

*Case 1000*

John B Nunn, representing Sunset International  
Petroleum Corporation.....

The commission may have noted that El Paso Natural  
Gas Exhibit ~~###~~... the ownership map... reflects a  
substantial change from the ownership map presented at  
the October 15, 1958 hearing. This is the result of  
an acreage exchange which has been agreed upon to eliminate  
the checkerboard of 160 acre tracts that previously existed  
and to clear the way for 320 acre operations.

With the ownership problem solved Sunset International  
Petroleum Corporation is in a position to support 320 acre  
spacing.

We also concur in the granting of an exception to  
the order for the Weaver-Brown Section.

*deleted at Mr. Nunn's request*

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

March 3, 1959

Mr. Oliver Seth  
Seth, Montgomery, Federici & Andrews  
P.O. Box 828  
Santa Fe, New Mexico

Dear Mr. Seth:

On behalf of your client, El Paso Natural Gas Company, we enclose two copies of Order R-1287-A issued March 2, 1959, by the Oil Conservation Commission in Case 1599, which was heard on February 20th.

Very truly yours,

A. L. Porter, Jr.  
Secretary - Director

bp  
Encls.

*Duplicated copies of  
R-1287-A sent to:  
John Kunn, Sunset International  
Sea Verity  
Kingwood Oil Co.  
Guy Buell  
Three States Nat. Gas.  
Kirk Newman  
3-6-59  
BP*

BEFORE THE  
OIL CONSERVATION COMMISSION  
STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF  
EL PASO NATURAL GAS COMPANY FOR AN  
ORDER OF THIS COMMISSION ESTABLISHING  
320-ACRE DRILLING AND SPACING UNITS FOR  
THE GAS PRODUCING ZONES LYING BETWEEN  
THE BASE OF THE GREENHORN LIMESTONE OF  
CRETACEOUS AGE AND THE BASE OF THE  
PRODUCTIVE UPPER PORTION OF THE MORRISON  
SANDSTONE OF JURASSIC AGE, INCLUDING  
UNDIFFERENTIATED GRANEROS-DAKOTA SANDS  
AND DAKOTA MORRISON SANDS IN THE ANGELS  
PEAK DAKOTA GAS POOL SITUATED IN SAN  
JUAN COUNTY, NEW MEXICO, AND FOR THE  
PROMULGATION OF RULES AND REGULATIONS  
PERTAINING THERETO, AND FOR A REDETER-  
MINATION OF THE HORIZONTAL LIMITS OF  
THE ANGELS PEAK DAKOTA GAS POOL.

CASE NO. 1599  
ORDER NO. \_\_\_\_\_

A P P L I C A T I O N

Comes now El Paso Natural Gas Company, a Delaware corpora-  
tion, authorized to do business in the State of New Mexico,  
Applicant herein, and respectfully alleges and states as follows:

I

Heretofore, by Order No. R-13, as amended, this Commission  
has designated the Angels Peak Dakota Gas Pool located in San Juan  
County, New Mexico. There should be a determination as to what  
portions of the area presently designated as the Angels Peak  
Dakota Gas Pool are producing gas from the Dakota reservoir and  
whether the horizontal limits of said gas pool should be redeter-  
mined and more properly established.

II

Applicant is the owner of oil and gas leases covering  
lands located within the horizontal limits of said Angels Peak  
Dakota Gas Pool.

III

The gas productive sands lying below the base of the  
Greenhorn Limestone of Cretaceous Age and extending down to the

upper productive portion of the Morrison Formation of Jurassic Age constituting a common source of gas supply in which commingling of sand members and communication of the various members of sand deposits constitute a common gas reservoir.

#### IV

The study of geological and engineering data now available pertaining to the said sands indicates that one well will efficiently and economically drain the recoverable gas in place in these sands underlying an area of not less than 320 acres. A drilling and spacing unit for gas wells drilled to these sands would properly be composed of a one-half section according to U. S. Land Surveys, containing approximately 320 acres, in which unit all of the interests should be consolidated by pooling agreement or otherwise. No gas well should be drilled on such drilling unit on which another gas well has been completed or approved for completion in these sands.

5/24/1910

#### V

Said 320-acre drilling and spacing units should consist of two contiguous governmental quarter sections within a single section as designated by the operators thereof and the unit well should not be drilled closer than 990 feet from the boundary of either such governmental quarter section included in a unit; provided a tolerance of 200 feet be allowed, but all wells commenced prior to the date the Commission issues its order in this case and located on less than a 320-acre drilling and spacing unit and located closer than 990 feet to the boundary of a governmental quarter section should be recognized as exceptions to this order. The operator should be allowed to locate such unit well on any quarter section within such unit to permit maximum flexibility for the dual completion of such well with a shallower formation.

#### VI

The establishment of the drilling and spacing unit as herein requested is necessary for the orderly development of the

common source of supply in said Angels Peak Dakota Gas Pool as the same is now constituted or may later be extended. This will protect the correlative rights of all parties affected, will prevent waste, will eliminate drilling unnecessary wells and will promote the recovery of gas from said pool in an efficient and economical manner.

## VII

In the interest of conservation and for the protection of correlative rights, this Commission should promulgate rules and regulations governing the drilling and spacing of wells to the sands described.

WHEREFORE, Applicant respectfully requests that this matter be set for hearing after due notice as prescribed by law and upon such notice and hearing, the Commission issue its order establishing 320-acre drilling and spacing unit for said Angels Peak Dakota Gas Pool in the manner described herein and that the Commission promulgate special rules and regulations with respect thereto, and for a redetermination of the horizontal limits of said Angels Peak Dakota Gas Pool.

Garrett C Whitworth  
Attorney for El Paso Natural  
Gas Company

SETH, MONTGOMERY, FEDERICI & ANDREWS

BY: Charles Seth  
Attorneys for El Paso Natural  
Gas Company

J. O. SETH  
A. K. MONTGOMERY  
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SETH, MONTGOMERY, FEDERICI & ANDREWS  
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SANTA FE, NEW MEXICO

*Jan. 1959*  
*Reg*

POST OFFICE BOX 828  
TELEPHONE 3-7315

November 3, 1958

*Case 1599*

New Mexico Oil Conservation  
Commission  
State Capitol Building  
Santa Fe, New Mexico

Gentlemen:

Please find enclosed herewith an application by El Paso Natural Gas Company for 320 acre spacing in a Dakota reservoir in the Angels Peak Dakota Gas Pool. The application also requests a re-determination of the horizontal limits of this Pool.

It would be very much appreciated if this matter could be set down for hearing after the first of January, 1959. It is necessary that Mr. Howell undergo an operation next month, and he will not be able to handle the matter until some time in January.

Very truly yours,

*Oliver SETH*

OS/ih

Enclosures

*Docket Mailed  
2-5-59  
B P*

RECEIVED  
NOV 11 1958  
SANTA FE, N.M.

# ILLEGIBLE

CASE 1599:

*Docket 1599  
Angels Peak*

*Dark Mountain  
Ling Bush*

Application of El Paso Natural Gas Company for 320-acre spacing, promulgation of special rules and regulations and for a redetermination of the vertical limits of the Angels Peak-Dakota Gas Pool, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order establishing 320-acre spacing in the Angels Peak-Dakota Gas Pool in San Juan County, New Mexico, and for the promulgation of special rules and regulations for said pool. Applicant further seeks to change the vertical limits of the Angels Peak-Dakota Gas Pool to include the interval lying between the base of the Greenhorn limestone and the base of the upper productive portion of the Morrison formation.

CASE 1600:

Application of M. A. Romero and Robert Critchfield concerning the operation of gas prorationing in the Blanco Mesa-verde Gas Pool and the Choza Mesa-Pictured Cliffs Gas Pool in Rio Arriba County, New Mexico, and the ratable taking of gas from said pools.

CASE 1601:

Southeastern New Mexico nomenclature case calling for an order for the extension of existing pools in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico.

(a) Extend the Acme Pool to include:

TOWNSHIP 7 SOUTH, RANGE 27 EAST, NMPM  
Section 32: SE/4  
Section 33: SW/4

(b) Extend the North Allison-Pennsylvanian Pool to include:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM  
Section 35: NE/4

(c) Extend the Atoka-Pennsylvanian Gas Pool to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 15: SE/4

(d) Extend the Caprock-Queen Pool to include:

TOWNSHIP 14 SOUTH, RANGE 31 EAST, NMPM  
Section 29: E/2 NE/4

(e) Extend the West Henshaw-Grayburg Pool to include:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM  
Section 7: SE/4

(f) Extend the Justis-Ellenburger Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
Section 24: SW/4  
Section 25: NE/4

DOCKET: REGULAR HEARING FEBRUARY 18, 1959

Oil Conservation Commission 9 a.m., Mabry Hall, State Capitol, Santa Fe

- ALLOWABLE:**
- (1) Consideration of the oil allowable for March 1959
  - (2) Consideration of the allowable production of gas for March 1959 from six prorated pools in Lea County, New Mexico; also consideration of the allowable production of gas from seven prorated pools in San Juan and Rio Arriba Counties, New Mexico, for March 1959.

NEW CASES

CASE 1596: Application of El Paso Natural Gas Products Company for the establishment of two separate common sources of supply, for administrative procedure for dual completions, and for commingling of production from separate oil pools. Applicant, in the above-styled cause, seeks an order segregating the producing interval of the Gallup formation in the Horseshoe-Gallup Field, San Juan County, New Mexico, into two separate common sources of supply. Applicant further seeks the establishment of an administrative procedure for approval of wells dually completed in said common sources of supply utilizing a certain type of mechanical installation in exception to Rule 112 (A) of the Commission Rules and Regulations. Applicant further seeks permission to commingle the production from said separate pools after metering the production from each.

CASE 1597: Application of the Atlantic Refining Company for an order promulgating temporary special rules and regulations for the Horseshoe-Gallup Oil Pool in San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order promulgating temporary special rules and regulations for the Horseshoe-Gallup Oil Pool in San Juan County, New Mexico, to provide for 80-acre proration units in said pool.

CASE 1598: Application of Phillips Petroleum Company for an order establishing 80-acre spacing units in the Ranger Lake-Pennsylvanian Pool, Lea County, New Mexico, and for extension of the horizontal limits of said pool. Applicant, in the above-styled cause, seeks an order promulgating special rules and regulations for the Ranger Lake-Pennsylvanian Pool, Lea County, New Mexico, to provide for 80-acre spacing units. Applicant further seeks an order extending said pool to include the following described acreage: W/2 W/2 of Section 13; All of Sections 14, 15, 22, 23, 26, and 27; W/2 NW/4 and SW/4 SW/4 of Section 24; and W/2 W/2 of Section 25, all in Township 12 South, Range 34 East, Lea County, New Mexico.