydrod y Separator Gos y Flowing Fluid	arbons	OI	MAR 1 L' CON.	Cxxx	Dec
). A	MAR 2	1982 III	A.1	P.I. Gravity ecilic Gravit ecilic Gravit itical Pressi	of Liquid Hydrod y Separator Gas y Flowing Fluid uro	arbons		DIST.	Cxxx	Dec
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) A	CONSERV SAN Pe <sup>2</sup> 2. 0 Pu 478	7, 17962 1700 DIVISIO 14 656 P.2 F. 228390	A. Sp. Sp. Cr. Cr. Cr.	P.I. Gravity ecilic Gravit ecilic Gravit itical Pressu itical Tempe $\frac{P_c^2}{P_c^2 - R_w^2}$ of = Q	of Liquid Hydroc y Separator Gus y Flowling Fluid pro rature  = 1.05  Pc2 - Ru2	x 3408 6321	(2)	DIST.	]" = 1	
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D. A. C.	CONSERVE CONSERVE SAN Pe <sup>2</sup> 2 0 Pu 478 Correct Show of	17, 1382 ATION DIVISION A FE  228390 228390 3 Culated 6321 oil and	A. Sp. Sp. Cr. Cr. 2716266	P.I. Gravity ecilic Gravit ecilic Gravit itical Press itical Tempe $\frac{P_c^2}{P_c^2 - R_w^2}$ $DF = Q$	of Liquid Hydrod y Separator Gue, ly Flowing Fluid ure $= 1.05$ $\frac{P_c^2}{P_c^2 - P_w^2}$ P 15.025 Ang	x x 3408	(2)	P.S.I.A.  P.S.I.A.  P.S.I.A.  P.S. I.A.  P.S	Slope. 3 ho	

ENE		OF NEW			SANT	P. A FE	O. BOX	2088 MEXIC	0 8	7501 F	3 - 32-	12 W		m C-122 4sed 10-1-78
			MULT	IPOINT A						RE TEST		AS WE		In /
Тур	e Test	X Initio	ıl		Annual			Spe	cial	7est Date 2 - 17 -	82		MAR 1	1385
	banà					ction						1	WE CO	1. COM. ST. 3
Un Poo		exas l	Petro	oleum Co	Forms	as C	ompar	y of	New	<u> Mexic</u>	0 [	Unit	Ois Di	3.
	anco		1.	Total Depth	Me		erde	TD		Elevation		Form or	Lease Nan	10
1	29 <b>-</b> 82			7100 !		ľ	7055			2,0				Martin
1.7.6	Size :	26	. 4	6.969	Set At 4415		Perforatio From 42		т	• 4808		Well No.	1 – A	
710	500 Size	W1.	5.5	4.950	64250/709	8	Perioratio					Unit	Sec.	Twp. Rye.
2.	375	4 . '	7	1.995 -G.G. or G.O.	4214		From C	pen Pocker S		• ende	d	County	31	32 12
	s/Gas							4845		·			Juan	
	bing Thr	ü	Reserv	oir Temp. °F	Mean A	nnual 1	Γemp. °F	Baro. Pro		Pa (Est.	.)	State New	Mexico	,
10	L	Н		Gq	% CO 2		% N 2		% H <sub>2</sub> S		TOVET	Meter		Taps
-		٠	FL	OW DATA				TUE	ING	DATA	C	ASING D	ATA	Duration
NO.	Prover Line	×	Orifice Size	Press.	Diff.		Temp.	Pres p.s.i.		Temp.	Pre p.s.		Temp.	of Flow
SI	Size.	ays			***			901			896			
1.	2 in	ch ·	750	238		-		238	3	60°	670			3 hours
3.				200										
4.		MAF	88	982						-	-		· · · · ·	<del>                                     </del>
5.		2 CONSI	RVAT	FE FE	RAT	E OF	FLOW	CALCUI	ATI	ONS				
	Coef	licient	SANTA		Pres	sure	1	Temp.		Gravity Factor		Super	Re	ite of Flow
NO.	(24	Hour)		√h <sub>w</sub> P <sub>m</sub>	F	m m		ector Ft,		Fg		tor, Fpv		Q, Mcfd
1	12.36	50			25	0	1.0	000	-	9608	1.0	25	30	44
2. 3.				<u></u>										
4.												<del></del>	-	
5.		1	1		z	Gas I	liquid Hy	drocarbon	Ratio					Mci/bbl.
NO.		Temp	). "H	T <sub>c</sub>						carbons			Tvvv	X X X X X X
1. 2.										 		<u> </u>		
3.						Critic	al Preseu	are	-			P.S.1.	A.	P.S.I.A.
<b>4</b> . <b>5</b> .														
Pc	913		3356	0 P.2 F	2 _ p2	(i) _	Pc 2	= 2	2.26	5239	(2)	Pc 2		.84469
NO 1	P <sub>t</sub> <sup>2</sup>	68		465124	368445		$P_c^2 - R_c^2$	?	4			Pc <sup>2</sup> - Fw <sup>2</sup>	]	
2							_		-					
3						AOF	= Q  -	P.2 - R.2	-	5615				
5							<u> </u>		<u>-</u>					
Abs	olute Open	F 10 W	5615							le of Slope				.75
	arks:			ondensa	te thr	oug	hout	test	wit.	h surg	es of	wate	r ever	У
_ 2.	U min	ites.	Wel	l would	ilare									
Арр	roved By I	lvislon		Conducted	By: Elleda	re.		Calculate Joe				Mr.	By: Don We	lls

7		y'					es established
NO. OF COP	ES RECEIVED		0 /			5 A A	
	BUTION		NEW MEXICO OIL CONS	ERVATION COMMISSIO	N S	50-0	45-25112
SANTA FE		<del></del>	APPROYAL VALID	EKYATION COMMISSIO	••	Revised 1-1-6	
FILE			R 90 DAYS UNLESS			5A. Indicate	Type of Lease
U.S.G.S.		PO	LING COMMENCED,	POPULA		STATE	FEE X
LAND OFF	ICE			ati tiven		5. State Oil	& Gas Lease No.
OPERATO	₹	EVENDES	1-13-82	- WEATHER			
		EAFIALS	SA SAN LA REPENI	- HII 1 9-100			
	APPLICATIO	N FOR PERMIT	TO DRILL, DEEPEN	OR MUGABACIESO		7. Unit Agree	ement Name
a. Type of W				OIL CON. COM		7. Olit Agree	ement rume
b. Type of W	DRILL 7	}	DEEPEN	DIST, 13 UG	BACK L	8. Form or Le	ease Name
OIL T	GAS X	)		SINGLE	LTIPLE X		per-Martin
Nome of O		OTHER		ZONE	ZONE. LAS	9. Well No.	per marem
• • • • • • • • • • • • • • • • • • • •		oleum Corpor	ation				1-A
Address of	Operator	Ticum our por	101011	:		10. Field on	d Pool, or Wildcat
1860 l	incoln Stre	eet, Suite 1	010, Denver, Colo	rado 80295	<u> </u>	Tanco Mo	esv & Basin Dakot
Location o		G	LOCATED 1850'	FEET FROM THE Eas	t LINE		
	ONIT DETT					// <del>///////////////////////////////////</del>	<i>VIIIIIIIK</i> EE
AND 1850	FEET FROM	THE North	LINE OF SEC. 31	TWP. 32N RGE.	12W NMPM	7111KIL	712277777777
IIIIII						12. County	
					HHH	San Ju	an ())
111111				19, Proposed Depth	19A. Formation	7111111	20, Rotary or C.T.
				7200'	Dakota		Rotary
21. Elevation	s (Show whether DF	F.R.T. etc.) 21 A	Kind & Status Plug. Bond	21B. Drilling Contractor	Dakuta	22. Approx	. Date Work will start
5842		2111	Killi Q Status I rage Some	Not yet contr	acted		9/1/81
23.	GL			HOC YES CONST	ucceu	<u> </u>	5/1/01
			PROPOSED CASING A	ND CEMENT PROGRAM			·
SIZE	OF HOLE	SIZE OF CAS	ING WEIGHT PER FOO	SETTING DEPT	SACKS OF	CEMENT	EST. TOP
	13-1/2"	10-3/		- <del>500</del> '30		) sx	Surf
	9-7/8"	7-5/		4000'		) sx	Surf
	6-3/4"	5-1/2" lin	er 15.5#	72001		) sx	3,800' (TOL)
			1 t	(est TOL 3800	)··' <b>)</b>	'	
1. Dr	111 13-1/2"	hole to 500	with water.	coment with cuff	itaiont a	mont to	cinculate to
2. Se	t 10-3/4", 4	10.5#, J-55	casing at 500' &	cement with Suri	icient ce	ment to	circulate to
		kimately 300					
3. In	Stall DUP S	and inspect	oximately 4000' w	ith water mudd	ina un whe	n neces	sarv. Ing back
	surface cas		DX IIIIa CELY TOOO W	itti water, illuuu	ing up with	ii iicccs	Sai y Log Duck
5. Se	5 41 Table Cus	6.4#. J-55 c	asing at 4000' an	d cement with su	fficient	cement	to circulate to
		proximately					
6. Dr	111 6-3/4"	nole through	the Dakota to ap	proximately 7200	)' with na	itural g	as. Log back to
in	termediate d	casing.					
7. If	found comme	ercially pro	ductive, set 5-1/	2", 15.5#, J-55	liner fro	om TD to	approximately
38	00' and ceme	ent back to	top of liner (app	roximately 250 s	sx).		- >
			rforate and compl	ete in Mesaverd	e & Dakota	zones	with a packer
	tween the zo						
9. In	stall produc	ction equipm	ent & clean up we	il site.			
N ABOVE SF	ACE DESCRIBE P	ROPOSED PROGRA TER PROGRAM, IF AN	M: IF PROPOSAL IS TO DEEPEN	OR PLUG BACK, GIVE DATA	ON PRESENT PRO	DUCTIVE ZONE	, AND PROPOSED NEW PRODUC-
hereby certif	y that the informat	ion above is true an	d complete to the hest of my	inowiedge and belief.	355752	IIII	
igned	Homas	C Beloh	TO PAISTY	at Petrote MC T	Trace	344 120	ly (e, 1981
	(This space for	State Use	JUL 0 9 198	31	2 3 1981	IVISION	UL 131981
PPROVED	y Dach	2. Chang/	DIE CONSERVATION	DIVISION	DVATION	DATE	A- TO 1201
:ONDITIONS	OF APPROVAL, I	FANY:	SANTA FE	CONS	CANTA FE		

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## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO RGY AND MINERALS DEPARTMENT

## P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

All distances must be from the cuter boundaries of the Section. Well No. perator UNION TEXAS PETROLEUM COMPANY CUEPEPPER-MARTIN Range Jnit Letter San Juan 12W 32N ictual Footage Location of Wells 1850 feet from the North line and Dedicated Acreage: Ground Level Elev: **Producing Formation** 320 Acres 5842 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling. etc? If answer is "yes," type of consolidation \_ Yes If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. District Petroleum Engineer 1850' Union Texas Petroleum Corp. Sec. July 6, 1981 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 some is true and correct to the best of my OIL CON. COM. knowledge and belief. DNSERVATION DIVISION SANTA FE NOB. KER Scale: 1"=1000" 3950

## STATE OF NEW MEXICO

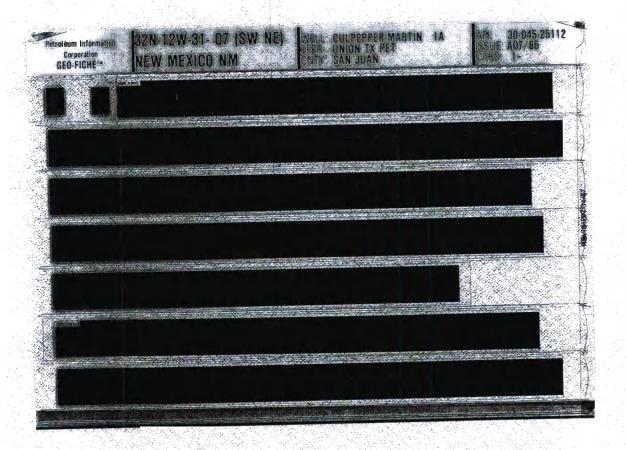
## C . CONSERVATION DIVISIC

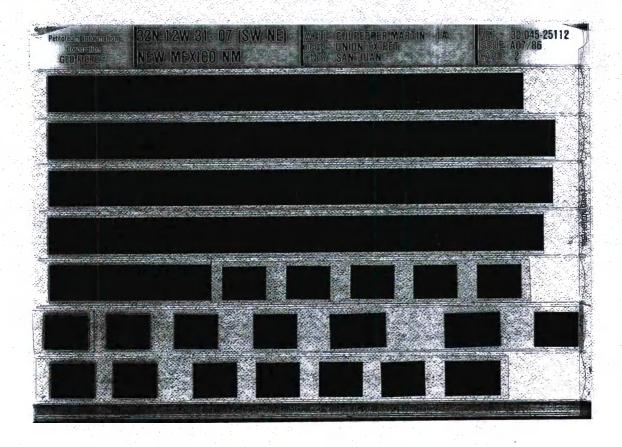
SANTA FE. NEW MEXICO 87501

Form G-107 keyfred 10-1

SANTA FE, NEW MEXICO 87501

IL Section   Township   Incess   Section   Township   Incess   Clubepper Hartin   IA    It still its   Section   Township   Incess   County   IA    Its   Section   Township   Incess   County   IA    Its   Section   Township   Incess   County   IA    Its   Section   Township   Ia    Its   Section	DITION TEXAS PERFOLEUM COMPANY  CULPEPPER-MARTÍN  Italian  Section  Township	All distan	ices must be fr	um the cuter how	decles of	the Section				
Section   Section   128   Section   128   San Juan   12	It set to the second se							/		
Sec.   San Juan   1850   San	1850   See			·		-MARTI			<b>\</b>	<u> </u>
1850   feet from the North   time and 1850   feet from the   East   time	1850   test from the North   the out 1850   test from the East   the	It Letter Secti			1				(	•
1850 test from the North time and 1850 test from the East the State of Producting Formations (1812).  1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  Yes No If answer is "so," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commination.  CERTIFICATION  I hereby certify that the information contained herein is true and camplete to the best of my knowledge and belief.  Name Company Union Texas Petroleum Corbotic Tests of the state of the tests of my knowledge and ballef.  It hereby certify that the well focation shown and this plat was objected from fittal orders of actual surveys made by me or under my supervision, and that the same is true and carried to the best of my knowledge and ballef.  It hereby certify the the well focation shown and this plat was objected from fittal contents of actual surveys made by me or under my supervision, and that the same is true and carried to the best of my knowledge and ballef.  Determine East from the plat below.	1850 test from the Morth the and 1850 test from the Eggt the State of	0		N .	12W		San Ju	an		· · · · · · · · · · · · · · · · · · ·
Peol Mesaverde, Dakotà Blanco Mesaverde, Basin Dakota Blanco Mesaverede, Basin Blanco Mesaver	Designed Formation  Mesaverde, Dakota  Blanco Mesaverde, Bastn Dakota  Accos  Acco				3.000			D		
Mesaverde, Dakota   Blanco Mesaverde, Bastin Dakota   E 320   Acros	Sec.   Blanco Mesaverde, Bas m. Dakota   E 320   Access			line and		feet	from the	East	Dodlor	
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?    Yes	Sec.  1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.  2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?    Yes		Mesaverde. Dako	ta	Blanco Mesay	verde,	Basin Da	akota		-
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  Yes No If answer is "yes;" type of consolidation  If answer is "no;" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and helled.  Name Position  District Petroleum Engine  Company  Union Texas Petroleum Cor  Date  July 6, 1981  I hereby certify that the wall facetion and that the same is a contained and that the same is store and carrect to the best of my knowledge and balled.  On Containing the same is the best of my knowledge and balled.	2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).  3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?  Yes No If answer is "90," type of consolidation  If answer is "10," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  I hereby certify that the laformation conveniend hardin is true and complete to the best of my knowledge and beltef.  Nome Union Texas Petroleum Engine Composey Union Texas Petroleum Cor Determined States and Stat	-								
dated by communitization, unitization, force-pooling, etc?  Yes No If answer is "yes," type of consolidation  If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Name Lewis C. Delte July 6, 1981  I hereby certify that the well location shown on this plot 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 Surveys made by the Company is true and correct to the best of my knowledge and belief.  Date Surveys made by the Company is true and correct to the best of my knowledge and belief.	dated by communitization, unitization, force-pooling, etc?    Yes   No   If answer is "yes," type of consolidation	2. If more than o	ne lease is dedicate							
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, climinating such interests, has been approved by the Commission.  CERTIFICATION  I hereby certify that the Information contained herein is true and complete to the best of my knowledge and bellef.  Name Position  District Petroleum Engine  Company  Union Texas Petroleum Cor  Date  July 6, 1981  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me and that the same is true and correct to the best of my knowledge and bellef.  May 20 1982  On Contain the same is true and correct to the best of my knowledge and bellef.	this form if necessary.)  No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.  CERTIFICATION  I hereby certify that the Information contained herein is true and complete to the best of my knowledge end belief.  Name   District Petroleum Engine   Coopeny   Union Texas Petroleum Cordinated   District Petroleum Engine   Coopeny   Union Texas Petroleum Cordinated   District   Petroleum Engine   Coopeny   Union Texas   Petroleum Engine   Petroleum	dated by commi	initization, unitizatio	on, force-pool	ing. etc?		have the in	terests	of all	owners been consoli-
Sec.  1850  1850  Sec.  1850  Sec.  1850  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Name Position District Petroleum Engine Company Union Texas Petroleum Cor Date July 6, 1981  I hereby certify that the well facation 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.  MAY 20 1982  Of.  Date Surveys (S. 1.1/1) Date Surveys (S. 1.1/1) Date Surveys (S. 1.1/1)	Sec.  18501  Sec.  18501  Sec.  18501  I hereby certify that the information company to the best of my knowledge and bellet.  Name Lawre C. John District Petroleum Engine Company Union Texas Petroleum Cor Date July 6, 1981  I hereby certify that the well location shown on this plat was platted 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 bellet.  Oil CON DOIST. Som.  Date Surveying District Petroleum Cor Date actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and bellet.  Date Surveying District Petroleum Cor Date actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and bellet.  Date Surveying District Petroleum Cor Date July 6, 1981  Date Surveying District Petroleum Cor Date July 6, 1981	If answer is "r this form if nec No allowable w forced-pooling,	no," list the owners a essary.) ill be assigned to the	well until al	criptions which	have ac	onsolidate	d (by c	ommuni	tization, unitization,
Joe Ball and		COA.	1982	IA)	18 OIL UNIVERSA	1087	J. J	Position Dist Company Unic Date July I here shown notes under Is tru knowl	by certify I herein is if my know  rict f  on Texa  on this p  of actual  my supervise and co  edge and if  fied Protes	that the information control and complete to the riedge and belief.  Petroleum Engineer as Petroleum Corp.  181  181  181  Allo Stand Engineer  Stand Engineer





Page: 1 Document Name: untitled

11/22/02 08:32:17 CMD : ONGARD OG5SECT INQUIRE LAND BY SECTION OGOMES -TPEG PAGE NO: 2 Sec : 31 Twp : 32N Rng : 12W Section Type : NORMAL 3 K J Ι 40.00 37.56 40.00 40.00 Fee owned Fee owned Fee owned Fee owned 4 N 0 :: Р 37.59 40.00 40.00 40.00 Fee owned Fee owned Fee owned Fee owned A Α Α

PF04 GoTo

PF10 SDIV

PF05

PF11

PF06

PF12

PF03 EXIT

PF09 PRINT

Date: 11/22/2002 Time: 02:13:00 PM

PF02

PF08 FWD

PF01 HELP

PF07 BKWD

' Page: 1 Document Name: untitled

CMD : OG5SECT		ND BY SECTION	11/22/02 14:06:20 OGOMES -TPEG PAGE NO: 1
Sec : 31 Twp :	32N Rng : 12W Sect	ion Type : NORMAL	
1	C	В	A
37.51	40.00	40.00	40.00
Fee owned	Fee owned	Fee owned	Fee owned
2	F	G :	_
37.54	40.00	40.00	40.00
Fee owned	   Fee owned	Fee owned	   Fee owned
	A	<b>A A</b>	
M0002: T	his is the first page		
PF01 HELP PF0		PF04 GoTo PF05	PF06
PF07 BKWD PF0	8 FWD PF09 PRINT	PF10 SDIV PF11	PF12

Date: 11/22/2002 Time: 02:13:03 PM

CMD :

ONGARD

11/22/02 14:06:54

OG6IWCM

INQUIRE WELL COMPLETIONS

OGOMES -TPEG

Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)

OGRID Idn : 14538 BURLINGTON RESOURCES OIL & GAS CO

Prop Idn : 6935 CULPEPPER MARTIN

Well No : 001A GL Elevation: 5842

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : G 31 32N 12W FTG 1850 F N FTG 1850 F E P

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : P

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

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 11/22/2002 Time: 02:13:37 PM

Page: 1 Document Name: untitled

OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPEG
Page No : 1

API Well No : 30 45 25112 Eff Date : 04-30-1991

Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)

Prop Idn : 6935 CULPEPPER MARTIN Well No : 001A

Spacing Unit : 32345 OCD Order : Simultaneous Dedication:

Sect/Twp/Rng : 31 32N 12W Acreage : 320.00 Revised C102? (Y/N) :

Dedicated Land:

S Base U/L Sec Twp Rng Acreage L/W Ownership Lot Idn 32N 12W 40.00 A 31 FEFE В 31 32N 12W 40.00 N 40.00 31 32N 12W FE N H 31 32N 12W 40.00 FEFE 32N 12W 40.00 N I 31 N 31 32N 12W 40.00 J FE0 31 32N 12W 40.00 N ' FE 31 32N 12W 40.00 FEN

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

Date: 11/22/2002 Time: 02:13:41 PM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG
Page No: 1

OGRID Identifier: 14538 BURLINGTON RESOURCES OIL & GAS CO

Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)

API Well No : 30 45 25112 Report Period - From : 01 2000 To : 10 2002

API	We]	ll No	Property	Name			Days		Produc	ction Volumes	3	Well
					MM/	YY	Prod		Gas	Oil	Water	Stat
30	45	25112	CULPEPPER	MARTIN	01	00	31	×	537	11		F
30	4.5	25112	CULPEPPER	MARTIN	02	00	29		737	8		F
30	45	25112	CULPEPPER	MARTIN	03	00	31	:	870	14		F
30	45	25112	CULPEPPER	MARTIN	04	00	30		882	20		F
30	45	25112	CULPEPPER	MARTIN	05	00	31		1261	29		F
30	45	25112	CULPEPPER	MARTIN	0.6	00	30	4	1653	7		F
30	45	25112	CULPEPPER	MARTIN	07	00	31		1642	11		$\mathbf{F}$

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

 PF01
 HELP
 PF02
 PF03
 EXIT
 PF04
 GoTo
 PF05
 PF06
 CONFIRM

 PF07
 BKWD
 PF08
 FWD
 PF09
 PF10
 NXTPOOL
 PF11
 NXTOGD
 PF12

Date: 11/22/2002 Time: 02:13:50 PM

Page: 1 Document Name: untitled

30 45 25112 CULPEPPER MARTIN

CMD : **ONGARD** 11/22/02 14:07:09

OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG

Page No: 2

OGRID Identifier: 14538 BURLINGTON RESOURCES OIL & GAS CO

Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)

API Well No : 30 45 25112 Report Period - From : 01 2000 To : 10 2002

	API Well No Propert		Property	Name	Pro	 dn	Days		Produc	ction Volume	g	Well
711 1		II NO	rroperty	wante			Prod		Gas	Oil	Water	
30	45	25112	CULPEPPER	MARTIN	08	00	31		1446	26		F
30	45	25112	CULPEPPER	MARTIN	09	00	30		1244	19		F
30	45	25112	CULPEPPER	MARTIN	10	0.0	31	-:	1720	4	3	F
30	45	25112	CULPEPPER	MARTIN	11	00	30		1235	23		F
3.0	45	25112	CULPEPPER	MARTIN	12	00	31		971	24		F
30	45	25112	CULPEPPER	MARTIN	01	01	31		887	16		F

885

23

Reporting Period Total (Gas, Oil) :

02 01 28

E0049: User may continue scrolling.

PF02 PF03 EXIT PF01 HELP PF04 GoTo PF05 PF06 CONFIRM PF07 BKWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12 PF08 FWD

Date: 11/22/2002 Time: 02:13:51 PM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG
Page No: 3

OGRID Identifier: 14538 BURLINGTON RESOURCES OIL & GAS CO

Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)

API Well No : 30 45 25112 Report Period - From : 01 2000 To : 10 2002

API	API Well No		Property	Name		odn. 'YY	Days Prod		Produc Gas	ction Volume Oil	es Water	Well Stat
30	45	25112	CULPEPPER	MARTIN	03	01	31		1045	12	8	F
30			CULPEPPER		04	_	30		907	23		F
30	45	25112	CULPEPPER	MARTIN	05	01	31	*:	1016	5	6	F
30	45	25112	CULPEPPER	MARTIN	06	01	30		1969	2		F
30	45	25112	CULPEPPER	MARTIN	07	01	31		1548			F
30	45	25112	CULPEPPER	MARTIN	08	01	31	*	1464			F
30	45	25112	CULPEPPER	MARTIN	09	01	30		1195			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/22/2002 Time: 02:13:52 PM

CMD: ONGARD 11/22/02 14:07:12

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG

Page No: 4

OGRID Identifier: 14538 BURLINGTON RESOURCES OIL & GAS CO

Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)

API Well No : 30 45 25112 Report Period - From : 01 2000 To : 10 2002

API	We]	ll No	Property	Name		odn. /YY	Days Prod		Produc	ction Vol	umes Water	Well Stat
30	45	25112	CULPEPPER	MARTIN	10	01	31		1225			F
30	45	25112	CULPEPPER	MARTIN	11	01	30		1315			F
30	45	25112	CULPEPPER	MARTIN	12	01	31	• :	1288			F
30	45	25112	CULPEPPER	MARTIN	01	02	31		985			F
30	45	25112	CULPEPPER	MARTIN	02	02	28		663			F
30	45	25112	CULPEPPER	MARTIN	03	02	31	1	1020			F
30	45	25112	CULPEPPER	MARTIN	04	02	30		805			F

Reporting Period Total (Gas, Oil) :

\_\_\_\_\_\_\_

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo. PF05 PF06 CONFIRM PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/22/2002 Time: 02:13:53 PM

CMD :

**ONGARD** 

11/22/02 14:07:13

OG6IPRD

INQUIRE PRODUCTION BY POOL/WELL

OGOMES - TPEG Page No: 5

OGRID Identifier: 14538 BURLINGTON RESOURCES OIL & GAS CO

Pool Identifier : 71599 BASIN DAKOTA (PRORATED GAS)

: 30 45 25112 Report Period - From : 01 2000 To : 10 2002 API Well No

API	Wel	l No	Property	Name			Days Prod		Produ Gas	action Volume Oil	s Water	Well Stat
30	45	25112	CULPEPPER	MARTIN	05	02	31		897			F
30	45	25112	CULPEPPER	MARTIN	06	02	30		997			$\mathbf{F}$
30	45	25112	CULPEPPER	MARTIN	07	02	31	- ;	982			$\mathbf{F}$
30	45	25112	CULPEPPER	MARTIN	08	02	31		879			F

Reporting Period Total (Gas, Oil) : 277 17 ▶ 36170

E0049: User may continue scrolling.

PF03 EXIT PF01 HELP PF02 PF04 GoTo

PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF10 NXTPOOL PF11 NXTOGD PF12 PF09

Date: 11/22/2002 Time: 02:13:55 PM

CMD :

ONGARD

11/22/02 14:07:18

OG6IWCM

INQUIRE WELL COMPLETIONS

OGOMES -TPEG

Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)

OGRID Idn : 14538 BURLINGTON RESOURCES OIL & GAS CO

Prop Idn : 6935 CULPEPPER MARTIN

Well No : 001A GL Elevation: 5842

U/L Sec Township Range North/South East/West Prop/Act(P/A)

B.H. Locn : G 31 32N 12W FTG 1850 F N FTG 1850 F E P

Lot Identifier:

Dedicated Acre: 320.00

Lease Type : P

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

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06

PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 11/22/2002 Time: 02:14:01 PM

CMD : ONGARD

C102-DEDICATE ACREAGE

11/22/02 14:07:22

OGOMES -TPEG

API Well No : 30 45 25112 Eff Date : 04-30-1991 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)

Prop Idn : 6935 CULPEPPER MARTIN

Well No : 001A

Page No: 1

Spacing Unit : 35172 OCD Order :

Simultaneous Dedication:

Sect/Twp/Rng : 31 32N 12W Acreage : 320.00 Revised C102? (Y/N)

Dedicated Land:

OG6ACRE

S Base U/L Sec Twp Rng Acreage L/W Ownership Lot Idn 32N 12W 40.00 31 N FE40.00 N 31 32N 12W FE40.00 N 31 FE32N 12W H 31 32N 12W 40.00 N FE 40.00 N I 31 32N 12W FE40.00 N 32N 12W J 31 FE0 31 32N 12W 40.00 N · FE 40.00 32N 12W 31 N FE

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

Date: 11/22/2002 Time: 02:14:05 PM

CMD : ONGARD

11/22/02 14:07:30 OGOMES -TPEG

OG61PRD INQUIRE PRODUCTION BY POOL/WELL

Page No: 1

OGRID Identifier: 14538 BURLINGTON RESOURCES OIL & GAS CO

Popl Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 25112 Report Period - From : 01 2000 To : 10 2002

API	Wel	ll No	Property	Name	Pro MM/		Days Prod		Production Gas		Water	Well Stat
30	45	25112	CULPEPPER	MARTIN	01	00	31	*	1905	11		F
30	45	25112	CULPEPPER	MARTIN	02	00	29		2615	8		F
30	45	25112	CULPEPPER	MARTIN	03	00	31	1	3086	14		F
30	45	25112	CULPEPPER	MARTIN	04	00	30		3127	20		F
30	45	25112	CULPEPPER	MARTIN	05	00	31		4471	29		F
30	45	25112	CULPEPPER	MARTIN	06	00	30	1	5860	7		F
30	45	25112	CULPEPPER	MARTIN	07	00	31		5829	11		F

Reporting Period Total (Gas, Oil) :

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M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/22/2002 Time: 02:14:13 PM

CMD: 0NGARD 11/22/02 14:07:33

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG
Page No: 2

OGRID Identifier: 14538 BURLINGTON RESOURCES OIL & GAS CO

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 25112 Report Period - From : 01 2000 To : 10 2002

API Well No		ll No	Property	Name			Days Prod		Production Gas	on Volumes Oil	s Water	Well Stat
30	45	25112	CULPEPPER	MARTIN	08	00	31		5125	26		F
30	45	25112	CULPEPPER	MARTIN	09	00	30		4410	19		F
30	45	25112	CULPEPPER	MARTIN	10	00	31	:	6097	4	3	F
30	45	25112	CULPEPPER	MARTIN	11	00	30		4380	23		F
30	45	25112	CULPEPPER	MARTIN	12	00	31		3445	23		F
30	45	25112	CULPEPPER	MARTIN	01	01	31	•	3146	16		F
3.0	45	25112	CULPEPPER	MARTIN	02	0.1	28		3139	23		Ŧ

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/22/2002 Time: 02:14:17 PM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG
Page No: 3

OGRID Identifier: 14538 BURLINGTON RESOURCES OIL & GAS CO

Popl Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 25112 Report Period - From : 01 2000 To : 10 2002

API Well No		l No	Property	Name			Days Prod		Produc Gas	tion Volume	s Water	Well Stat
								- <b>-</b> -				
30	45	25112	CULPEPPER	MARTIN	03	01	31	**	3704	12	8	F
30	45	25112	CULPEPPER	MARTIN	04	01	30		3217	23		F
30	45	25112	CULPEPPER	MARTIN	05	01	31	1.	3604	5	6	F
30	45	25112	CULPEPPER	MARTIN	06	01	30		6982	2		F
30	45	25112	CULPEPPER	MARTIN	07	01	31		5488			F
30	45	25112	CULPEPPER	MARTIN	08	01	31		5189			F
30	45	25112	CULPEPPER	MARTIN	0.9	01	30		4237			F

Reporting Period Total (Gas, Oil) :

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E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTO PF05 PF06 CONFIRM PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/22/2002 Time: 02:14:18 PM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG
Page No: 4

OGRID Identifier: 14538 BURLINGTON RESOURCES OIL & GAS CO Pool Identifier: 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 25112 Report Period - From : 01 2000 To : 10 2002

API Well No		ll No	Property	Name			Days Prod		Produc	tion Volume	s Water	Well Stat
30	45	25112	CULPEPPER	MARTIN	10	01	31		4343			$\mathbf{F}$
30	45	25112	CULPEPPER	MARTIN	11	01	30		4661			F
30	45	25112	CULPEPPER	MARTIN	12	01	31	1:	4568			F
30	45	25112	CULPEPPER	MARTIN	01	02	31		3492			F
3.0	45	25112	CULPEPPER	MARTIN	02	02	28		2349			F
30	45	25112	CULPEPPER	MARTIN	03	02	31		3615			F
30	45	25112	CULPEPPER	MARTIN	04	02	30		2854			F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTO PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/22/2002 Time: 02:14:20 PM

Page: 1 Document Name: untitled

OG61PRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPEG

Page No: 5

OGRID Identifier: 14538 BURLINGTON RESOURCES OIL & GAS CO

Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 25112 Report Period - From : 01 2000 To : 10 2002

API	Wel	1 No	Property	Name			Days Prod		Produ Gas	ction Volume	s Water	Well Stat
30	45	25112	CULPEPPER	MARTIN	05	02	31	V	3179			F
30	45	25112	CULPEPPER	MARTIN	06	02	30		3536			F
30	45	25112	CULPEPPER	MARTIN	07	02	31	13.	3481			F
30	45	25112	CULPEPPER	MARTIN	80	02	31		3115			F

Reporting Period Total (Gas, Oil): 128249 276 17

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM

PF07 BKWD PF08 FWD PF09 PF10 NXTPOOL PF11 NXTOGD PF12

Date: 11/22/2002 Time: 02:14:21 PM