

SUBJECT: DUAL COMPLETION (GAS-GAS)

January 24, 1957

Order No. DC-396

THE APPLICATION OF SKELLY OIL COMPANY FOR PERMISSION TO EFFECT DUAL COMPLETION OF ITS JICARILLA "C" WELL NO. 11, LOCATED IN THE NW/4 SW/4 OF SECTION 27, TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM, RIO ARriba COUNTY, NEW MEXICO, IN THE SOUTH BLANCO PICTURED CLIFFS GAS POOL AND AN UNDESIGNATED CHACRA GAS POOL.

ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 112-A (c) Skelly Oil Company made application to the New Mexico Oil Conservation Commission on January 14, 1957, for permission to dually complete its Jicarilla "C" Well No. 11, located 1450 feet from the South line and 1190 feet from the West line and in the NW/4 SW/4 of Section 27, Township 25 North, Range 5 West, NMPM, Rio Arriba County, New Mexico, in the South Blanco Pictured Cliffs Gas Pool and an undesignated Chacra 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, Skelly Oil Company be and it hereby is authorized to dually complete its Jicarilla "C" Well No. 11 located in the NW/4 SW/4 of Section 27, Township 25 North, Range 5 West, NMPM, Rio Arriba 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 produced through the casing-tubing annulus from the South Blanco Pictured Cliffs Gas Pool and the production of gas from the Chacra Formation by proper perforation of the casing with gas produced through the tubing from an undesignated Chacra Gas Pool and with the 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.

SUBJECT: DUAL COMPLETION (DAS-DAS)

January 24, 1957

Order No. 00-221

THE APPLICATION OF THE COMPANY FOR PERMISSION TO THE DUAL COMPLETION OF ITS WELL NO. 11, LOCATED IN THE SW 1/4 OF SECTION 27, TOWNSHIP 22 NORTH, RANGE 5 WEST, NEW ARKANSAS COUNTY, NEW MEXICO, IN THE SOUTH PLAINS DISTRICT CHIEFS GAS POOL AND AN UNDESIGNATED CHIEFS GAS POOL.

ADMINISTRATIVE ORDER
OF THE OIL COMMISSION

Under the provisions of Rule 15-A (c) Kelly Oil Company made application to the New Mexico Oil Conservation Commission on January 14, 1957, for permission to dually complete its Well No. 11, located 1450 feet from the south line and 1100 feet from the west line in the SW 1/4 of Section 27, Township 22 North, Range 5 West, New Mexico, New Mexico, in the South Plains District Chiefta Gas Pool and an Undesignated Chiefta Gas Pool.

The Secretary-Inspector finds:

- (1) That application has been duly filed under the provisions of section 15 of Rule 15-A of the Commission's Rules and Regulations.
- (2) That satisfactory information has been provided that all operators of offset wells have been duly notified.
- (3) That no objections have been received within the waiting period as prescribed by said rule.

IT IS THEREFORE ORDERED:

That the applicant, Kelly Oil Company, be and it hereby is authorized to dually complete its Well No. 11, located in the SW 1/4 of Section 27, Township 22 North, Range 5 West, New Mexico, New Mexico, in such manner as to permit production of gas from the Undesignated Chiefta Formation by proper perforation of the casing with gas produced through the casing tubing annulus from the South Plains District Chiefta Gas Pool and the production of gas from the Chiefta Formation by proper perforation of the casing with gas produced through the tubing from an Undesignated Chiefta Gas Pool and with the installation of a suitable packer and with the installation of adequate surface equipment to maintain complete separation of the two sources of production.

PROVIDED HOWEVER, That subject well shall be completed and gas shall be produced in such a manner that there will be no commingling of gas, oil and gas, or gas and oil, produced from either or both of the separate zones.

EXCEPTED HOWEVER, That prior to the actual dual completion of the well, 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 at

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.

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 South Blanco Pictured Cliffs 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 fifteen (15) days after completion of such test, and submit a packer setting affidavit within fifteen (15) days after completion, after remedial work 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 24th day of January, 1957.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, JR.
Secretary-Director

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PROVIDED FURTHER, That upon the actual dual completion of a new subject well applicant shall submit to the appropriate District Office of the Commission, copies of Oil Commission Commission Form 0-156, and Form C-156 containing the information required on those forms or existing rules and regulations and two copies of the electric log of the well.

PROVIDED FURTHER, That said subject shall file with the Commission and production shall be required in such a way that necessary pressure may be determined separately for each of the two specified strata, and further, be equipped with all necessary connections required to permit recording a pressure to be installed and used, at any time, as may be required by the Commission or its representatives, in order that natural gas, oil and gas production and separate stratum may be accurately measured and the gas flowing within the well determined, and

PROVIDED FURTHER, That the operator-applicant shall include in the all tests, including segregation tests, packer leakage tests on completion and during the annual deliverability test of the South District District Office, 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 discretion, and the results of each test properly attested to by the applicant herein and all witnesses, and shall be filed with the Commission within fifteen (15) days after completion of each test, and submit a packer setting affidavit within fifteen (15) days after completion, after remedial work or whenever the packer is disturbed, and

PROVIDED FURTHER, That upon the actual dual completion of a new subject well, applicant shall submit to the Commission a disengagement affidavit of the mechanical installation which was actually used to complete and produce the seal between the strata, and a special report of production, gas-lift, valves and reservoir pressure determination of each producing zone or formation immediately following completion.

IT IS FURTHER ORDERED, That production of this cause be 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 conservative rights upon failure of applicant to comply with any requirements 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 Austin, Texas, New Mexico, on this 14th day of January,

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STATE OF NEW MEXICO
OIL COMMISSION COMMISSIONER

A. L. PORTER, JR.,
Secretary-Treasurer

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