## JAMES BRUCE Attorney at Law Post Office Box 1056 Santa Fe, New Mexico 87504 Telephone: (505) 982-2043 Fax: (505) 982-2151

### FAX COVER SHEET

.

DELIVER TO: Florene Davidson

COMPANY: Oil Conservation Division

CITY: Santa Fe, New Mexico

FAX NUMBER: 827-8177

NUMBER OF PAGES: 6 (Including Cover Sheet)

DATE SENT: 7/27/99

MEMO:

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July 27, 1999

<u>Via Fax</u>

Florene Davidson Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

Dear Florene:

Enclosed are an application for compulsory pooling, together with a proposed advertisement, filed on behalf of Mewbourne Oil Company. Please set this matter for the August 19, 1999 hearing. I will hand deliver the originals to you tomorrow. Thank you.

Very truly yours,

James Bruce Attorney for Mewbourne Oil Company

JAMESBRUCE

### BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF MEWBOURNE OIL COMPANY FOR COMPULSORY POOLING AND A NON-STANDARD GAS SPACING AND PRORATION UNIT, EDDY COUNTY, NEW MEXICO.

No.\_\_\_\_\_

### APPLICATION

Mewbourne Oil Company applies for an order pooling all mineral interests from the surface to the base of the Morrow formation underlying Lots 3, 4, E½SW¼, and the SE¼ (S½ equivalent) of Section 18, Township 17 South, Range 29 East, N.M.P.M., Eddy County, New Mexico, and forming a non-standard gas spacing and proration unit, and in support thereof, states:

1. Applicant is a working interest owner in the S½ of Section 18, and has the right to drill a well thereon.

2. Applicant proposes to drill its Empire "18" State Com. Well No. 1, at an unorthodox gas well location 1650 feet from the south line and 990 feet from the east line of the section,<sup>1</sup> to a depth sufficient to test the Morrow formation (approximately 10,800 feet subsurface), and seeks to dedicate the following acreage to the well:

(a) The S½ of Section 18 for all pools or formations spaced on 320 acres, including the Undesignated Empire-Atoka Gas Pool and the South Empire-Morrow Gas Pool, to form a non-standard gas spacing and proration unit comprising 293.96 acres; and
(b) The SE¼ of Section 18 for all pools or formations spaced on 160 acres, to form a standard 160 acre gas spacing and

<sup>&</sup>lt;sup>1</sup>The location was approved by Division Administrative Order NSL-4319.

proration unit.

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the 5% of Section 18 for the purposes set forth herein.

4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all mineral interest owners in the 5½ of Section 18, pursuant to NMSA 1978 §70-2-17 (1996 Supp.).

5. The pooling of all mineral interests underlying the 5% of Section 18, as set forth above, will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, Applicant requests that, after notice and hearing, the Division enter its order:

A. Pooling all mineral interests in the S½ of Section 18, as set forth above, from the surface to the base of the Morrow formation;

B. Designating applicant as operator of the well;

C. Considering the cost of drilling and completing the well, and allocating the cost thereof among the well's working interest owners;

D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting said rates as provided in the COPAS accounting procedure;

-2-

JAMESBRUCE

E. Setting a penalty for the risk involved in drilling and completing the well in the event a working interest owner elects not to participate in the well; and

F. Granting such further relief as the Division deems proper.

Respectfully submitted,

James Bruce Post Office Box 1056 Santa Fe, New Mexico 87504 (505) 982-2043

Attorney for Mewbourne Oil Company

JAMESBRUCE

### PROPOSED ADVERTISEMENT

Application of Mewbourne Oil Company for compulsory Case : pooling and a non-standard gas spacing and proration unit, Eddy County, New Mexico. Applicant seeks an order pooling all mineral interests from the surface to the base of the Morrow formation underlying the following described acreage in Section 18, Township 17 South, Range 29 East, NMPM, and in the following manner: Lots 3, 4, E%SW%, and SE% (S% equivalent) to form a non-standard 293.96acre gas spacing and proration unit for any formations and/or pools developed on 320-acre spacing within said vertical extent, including the Undesignated Empire Atoka-Gas Pool and South Empire-Morrow Gas Pool; and the SE% to form a standard 160-acre gas spacing and proration unit for any formations and/or pools developed on 160-acre spacing within said vertical extent. Said units are to be dedicated to applicant's Empire "18" State Com. Well No. 1, located 1650 feet from the south line and 990 feet from the east line (Unit I) of said Section 18. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for the risk involved in drilling and completing the well. Said unit is located approximately 8 miles west-northwest of Loco Hills, New Mexico.

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oil conservation division 2040 South Pachego Street

Santa Fe, New Mexico 87505 (505) 827-7131

June 28, 1999

Mewbourne Oil Company c/o James Bruce P. O. Box 1056 Santa Fe, New Mexico 87504 Telefax No. (505) 982-2151

Administrative Order NSL-4319

Dear Mr. Bruce:

Reference is made to your application dated June 8, 1999 on behalf of the operator, Mewbourne Oil Company, for its proposed Empire "18" State Com. Well No. 1 to be drilled at an unorthodox Morrow gas well location 1650 feet from the South line and 990 feet from the East line (Unit I) of Section 18, Township 17 South, Range 29 East, NMPM, Eddy County, New Mexico.

Lots 3 and 4, the E/2 SW/4, and the SE/4 (S/2 equivalent) of Section 18, being a standard 293.96acre lay-down gas spacing and proration unit for the South Empire-Morrow Gas Pool, is to be dedicated to this well.

The geologic interpretation submitted with this application indicates that a well drilled at the proposed unorthodox gas well location will be at a more favorable geologic position within the Morrow formation than a well drilled at a location considered to be standard within the SE/4 of Section 18.

The application has been duly filed under the provisions of New Mexico Oil Conservation Division ("Division") Rule 104.F.

By the authority granted me under the provisions of Division Rule 104.F(2), the above-described unorthodox gas well location is hereby approved.

Sincerely,

Lori Wrotenbery Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Artesia New Mexico State Land Office - Santa Fe U. S. Bureau of Land Management - Carlsbad

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DISTRICT I P.A. Box 1980, Hobbs, MM 88240 State of New Mexico

Energy, Minerals and Natural Resources Departs.

DISTRICT II P.O. Drawer DD, Artesia, NM 55210

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

# OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

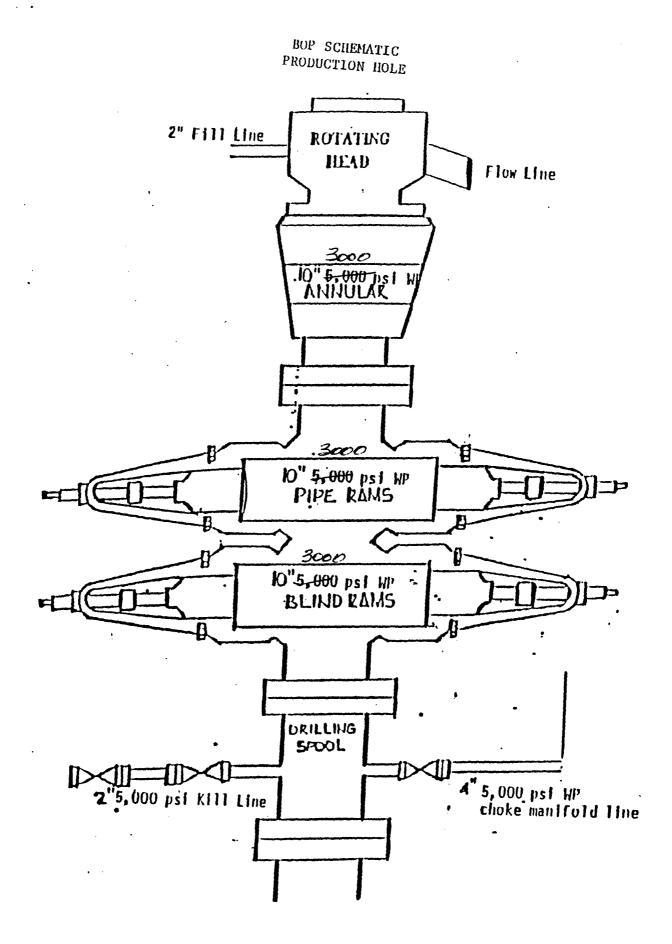
C AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code API Number Pool Name South Jire. lorrou **Property** Code Property Na Well Number EMPIRE 18" STATE Lom 1 Elevation OGRID No. **Operator** Name Unile MEWBOURNE OIL COMPANY 3644 Surface Location UL or lot No. Feet from the North/South line Feet from the East/West line Section Township Range Lot Idn County .....

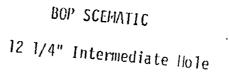
1	18	175	29E		1650	SOUTH	990	EAST	EDDY
			Bottom	Hole Loo	cation If Diffe	rent From Sur	face		
UL or lot No.	Section	Township	p Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acre	Joint o	r Infill	Consolidation (	ode Or	der No.			• • • • • • • • • • • • • • • • • • •	
370									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

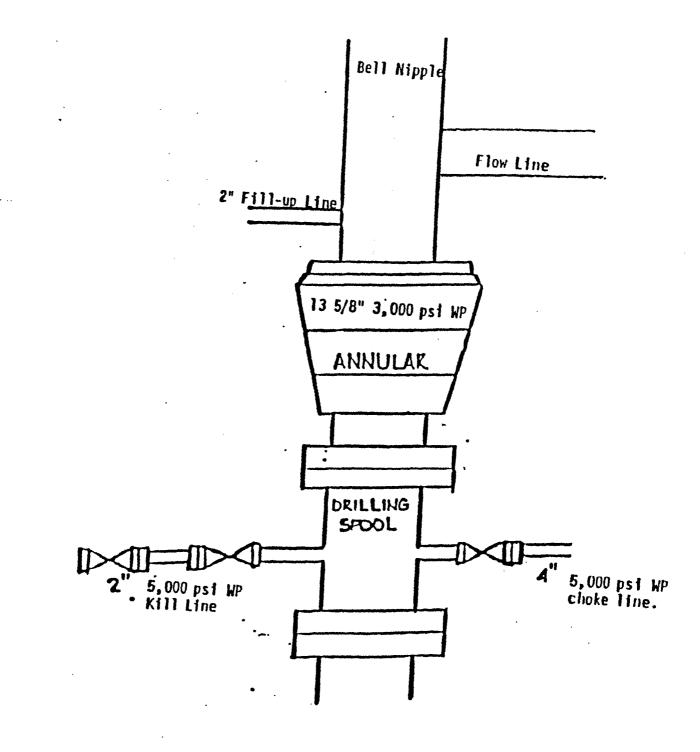
· · · ·			· · · · · · · · · · · · · · · · · · ·
			OPERATOR CERTIFICATION
			I hereby certify the the information
			contained herein is true and complete to the best of my knowledge and belief.
			Anha //
			Stend antine
			Signature Steve Mathews
			Steve Mathews
			Printed Name
			Dr.G. supt.
			Title
			5-36-99
			Date
			SURVEYOR CERTIFICATION
			I hereby certify that the well location shown
			on this plat was plotted from field notes of
			actual surveys made by ma or under my
			supervison, and that the same is true and correct to the best of my bolisf.
	•		
		р <del></del> 990' <del></del> -	1/19/99
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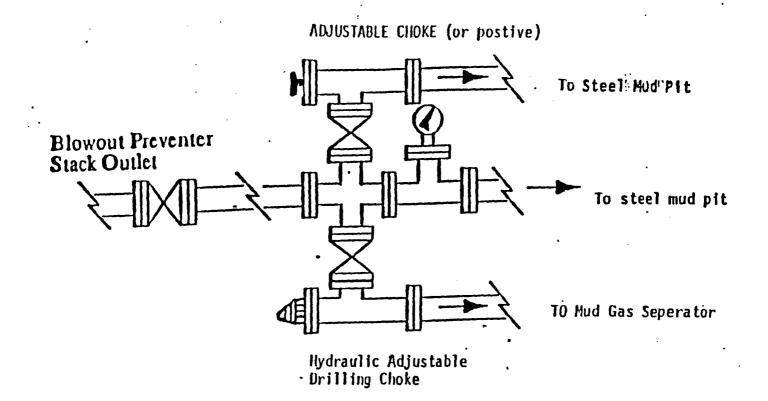


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# CHOKE MANIFOLD

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(5,000 psi upstream WP)



CMD : OG5SECT Sec : 18 Twp : 17S	ONGARD INQUIRE LAND Rng : 29E Section	BY SECTION	07/28/99 08:53:44 OGOMES -TPSI PAGE NO: 1
1	C	В	A
26.69	40.00	40.00	40.00
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26.81	40.00	40.00	40.00
Federal owned	Federal owned	Federal owned	Federal owned
PF01 HELP PF02 PF07 BKWD PF08 FW		F04 GoTo PF05 F10 SDIV PF11	PF06 PF12

Page: 1 Document Name: untitled

CMD : OG5SECT Sec : 18 Twp : 17S	ONGARD INQUIRE LAND B Rng : 29E Section		07/28/99 08:53:52 OGOMES -TPSI PAGE NO: 2
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			V05082 0000 05/02
Federal owned	Federal owned	Federal owned	SOUTHWEST ROYALTI
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PF01 HELP PF02	PF03 EXIT PH	F04 GoTo PF05	PF06
PF07 BKWD PF08 FWI	O PF09 PRINT PH	F10 SDIV PF11	PF12

· 97 293.96 91,86%

Date: 7/28/99 Time: 09:00:53 AM

Page: 1 Document Name: untitled

ONGARD INQUIRE WELL COMPLETIONS ONGARD CMD : 07/28/99 08:54:25 OG6IWCM OGOMES - TPSI API Well No : 30 15 23209 Eff Date : 02-15-1994 WC Status : A Pool Idn : 76400 EMPIRE; MORROW, SOUTH (GAS) OGRID Idn : 17643 PHILLIPS PETROLEUM CO Prop Idn : 9098 GREEN B FEDERAL Well No : 010 GL Elevation: 99999 U/L Sec Township Range North/South East/West Prop/Act(P/A) B.H. Locn : G 18 17S 29E FTG 1980 F N FTG 2310 F E A Lot Identifier: Dedicated Acre: 320.00 Lease Type : F Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) : M0025: Enter PF keys to scroll

PF01 HELPPF02PF03 EXITPF04 GoToPF05PF06PF07PF08PF09PF10 NEXT-WCPF11 HISTORYPF12 NXTREC

Date: 7/28/99 Time: 09:01:26 AM

CMD : OG6ACRE		ONGA C102-DEDIC	RD ATE ACREAGE		07/28/99 08:54:11 OGOMES -TPSE Page No : 1
Pool Idn Prop Idn Spacing Unit	: 76400 EM : 9098 G : 14915 C ; :		SOUTH (GAS) L	Simultan	Well No : 010 eous Dedication: C102? (Y/N) :
	S Base	U/L Sec Twp	Rng Acreage	L/W Ow:	nership Lot Idn
	D E	B       18       17S         C       18       17S         F       18       17S         G       18       17S         H       18       17S         1       18       17S	29E       40.00         29E       26.69         29E       26.81	N N N N N	FD FD FD FD
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### SOUTH CARTER-SAN ANDRES POOL Lea County, New Mexico

Order No. R-1012, Adopting Rules for the South Carter-San Andres Pool, Lea County, New Mexico, June 10, 1957.

Special allowable not subject to market demand factor assigned. Order No. R-4348, September 1, 1972 (see Section I).

Application of Great Western Drilling Company for an Order Promulgating Permanent Pool Rules for the South Carter-San Andres Pool in Lea County, New Mexico, for the Purpose of Establishing the Allowable for Said Pool.

> **CASE NO. 1257** Order No. R-1012

### ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 o'clock a.m. on May 16, 1957, at Hobbs, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 10th day of June, 1957, the Commission, a quorum being present, having considered the application, and the evidence adduced 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 Commission did, by Order R-691, create and define the South Carter-San Andres Pool in Lea County, New Mexico, said pool being classified as an oil pool for the production of oil from the San Andres formation with the following horizontal limits:

> Township 18 South, Range 39 East, N.M.P.M. Section 8: N/2

(3) That the South Carter-San Andres Pool in Lea County, New Mexico, is contiguous with the Carter-New Mexico (San Andres) Field in Gaines County, Texas, and that drainage across the state line will result if production allowables in that portion of the common source of supply lying within the State of New Mexico are not commensurate with production allow-ables in that portion of the common source of supply lying within the State of Texas. (4) That the Commission should each month establish a

top unit allowable for the South Carter-San Andres Pool in Lea County, New Mexico, said allowable to be effective from 7 o'clock a.m. Mountain Standard Time on the first day of the first succeeding month until 7 o'clock a.m. Mountain Standard Time of the first day of the next succeeding month. In fixing the allowable for the aforesaid South Carter-San Andres Pool, the Commission may consider, among other things, the current month's production allowable for non-marginal forty-acre units producing from that portion of the common source of supply lying outside the State of New Mexico. (5) That the establishment of the normal unit allowable for

the South Carter-San Andres Pool in Lea County, New Mexico, in the above-described manner will be in the best interests of conservation, will provide for the recovery of oil in an efficient manner, and will prevent waste and protect correlative rights. IT IS THEREFORE ORDERED:

(1) That the application of Great Western Drilling Company for an order promulgating special pool rules for the South Carter-San Andres Pool in Lea County, New Mexico, be and the same is hereby approved.

(2) That the vertical limits of the South Carter-San Andres Pool shall consist of the San Andres formation, and the horizontal limits of said pool shall be that area described in Exhibit "A" attached hereto and made a part hereof. IT IS FURTHER ORDERED:

That special pool rules applicable to the South Carter-San and res Pool in Lea County, New Mexico, be and the same are hereby promulgated as follows:

# SPECIAL RULES AND REGULATIONS FOR THE SOUTH CARTER-SAN ANDRES POOL

(1) Prior to the first day of each month hereafter, the Commission shall establish, for the following proration month, a special forty-acre top unit allowable for the South Carter-San Andres Pool in Lea County, New Mexico, to be effective at 7 o'clock a.m. Mountain Standard Time on the first day of each proration month.

(2) In establishing said special allowable for the ensuing proration month, the Commission may consider, among other things, the total current production allowable assigned to fortyacre non-marginal wells in the Carter-New Mexico (San Andres) Field in Gaines County, Texas. DONE at Santa Fe, New Mexico, on the day and year here-

inabove designated.

EXHIBIT "A"

Horizontal limits of the South Carter-San Andres Pool: Township 18 South, Range 39 East, N.M.P.M. Section 8: N/2

### EMPIRE-PENNSYLVANIAN GAS POOL Eddy County, New Mexico

Order No. R-391, Adopting Rules for the Empire-Pennsylvanian Gas Pool, Eddy County, New Mexico, November 25, 1953.

The Matter of the Application of Stanolind Oil and Gas Company for a Temporary Order Establishing Uniform 320-acre Spacing Pattern and 320-acre Proration Units in the Common Source of Supply Discovered in Stanolind's State 'AB', Well No. 1, NW/4 SE/4 Section 29, Township 17 South, Range 28 East, NMPM, Eddy County, New Mexico.

Party to pool Boo

CASE NO. 601 Order No. R-391

TEMPORARY ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 o'clock a.m. on October 28, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 25th day of November, 1953, the Commission, a quorum being present, having considered the testimony adduced and 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.

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### (LM 'IRE-PENNSYLVANIAN GAS POOL - Cont'd.)

(2 That a common source of supply of gas was discovered by he Stanolind Oil and Gas Company's No. 1, State 'AB', loc; ed 1980 feet from the South and East lines of Section 29, Township 17 South, Range 28 East, NMPM, Eddy County, New Me co; the well being completed at a plugged-back depth of 10 70 feet through casing perforations 10,102 to 10,127 in a pointial of 3 million cubic feet of gas per day.

J) That geological and engineering data now available to t Commission indicate that one well will apparently drain 20 acres, and that this common source of supply should be ueveloped on 320-acre proration units for a period of 18 months from date of entry of this order, or until five wells shall have been completed, whichever date is sooner.

(4) That the common source of supply discovered by the aforementioned well should be designated as the Empire-Pennsylvanian Gas Pool, and should cover the following described area in Eddy County, New Mexico:

Township 17 South, Range 28 East, NMPM S/2 Section 19, S/2 Section 20, S/2 Section 21, S/2 Section 22, All Sections 27 through 34, incl.

Township 18 South, Range 28 East, NMPM N/2 Section 3, N/2 Section 4, N/2 Section 5, N/2 Section 6

(5) That certain rules should be adopted to adequately protect fresh water zones in the area, and the shallow oil-producing horizons now productive in the Empire, Red Lake and Artesia Pools.

(6) That operators in the pool should submit certain geological and engineering data upon completion of each well in the pool.

### IT IS THEREFORE ORDERED:

That the application of Stanolind Oil and Gas Company be, and the same hereby is in part approved, as follows:

(1) That a new pool be, and the same hereby is created, designated for gas production, denominated the Empire-Pennsylvanian Pool, Eddy County, New Mexico, and described as follows:

> Township 17 South, Range 28 East, NMPM S/2 Section 19, S/2 Section 20, S/2 Section 21, S/2 Section 22, All Sections 27 through 34, incl.

> Township 18 South, Range 28 East, NMPM N/2 Section 3, N/2 Section 4, N/2 Section 5, N/2 Section 6

(2) That effective on the date of this order, the following rules and regulations shall apply to wells hereafter drilled, completed or recompleted in the Empire-Pennsylvanian Gas Pool, defined herein, in addition to the Commission's applicable rules, regulations and orders heretofore or hereafter adopted to the extent not in conflict herewith:

### SPECIAL POOL RULES EMPIRE-PENNSYLVANIAN GAS POOL

SEC. A. No well shall be drilled or completed or recompleted, and no Notice of Intention to Drill or drilling permit shall be approved, unless,

(a) Such well be located on a designated drilling unit of not less than 320 acres of land, more or less, according to legal subdivision of the United States Land Surveys, in which unit all the interests are consolidated by pooling agreement or otherwise and on which no other well is completed, or approved for completion, in the pool; (b) Such drilling unit be in the shape of a rectangle except for normal variations in legal subdivisions of the United States Land Surveys, the north half, south half, east half or west half of each section of land constituting a drilling unit;

(c) Such well shall be located 990 feet from the outer boundary of either the northwest or southeast quarter of the section, subject to variation of 200 feet for topographic conditions. Further tolerance shall be allowed by the Commission only in cases of extremely rough terrain, where compliance would necessarily increase drilling costs.

SEC. B. Proration Units: The proration unit shall consist of 320 acres or a legal United States Land Office Survey halfsection, and the approximate 320 acre unit shall follow the usual legal subdivision of the General Land Office Section Surveys.

(a) The pooling of properties of parts thereof shall be permitted, and if not agreed upon may be required in any case when and to the extent that the smallness or shape of a separately owned tract would, under the enforcement of the uniform spacing plan of proration units, otherwise deprive or tend to deprive the owner of such tract of the opportunity to recover his just and equitable share of the natural gas in the pool; provided that the owner of any tract that is smaller than the drilling unit establishment for the field shall not be deprived of the right to drill on and produce from such tract if same can be done without waste; but in such case the allowable production from such tract, as compared with the allowable production therefrom if such tract were a full unit, shall be in the ratio of such tract to the area of a full unit of 320 acres.

### SEC. C. Casing and Cementing Program

(a) Surface Pipe: The surface pipe shall be set through all shallow potable water-bearing beds, and a sufficient amount of cement shall be used to circulate the cement behind the pipe to the bottom of the cellar.

(b) Intermediate String: The intermediate string of casing shall be set through the shallow oil-producing beds in the area, and in no event shall be set higher than the top of the San Andres formation and a sufficient amount of cement used to circulate the cement to the base of the surface casing.

(c) Production String: The production string shall be set no higher than the top of the producing formation, and a sufficient amount of cement shall be used to circulate the cement to a point above the top of the Wolfcamp producing formation encountered in the area at an approximate depth of 7000 feet. An alternate cementing method may be employed using a twostage tool, provided that the method is satisfactory to the District Oil and Gas Inspector.

### SEC. D. Geological and Engineering Data

(a) Upon completion of each well within the defined limits of the Empire-Pennsylvanian Gas Pool, each operator shall submit to the District Office of the Commission at Artesia two copies of either an electric log or sample log showing thereon the estimated formation tops as encountered in the well. In the event that the producing formation is cored in the well and a core analysis made, two copies of this analysis shall also be submitted to the Commission.

PROVIDED, HOWEVER, That the above rules and regulations shall remain in full force and effect for a period of at least 18 months, or until five wells are drilled to the producing formation of the Empire-Pennsylvanian Pool.

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