

THE APPLICATION OF COLORADO WESTERN EXPLORATION, INC. FOR PERMISSION TO EFFECT DUAL COMPLETION OF ITS SOUTHERN UNION GOVERNMENT WELL NO. 1-19, LOCATED 1090 FEET FROM THE SOUTH LINE AND 1090 FEET FROM THE WEST LINE OF SECTION 19, TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM, SAN JUAN COUNTY, NEW MEXICO, IN SUCH A MANNER AS TO PRODUCE GAS FROM THE MESAVERDE FORMATION NEAR THE BLANCO MESAVERDE POOL AND GAS FROM AN UNDESIGNATED DAKOTA GAS POOL.

ORDER NO. DC-514



ADMINISTRATIVE ORDER
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 112-A (c) Colorado Western Exploration, Inc. made application to the New Mexico Oil Conservation Commission on September 16, 1957, for permission to dually complete its Southern Union Government Well No. 1-19, located 1090 feet from the South line and 1090 feet from the West line of Section 19, Township 31 North, Range 12 West, NMPM, San Juan County, New Mexico in such a manner as to produce gas from the Mesaverde formation near the Blanco Mesaverde Pool and gas from an undesignated Dakota Gas Pool.

Now, on this 26th day of September, 1957, 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.
- (4) That the proposed dual completion will not cause waste nor impair correlative rights.
- (5) That the mechanics of the proposed dual completion are feasible and consonant with good conservation practices.

IT IS THEREFORE ORDERED:

That the applicant herein, Colorado Western Exploration, Inc., be and the same is hereby authorized to dually complete its Southern Union Government Well No. 1-19, located 1090 feet from the South line and 1090 feet from the West line of Section 19, Township 31 North, Range 12 West, NMPM, San Juan County, New Mexico, in such a manner as to produce gas from the Mesaverde formation near the Blanco Mesaverde Pool and gas from an undesignated Dakota Gas Pool through the tubing and the casing-tubing annulus respectively by means of a cross-over flow assembly.

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 exist. 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.

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 or gas-liquid ratio thereof determined, and

PROVIDED FURTHER. That the operator shall make any and all tests, including segregation and packer-leakage tests upon completion and annually thereafter during the Deliverability Test Period for the Blanco Mesaverde Pool, commencing in the year 1958, and whenever the packer is disturbed, but not excluding any other tests and/or determinations as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed 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, shall be filed with the Commission within fifteen (15) days after the completion of such tests, and further, that applicant shall file with the Commission in duplicate a packer-setting affidavit, which affidavit shall be due within fifteen (15) days of the dual 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-oil ratio or gas-liquid ratio, and reservoir pressure determination for 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.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

A. L. PORTER, JR.
Secretary-Director

REVISIONS REQUIRED. That when the actual dual completion of each subject well applicant shall report to the appropriate District Office the Commission copies of all Commission Form 7-103, Form 7-104, Form 7-105, and Form 7-106, containing the information required on these forms, including the name and location of the electric log of the well.

REVISIONS REQUIRED. That said subject well for dual completion and production shall be equipped in such a way that reservoir pressure may be determined separately, and the gas-liquid ratio, and further, be equipped with all necessary connections required to permit recording pressure to be installed and used at any time as may be required by the Commission in its representative, in order that accurate gas, oil, and gas-oil ratio separate situation may be accurately measured and the gas-liquid ratio determined.

REVISIONS REQUIRED. That the operator shall make any and all tests, including seepage and packer-leakage tests upon completion and during the life of the well, and shall file the same with the District Office, commencing in the year 1958, and whenever the packer is disturbed, and not excluding any other tests and/or determinations as deemed necessary by the Commission. The original and all subsequent tests shall be witnessed by representatives of the District Office if any there be at their election, and the results of each test, properly attested to by the applicant herein and all witnesses, shall be filed with the Commission within fifteen (15) days after the completion of such tests, and further, that applicant shall file with the Commission in duplicate a packer-leakage efficiency report which shall be filed within fifteen (15) days of the dual completion of whenever the packer is disturbed, and

REVISIONS REQUIRED. That when the actual dual completion of each subject well, applicant shall submit to the Commission a diagrammatic sketch of the mechanical installation which are actually used to complete and produce the well between the strata, and a special report of production, gas-liquid ratio or gas-liquid ratio, and reservoir pressure determination for each production zone or reservoir immediately following completion.

IT IS FURTHER ORDERED. That production of this cause is hereby ordered, and the Commission is authorized to order or may deem necessary, convenient for the prevention of waste and/or protection of conservation rights upon failure of applicant to comply with any requirement of this order after proper notice and hearing the Commission may terminate the application, grant and require applicant or its successors and assigns to liquidate the activities to regular single-zone production in the interests of conservation.

W. H. Santa Fe, New Mexico, on the day and year hereinafore.

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