

ESTIMATED PAYOUT

160 Acre Spacing

Daily Take	500,000 cubic/day
Distillate	30 barrels/million
Gas Price	16¢
Distillate Price	\$2.36 (Net after trucking and taxes)
Cost of Wells	\$130,000
Gross Gas Income Per Month	= 15,000 MCF x .16 x .875
	= \$2,100.00
Estimated taxes & operating expense (month)	= \$ 300.00
<u>NET GAS INCOME PER MONTH</u>	= \$1,800.00

PAYOUT WITH NO DISTILLATE INCOME

Payout	= Well Cost ÷ Monthly Income
	= \$130,000 ÷ \$1,800.00
	= 72 Months

DISTILLATE INCOME PER MONTH

Income per Month	= 30 barrels x 15 x \$2.36 x .875
	= \$929.25

PAYOUT WITH DISTILLATE INCOME

Payout	= Well Cost ÷ Monthly Income
	= \$130,000 ÷ \$2,729.25
	= 47.6 Months

## COMPLETION HISTORY

### Brown & George #1 Federal:

Location: 1980 feet FS&WL Section 33, T-7-S, R-37-E.

Elevation: 4062 feet

Total Depth: 8762 feet

### Drillstem tests:

7969-8007, open 2 hours, GTS 55" (Estimated  
50,000 cubic feet per day), recovered 180'  
slightly gas cut mud.

30" ISIP 755#

FP 85-115#

30" FFP 480#

8010-8242, open 1 hr. 15 min. GTS 7 minutes,  
flowed 2,200 MCF, stuck tool, no shut in  
pressures.

### Completion:

Perfs: 8022-42, 8094-8100, 8114-24  
500 gallons acid.

Absolute open flow 16,900,000 cubic feet/day plus  
30 barrels of distillate/million.

### Brown & George #1-A Federal:

Location: 990' FS&EL Section 33, T-7-S, R-37-E.

Elevation: 4055'

Total Depth: 8799 feet.

### Drillstem Tests:

7964-8017, open 1 hr., GTS 5" (Estimated 150,000  
increasing to 200,000 cubic ft/day).

30" ISIP 1850#

FP 0

30" FSIP 2860#

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 2

CASE NO. 2355

8014-8069, open 1 hr, 20 min., recovered  
90' gas cut mud.

30" ISIP	310#
FP	0
30" FSIP	400#

8072-8157, open 1-1/2 hrs, GTS 3",  
800,000 cubic ft/day, decreasing to 525,000  
cubic ft/day. Recovered: 270' heavily gas cut  
mud, 540' heavily gas cut distillate cut and salt  
water cut mud, 270' slightly gas cut salt water.

30" ISIP	2960#
FP	450#
FFP	465#
30" FSIP	2725#

Completion:

Perforated: 8143-46, acidized 500.  
Flowed 300,000 cubic ft/day + 52 barrels water.  
Set bridge plug at 8105.

Perforated: 7994-8002, 8004-8009, 8016-30,  
acidized 2500 gallons. Absolute open flow potential  
1.3 MMCF/day plus 50 barrels distillate/million.

Brown & George #5 Bluit Unit:

Location: 1980' FSL & 660 FWL Section 27, T-7-S, R-37-E.

Elevation: 4050 feet. Total Depth: 9265 feet.

Drillstem Tests:

8069-8107, open 1 hr, recovered 90 feet slightly gas cut mud.

30" ISIP	2845#
FP	75-155#
30" FSIP	2120#

Completion:

Perforated: 8052-8056, 8062-92, acidized 5000 gallons.  
Absolute open flow potential 470,000 cubic ft/day,  
8 barrels of distillate, 15 barrels water.  
Tracer Survey indicates bad cement job.

98

RADIUS OF DRAINAGE CALCULATIONS

Brown and George  
Well No. 1  
Federal "A" Lease  
Section 33 T7S R37E  
Roosevelt Co., New Mexico

Horizontal Steady-State Single Phase Flow of Compressible  
Fluids

( Sylvain J. Pirson - " Oil Reservoir Engineering")

Radial Flow Formula:

$$Q = 703 \left[ \frac{h \times k (P_e^2 - P_w^2)}{Z \mu T_f h (P/P_o)} \right]$$

Where:

$Q$  = Volume gas flowing, ft<sup>3</sup>/day

$h$  = Formation thickness, ft

$k$  = Permeability, Darcies

$Z$  = Gas compressibility factor

$\mu$  = Viscosity of gas, cp.

$T_f$  = Formation temperature, °R

$P_e$  = Formation pressure at external  
drainage radius, psia

$P_w$  = BHP of well while producing, psia

$r_e$  = External drainage radius, ft

$r_w$  = Well bore radius, ft

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 8

CASE NO. 2355

$$\therefore \ln(r_e/r_w) = 703 \left[ \frac{h \times k (P_o^2 - P_w^2)}{z \mu T_f Q} \right]$$

Substituting following values:

$$Q = 1,364,600 \text{ ft}^3/\text{day}$$

$$h = 63 \text{ ft}$$

$$k = .28 \text{ md.}$$

$$z = .74$$

$$\mu = .0211 \text{ cp.}$$

$$P_o = 3174 \text{ psia}$$

$$P_w = 1462 \text{ psia}$$

$$T_f = 607^\circ \text{R}$$

$$r_w = .328 \text{ ft}$$

$$\ln(r_e/r_w) = 703 \left[ \frac{63 \times .00028 (3174^2 - 1462^2)}{.74 \times .0211 \times 607 \times 1,364,600} \right]$$

$$\ln(r_e/r_w) = 703 \left[ \frac{.0195 (10.09 \times 10^6 - 2.14 \times 10^6)}{.74 \times .0211 \times 607 \times 1,364,600} \right]$$

$$= 703 \left[ \frac{.0195 (7.95 \times 10^6)}{.6156 (829 \times 10^6)} \right]$$

$$= \frac{(703)(.155 \times 10^6)}{12.92 \times 10^6}$$

$$\therefore \ln r_e = 7.86$$

$$r_e = 2600 \text{ ft}$$

Radius of drainage for 320 acres = 2040 ft

TRANSWESTERN PIPELINE COMPANY

FIRST CITY NATIONAL BANK BUILDING

HOUSTON, TEXAS

MAIL ADDRESS  
P.O. BOX 1802  
HOUSTON 1, TEXAS

February 22, 1961

H. L. Brown, Jr.  
507 Midland Savings Building  
Midland, Texas

Re: Gas Purchase Agreement dated February 22,  
1961 between H. L. Brown, Jr. et al. and  
Transwestern Pipeline Company

Dear Sir:

Article I of the captioned contract provides, among other things, that the parties to the contract will initially agree to a total quantity of recoverable gas originally in place under the lands and leases covered by the contract. Such reserves as calculated by our Reserve Department are 19,200 MCF @ 14.65 psia; and such number is based upon your owning the interest shown on the attached table, which shows the breakdown of such number.

If this estimate is satisfactory with you will you please execute and return one copy of this letter to me.

Yours very truly,

TRANSWESTERN PIPELINE COMPANY

By *Ben A. Copass Jr.*  
Ben A. Copass, Jr.  
Manager, Gas Purchase Contracts

AGREED TO this 22 day of  
February 1961  
*H. L. Brown, Jr.*  
H. L. BROWN, JR.

BEFORE EXAMINER NUTTER  
OIL CONSERVATION COMMISSION  
EXHIBIT NO. 10  
CASE NO. 2355

ILLEGIBLE

GAS RESERVE SUMMARY

For TM Contract No. 388 With H. L. Brown et al., dated February 22, 1961  
(All figures in MMCF @ 14.65 psia and 60°F)

County, State Field	Well Name	Lease or Unit Description	Gross Rec. Reserve	Contract Interest (%)	Rec. Reserve For Contract
	#5 Federal Blutt		8,400	100%	
	#1 Federal		10,800	100%	
			<u>19,200</u>		

# Tidewater Oil Company



Box 1404

Houston 1, Texas

D. H. CONNELL, JR.  
Division Proration and  
Unitization Manager

JOHN S. CAMERON, JR.  
Proration Supervisor

EVERETT W. HARGRAVE, JR.  
Unitization Supervisor

July 29, 1964

New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Attention: Mr. Elvis A. Utz, Examiner

Gentlemen:

Case 2355 - Order R-2051-B  
Bluitt-Wolfcamp Gas Pool  
Roosevelt County, New Mexico

This is to advise that Tidewater Oil Company has received notice of the subject hearing now set for August 5, 1964. Tidewater has a working interest in gas wells operated by Mr. H. L. Brown, Jr. in this field.

We are advised that Mr. Brown will appear at this hearing and request that temporary 320-acre gas spacing units, as established by Order R-2051-B, be continued for this field. This is to advise that Tidewater concurs with Mr. Brown's recommendations in this matter.

Very truly yours,

TIDEWATER OIL COMPANY

  
JOHN S. CAMERON, JR.

JSC:mp

cc: Mr. H. L. Brown, Jr.  
507 Midland Savings Building  
Midland, Texas

1964 JUL 31 AM 7:40

MAIN OFFICE OCC



OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date 8/30/62

CASE 2355

Hearing Date 9am 8/29/62  
DSN @ SF

My recommendations for an order in the above numbered cases are as follows:

Enter an order extending the temporary pool rules in the Blunt Wolfcamp Gas Pool for an additional one year period. There is insufficient evidence available at this time to warrant more than a temporary extension. ~~Call~~ Order a case called in August 1963 to permit applicant to appear & show cause why pool should not revert to 160-acre spacing.

  
Staff Member

CONTINUATION OF HISTORY OF THE BLUITT-WOLFCAMP GAS POOL

Roosevelt County, New Mexico  
August 5, 1964

A. New Wells - Since August 29, 1962, there have been no new wells drilled in and around the Bluitt-Wolfcamp gas pool.

B. Status of Existing Wells -

HLB, Jr. & CEG	#1-A Federal	-	To date, no connection - 11000 - 2862 #
HLB, Jr. & CEG	#5 Federal	-	To date, no connection
HLB, Jr. & CEG	#1 Federal	-	Connected 8/9/61 to Transwestern Pipeline Company

Accumulative gas production delivered to Transwestern from August 1961 through July 1963 129,444 MCF

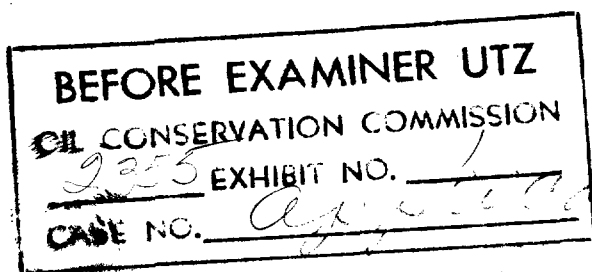
Gas Delivery to Transwestern  
MCF

August 1963	4,111
September 1963	3,337
October 1963	2,761
November 1963	9,729
December 1963	51,827
January 1964	57,284
February 1964	61,052
March 1964	62,153
April 1964	65,638
May 1964	69,596
June 1964	65,994
	<hr/> 453,482

129,444  
453,482  
582,926  
#1-A

- 4000 128415  
11-9-61 1964

2731 # 2914 #



ILLEGIBLE

# HISTORY OF THE BLUITT-WOLFCAMP GAS POOL

Roosevelt County, N. M.

- A. H. L. Brown, Jr. & Clem E. George #1 Federal  
Unit K, Section 33, T7S, R37E  
Spudded 7/26/59  
Completed 10/4/59 TD 8762'  
SI-Gas Well

BEFORE EXAMINER NUTTER	
OIL CONSERVATION COMMISSION	
Case No. <u>2355</u>	DATE NO. <u>1-A</u>

- B. H. L. Brown, Jr. & Clem E. George #5 Federal  
Unit L, Section 27, T7S, R37E  
Re-Entry, Spudded 12/11/59  
Completed 3/7/60 TD 9265'  
SI - Gas Well

*given at 1962 by*

- C. H. L. Brown, Jr. & Clem E. George #1-A Federal  
Unit P, Section 33, T7S, R37E  
Spudded 3/27/61  
Completed 5/22/61 TD 8790'  
SI Gas Well

- D. H. L. Brown, Jr. & Clem E. George #1 H. P. Saunders Estate  
Unit E, Section 5, T8S, R37E  
Spudded 8/2/61  
Completed 10/19/61 TD 9565'  
Dry Hole

- E. Transwestern Pipeline Company Contract #388  
Dated: February 22, 1961  
FPC Temp Cert. Issued: May 12, 1961  
First Delivery: Aug. 9, 1961

- F. Oil Conservation Commission of The State of New Mexico  
Request for hearing: July 20, 1961  
Hearing: August 9, 1961  
Order of the Commission; Order #R-2051  
Case #2355 - August 29, 1961

- G. Production
- |                |                                |
|----------------|--------------------------------|
| HLB, Jr. & CEG | #1-A Federal - Never connected |
| " "            | #5 Federal - Never Connected   |
| " "            | #1 Federal - Connected 8/9/61  |

## Gas Delivery to Transwestern MCF

August 1961	6,458
September 1961	2,750
October 1961	1,838
November 1961	8,162
December 1961	4,897
January 1962	6,637
February 1962	12,019
March 1962	7,212
April 1962	2,043
May 1962	3,166
June 1962	2,861
July 1962	7,314
	<u>65,357</u>

Case No.

2355

Large Exhibits

**Insert**

**Color Page/Photo**

**Here**

LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE

PADILLA & SNYDER

ATTORNEYS AT LAW

200 W. MARCY, SUITE 212

P.O. BOX 2523

SANTA FE, NEW MEXICO 87504-2523

ERNEST L. PADILLA  
MARY JO SNYDER

FAX 988-7592  
AREA CODE 505

(505) 988-7577

August 11, 1988

Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

ATTN.: MICHAEL STOGNER  
Petroleum Engineer

Re: Case No. 2355 (Reopened); Order No. R-2051-D

Dear Mr. Stogner:

Enclosed please find our draft of Nunc Pro Tunc Order to clarify the Order as originally drafted. You may recall our recent telephone conversation wherein we discussed the applicability of pertinent portions of statewide Rule 104 on how the original might be construed to provide for 160-acre spacing.

Should you have any questions, please let me know.

Very truly yours,



Ernest L. Padilla

ELP:crk

Enclosure as stated

cc: H. L. Brown, Jr.  
Attn.: Jim Shawl  
W/Encl.

STATE OF NEW MEXICO  
ENERGY, ~~MINERALS~~ DEPARTMENT  
OIL CONSERVATION DIVISION

*AND NATURAL RESOURCES*

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 2355 (Reopened)  
Order No. R-2051-D-1

IN THE MATTER OF CASE 2355  
BEING REOPENED ON THE MOTION  
OF THE OIL CONSERVATION DIVISION  
AND PURSUANT TO THE PROVISIONS OF  
ORDER NO. R-2051, AS AMENDED,  
WHICH ORDER PROMULGATED TEMPORARY  
SPECIAL RULES AND REGULATIONS FOR THE  
BLUITT-WOLFCAMP GAS POOL IN ROOSEVELT  
COUNTY, NEW MEXICO, INCLUDING A  
PROVISION FOR 320-ACRE SPACING UNITS.

NUNC PRO TUNC ORDER

BY THE DIVISION:

It appearing to the Division that Order No. R-2051-D,  
dated July 29, 1988, does not ~~state~~ state the intended  
order of the Division, *clearly and explicitly*

IT IS THEREFORE ORDERED THAT:

(1) Finding Paragraph No. (13) on page 2 of the  
Division Order No. R-2051-D is hereby ~~amended~~ to read in  
its entirety as follows: *amended*

"(13) In order to prevent the economic loss  
caused by drilling an excessive number of wells,  
to avoid the augmentation of risk arising from the  
drilling of an excessive number of wells, and to  
otherwise prevent waste and protect correlative  
rights the Temporary Special Rules and Regulations  
for the Bluit-Wolfcamp Gas Pool should be  
rescinded and said pool should be governed by the  
Statewide Rules for gas pools in the State, as  
they apply to 320-acre spacing as promulgated by  
Order R-5113, effective November 1, 1975."

*made*



*Secretary*  
(2) ~~Paragraph~~ Paragraph No. (1) on pages 2 and 3 of said Order No. R-2051-D is hereby corrected to read in its entirety as follows:

"(1) Effective November 1, 1975, the Temporary Special Rules and Regulations for the Bluit-Wolfcamp Gas Pool, promulgated by Order No. R-2051, as amended, are hereby rescinded and ~~the~~ *said* pool is placed under the 320-acre spacing Statewide Rules for gas pools in the state, *as they apply to*  
*Amendments* *320-acre spacing as promulgated by Division Order No. R-5113,*  
(3) The ~~provisions~~ set forth in this order be entered *made*  
nunc pro tunc as of July 29, 1988. *effective*  
*Novemb.*  
*1, 1975.*

DONE at Santa Fe, New Mexico, on this \_\_\_\_\_ day of August, 1988.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

William J. LeMay  
Director

S E A L

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

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

Mr. Ernest L. Padilla  
Padilla & Snyder  
Attorneys at Law  
Post Office Box 2523  
Santa Fe, New Mexico

Re: CASE NO. 2355  
ORDER NO. R-2051-D-1

Applicant:

OCD (H. L. Brown, Jr.)

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

Sincerely,

Florence Davidson

FLORENE DAVIDSON  
OC Staff Specialist

Copy of order also sent to:

Hobbs OCD       x        
 Artesia OCD       x        
 Aztec OCD

Other \_\_\_\_\_

PADILLA & SNYDER

ATTORNEYS AT LAW

200 W. MARCY, SUITE 212

P.O. BOX 2523

SANTA FE, NEW MEXICO 87504-2523

(505) 988-7577

ERNEST L. PADILLA  
MARY JO SNYDER

FAX 988-7592  
AREA CODE 505

August 11, 1988

Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

ATTN.: MICHAEL STOGNER  
Petroleum Engineer


Re: Case No. 2355 (Reopened); Order No. R-2051-D

Dear Mr. Stogner:

Enclosed please find our draft of Nunc Pro Tunc Order to clarify the Order as originally drafted. You may recall our recent telephone conversation wherein we discussed the applicability of pertinent portions of statewide Rule 104 on how the original might be construed to provide for 160-acre spacing.

Should you have any questions, please let me know.

Very truly yours,



Ernest L. Padilla

ELP:crk

Enclosure as stated

cc: H. L. Brown, Jr.  
Attn.: Jim Shawl  
W/Encl.

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

CASE NO. 2355 (Reopened)  
Order No. R-2051-D-1

IN THE MATTER OF CASE 2355  
BEING REOPENED ON THE MOTION  
OF THE OIL CONSERVATION DIVISION  
AND PURSUANT TO THE PROVISIONS OF  
ORDER NO. R-2051, AS AMENDED,  
WHICH ORDER PROMULGATED TEMPORARY  
SPECIAL RULES AND REGULATIONS FOR THE  
BLUITT-WOLFCAMP GAS POOL IN ROOSEVELT  
COUNTY, NEW MEXICO, INCLUDING A  
PROVISION FOR 320-ACRE SPACING UNITS.

NUNC PRO TUNC ORDER

BY THE DIVISION:

It appearing to the Division that Order No. R-2051-D,  
dated July 29, 1988, does not clearly and explicitly state  
the intended order of the Division,

IT IS THEREFORE ORDERED THAT:

(1) Finding Paragraph No. (13) on page 2 of Division  
Order No. R-2051-D is hereby amended to read in its entirety  
as follows:

"(13) In order to prevent the economic loss  
caused by drilling an excessive number of wells, to  
avoid the augmentation of risk arising from the drill-  
ing of an excessive number of wells, and to otherwise  
prevent waste and protect correlative rights the  
Temporary Special Rules and Regulations for the Bluit-  
t-Wolfcamp Gas Pool should be rescinded and said pool  
should be governed by the Statewide Rules for gas pools  
in the State, as they apply to 320-acre spacing as  
promulgated by Order No. R-5113, made effective November  
1, 1975."

(2) Decretory Paragraph No. (1) on pages 2 and 3 of  
said Order No. R-2051-D is hereby corrected to read in its  
entirety as follows:

"(1) Effective November 1, 1975, the Temporary  
Special Rules and Regulations for the Bluit-Wolfcamp  
Gas Pool, promulgated by Order No. R-2051, as amended,  
are hereby rescinded and said pool is placed under

-2-

Case No. 2355 (Reopened)  
Order No. R-2051-D-1

Statewide Rules for gas pools in the state, as they apply to 320-acre spacing as promulgated by Division Order No. R-5113, made effective November 1, 1975."

(3) The amendments set forth in this order be entered nunc pro tunc as of July 29, 1988.

DONE at Santa Fe, New Mexico, on this 23rd day of August, 1988.



S E A L

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

*William J. Lemay*  
WILLIAM J. LEMAY  
Director

fd/

ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION



August 1, 1988

Mr. Ernest L. Padilla  
Padilla & Snyder  
Attorneys at Law  
P. O. Box 2523  
Santa Fe, New Mexico

Re: CASE NO. 2355 (Reopened)  
ORDER NO. R-2051-D

Applicant:

OCD (H. L. Brown, Jr.)

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

Florence Davidson

FLORENE DAVIDSON  
OC Staff Specialist

Copy of order also sent to:

Hobbs OCD	<u>x</u>
Artesia OCD	<u>x</u>
Aztec OCD	

Other

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE No. 2355 (Reopened)  
ORDER NO. R-2051-D

IN THE MATTER OF CASE 2355 BEING  
REOPENED ON THE MOTION OF THE OIL  
CONSERVATION DIVISION AND PURSUANT  
TO THE PROVISIONS OF ORDER NO.  
R-2051, AS AMENDED, WHICH ORDER  
PROMULGATED TEMPORARY SPECIAL RULES  
AND REGULATIONS FOR THE BLUITT-WOLFCAMP  
GAS POOL IN ROOSEVELT COUNTY, NEW MEXICO,  
INCLUDING A PROVISION FOR 320-ACRE SPACING  
UNITS.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:00 a.m. on August 28, 1985, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 29th day of July, 1988, the Division Director, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

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

(2) By Order No. R-5113, made effective November 1, 1975, Rules 104 B.I.(a) and 104 C.II(a) of the Division's Statewide Rules and Regulations were amended to establish 320-acre spacing and well location requirements for the Wolfcamp formation in Southeastern New Mexico.

(3) Prior to November 1, 1975 spacing in the Wolfcamp formation was on 160 acres, unless otherwise provided for by Special Pool Rules.

(4) By Order No. R-2051, dated August 29, 1961, the Oil Conservation Commission created, defined, and promulgated temporary special rules and regulations for the Bluit-Wolfcamp Gas Pool in Roosevelt County, New Mexico, including a provision for 320-acre gas spacing and proration units.

(5) By Order Nos. R-2051-A and R-2051-B, said temporary rules were continued in full force and effect until September 1, 1964.

(6) By Order No. R-2051-C, dated August 11, 1964, based on a finding that only one well had been connected in the subject pool since 1961, the Commission again continued the temporary status for said Special Pool Rules until six months after a second well in the pool was connected to a pipeline.

(7) In November 1964, the H.L. Brown, Jr. Federal "A" No. 1 located 990 feet from the South and East lines (Unit P) of Section 33, Township 7 South, Range 37 East, NMPM, Roosevelt County, New Mexico, was the second well to be connected to a gas pipeline in the pool.

(8) Subsequent to this connection, the operator failed in its obligation to abide by the provisions of R-2051-C.

(9) This error was not found by the Division until mid-1985 whereby this case was reopened to allow the operators in the subject pool to appear and show cause why the subject pool should not be developed on 160-acre spacing.

(10) At the time of the August 28, 1985 hearing the subject pool had been developed by 14 wells (including the two original wells) and spaced on 320-acre gas proration units.

(11) A representative for H.L. Brown, Jr., an applicant in original Case No. 2355, appeared at the hearing and presented evidence and testimony in support of the continuation of 320-acre spacing for the subject pool.

(12) The evidence presented established that one well in the subject pool can efficiently and economically drain and develop 320 acres.

(13) In order to prevent the economic loss caused by drilling an excessive number of wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells and to otherwise prevent waste and protect correlative rights the Temporary Special Rules and Regulations for the Bluit-Wolfcamp Gas Pool should be rescinded and said pool should be governed by the Statewide Rules for gas pools in the State, effective November 1, 1975.

IT IS THEREFORE ORDERED THAT:

(1) Effective November 1, 1975, the Temporary Special Rules and Regulations for the Bluit-Wolfcamp Gas Pool, promulgated by

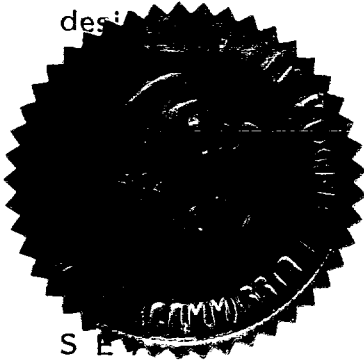


Case No. 2355 (Reopened)  
Order No. R-2051-D  
Page No. 3

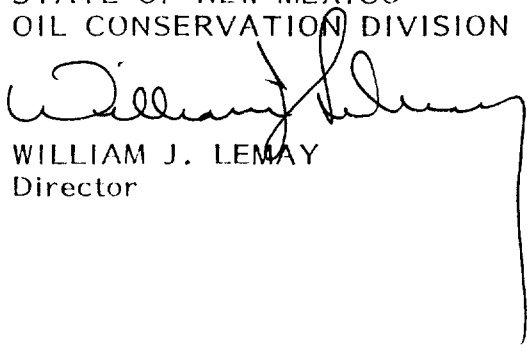
Order No. R-2051, as amended, are hereby rescinded and the pool is placed under the Statewide Rules for gas pools in the state.

(2) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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



STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
WILLIAM J. LEMAY  
Director

[illegible][illegible]

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE No. 2355  
Order No. R-2051

APPLICATION OF H. L. BROWN, JR.  
AND CLEM E. GEORGE FOR ESTABLISH-  
MENT OF SPECIAL RULES AND REGULA-  
TIONS FOR THE BLUITT-WOLFCAMP GAS  
POOL, ROOSEVELT COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 9, 1961, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 29th day of August, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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 the applicants, H. L. Brown, Jr. and Clem E. George, seek the establishment of Special Rules and Regulations in the Bluit-Wolfcamp Gas Pool, Roosevelt County, New Mexico, including a provision for 320-acre units in said pool.
- (3) That the evidence available at this time indicates that it may be uneconomical to drill wells in said pool on 160-acre units.
- (4) That development of the subject pool will be encouraged by development on 320-acre units.
- (5) That this case should be reopened in August, 1962, at which time the applicants should be permitted to appear, and, by pressure interference tests or such other tests as may be conducted, show cause why the subject pool should not be developed on 160-acre units.

IT IS THEREFORE ORDERED:

(1) That Temporary Special Rules and Regulations for the Bluit-Wolfcamp Gas Pool, Roosevelt County, New Mexico, are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS  
FOR THE  
BLUIT-WOLFCAMP GAS POOL

RULE 1. Each well completed or recompleted in the Wolfcamp formation within one mile of the boundary of the Bluit-Wolfcamp Gas Pool and not nearer to nor within the boundaries of another designated Wolfcamp gas pool, shall be drilled, spaced, and produced in accordance with the special rules and regulations hereinafter set forth.

RULE 2. (a) Each well completed or recompleted in the Bluit-Wolfcamp Gas Pool shall be located on a tract consisting of approximately 320 acres comprising any two contiguous quarter sections of a single governmental section, being a legal subdivision (half section) of the United States Public Lands Survey. For purposes of these rules, a unit consisting of between 316 and 324 surface contiguous acres shall be considered a standard unit.

(b) The Secretary-Director shall have authority to grant an exception to Rule 2 (a) without notice and hearing where an application has been filed in due form and where the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Lands Survey, or where the following facts exist and the following provisions are complied with:

(1) The non-standard unit consists of contiguous quarter-quarter sections or lots.

(2) The non-standard unit lies wholly within a single governmental section.

(3) The entire non-standard unit may reasonably be presumed to be productive of gas from the Bluit-Wolfcamp Gas Pool.

(4) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the section in which any part of the non-standard unit is situated and which acreage is not included in said non-standard unit.

(5) In lieu of Paragraph 4 of this Rule, the applicant may furnish proof of the fact that all of the aforesaid

operators were notified by registered mail of his intent to form such non-standard unit. The Secretary-Director may approve the application if, after a period of 30 days, no such operator has entered an objection to the formation of such non-standard unit.

RULE 3. (a) Each well completed or recompleted in the Bluitt-Wolfcamp Gas Pool shall be located no nearer than 990 feet to the outer boundary of the quarter section nor nearer than 330 feet to any governmental quarter-quarter section line.

(b) The Secretary-Director shall have authority to grant exceptions to Rule 3 (a) without notice and hearing where an application therefor has been filed in due form and the necessity for the unorthodox location is based on topographical conditions or is occasioned by the recompletion of a well previously drilled to another horizon.

Applicants shall furnish all offset operators and all operators within the section in which the subject well is located a copy of the application to the Commission and shall stipulate to the Commission that proper notice has been furnished to all such operators. The Secretary-Director may approve the application if, after a period of 20 days, no offset operator has entered an objection to the proposed unorthodox location.

(2) That this case shall be reopened in August, 1962, at which time the applicants may appear and show cause why the subject pool should not be developed on 160-acre units.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

S E A L

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

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE No. 2355  
Order No. R-2051-A

APPLICATION OF H. L. BROWN, JR.  
AND CLEM E. GEORGE FOR ESTABLISH-  
MENT OF SPECIAL RULES AND REGULA-  
TIONS FOR THE BLUITT-WOLFCAMP GAS  
POOL, ROOSEVELT COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 29, 1962, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 4th., day of September, 1962, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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 by Order No. R-2051, entered in Case No. 2355 on August 29, 1961, temporary Special Rules and Regulations were promulgated for the Bluit-Wolfcamp Gas Pool, Roosevelt County, New Mexico.

(3) That this case was reopened pursuant to Order No. R-2051 to allow the applicants to show cause why the subject pool should not be developed on 160-acre units.

(4) That the evidence establishes that it will be uneconomical to drill wells in the subject pool on 160-acre units in the immediate future.

(5) That the evidence establishes that continued development of the subject pool will be encouraged by development on 320-acre units and that such development will not cause waste or impair correlative rights.

CASE No. 2355  
Order No. R-2051-A

(6) That the evidence is insufficient to justify more than a temporary extension of Order No. R-2051.

(7) That Order No. R-2051-A should continue in full force and effect and that this case should be reopened in August, 1963, at which time the applicants should be permitted to appear, and, by pressure interference tests or such other tests as may be conducted, show cause why the subject pool should not be developed on 160-acre units.

IT IS THEREFORE ORDERED:

(1) That the temporary Special Rules and Regulations for the Bluit-Wolfcamp Gas Pool, Roosevelt County, New Mexico, promulgated by Order No. R-2051 shall remain in full force and effect until September 1, 1963.

(2) That this case shall be reopened in August, 1963, at which time the applicants may appear and show cause why the subject pool should not be developed on 160-acre units.

(3) 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



EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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

S E A L

esr/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE No. 2355 (Reopened)  
Order No. R-2051-B

APPLICATION OF H. L. BROWN, JR.  
AND CLEM E. GEORGE FOR ESTABLISH-  
MENT OF SPECIAL RULES AND REGULA-  
TIONS FOR THE BLUITT-WOLFCAMP GAS  
POOL, ROOSEVELT COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 21, 1963, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 29th day of August, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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 by Order No. R-2051 entered in Case 2355 on August 29, 1961, temporary special rules and regulations were promulgated for the Bluitt-Wolfcamp Gas Pool, Roosevelt County, New Mexico.

(3) That by Order No. R-2051-A entered September 4, 1962, said temporary rules were extended until September 1, 1963.

(4) That this case was reopened pursuant to Order No. R-2051-A to allow the applicants to show cause why the subject pool should not be developed on 160-acre units.

(5) That the evidence in this hearing and in the previous hearings establishes that it will be uneconomical to drill wells in the subject pool on 160-acre units in the immediate future.



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CASE No. 2355 (Reopened)  
Order No. R-2051-B

and that continued development of the subject pool will be encouraged by development on 320-acre units and that such development will not cause waste nor impair correlative rights.

(6) That the evidence is insufficient to justify more than a further temporary extension of Order No. R-2051.

(7) That Order No. R-2051-B should continue in full force and effect and that this case should be reopened in August, 1964, at which time the applicants should be permitted to appear and, by pressure interference tests or other tests as may be conducted, show cause why the subject pool should not be developed on 160-acre units.

IT IS THEREFORE ORDERED:

(1) That the temporary special rules and regulations for the Bluitt-Wolfcamp Gas Pool, Roosevelt County, New Mexico, promulgated by Order No. R-2051 shall remain in full force and effect until September 1, 1964.

(2) That this case shall be reopened in August, 1964, at which time the applicants may appear and show cause why the subject pool should not be developed on 160-acre units.

(3) 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

JACK M. CAMPBELL, Chairman

E. S. WALKER, Member

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

S E A L

esr/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE No. 2355  
Order No. R-2051-C

APPLICATION OF H. L. BROWN, JR.  
AND CLEM E. GEORGE FOR ESTABLISH-  
MENT OF SPECIAL RULES AND REGULA-  
TIONS FOR THE BLUITT-WOLFCAMP GAS  
POOL, ROOSEVELT COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 5, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 11th day of August, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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 by Order No. R-2051, dated August 29, 1961, temporary Special Rules and Regulations were promulgated for the Bluit-Wolfcamp Gas Pool, Roosevelt County, New Mexico.

(3) That by Orders No. R-2051-A and R-2051-B, said temporary rules were continued in full force and effect until September 1, 1964.

(4) That pursuant to the provisions of Order No. R-2051-B, this case was reopened to allow the operators in the subject pool to appear and show cause why the Bluit-Wolfcamp Gas Pool should not be developed on 160-acre units.

(5) That in 1961 one well in the subject pool was connected to a pipeline and that no additional wells have subsequently been connected.

(6) That the operators in the subject pool will not be able to gather sufficient reservoir information to establish the area that can be efficiently and economically drained and developed by one well until additional wells have been connected to a pipeline.

(7) That the temporary Special Rules and Regulations promulgated by Order No. R-2051 should remain in full force and effect until six months after the next pipeline connection in order to allow the operators in the pool to gather additional reservoir information.

(8) That the operator of the next well connected to a pipeline in the Bluitt-Wolfcamp Gas Pool should notify the Commission in writing of such fact, and that the Commission should thereupon issue a supplemental order designating an exact date for reopening this case.

IT IS THEREFORE ORDERED:

(1) That the Special Rules and Regulations governing the Bluitt-Wolfcamp Gas Pool promulgated by Order No. R-2051 are hereby continued in full force and effect until six months after the next pipeline connection in said pool.

(2) That the operator of the next well connected to a pipeline in the Bluitt-Wolfcamp Gas Pool shall notify the Commission in writing of such fact and that the Commission will thereupon issue a supplemental order designating an exact date for reopening this case.

(3) 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

JACK M. CAMPBELL, Chairman

S E A L

E. S. WALKER, Member

ssr/

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

**BLUITT-WOLFCAMP GAS POOL**  
Roosevelt County, New Mexico

Order No. R-1611, February 26, 1960, Establishing Pool, as Amended by Order No. R-2119, December 1, 1961; Order No. R-3681, March 1, 1969; Order No. R-5063, July 1, 1975; Order No. R-5215, June 1, 1976; Order No. R-5456, July 1, 1977; Order No. R-5626, February 1, 1978; Order No. R-6211, January 1, 1980; Order No. R-6838, December 1, 1981; Order No. R-7193, February 1, 1983.

T-7-S, R-37-E W/2 Sec. 27; E/2 Sec. 28; E/2 Sec. 32; Sec. 33; NW/4, SE/4 Sec. 34.

T-8-S, R-37-E E/2 Sec. 3; Sec. 4; E/2 Sec. 5; N/2 Sec. 9; E/2, SW/4 Sec. 10; NW/4 Sec. 11.

**BUFFALO VALLEY-SAN ANDRES POOL**  
Chaves County, New Mexico

Order No. R-1611, February 26, 1960, Establishing Pool.

Pool abolished by Order No. R-1681, May 20, 1960.

**CORBIN-ABO POOL**  
Lea County, New Mexico

Order No. R-1611, February 26, 1960, Establishing Pool, as Amended by Order No. R-1749, August 18, 1960; Order No. R-1840, January 1, 1961; Order No. R-1878, March 1, 1961; Order No. R-2101, November 1, 1961; Order No. R-2292, August 1, 1962; Order No. R-2338, November 1, 1962; Order No. R-2393, January 1, 1963; Order No. R-2469, May 1, 1963; Order No. R-4995, May 1, 1975; Order No. R-5063, July 1, 1975; Order No. R-5215, June 1, 1976.

T-17-S, R-32-E SE/4 Sec. 26; NE/4 Sec. 35; N/2 Sec. 36.

T-17-S, R-33-E N/2 Sec. 31; N/2, SE/4 Sec. 32; Sec. 33; W/2, SE/4 Sec. 34; S/2 Sec. 35.

T-18-S, R-33-E NW/4 Sec. 1; N/2 Sec. 2.

**NORTH HACKBERRY YATES-SEVEN RIVERS POOL**  
(Formerly North Hackberry-Yates Pool)  
Eddy County, New Mexico

Order No. R-1611, February 26, 1960, Establishing Pool, as Amended by Order No. R-1652, April 19, 1960; Order No. R-1720, July 15, 1960; Order No. R-1772, September 16, 1960; Order No. R-1999, July 1, 1961; Order No. R-2119, December 1, 1961; Order No. R-2172, February 1, 1962; Order No. R-2201, April 1, 1962; Order No. R-2292, August 1, 1962; Order No. R-2313, October 1, 1962; Order No. R-2363, December 1, 1962; Order No. R-2427, March 1, 1963; Order No. R-2552, September 1, 1963; Order No. R-2651, March 1, 1964; Order No. R-2692, May 1, 1964; Order No. R-2870, March 1, 1965; Order No. R-2985, November 1, 1965; Order No. R-3438, July 1, 1968; Order No. R-7785, February 1, 1985.

T-19-S, R-30-E E/2 Sec. 23; W/2, SE/4, S/2 NE/4 Sec. 24; E/2 Sec. 25; E/2 Sec. 36.

T-19-S, R-31-E SW/4, SE/4 NW/4 Sec. 17; S/2 Sec. 19; W/2 SE/4 Sec. 20; N/2, SW/4 Sec. 21; NW/4 NW/4 Sec. 28; NW/4, N/2 & SE/4 NE/4, N/2 & SW/4 SW/4 Sec. 29; Sec. 30; NW/4 NW/4 Sec. 31; N/2 N/2 Sec. 32.

**NORTH SQUARE LAKE GRAYBURG-SAN ANDRES POOL**  
Eddy and Lea Counties, New Mexico

Order No. R-1611, February 26, 1960, Establishing Pool, as Amended by Order No. R-1749, August 18, 1960; Order No. R-1824, November 21, 1960; Order No. R-2034, August 1, 1961; Order No. R-2062, October 1, 1961; Order No. R-2119, December 1, 1961; Order No. R-2172, February 1, 1962; Order No. R-2201, April 1, 1962; Order No. R-2292, August 1, 1962; Order No. R-2410, February 1, 1963; Order No. R-2620, January 1, 1964; Order No. R-7334, September 1, 1983; Order No. R-7351, October 1, 1983; Order No. R-7555, July 1, 1984; Order No. R-7708, November 1, 1984; Order No. R-7758, January 1, 1985.

T-16-S, R-31-E SW/4 Sec. 2; S/2 Sec. 3; N/2 & SW/4 SE/4, Lot 24, SW/4 Sec. 4; Lots 13, 14, S/2 Sec. 5; Lots 9, 10, 15, 16, S/2 Sec. 6; N/2 Sec. 8; Secs. 9, 10, 11; NW/4 Sec. 14; NE/4 Sec. 15.

**WEST TEAS YATES-SEVEN RIVERS POOL**  
Lea County, New Mexico

Order No. R-1586, January 27, 1960, Establishing Pool, as Amended by Order No. R-1681, May 20, 1960; Order No. R-1907, April 1, 1961; Order No. R-2578, November 1, 1963; Order No. R-2857, February 1, 1965.

T-20-S, R-33-E S/2 SW/4 Sec. 9; W/2, SE/4, W/2 NE/4 Sec. 16.

**WEST TURKEY TRACK POOL**  
(SEVEN RIVERS)  
(Abandoned)  
Eddy County, New Mexico

Order No. R-93, September 20, 1951, Establishing Pool.

T-19-S, R-29-E SW/4 NE/4, SE/4 NW/4, NE/4 SW/4, NW/4 SE/4 Sec. 5.

## II. San Juan, Rio Arriba, and Sandoval Counties

### (a) Wildcat Gas Wells

In San Juan, Rio Arriba, and Sandoval Counties, a wildcat well which is projected to a gas-producing horizon shall be located on a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section, being a legal subdivision of the U.S. Public Land Surveys, and shall be located not closer than 790 feet to any outer boundary of the tract nor closer than 130 feet to any quarter-quarter section or subdivision inner boundary.

In the event oil production is encountered in a well which was projected to a gas-producing horizon and which is located accordingly but does not conform to the oil well location rule below, it shall be necessary for the operator to bring the matter to a hearing before approval for the production of oil can be given.

### (b) Wildcat Oil Wells

A wildcat well which is projected to an oil-producing horizon as recognized by the Division shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of square which is a legal subdivision of the U.S. Public Land Surveys, or on a governmental quarter-quarter section or lot, and shall be located not closer than 330 feet to any boundary of such tract.

In the event gas production is encountered in a well which was projected to an oil-producing horizon and which is located accordingly but does not conform to the above gas well location rules, it shall be necessary for the operator to bring the matter to a hearing before approval for the production of gas can be given.

## III. All counties except Lea, Chaves, Eddy, Roosevelt, San Juan, Rio Arriba, and Sandoval

Any wildcat well which is projected as an oil well in any county other than Lea, Chaves, Eddy, Roosevelt, San Juan, Rio Arriba, and Sandoval shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of a square which is a legal subdivision of the U. S. Public Land Surveys, or on a governmental quarter-quarter section or lot and shall be located not closer than 330 feet to any boundary of such tract.

Any wildcat well which is projected as a gas well to a formation and in an area which, in the opinion of the Division representative approving the application to drill, may reasonably be presumed to be productive of gas rather than oil shall be located on a drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section, being a legal subdivision of the U. S. Public Land Surveys, and shall be located not closer than 660 feet to any other boundary of such tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary.

## C. ACREAGE AND WELL LOCATION REQUIREMENTS FOR DEVELOPMENT WELLS

### I. Oil Wells, All Counties

Unless otherwise provided in special pool rules, each development well for a defined oil pool shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of square which is a legal subdivision of the U.S. Public Land Surveys, or on a governmental quarter-quarter section or lot, and shall be located not closer than 330 feet to any boundary of such tract nor closer than 330 feet to the nearest well drilling to or capable of producing from the same pool, provided however, only tracts committed to active secondary recovery projects shall be permitted more than four wells.

## II. Gas Wells

### (a) Lea, Chaves, Eddy, and Roosevelt Counties

Unless otherwise provided in special pool rules, each development well for a defined gas pool in a formation younger than the Wolfcamp formation, or in the Wolfcamp formation which was created and defined by the Division prior to November 1, 1975, or in a Pennsylvanian age or older formation which was created and defined by the Division prior to June 1, 1964, shall be located on a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section being a legal subdivision of the U.S. Public Land Surveys, and shall be located not closer than 660 feet to any outer boundary of such tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary nor closer than 1320 feet to the nearest well drilling to or capable of producing from the same pool.

Unless otherwise provided in the special pool rules, each development well for a defined gas pool in the Wolfcamp formation which was created and defined by the Division after November 1, 1975, or of Pennsylvanian age or older which was created and defined by the Division after June 1, 1964, shall be located on a designated drilling tract consisting of 320 surface contiguous acres, more or less, comprising any two contiguous quarter sections of a single governmental section, being a legal subdivision of the U.S. Public Land Surveys. Any such well having more than 160 acres dedicated to it shall be located not closer than 660 feet to the nearest side boundary of the dedicated tract nor closer than 1980 feet to the nearest end boundary nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary. (For the purpose of this rule, "side" boundary and "end" boundary are as defined in Section B I(a) of this rule.)

1984

## CONTINUED BLACK RIVER ATOKA, EAST (GAS)

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WELL S T R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC 1984	PROD HP	ACCU
STATE 88 1H1524S27E GAS OIL WAT	3526	1954	271	132	16	896	218	542	714	78 1172			82497 1175	195989 1118
COMPANY TOTAL	17910 61	10846 13	5953 9	5031 1	6922 1	6092 2	6670 2	5888 8	5864 1	78 1172	4120	4318	85003 1272	443950 250

## BLACK RIVER BUNE SPRINGS NE (GAS) BS 5M TO 6M

THE DESANA CORP.  
STATE 88  
1K3223S27E GAS

BLACK RIVER MURKOW (GAS)

PM 12M TO 13M

AMUCO PRODUCTION CO.

STATE 88 GAS COM

1C1224S27E GAS

OIL

WAT

1H1524S27E GAS

OIL

WAT

SMITH 10 COM

1C1024S27E GAS

OIL

WAT

SMITH 11 COM

1C1124S27E GAS

OIL

WAT

COMPANY TOTAL

STATE 88 GAS COM

1K1224S26E GAS

OIL

WAT

BLUETT SAN ANDRES, NORTH (GAS)

SA 0M TO 5M

BELMONT PETROLEUM CORP.

HULLY 77 FEDERAL

1J277S37E GAS

BLUETT WOLF CAMP (GAS)

WC 8M TO 9M

H L BROWN, JR.

FEDERAL 1A33 7537E GAS

OIL

WAT

FEDERAL A 1P33 7537E GAS

OIL

WAT

FEDERAL B 1J 4 8537E GAS

OIL

WAT

FEDERAL C 1C 4 8537E GAS

OIL

WAT

FEDERAL D 1C 9 8537E GAS

OIL

WAT

FEDERAL E 1L34 7537E GAS

OIL

WAT

FEDERAL F 1L 3 8537E GAS

OIL

WAT

FEDERAL G 1D 3 8537E GAS

OIL

WAT

FEDERAL H 1I 5 8537E GAS

OIL

WAT

FEDERAL J 1G10 7537E GAS

OIL

WAT

FEDERAL K 1O34 7537E GAS

OIL

WAT

H L PERKINS 1D10 8537E GAS

OIL

WAT

COMPANY TOTAL

LAYTON ENTERPRISES INC.

KIRKPATRICK FEDERAL

8E11 8537E GAS

OIL

WAT

SUN EXPLORATION &amp; PRODUCTION CO.

BLUETT STATE COM

1I32 7537E GAS

OIL

WAT

BOOTLEG RIDGE MURKOW (GAS)

PM 14M TO 15M

POGO PRODUCING CO.

FEDERAL EBR 1L1725S33E GAS

OIL

WAT

NBR 1J1825S33E GAS

OIL

WAT

ZFI825S33E GAS

OIL

WAT

COMPANY TOTAL

STATE 88 GAS COM

1K1224S26E GAS

OIL

WAT

BLUETT SAN ANDRES, NORTH (GAS)

SA 0M TO 5M

BELMONT PETROLEUM CORP.

HULLY 77 FEDERAL

1J277S37E GAS

BLUETT WOLF CAMP (GAS)

WC 8M TO 9M

H L BROWN, JR.

FEDERAL 1A33 7537E GAS

OIL

WAT

FEDERAL A 1P33 7537E GAS

OIL

WAT

FEDERAL B 1J 4 8537E GAS

OIL

WAT

FEDERAL C 1C 4 8537E GAS

OIL

WAT

FEDERAL D 1C 9 8537E GAS

OIL

WAT

FEDERAL E 1L34 7537E GAS

OIL

WAT

FEDERAL F 1L 3 8537E GAS

OIL

WAT

FEDERAL G 1D 3 8537E GAS

OIL

WAT

FEDERAL H 1I 5 8537E GAS

OIL

WAT

FEDERAL J 1G10 7537E GAS

OIL

WAT

FEDERAL K 1O34 7537E GAS

OIL

WAT

H L PERKINS 1D10 8537E GAS

OIL

WAT

COMPANY TOTAL

LAYTON ENTERPRISES INC.

KIRKPATRICK FEDERAL

8E11 8537E GAS

OIL

WAT

SUN EXPLORATION &amp; PRODUCTION CO.

BLUETT STATE COM

1I32 7537E GAS

OIL

WAT

BOOTLEG RIDGE MURKOW (GAS)

PM 14M TO 15M

POGO PRODUCING CO.

FEDERAL EBR 1L1725S33E GAS

OIL

WAT

NBR 1J1825S33E GAS

OIL

WAT

ZFI825S33E GAS

OIL

WAT

COMPANY TOTAL

STATE 88 GAS COM

1K1224S26E GAS

OIL

WAT

BLUETT SAN ANDRES, NORTH (GAS)

SA 0M TO 5M

BELMONT PETROLEUM CORP.

HULLY 77 FEDERAL

1J277S37E GAS

BLUETT WOLF CAMP (GAS)

WC 8M TO 9M

H L BROWN, JR.

FEDERAL 1A33 7537E GAS

OIL

WAT

FEDERAL A 1P33 7537E GAS

OIL

WAT

FEDERAL B 1J 4 8537E GAS

OIL

WAT

FEDERAL C 1C 4 8537E GAS

OIL

WAT

FEDERAL D 1C 9 8537E GAS

OIL

WAT

FEDERAL E 1L34 7537E GAS

OIL

WAT

FEDERAL F 1L 3 8537E GAS

OIL

WAT

FEDERAL G 1D 3 8537E GAS

OIL

WAT

FEDERAL H 1I 5 8537E GAS

OIL

WAT

FEDERAL J 1G10 7537E GAS

OIL

WAT

FEDERAL K 1O34 7537E GAS

OIL

WAT

H L PERKINS 1D10 8537E GAS

OIL

WAT

COMPANY TOTAL

LAYTON ENTERPRISES INC.

KIRKPATRICK FEDERAL

8E11 8537E GAS

OIL

WAT

SUN EXPLORATION &amp; PRODUCTION CO.

BLUETT STATE COM

1I32 7537E GAS

OIL

WAT

BOOTLEG RIDGE MURKOW (GAS)

PM 14M TO 15M

POGO PRODUCING CO.

FEDERAL EBR 1L1725S33E GAS

OIL

WAT

NBR 1J1825S33E GAS

OIL

WAT

ZFI825S33E GAS

OIL

WAT

COMPANY TOTAL

STATE 88 GAS COM

1K1224S26E GAS

OIL

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SA 0M TO 5M

BELMONT PETROLEUM CORP.

HULLY 77 FEDERAL

1J277S37E GAS

BLUETT WOLF CAMP (GAS)

WC 8M TO 9M

H L BROWN, JR.

FEDERAL 1A33 7537E GAS

OIL

WAT

FEDERAL A 1P33 7537E GAS

OIL

WAT

FEDERAL B 1J 4 8537E GAS

OIL

WAT

FEDERAL C 1C 4 8537E GAS

OIL

WAT

FEDERAL D 1C 9 8537E GAS

OIL

WAT

FEDERAL E 1L34 7537E GAS

OIL

WAT

FEDERAL F 1L 3 8537E GAS

OIL

WAT

FEDERAL G 1D 3 8537E GAS

OIL

WAT

FEDERAL H 1I 5 8537E GAS

OIL

WAT

FEDERAL J 1G10 7537E GAS

OIL

WAT

FEDERAL K 1O34 7537E GAS

OIL

WAT

H L PERKINS 1D10 8537E GAS

OIL

WAT

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WAT

COMPANY TOTAL

STATE 88 GAS COM

1K1224S26E GAS

OIL

WAT

BLUETT SAN ANDRES, NORTH (GAS)

SA 0M TO 5M

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