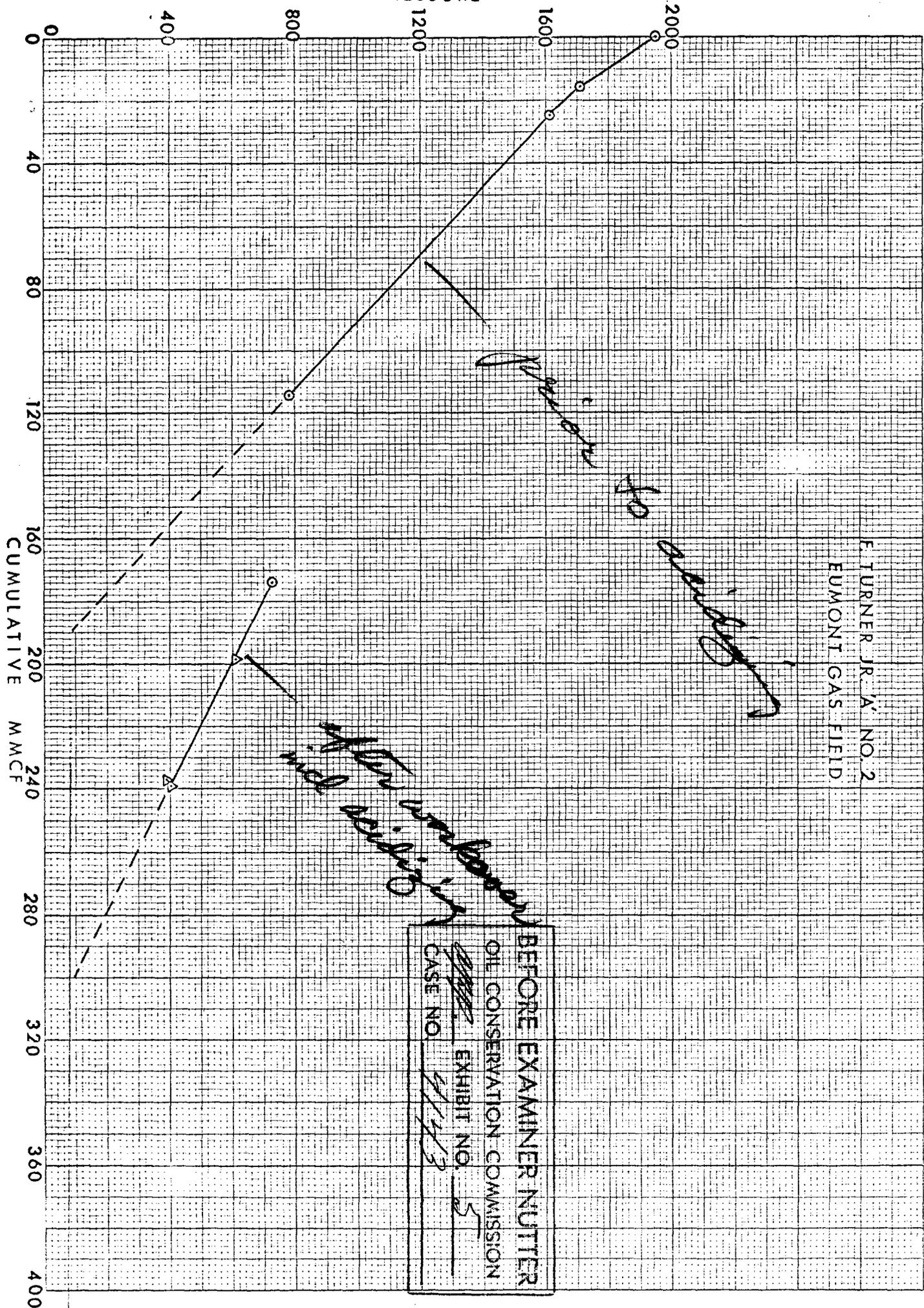


F. TURNER JR. A. NO. 2
EUMONT GAS FIELD

pressure for analysis

*from well in
the vicinity*

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 5
CASE NO. 4143



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. 4143
Order No. R-3821

APPLICATION OF AMERADA PETROLEUM
CORPORATION FOR DOWNHOLE COMMINGLING
AND SPECIAL GAS-OIL RATIO LIMITATION,
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 4, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 4th day of September, 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, Amerada Petroleum Corporation, is the operator of the Fred Turner, Jr., "A" Well No. 2, located in Unit K of Section 18, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico.

(3) That Order No. R-2974, dated October 4, 1965, authorized the applicant to dually complete the subject well in such a manner as to produce gas from the prorated Eumont Gas Pool through the casing-tubing annulus and to produce oil from the Skaggs Grayburg-San Andres Oil Pool through 1 1/2-inch tubing, with separation of zones by a packer set at approximately 3690 feet.

(4) That the applicant proposes to remove the 1 1/2-inch tubing, set 3 1/2-inch tubing just above the packer, and produce

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CASE No. 4143

Order No. R-3821

both of the subject zones through said tubing and annulus, commingling the production in the well-bore.

(5) That the applicant further seeks the establishment of a special gas-oil ratio limitation of 4000 cubic feet of gas per barrel of oil for the commingled production from said well.

(6) That the Grayburg zone of the subject well as a result of receiving a response from nearby water injection wells to the northwest and southwest produces considerable water.

(7) That if the Eumont and Grayburg zones are commingled in the well-bore, the water produced by the Grayburg zone may have an adverse and detrimental effect on the Eumont zone in the vicinity of the subject well, which already produces some water, thus causing waste.

(8) That commingling in the well-bore of the subject zones would prevent accurate determination, necessary for proration purposes, of the volumes of gas produced by the prorated Eumont zone of the subject well.

(9) That commingling in the well-bore of an oil zone and a gas zone would render ineffective the gas-oil ratio limitation applicable to the oil zone.

(10) That the subject application should be denied.

IT IS THEREFORE ORDERED:

(1) That the subject application is hereby denied.

(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


DAVID F. CARGO, Chairman


ALEX J. ARMILLO, Member


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

