

## BEFORE THE OIL CONSERVATION COMMISSION

OF THE STATE OF NEW MEXICO  
SANTA FE, NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 282  
ORDER NO. R-83

THE MATTER OF APPLICATION OF  
S. E. CONE FOR AN ORDER AUTHORIZING  
THE DUAL COMPLETION OF ANDERSON  
NO. 1 IN THE DRINKARD POOL LOCATED  
IN NE/4 SE/4 SECTION 21, TOWNSHIP 21  
SOUTH, RANGE 37 EAST, NMPM, LEA  
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSIONBY THE COMMISSION:

This cause came on for hearing at 10:00 o'clock A.M., on June 21, 1951 at Santa Fe, New Mexico before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 19th day of July 1951, but effective as of June 21, 1951, the Commission having considered the record and the evidence adduced at said hearing, and being fully advised in the premises,

FINDS: 1. That due public notice having been given as required by law, the Commission has jurisdiction of this cause, the persons and subject-matter thereof.

2. That although recent experiments tend to show that mechanical packers and other devices are ordinarily available for successful dual completions, particularly gas-gas, and gas-oil; the Commission, however is unconvinced of the soundness of such dual completions as a general practice in New Mexico without specific control over each such project.

3. That the subject well, located in NE/4 SE/4 Section 21, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico is producing oil from the Drinkard formation from intervals between 6510' and 6628' and penetrates high pressure gas from the tubb sand at approximately 6150' depth, both of which may be economically produced by dual completion.

IT IS THEREFORE ORDERED:

That effective June 21, 1951, the applicant herein, S. E. Cone, be and he hereby is authorized to dually complete and produce his Anderson No. 1 Well located in the NE/4 SE/4, Section 21, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico (Drinkard Pool) in such a manner that gas from the Tubb sand (approximately 6150') may be produced through the annular space between the casing and tubing and oil from the Drinkard formation (6510' - 6628') through the tubing by proper perforations and packer installations;

PROVIDED HOWEVER, That said well for dual completion and production purposes shall be equipped in such a way that reservoir pressures may be determined separately for each of the two separate 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

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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 applicant-operator shall make any and all tests, including segregation tests but not excluding other tests and/or determinations at any convenient time and in such reasonable manner as deemed necessary by the Commission. The original and all subsequent tests shall be witnessed by a representative of the Commission and by representatives of off-set 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 in Santa Fe, New Mexico within ten (10) days after the completion of any such test; and

PROVIDED FURTHER, That prior to the time said well is dually completed the applicant-operator shall furnish the Commission for its approval a drawing showing the proposed method or manner of completion, together with an electric log showing the location and extent of each separate stratum yielding production, and the proposed perforations; and

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

IT IS FURTHER ORDERED, That jurisdiction of this case be and the same hereby is retained by the Commission for such further Order or Orders as may seem necessary to the Commission for the purpose of preventing waste as defined by statute or in protection of correlative rights, and, upon failure of applicant-operator to comply with any requirement of this Order or any subsequent reasonable order issued hereunder, then, and in that event the Commission may terminate the authority hereby granted after proper notice and hearing.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

/s/ EDWIN L. MECHEM, Chairman

/s/ GUY SHEPARD, Member

/s/ R. R. SPURRIER, Secretary

SEAL