STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE. NEW MEXICO 87504 (505) 827-5800

August 30, 1990

Nearburg Producing Company c/o Campbell & Black, P.A. P.O. Box 2208 Santa Fe, NM 87504-2208

Attention: William F. Carr

Case 10166

Administrative Order NSL-2855

Dear Mr. Carr:

Reference is made to your application on behalf of Nearburg Producing Company dated August 24, 1990 for a non-standard oil well location for your Western "F" Well No. 1 to be located 2130 feet from the North and West lines (Unit F) of Section 17, Township 16 South, Range 37 East, NMPM, Northeast Lovington Pennsylvanian Pool, Lea County, New Mexico. The S/2 NW/4 of said Section 17 shall be dedicated to the well forming a standard 80-acre oil spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 5 of the Special Rules and Regulations for the Northeast Lovington Pennsylvanian Pool, as promulgated by Division Order No. R-3816, as amended, the above-described unorthodox oil well location is hereby approved.

Sincerely,

William J. LeMay

Director

WJL/MES/ag

cc: Oil Conservation Division - Hobbs
NM State Land Office - Santa Fe

CONDITIONS OF APPROVAL

State of New Mexico

Form C-103

to Appropriate Energy, Minerals and Natural Resources Department Revised 1-1-89 DISTRICT II
DISTRICT II
DISTRICT II
DISTRICT II
DISTRICT II District Office WELL API NO. 30-025-30987 Santa Fe, 35w Mexico 87504-2088 P.O. Drawer DD, Artesia, NM, 88210 DCT 2? 5. Indicate Type of Lease STATE X FEE 1000 Rio Brazos Rd., Aztec, NM 87410 6. State Oil & Gas Lease No. SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: WELL Western 17F State GAS WELL X OTHER 2. Name of Operator 8. Well No. **Nearburg Producing Company** 3. Address of Operator 9. Pool name or Wildcat P. O. Box 823085, Dallas, Texas 75382-3085 Lovington-Pennsylvanian, Northeast 4. Well Location : 2130 Feet From The _ 2130 north west _ Feet From The __ Line and 17 Range Section **NMPM** County Township 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3837.7' GR Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK **ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS** PLUG AND ABANDONMENT COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JOB X **PULL OR ALTER CASING** OTHER: OTHER: 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103. Spudded well @ 1:30 PM (MST), 8/31/90. Drilled 17-1/2" hole to 397'. Ran 9 jts (400.81') 48#, 13-3/8" casing. Cemented with 425 sx Class C. Circulated 08/31/90 25 sx. WOC 16 hours. Tested casing to 1000# for 30 minutes, held OK. Drilled 11" hole to 4400'. Ran 1 jt (44.30') 32#, 60 jts (2401.32') 28#, and 45 jts (1967.55') 24#, 8-5/8" casing. Cemented with 1400 sx Pacesetter Lite and 200 sx Class C 09/07/90 Neat. Test casing to 1500# for 30 minutes, held OK. Drilled 7-7/8" hole te 11.770' TD. I hereby certify that the information above is true and complete to the best of my knowledge and belief. mme Production Secretary _ DATE ___10/3/90_ SIGNATURE Machelle Byrum TYPE OR PRINT NAME TELEPHONE NO. 214/739-1778 (This space for State Use) DISTRICT 1 SUPERVISOR DATE APPROVED BY

FIELD ZOV	rington-Pennsylvanian, Northeast	COUNTY _		Lea		occ	NUM	BER
OPERATOR _	Nearburg Producing Company	ADDRESS _	P. 0.	Вох	31405,	Dallas,	TX	75231-040
LEASE	Western 17-F		· · · - ·			WELL N	ю	1
SURVEY	2130' FNL & 2130' FWL, Sec. 17,	T-16-S, R-	37-E	 -				
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	874		3/4					
	1,354		3/4	•				
	1,850		1/2					
	2,143		1/2					
	2,640		1/2					
	3,144		3/4					
	3,613		1/2					
	3,842	2						
	4,094		3/4					
	4,400	2						
	4,706		3/4					
35	5,168		1/4					
6	5,510		3/4					
\sim	6,010		1/4					
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	6,791		3/4					
22	7,290		3/4					
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	9,701	3						
	9,795		3/4					
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		BY: Wal	ter Fr	eder	ickson,	Vice Pre	sid	ent
Swor	n and subscribed to before me the							
5±h	day ofOctober							

Submit to Appropriate District Office State Lease — 6 copies Fee Lease — 5 copies	ONSER ON DIVIS	IVIDICIAIS AND IVANUAL IVE	xico sources Department		Form C-101 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobby MA	HAMPIOCY AMILY	P.O. Box 2088 P.O. Box 2088 anta Fe, New Mexico	N DIVISION	API NO. (assigned by OC 30-02 5. Indicate Type of Leas	5-30987
P.O. Drawer DD, Artesia, I DISTRICT III 1000 Rio Brazos Rd., Azte					TATE X FEE
		O DRILL, DEEPEN, O	R PLUG BACK	///////////////////////////////////////	
la. Type of Work:				7. Lease Name or Unit A	Agreement Name
b. Type of Well:	L X RE-ENTER	DEEPEN	PLUG BACK		
MEIT X MEIT GYZ	OTHER	SINGLE ZONE [X ZONE	Western 17F	State
2. Name of Operator Nearburg Pro	ducing Company			8. Well No.	÷
3. Address of Operator	· · · · · · · · · · · · · · · · · · ·	9. Pool name or Wildcat			
	.405, Dallas, Te	xas 75231-0405		Lovington-Pennsyl	vanian, Northeast
4. Well Location Unit Letter	2,130 Feet Fr	om The north	Line and 2,13	O Feet From The	west Line
		 			Line
Section 1	.7 Townst	nip 16S Rans	_{se} 37E	_{IMPM} Lea	County
		10. Proposed Depth	//////////////////////////////////////	//////////////////////////////////////	12. Rotary or C.T.
		12,200'		trawn	Rotary
13. Elevations (Show wheth	er DF, RT, GR, etc.)	4. Kind & Status Plug. Bond	15. Drilling Contractor	16. Approx.	Date Work will start
3,837.7' GR		Blanket	Hondo Drill		2/90
		OPOSED CASING AN		· · · · · · · · · · · · · · · · · · ·	
SIZE OF HOLE 17-1/2"	SIZE OF CASING 13-3/8"	WEIGHT PER FOOT 48#	SETTING DEPTH	SACKS OF CEMENT	**
11"	9-5/9"	24 & 32#	350 ' 4,200 '	400 1.500	Circulate Tie into surface
7-7/8"	5-1/2"	17 & 20#	11,800'	550	9,700' suring
will be run	and casing se	o evaluate the St t if the evaluat tablish productio	tion is positi	ve. Perforate	ning TD, logs e, test, and
ZONE. GIVE BLOWOUT PREVI	enter Program, if any. Institute above is true and complete Ul Sump	AM: PPROPOSAL IS TO DEEPEN to the best of my knowledge and b		nalyst _D	ATE 8/17/90
TYPE OR PRINT NAME	Mildred Simpkin	<u>S</u>		TE	ELEPHONE NO. 214/739-1778
(This space for State Use)	7	\circ	z '		

APPROVED BY DISTRICT 1 SUFE, VISOR AUG 2 U 1990
CONDITIONS OF APPROVAL, IF ANY: Approved for drilling only—well cannot be produced until unorthodox

Tocation has been approved.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

District Office State Latte - 4 copies

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Sama Fe, New Mexico 87504-2088

DISTRICT II F.O. Down DO, Armin, NM \$5210

DETERCT! P.O. Box 1980, Hobbs, NW \$8240

DISTRICT III 1000 Rio Branca Rd., Amer., NSA 87410

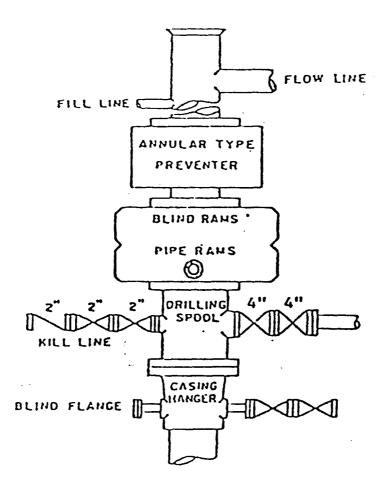
WELL LOCATION AND ACREAGE DEDICATION PLAT

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BLOWOUT PREVENTER SKETCH
Nearburg Producing Company

WESTERN 17F STATE WELL NO. 1



900 SERIES

Sec. Township No. 16 South of Range No. 37 East	Sec. 17	ownship No. 16 South	of Range No. 37 East
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S.L 2130 FNINL	1880 1846 18.11.6 2300 446	
2		

- (PRAIRIE, SOUTH-CISCO AND ALLISON, MIDDLE-PENNSYLVANIAN (ORDER NO. R-3806) POOLS -Cont'd.)
- (4) That the NW/4 of said Section 28 should not be deleted from the South Prairie-Cisco Pool.
- (5) That the Middle Allison-Pennsylvanian Pool should be extended to include all of said Section 29, the SE/4 of said Section 30, and the N/2 of said Section 32.
- (6) That the deletion and extensions as described in Findings (3) and (5) above will not violate correlative rights nor cause waste.

IT IS THEREFORE ORDERED:

(1) That the horizontal limits of the South Prairie-Cisco Pool, Roosevelt County, New Mexico, are hereby contracted by the deletion therefrom of the following-described area:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM Section 29: NE/4

(2) That the horizontal limits of the Middle Allison-Pennsylvanian Pool, Lea and Roosevelt Counties, New Mexico, are hereby extended to include therein the following-described area:

ROOSEVELT COUNTY, NEW MEXICO TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM

Section 29: All Section 30: SE/4 Section 32: N/2

- (3) That the location of any well which, by virtue of this extension, is presently drilling to or completed in the Middle Allison-Pennsylvanian Pool or in the Bough "C" zone of the Pennsylvanian formation within one mile thereof is hereby approved; that the operator of any such well having an unorthodox location shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before August 15, 1969.
- (4) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of this extension, is subject to the Middle Allison-Pennsylvanian of this extension, is subject to the Middle Allison-Pennsylvanian Pool rules providing for 160-acre spacing or proration units, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating 160 acres to said well or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable. cellation of allowable.
- 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.

NORTHEAST LOVINGTON-PENNSYLVANIAN POOL Lea County, New Mexico

Order No. R-3816, Creating and Adopting Temporary Operating Rules for the Northeast Lovington-Pennsylvanian Pool, Lea County, New Mexico, September 1, 1969.

Order No. R-3816-A, August 21, 1970, makes permanent the rules adopted in Order R-3816.

Application of Pennzoil United, Inc., for Special Pool Rules, Lea County, New Mexico.

CASE NO. 4172 Order No. 3816

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on August 6, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 14th day of August, 1969, 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 the applicant, Pennzoil United, Inc., seeks the promulgation of special rules and regulations for the East Lovington-Pennsylvanian Pool, Lea County, New Mexico, including a provision for 80-acre oil proration units.
- (3) That the reservoir information presently available indicates that the horizontal limits of the East Lovington-Pennsylvanian Pool, as presently designated, encompass more than one separate common source of supply.
- That the horizontal limits of the East Lovington-Pennsylvanian Pool should, in order to prevent waste and protect correlative rights, be contracted by deleting the following-described lands in Lea County, New Mexico:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM Section 16: SW/4 Section 17: SE/4

Section 18: SE/4

All NE/4 and S/2 NW/4 All Section 19: Section 20:

Section 21: Section 29:

N/2 N/2, SW/4 NW/4, SW/4, and W/2 SE/4 N/2 and N/2 S/2 N/2 SW/4 and SE/4 SW/4 Section 31:

Section 32: Section 33:

(LOVINGTON, NORTHEAST-PENNSYLVANIAN POOL -Cont'd.)

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM Section 4: NE/4, E/2 NW/4, and SW/4 NW/4 Section 5: S/2 N/2

(5) That in order to prevent waste and protect correlative rights, a new pool in Lea County, New Mexico, classifled as an oil pool for Pennsylvanian production should be created and designated the Northeast Lovington-Pennsylvanian Pool, with vertical limits comprising the Pennsylvanian formation and horizontal limits comprising the following-described lands in Lea County, New Mexico:

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM Section 24: SE/4

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Section 16: SW/4 Section 17: SE/4 Section 18: SE/4

Section 19: All Section 20: NE/4 and S/2 Section 21: NW/4

- (6) That in order to prevent the economic loss caused by the drilling of unnecessary 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, temporary special rules and regulations providing for 80-acre spacing units should be promulgated for the Northeast Lovington-Pennsylvanian Pool.
- (7) That the temporary special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.
- (8) That the temporary special rules and regulations should be established for a one-year period in order to allow the operators in the subject pool to gather reservoir information to establish the area that can be efficiently and economically drained and developed by one well.
- (9) That this case should be reopened at an examiner hearing in August, 1970, at which time the operators in the subject pool should be prepared to appear and show cause why the Northeast Lovington-Pennsylvanian Pool should not be developed on 40acre spacing units.

IT IS THEREFORE ORDERED:

(1) That, effective September 1, 1969, the horizontal limits of the East Lovington-Pennsylvanian Pool, Lea County, New Mexico, are hereby contracted by the deletion therefrom of the following-described lands:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Section 16: SW/4 Section 17: SE/4 Section 18: SE/4

Section 19: All

NE/4 and S/2 Section 20:

Section 21: NW/4 Section 29: All

N/2 N/2, SW/4 NW/4, SW/4, and W/2 SE/4 Section 31:

N/2 and N/2 S/2 Section 32:

Section 33: N/2 SW/4 and SE/4 SW/4

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM Section 4: NE/4, E/2 NW/4, and SW/4 NW/4 Section 5: S/2 N/2

(2) That, effective September 1, 1969, a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated the Northeast Lovington-Pennsylvanian Pool, with vertical limits comprising the Pennsylvanian formation and horizontal limits comprising the following-described lands:

> TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM Section 24: SE/4

> TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Section 16: SW/4 Section 17: SE/4 SE/4 Section 18: Section 19: All

Section 20: NE/4 and S/2

Section 21: NW/4

(3) That effective September 1, 1969, temporary Special Rules and Regulations for the Northeast Lovington-Pennsylvanian Pool, Lea County, New Mexico, are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS FOR THE NORTHEAST LOVINGTON-PENNSYLVANIAN POOL

- RULE 1. Each well completed or recompleted in the Northeast Lovington-Pennsylvanian Pool or in the Pennsylvanian formation within one mile thereof, and not nearer to or within the limits of another designated Pennsylvanian oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.
- RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.
- RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a governmental quarter-quarter section or lot, or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the nonstandard unit within 30 days after the Secretary-Director has received the application.
- RULE 4. Each well shall be located within 150 feet of the center of a governmental quarter-quarter section or lot.
- RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the

(LOVINGTON, NORTHEAST-PENNSYLVANIAN POOL - Cont'd.)

proposed location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all operators offsetting the proposed locating or if no objection to the unorthodox location has been entered within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 6.67 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

IT IS FURTHER ORDERED:

- (1) That the locations of all wells presently drilling to or completed in the Northeast Lovington-Pennsylvanian Pool or in the Pennsylvanian formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before September 1, 1969.
- (2) That, pursuant to Paragraph A. of Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, existing wells in the Northeast Lovington-Pennsylvanian Pool shall have dedicated thereto 80 acres in accordance with the foregoing pool rules; or, pursuant to Paragraph C. of said Section 65-3-14.5, existing wells may have non-standard spacing or proration units established by the Commission and dedicated thereto.

Failure to file new Forms C-102 with the Commission dedicating 80 acres to a well or to obtain a non-standard unit approved by the Commission within 60 days from the effective date of this order shall subject the well to cancellation of allowable. Until said Form C-102 has been filed or until a non-standard unit has been approved, and subject to said 60-day limitation, each well presently drilling to or completed in the Northeast Lovington-Pennsylvanian Pool or in the Pennsylvanian formation within one mile thereof shall receive no more than one-half of a standard allowable for the pool.

- (3) That this case shall be reopened at an examiner hearing in August, 1970, at which time the operators in the subject pool may appear and show cause why the Northeast Lovington-Pennsylvanian Pool should not be developed on 40-acre spacing units.
- (4) 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.

WEIR-DRINKARD POOL (Gas-Oil Ratio) Lea County, New Mexico

Order No. R-4803, Adopting a Gas-Oil Ratio Rule for the Weir-Drinkard Pool, Lea County, New Mexico, July 1, 1974.

Application of Continental Oil Company for a Special Gas-Oil Ratio Limitation, Lea County, New Mexico.

CASE NO. 5243 Order No. R-4803

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 a.m. on May 22, 1974, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 4th day of June, 1974, 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 the applicant, Continental Oil Company, seeks, as an exception to Rule 506 of the Commission Rules and Regulations, a limiting gas-oil ratio of 10,000 cubic feet of gas per barrel of oil in the Weir-Drinkard Pool, Lea County, New Mexico.

(3) That the reservoir characteristics of the subject pool justify the establishment of a gas-oil limitation of 10,000 cubic feet of gas per barrel of liquid hydrocarbons.

(4) That in order to afford to the owner of each property in the Weir-Drinkard Pool the opportunity to produce his just and equitable share of the oil and gas in the subject pool and for this purpose to use his just and equitable share of the reservoir energy, a limiting gas-oil ratio of 10,000 cubic feet of gas per barrel of liquid hydrocarbons should be established for the pool.

IT IS THEREFORE ORDERED:

(1) That effective July 1, 1974, the limiting gas-oil ratio in the Weir-Drinkard Pool, Lea County, New Mexico, shall be 10,000 cubic feet of gas for each barrel of liquid hydrocarbons produced; that, effective July 1, 1974, each proration unit in the Weir-Drinkard Pool shall produce only that volume of gas equivalent to 10,000 multiplied by the top unit allowable for the pool.

the pool.
(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.