

SUBJECT: DUAL COMPLETION (GAS-GAS)

August 20, 1957

THE APPLICATION OF EL PASO NATURAL GAS COMPANY FOR PERMISSION TO EFFECT DUAL COMPLETION OF ITS LACKEY WELL NO. 10-B (PM) LOCATED IN THE SW/4 NE/4 OF SECTION 21, TOWNSHIP 28 NORTH, RANGE 9 WEST, NMPM, SAN JUAN COUNTY, NEW MEXICO, IN THE AZTEC-PICTURED CLIFFS GAS POOL AND BLANCO MESAVERDE GAS POOL.

ORDER NO. DC-468

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 112-A (c) El Paso Natural Gas Company made application to the New Mexico Oil Conservation Commission on June 10, 1957, for permission to dually complete its Lackey Well No. 10-B (PM) located 1750 feet from the North line and 1690 feet from the East line and in the SW/4 NE/4 of Section 21, Township 28 North, Range 9 West, San Juan County, New Mexico in the Aztec-Pictured Cliffs Gas Pool and Blanco Mesaverde Gas Pool.

The Secretary-Director Finds:

- (1) That application has been duly filed under the provisions of Sub-section 'c' of Rule 112-A of the Commission's Rules and Regulations;
- (2) That satisfactory information has been provided that all operators of offset acreage have been duly notified; and
- (3) That no objections have been received within the waiting period as prescribed by said rule.

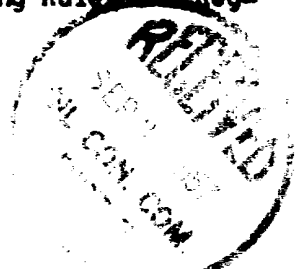
IT IS THEREFORE ORDERED:

That the applicant, herein, El Paso Natural Gas Company, be and it hereby is authorized to dually complete its Lackey Well No. 10-B (PM) located in the SW/4 NE/4 of Section 21, Township 28 North, Range 9 West, San Juan County, New Mexico, in such manner as to permit production of gas from the Pictured Cliffs formation by proper perforation of the casing with gas production through the casing-tubing annulus from the Aztec Pictured Cliffs Gas Pool and to permit production of gas from the Mesaverde formation by proper perforation of a liner with gas production through the tubing from the Blanco Mesaverde Gas Pool and with the installation of a suitable packer and with the installation of adequate surface and well equipment to maintain complete separation of the two common sources of supply.

PROVIDED HOWEVER, That subject well shall be completed and thereafter produced in such a manner that there will be no commingling within the well-bore, either within or outside the casing of gas, oil and gas, or oil produced from either or both of the separate strata,

PROVIDED HOWEVER, That prior to the actual dual completion the operator shall make pressure tests of the casing to prove that no casing leaks have developed since the well was originally completed. In the event a casing leak is apparent the operator shall take appropriate steps to adequately repair the leak. The results of these tests shall be reported to the Commission on Form C-103.

PROVIDED FURTHER, That upon the actual dual completion of such subject well applicant shall submit to the appropriate District Office of the Commission, copies of Oil Conservation Commission, Form C-104, Form C-110 and Form C-122 outlining the information required on those forms by existing Rules and Regulations and two copies of the electric log of the well.



[Signature]

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1. The first step in the process is to identify the problem. This involves gathering information about the situation and understanding the needs of the stakeholders involved.

[illegible]

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It is important to note that the above information is not intended to be a complete and exhaustive list of all information that may be relevant to the investigation. It is intended to provide a general overview of the information that is available and to highlight the areas that require further investigation.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-22-2008 BY 60322 UCBAW/SJS

• **STUDYING** → **RESEARCH**

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[illegible]

1. The first step is to identify the problem. This involves understanding the situation and the goals that need to be achieved. It is important to gather all relevant information and to define the problem clearly.

On 12/10/1964, the following information was received from the Bureau of the Census, Washington, D.C. regarding the 1964 Census of the United States, which was conducted on 12/10/1964. The Bureau of the Census is the principal agency in the Federal Government for the collection, analysis, and dissemination of statistical information. The Bureau is organized into several divisions, each of which is responsible for a specific area of the Census. The Bureau is also responsible for the coordination of the Census with other Federal agencies. The Bureau is currently conducting a study of the 1964 Census, which is being completed by the end of 1965. The results of this study will be used to improve the accuracy and reliability of the Census.

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PROVIDED FURTHER, That said subject well for dual completion and production shall be equipped in such a way that reservoir pressures may be determined separately for each of the two specified strata, and further, be equipped with all necessary connections required to permit recording meters to be installed and used, at any time, as may be required by the Commission or its representatives, in order that natural gas, oil, or oil and gas from each separate stratum may be accurately measured and the gas-liquid ratios thereof determined, and

PROVIDED FURTHER, That the operator-applicant shall make any and all tests, including segregation tests, packer leakage tests on completion and during the annual deliverability test of the Blanco Mesaverde Gas Pool, but not excluding other tests and/or determinations at any convenient time and in such manner as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of the Commission and by representatives of offset operators, if any there be, at their election, and the results of each test properly attested to by the applicant herein and all witnesses, and shall be filed with the Commission within 15 days after completion of such test, and submit a packer setting affidavit within 15 days after completion or whenever the packer is disturbed, and

PROVIDED FURTHER, That upon the actual dual completion of such subject well, applicant shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the strata, and a special report of production, gas-liquid ratios and reservoir pressure determination of each producing zone or stratum immediately following completion.

IT IS FURTHER ORDERED, That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after proper notice and hearing the Commission may terminate the authority hereby granted and require applicant or its successors and assigns to limit its activities to regular single-zone production in the interests of conservation.

APPROVED at Santa Fe, New Mexico, on this 20th day of August, 1937.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, Jr.
Secretary-Director

SEAL

The first part of the book is devoted to the study of the
history of the world, from the beginning of time to the
present. The author discusses the various theories of the
origin of life and the development of the human race.
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