

SUBJECT: DUAL COMPLETION (GAS-GAS)

June 8, 1956

THE APPLICATION OF EL PASO NATURAL GAS COMPANY FOR PERMISSION TO EFFECT DUAL COMPLETION OF ITS HEATON WELL NO. 8, LOCATED IN THE NW/4 NE/4 OF SECTION 30, TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM, SAN JUAN COUNTY, NEW MEXICO, IN AN UNDESIGNATED PICTURED CLIFFS GAS POOL AND THE BLANCO MESAVERDE GAS POOL.

Order No. DC-310

**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 8, 1956, for permission to dually complete its Heaton Well No. 8, located 990 feet from the North line and 1650 feet from the east line and in the NW/4 NE/4 of Section 30, Township 31 North, Range 11 West, NMPM, San Juan County, New Mexico, in an undesignated Pictured Cliffs Gas Pool and the Blanco Mesa-verde 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 applicant obtained a waiver from the only offset operator involved.

**IT IS THEREFORE ORDERED:**

That the applicant, herein, El Paso Natural Gas Company be and it hereby is authorized to dually complete its Heaton Well No. 8, located in the NW/4 NE/4 of Section 30, Township 31 North, Range 11 West, NMPM, San Juan County, New Mexico, in such manner as to permit production of gas from the Pictured Cliffs formation of an undesignated Pictured Cliffs Gas Pool by proper perforations of the casing through the casing-tubing annulus and the production of gas from the Mesaverde formation of the Blanco Mesaverde Gas Pool by proper perforation of a liner through the tubing and installation of a suitable packer and with the installation of adequate surface equipment to maintain complete separation of the two zones of production.

**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-103, 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.

June 8, 1956

SUBJECT: DUAL COMPLETION (GAS-OIL)

Order No. DC-310

THE APPLICATION OF EL PASO NATURAL GAS COMPANY FOR PERMISSION TO EFFECT DUAL COMPLETION OF ITS HEATON WELL NO. 8, LOCATED IN THE NW 1/4 NE 1/4 OF SECTION 30, TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM, SAN JUAN COUNTY, NEW MEXICO, IN AN UNDESIGNATED PICTURED CHITTS GAS POOL AND THE BLANCO MESA VERDE GAS POOL.

OF THE OIL CONSERVATION COMMISSION  
ADMINISTRATIVE ORDER

Under the provisions of Rule 115-A (c) El Paso Natural Gas Company made application to the New Mexico Oil Conservation Commission on June 8, 1956, for permission to dually complete its Heaton Well No. 8, located 990 feet from the North line and 1550 feet from the east line and in the NW 1/4 NE 1/4 of Section 30, Township 31 North, Range 11 West, NMPM, San Juan County, New Mexico, in an undesignated Pictured Chitts Gas Pool and the Blanco Mesa Verde Gas Pool.

The Secretary- Director finds:

- (1) That application has been duly filed under the provisions of Section 1 of Rule 115-A of the Commission's Rules and Regulations.
- (2) That applicant obtained a waiver from the only offset operator involved.

IT IS THEREFORE ORDERED:

That the applicant, herein, El Paso Natural Gas Company be and it hereby is authorized to dually complete its Heaton Well No. 8, located in the NW 1/4 NE 1/4 of Section 30, Township 31 North, Range 11 West, NMPM, San Juan County, New Mexico, in such manner as to permit production of gas from the Pictured Chitts formation of an undesignated Pictured Chitts Gas Pool by proper perforations of the casing through the casing-tubing annulus and the production of gas from the Mesaverte formation of the Blanco Mesaverte Gas Pool by proper perforation of a liner through the tubing and installation of suitable packer and with the installation of adequate surface equipment to insure clean complete separation of the two zones of production.

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 reservoirs.

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 O-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 O-103, Form O-104, Form O-110 and Form O-112 outlining the information required on these forms by existing Rules and Regulations and two copies of the electric log of the well.

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-oil ratio thereof determined, and

PROVIDED FURTHER, That the operator-applicant shall make any and all tests, including segregation tests, packer leakage tests on completion and annually during deliverability tests and submit packer setting affidavit on completion, remedial work or whenever the packer is disturbed, 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 ten days after completion of such test, 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-oil ratio 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 8th day of June, 1956.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

A. L. Porter, Jr.  
Secretary-Director

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to regular state-wide protection in the interests of conservation. granted and receive applicant or his successors and assign to limit the activities proper notice and hearing the Commission may terminate the authority hereby upon failure of applicant to comply with any requirement of this order after in connection for the prevention of waste and/or abatement of corrosive wastes; defined by the Commission for and further order or orders as may seem necessary. I, the undersigned, have jurisdiction of this cause in hereby certify

There is no real risk that the public will be misled or deceived.

STATE OF NEW YORK  
COUNTY OF ALBANY

И. Петров И. А.  
полковник - инженер