ORDER NO. DC-514

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 SMCTION 19, TOWNSMIP 31 NORTH, RANGE 12 MEST, MMPM, SAN JUAN COUNTY, NEW MEXICO, IN SUCH A MANNER AS TO PRODUCE GAS FROM THE MESAVERDE FORMATION MEAR THE BLANCO MESAVERDE POOL AND GAS FROM AN UNDESIGNATED DAKOTA GAS POOL.



OF THE OIL COMMERVATION COMMISSION

Under the previsions 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 Mesawarde formation near the Blanco Mesawarde 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.

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,

operator shall make pressure tests of the casing to prove that no casing leaks exist. In the event a sasing 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.

HE WAS SUBSTICATED ON COUNTY OF THE MESSICATE OF THE SUBSTICATE ON THE SUBSTICATE OF THE SUBSTICATE OF THE SUBSTICATE OF THE SUBSTICATE OF THE SOUTH LINE WHO LOOP OF THE SOUTH LINE WHO LOOP OF THE SOUTH LINE WHO LOOP OF THE SUBSTICATION IN SUBSTICATION OF THE SUBSTICATE OF THE SUBSTICATE OF THE SUBSTICATE OF THE SUBSTICATED OF THE SUB



C THE OIL CONSERVATION CONTINUES ICH

doden the provisions of other 1944 (c) delorade seatern freitre time, and application to the New Maxica Wil demandation Commission on Emplement 16, 1957, for permission to dually complete its Southern Mailar Covernment Mail No. 1-19, located 1090 feet from the South line and 1090 feet from the Mest Man of Section 19, located in March, Mange 12 Mast, MATA, from the Mest line of Section 19, lowering as to produce gas from the San Juan County, New Mexico in such a mannar as to produce gas from an uncesions of Sakota Cas Local and gas from an uncesions of takota Cas Local.

Now, on this 26th day of Soptember, 1957, the Secretary-Airector

- (1). That application has been culvefiled under the provisions of Surmacriton of only 112ms of the Community of the surmacriton of the littles.
- (2) That betisfactory information has been provided that all operators of officet soraage have reen duly notified; and
 - (3) That no objections have deem percived within the weiting periconal presentated by said mile.
 - (a) That the proposed dual completion will not dense waste that impoint correlative rights
 - (3) That the muchanics of the proposed dual complexion are reacted and consensate with good conservation practices.

IT IS THEFERED & OURSERS.

That the applicant herein, Sulciach Exploration, Ic., and the same is herery authorized to dually complete its Southern Union General week same is herery authorized to dually complete its Southern Union Genetal Rell No. 1-19, Iocated 1090 feet from the sost line of Section 19, Township is booth, Songe 12 wast, No. 4, Samble of the sast line of Section 19, Township is borduce gas from the Section and Section of the Section of the Section of the sast of the sa

converge to the solution of the subject well chall be completed and theresines produced in such a menner that there will be no commingling with a termed the subject within or cutaide the casing, of gas, will and gas, or sit gradues from a time to the same at size.

estylogic Benefits. That prior to the actual dual coroletton the operator shall make pressure tests of the desing its prove that no desing leaks exist. In the event a resing leak is apparent the operator shall take appropriate steps to adequately rapely the leak. The results of these tests appropriate steps to adequately rapely the leak. The results of these tests are to the corollar to the coro

-2-Order No. DC-514

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

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 strate, 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 conserva-

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

Ald-X off sabe

. . . .

national purities of the continual consists of social solutions of social subject well applicant shall subject to the spare; rists District office of the Carminston college of the Carminston Carminston Calling and Form Calling and solutions, and the information required on these form the west.

Palyious Shall be equipped in such a conference of the dual completion and production shall be equipped in such a way that reservoir desames have a lateral not separately of the conference of

including segregation and pecker-leakage casts upon and and and factor including segregation and pecker-leakage casts upon completion and mental places do ing the land the planes described to the commencing to the part 1958, and whenever the chart is disturbed, but not excluding any other tests and/or determinations as deemed necessary to the considerion, the original and all subsequent tests their considerion is necessary to recover at these of offset operators if any thore he at their election, and the results of each test, properly attested to by the applicant herein and after its completion of such tests. And further, that applicant shall fill with the Commission in cupitoans aball fill with the Commission in cupitoans a such tests. And further, that applicant shall fill with the Commission in cupitoans a packer-matting efficient which afficed affidavit which within fifteen (15) days shall as the dust opposed the dust completion of such sever the shall and accepted the disturbed, and

subject will applicant their substitution and emission a discrease of the substitution of the mechanical installation whith was actually used to complete and produce the seal letween the strate, and a special report of production, cased a ratio or gas—liquid ratio, and rased our pressure detachation for each producing zone or scratum immediated; following congletion.

IT IS FIFTED COUNTY and jurisdiction of this cause is nearly to convertent for the prevention of waste and/or protection of correlative lighter upon failure of applicant to comply with any requirement of this call with any requirement of this call with any requirement of this call with any carminate the authority when efter proper rotics and hearing the Commission may terminate the authority factor of call with any granted and require applicant or its successors and assigns to light activities to require single-rome production in the interests of conserver

THE ART Santa Fe. New Serfer, on the cay and year hereinstore

STATE OF METHINGS.
If Classes V.T. Colores

TO THE STATE OF THE SECOND SEC