

EPNG PRESSURE BUILD-UP TEST

TEST WELL DATA SOUTH BLANCO PICTURED CLIFFS Pool

Date Jan. 7, 1963

TEST WELL: Operator: El Paso Natural Gas Company Well Name & No. Jicarilla #8-E
 Location 2310 fr. N, 1363 fr. W lines, F Sec. 20 T. 25 N., R. 4 W.
 TD: 3395 Casing: 7" @ 3348 Tubing: 2" @ 3328
 Completed: November 8, 1954 First Delivery: December 31, 1957
 Pay Zone: Open Hole Interval: 3348-3395 or Perforations: _____
 Stimulation: Sand-oil frac.
 SIPC: 999 SIPT: _____ DAYS SI: 7
 I. P. Test: 3156 MCF, 3 hrs. _____ Choke: _____ MCF AOF thru tubing or casing
 Current Deliverability: 328 MCF, Date Tested: 1962

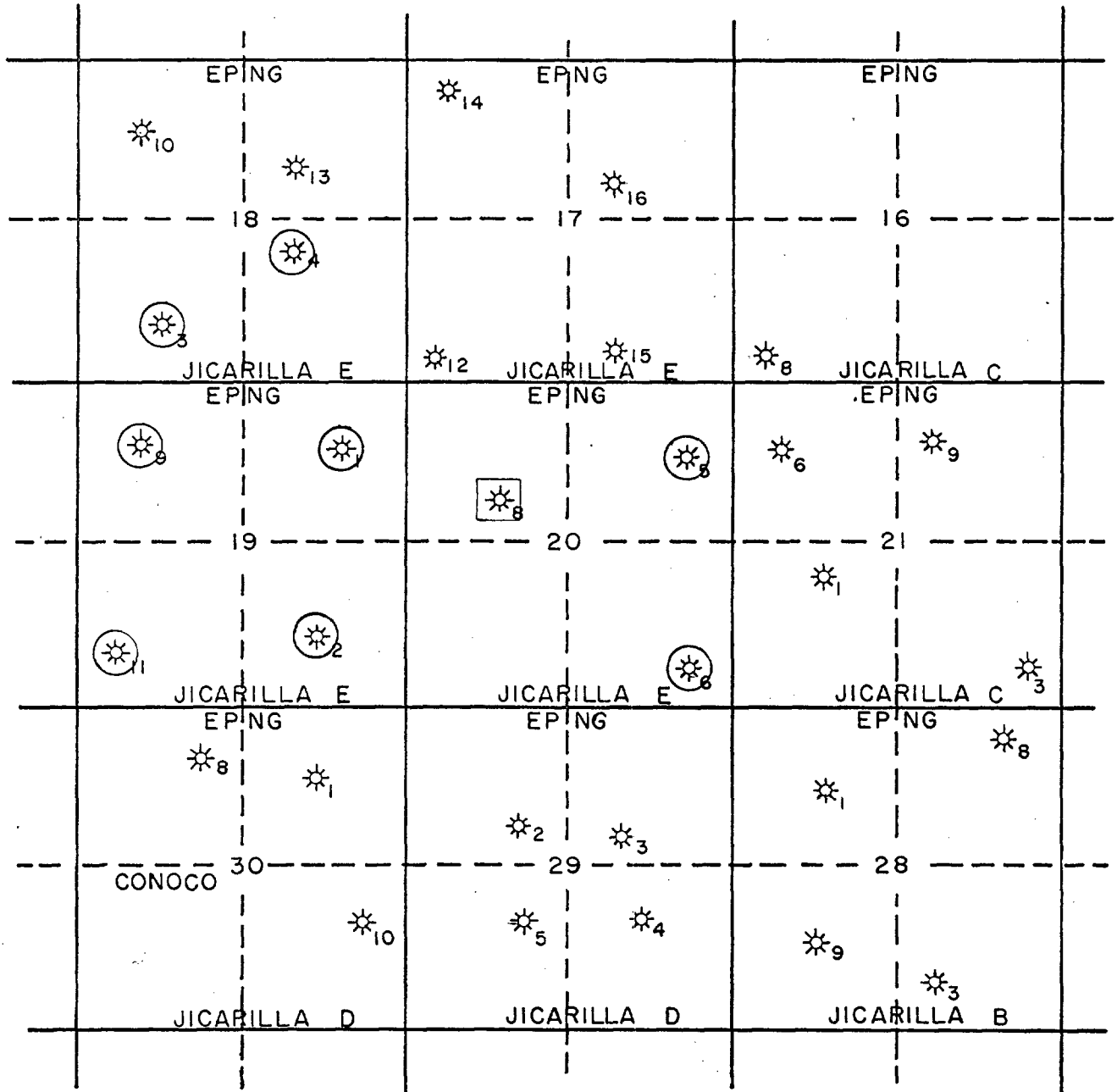
WELLS ON SAME BASIC LEASE

<u>Name</u>	<u>Location</u>	<u>Deliverability</u>	<u>Date of Test</u>
Jicarilla #1-E	H- 19-25-4	995	1962
Jicarilla #2-E	O- 19-25-4	828	1962
Jicarilla #3-E	N- 18-25-4	959	1961
Jicarilla #4-E	J- 18-25-4	2326	1961
Jicarilla #5-E	H- 20-25-4	395	1962
Jicarilla #6-E	P- 20-25-4	1286	1962
Jicarilla #9-E	D- 19-25-4	2196	1961
Jicarilla #11-E	L- 19-25-4	511	1962

RIO ARRIBA COUNTY, NEW MEXICO

SO. BLANCO P C

TOWNSHIP 25-N RANGE 4-W



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. 2770
Order No. R-2460

APPLICATION OF EL PASO NATURAL GAS
COMPANY FOR AUTHORITY TO CONDUCT
MAXIMUM PRESSURE BUILD-UP TESTS,
SAN JUAN AND RIO ARRIBA COUNTIES,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on March 7, 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 1st day of April, 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 the applicant, El Paso Natural Gas Company, seeks authority to conduct maximum pressure build-up tests in the Blanco-Mesaverde Gas Pool, the Basin-Dakota Gas Pool, the Aztec-Pictured Cliffs Gas Pool, the Ballard-Pictured Cliffs Gas Pool, and the South Blanco-Pictured Cliffs Gas Pool, San Juan and Rio Arriba Counties, New Mexico.

(3) That the proposed maximum pressure build-up tests would provide additional reservoir information and would therefore be in the interest of conservation.

(4) That the applicant also seeks the establishment of special rules to govern said tests, including a provision authorizing the non-cancellation or transfer of allowables from wells shut-in in each pool and including a provision allowing substitute tests by administrative approval.

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(5) That the proposed tests will not cause waste or impair correlative rights.

(6) That special rules should be promulgated to govern the proposed tests in order to assure prevention of waste and protection of correlative rights.

IT IS THEREFORE ORDERED:

That the applicant, El Paso, Natural Gas Company, is hereby authorized to conduct maximum pressure build-up tests on the wells hereinafter designated "Shut-in Wells" and to transfer any allowable accruing to said wells during the tests to one or more of the wells hereinafter designated "Transfer Wells" for the same test, subject to the Special Maximum Pressure Build-up Test Rules set out below:

SHUT-IN WELLS

TRANSFER WELLS

BLANCO-MESAVERDE GAS POOL

El Paso-Atlantic No. 5-A,
Unit L, S 26, T-31N, R-10W

El Paso-Atlantic No. 1-A, Unit H,
S 27, T-31N, R-10W

El Paso-Atlantic No. 9-A, Unit N,
S 27, T-31N, R-10W

El Paso-Atlantic No. 2-A, Unit A,
S 28, T-31N, R-10W

El Paso-Atlantic No. 3-A, Unit M,
S 28, T-31N, R-10W

El Paso-Atlantic No. 8-A,
Unit A, S 29, T-31N, R-10W

El Paso-Atlantic No. 7-A, Unit K,
S 29, T-31N, R-10W

El Paso-Barnes No. 7,
Unit K, S 23, T-32N, R-11W

No transfer well.

El Paso-Barrett No. 2,
Unit B, S 19, T-31N, R-9W

El Paso-Barrett No. 3, Unit K,
S 20, T-31N, R-9W

El Paso-Barrett No. 4, Unit A,
S 20, T-31N, R-9W

El Paso-Gartner No. 2,
Unit G, S 28, T-30N, R-8W

El Paso-Gartner No. 1, Unit N,
S 28, T-30N, R-8W

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El Paso-Gartner No. 3, Unit N,
S 33, T-30N, R-8W

El Paso-Gartner No. 4, Unit H,
S 33, T-30N, R-8W

El Paso-Gartner No. 5, Unit M,
S 27, T-30N, R-8W

El Paso-Gartner No. 8, Unit A,
S 26, T-30N, R-8W

El Paso-Hughes No. 3,
Unit B, S 20, T-29N, R-8W

El Paso-Hughes No. 2, Unit A,
S 19, T-29N, R-8W

El Paso-Hughes No. 4, Unit M,
S 20, T-29N, R-8W

El Paso-Hughes No. 5, Unit N,
S 21, T-29N, R-8W

El Paso-Hughes No. 6, Unit G,
S 21, T-29N, R-8W

El Paso-Hughes No. 7, Unit M,
S 29, T-29N, R-8W

El Paso-Hughes No. 8, Unit H,
S 29, T-29N, R-8W

El Paso-Lucerne A-2,
Unit B, S 9, T-31N, R-10W

El Paso-Lucerne No. 3-A, Unit M,
S 3, T-31N, R-10W

El Paso-Lucerne No. 4-A, Unit H,
S 10, T-31N, R-10W

El Paso-McElvain A-1,
Unit A, S 23, T-30N, R-7W

El Paso-McElvain No. 2-A, Unit K,
S 23, T-30N, R-7W

El Paso-McElvain No. 3-A, Unit H,
S 24, T-30N, R-7W

El Paso-McElvain No. 4-A, Unit K,
S 24, T-30N, R-7W

El Paso-McElvain No. 5-A, Unit A,
S 25, T-30N, R-7W

El Paso-McElvain No. 6-A, Unit L,
S 25, T-30N, R-7W

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El Paso-H. K. Riddle No. 2,
Unit L, S 3, T-30N, R-9W

El Paso-H. K. Riddle No. 1, Unit
D, S 4, T-30N, R-9W

El Paso-Schwerdtfeger No. 1,
Unit M, S 27, T-31N, R-9W

No transfer well.

El Paso-SJU 28-6 No. 37,
Unit K, S 6, T-27N, R-6W

El Paso-SJU 28-6 No. 39, Unit N,
S 5, T-27N, R-6W

El Paso-SJU 28-6 No. 43, Unit A,
S 7, T-27N, R-6W

El Paso-SJU 28-6 No. 54, Unit N,
S 7, T-27N, R-6W

El Paso-SJU 28-6 No. 22, Unit H,
S 8, T-27N, R-6W

BASIN-DAKOTA GAS POOL

El Paso-Allison Unit No. 1,
Unit E, S 17, T-32N, R-6W

El Paso-Allison Unit No. 20, Unit
L, S 18, T-32N, R-6W

El Paso-Allison Unit No. 23-X,
Unit M, S 19, T-32N, R-6W

El Paso-Jicarilla 67 Federal
No. 10, Unit M, S 30, T-25N,
R-5W

El Paso-Jicarilla 67 Federal
No. 5, Unit N, S 29, T-25N, R-5W

El Paso-Lackey B-13,
Unit K, S 20, T-28N, R-9W

El Paso-Lackey B-12, Unit N,
S 21, T-28N, R-9W

El Paso-Lackey B-14, Unit A,
S 30, T-28N, R-9W

El Paso-Lackey B-17, Unit G,
S 21, T-28N, R-9W

El Paso-Michener No. 3,
Unit M, S 15, T-28N, R-9W

No transfer well.

El Paso-Heaton No. 14,
Unit G, S 29, T-31N, R-11W

El Paso-Heaton No. 1, Unit A,
S 28, T-31N, R-11W

El Paso-Heaton No. 16, Unit L,
S 28, T-31N, R-11W

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El Paso-Ludwick No. 16,
Unit G, S 31, T-30N, R-10W

El Paso-Ludwick No. 15, Unit A,
S 19, T-30N, R-10W

El Paso-Ludwick No. 17, Unit B,
S 29, T-30N, R-10W

El Paso-Ludwick No. 20, Unit K,
S 29, T-30N, R-10W

El Paso-Ludwick No. 21, Unit N,
S 31, T-30N, R-10W

El Paso-Rincon Unit No. 136,
Unit A, S 23, T-27N, R-7W

El Paso-Rincon Unit No. 133,
Unit K, S 14, T-27N, R-7W

El Paso-Rincon Unit No. 137,
Unit K, S 24, T-27N, R-7W

El Paso-Rincon Unit No. 138,
Unit A, S 25, T-27N, R-7W

El Paso-Rincon Unit No. 151,
Unit B, S 14, T-27N, R-7W

El Paso-Rincon Unit No. 167,
Unit B, S 13, T-27N, R-7W

El Paso-Rincon Unit No. 177,
Unit L, S 13, T-27N, R-7W

El Paso-SJU 28-5 Unit No. 35,
Unit M, S 19, T-28N, R-5W

El Paso SJU 28-5 No. 33, Unit L,
S 17, T-28N, R-5W

El Paso-SJU 28-5 No. 34, Unit M,
S 18, T-28N, R-5W

El Paso-SJU 28-5 No. 41, Unit A,
S 32, T-28N, R-5W

El Paso-SJU 28-5 No. 42, Unit K,
S 31, T-28N, R-5W

El Paso-Huerfano Unit No. 117,
Unit P, S 16, T-26N, R-10W

El Paso-Huerfano Unit No. 104,
Unit P, S 17, T-26N, R-10W

El Paso-Huerfano Unit No. 116,
Unit C, S 11, T-26N, R-10W

El Paso-Huerfano Unit No. 121,
Unit F, S 27, T-26N, R-10W

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El Paso-Huerfano Unit No. 125,
Unit E, S 30, T-26N, R-9W

El Paso-Huerfano Unit No. 111,
Unit F, S 20, T-26N, R-9W

El Paso-Huerfano Unit No. 120,
Unit C, S 25, T-26N, R-10W

El Paso-Huerfano Unit No. 130,
Unit D, S 29, T-26N, R-9W

El Paso-Huerfano Unit No. 134,
Unit J, S 36, T-26N, R-10W

El Paso-Huerfano Unit No. 136,
Unit J, S 21, T-26N, R-9W

El Paso-Huerfano Unit No. 137,
Unit J, S 31, T-26N, R-9W

AZTEC-PICTURED CLIFFS GAS POOL

El Paso-Ludwick No. 2,
Unit P, S 19, T-30N, R-10W

El Paso-Ludwick No. 1, Unit E,
S 29, T-30N, R-10W

El Paso-Ludwick No. 3, Unit O,
S 29, T-30N, R-10W

El Paso-Ludwick No. 4, Unit A,
S 31, T-30N, R-10W

El Paso-Ludwick No. 5, Unit F,
S 31, T-30N, R-10W

El Paso-Ludwick No. 6, Unit L,
S 19, T-30N, R-10W

BALLARD-PICTURED CLIFFS GAS POOL

El Paso-Ballard No. 6,
Unit E, S 14, T-26N, R-9W

El Paso-Ballard No. 5, Unit P,
S 14, T-26N, R-9W

El Paso-Ballard No. 3, Unit H,
S 14, T-26N, R-9W

El Paso-Ballard No. 4, Unit M,
S 14, T-26N, R-9W

El Paso-Ballard No. 7, Unit E,
S 15, T-26N, R-9W

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El Paso-Ballard No. 8, Unit H,
S 15, T-26N, R-9W

El Paso-Ballard No. 9, Unit O,
S 15, T-26N, R-9W

El Paso-Ballard No. 10, Unit L,
S 15, T-26N, R-9W

El Paso-Quitzaú No. 3,
Unit F, S 11, T-25N, R-8W

El Paso-Quitzaú No. 1, Unit D,
S 3, T-25N, R-8W

El Paso-Quitzaú No. 2, Unit F,
S 11, T-25N, R-8W

El Paso-Quitzaú No. 4, Unit O,
S 3, T-25N, R-8W

El Paso-Quitzaú No. 5, Unit M,
S 3, T-25N, R-8W

El Paso-Quitzaú No. 6, Unit A,
S 10, T-25N, R-8W

El Paso-Quitzaú No. 11, Unit A,
S 3, T-25N, R-8W

El Paso-Wilson No. A-1,
Unit F, S 32, T-26N, R-8W

El Paso-Wilson No. A-2, Unit K,
S 32, T-26N, R-8W

SOUTH BLANCO-PICTURED CLIFFS GAS POOL

El Paso-Jicarilla B No. 1,
Unit F, S 28, T-25N, R-4W

El Paso-Jicarilla B No. 3, Unit
O, S 28, T-25N, R-4W

El Paso-Jicarilla B No. 5, Unit
M, S 27, T-25N, R-4W

El Paso-Jicarilla B No. 6, Unit
B, S 33, T-25N, R-4W

El Paso-Jicarilla B No. 7, Unit
J, S 27, T-25N, R-4W

El Paso-Jicarilla B No. 8, Unit
G, S 28, T-25N, R-4W

El Paso-Jicarilla B No. 9, Unit
K, S 28, T-25N, R-4W

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El Paso-Jicarilla B No. 10, Unit
K, S 34, T-25N, R-4W

El Paso-Jicarilla B No. 13, Unit
P, S 34, T-25N, R-4W

El Paso-Jicarilla B No. 14, Unit
C, S 33, T-25N, R-4W

El Paso-Jicarilla E No. 8,
Unit F, S 20, T-25N, R-4W

El Paso-Jicarilla E No. 1, Unit
H, S 19, T-25N, R-4W

El Paso-Jicarilla E No. 2, Unit
O, S 19, T-25N, R-4W

El Paso-Jicarilla E No. 3, Unit
N, S 18, T-25N, R-4W

El Paso-Jicarilla E No. 4, Unit
J, S 18, T-25N, R-4W

El Paso-Jicarilla E No. 5, Unit
H, S 20, T-25N, R-4W

El Paso-Jicarilla E No. 6, Unit
P, S 20, T-25N, R-4W

El Paso-Jicarilla E No. 9, Unit
D, S 19, T-25N, R-4W

El Paso-Jicarilla E No. 11, Unit
L, S 19, T-25N, R-4W

SPECIAL MAXIMUM PRESSURE BUILD-UP TEST RULES

RULE 1. Any operator desiring an allowable transfer shall submit a request for the same to the Commission setting out the amount of allowable which he proposes to transfer and the name and location of the well or wells which are to receive the same. Such transfers must be to wells on the same basic lease as the shut-in well. If approved, the transfer shall be effected upon completion of the test if a deliverability test for the proration year in which the test is completed has been filed for the well. If a deliverability test has not been filed for the proration year in which the test is completed, the transfer, if approved, shall be effected upon receipt of said deliverability test for the well.

RULE 2. The provisions of Order No. R-1670 requiring cancellation of underproduction and the shutting in of

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overproduced wells shall be suspended for all shut-in and transfer wells insofar as concerns any overage or underage accrued to such wells at the time a test is commenced; provided, however, that said wells shall be subject to the said provisions of Order No. R-1670 at the end of the six-month proration period following the proration period in which the test is completed.

RULE 3. Any allowable which accrues to a shut-in well during a test and which is not transferred shall be considered to have accrued to said shut-in well on the date the test is completed.

RULE 4. Any transfer well which has not been connected to a transportation facility at the beginning of the test shall have its allowable assigned in accordance with the applicable proration order.

RULE 5. Any shut-in well which has not been assigned an allowable prior to the effective date of this order shall be assigned an allowable from the date of connection to a transportation facility if said date is not more than forty-five days prior to the beginning of the test. If the shut-in well has not been connected to a transportation facility at the beginning of the test, its allowable shall begin on the date when the well would have delivered gas into a transportation facility had the well not been shut in, such date to be established by affidavit from the gas purchaser.

RULE 6. All shut-in wells are hereby excepted from the requirements of Order No. R-333-F until the date of first delivery of gas into a gas transportation facility after completion of the test.

RULE 7. The Secretary-Director of the Commission is hereby authorized to administratively approve the substitution of wells designated to participate in any of the tests, but no well shall be designated as a transfer well which is not on the same basic lease as the shut-in well.

RULE 8. The official starting date of a test shall be established by affidavit from the operator and shall be the date the well was shut in for the purpose of testing and not thereafter produced in any manner. Affidavits shall be filed with the Santa Fe and Aztec offices of the Commission.

RULE 9. All shut-in wells shall be padlocked in a manner that will prevent the opening of any valve by unauthorized persons. Valves on shut-in wells shall be opened only for the purpose of taking pressure readings.

RULE 10. The results of all pressure readings shall be filed with the Commission's Aztec and Santa Fe offices within 30 days

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after the completion of the last test authorized. The data shall be filed in both tabular and graphic form and shall show the date that the test well was shut in, the date and the pressure at each pressure reading, and the length of time that the well was shut in prior to each reading. The graph shall depict the pressure build-up in pounds per square inch absolute plotted against shut-in time in days.

IT IS FURTHER ORDERED:

(1) That the authority herein granted shall terminate one year from the date of completion of the last test authorized by this order.

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Jack M Campbell
JACK M. CAMPBELL, Chairman

E. S. Walker
E. S. WALKER, Member

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

