

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:

THE MATTER OF APPLICATION OF CONTINENTAL
OIL COMPANY FOR AN ORDER GRANTING
PERMISSION TO DUALY COMPLETE AND PRODUCE
ITS H. M. BRITT A-6, NO. 4, WELL, MONUMENT-
PADDOCK POOL, 2130' FROM SOUTH LINE, AND 510'
FROM THE WEST LINE OF SECTION 6, TOWNSHIP 20 S,
RANGE 37 E, N14PM, LEA COUNTY, NEW MEXICO.

CASE NO. 281
ORDER NO. R-82

ORDER OF THE COMMISSION

BY 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,

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 gas-oil or gas-gas completions, the Commission 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 was completed November 20, 1950, producing oil from the Paddock formation between 5206' and 5218' and encountering Seven Rivers formation gas at 2580' - 2650'.

IT IS THEREFORE ORDERED: That effective June 21, 1951, the applicant herein, Continental Oil Company, be and it hereby is authorized to dually complete and produce its H. M. Britt A-6, No. 4 well (Monument-Paddock Pool) 2130' from the South line and 510' from the West line of Section 6, Twp. 20 S, R. 37E, N14PM, Lea County, New Mexico, in such a manner that gas from the Seven Rivers formation (2580' - 2650') may be produced through the annular space between the casing and tubing, and oil from the Paddock formation (5206' - 5218') through the tubing by proper perforations and packer installations;

PROVIDED, HOWEVER, that said 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 or oil and gas produced or originating from the two respective separate strata, and,

PROVIDED, FURTHER, 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

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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 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 formal 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.

OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

/s/ EDWIN L. MECHEM, Chairman

/s/ GUY SHEPARD, Member

/s/ R. R. SPURRIER, Secretary