

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
*Commission* EXHIBIT No. 5  
CASE 1443

CASE NO. 1373  
Order No. R-1121

APPLICATION OF GULF OIL CORPORATION  
FOR AN OIL-GAS DUAL COMPLETION IN  
THE BLINEBRY OIL POOL AND THE TUBB  
GAS POOL, IN LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on January 29, 1958, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the New Mexico Oil Conservation Commission, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 12th day of February, 1958, the Commission, a quorum being present, having considered the application, the evidence adduced and the recommendations of the Examiner Daniel S. Nutter, 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 and the subject matter thereof.

(2) That the applicant, Gulf Oil Corporation, is the owner and operator of the Alice Paddock No. 5 Well, located 990 feet from the North line and 2310 feet from the East line of Section 1, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the Commission, by Administrative Order No. NSL-114, dated September 1, 1957, authorized the unorthodox gas well location of the above-described Alice Paddock No. 5 Well.

(4) That the Commission, by Administrative Order No. DC-492, dated August 22, 1957, authorized the applicant to effect a gas-gas dual completion of the above-described well in the Blinebry and Tubb formations; upon the actual dual completion of said well it was found that the Blinebry formation is productive of oil rather than gas.

(5) That the applicant now seeks authority to dually complete the above-described Alice Paddock No. 5 Well in such a manner as to permit the production of gas from the Tubb Gas Pool through tubing up to the Blinebry formation and thence through a cross-over flow assembly into the

casing-tubing annulus to the surface, and to permit the production of oil from the Blinebry Oil Pool through the tubing.

(6) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(7) That the approval of the subject application will not cause waste nor impair correlative rights.

(8) That the subject application should be approved.

IT IS THEREFORE ORDERED:

(1) That the applicant, Gulf Oil Corporation, be and the same is hereby authorized to dually complete its Alice Paddock No. 5 Well, located 990 feet from the North line and 2310 feet from the East line of Section 1, Township 22 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of gas from the Tubb Gas Pool through tubing up to the Blinebry formation and thence through a cross-over flow assembly into the casing-tubing annulus to the surface and to permit the production of oil from the Blinebry Oil Pool through the tubing.

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 Annual Gas-Liquid Ratio Test Period for the Tubb Gas Pool, commencing in the year 1959, and whenever the packer is disturbed, but not excluding any other tests and/or determinations as deemed necessary

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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

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

A. L. PORTER, Jr., Member & Secretary

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THE APPLICATION OF GULF OIL CORPORATION  
FOR PERMISSION TO EFFECT DUAL COMPLETION  
OF ITS J. N. CARSON "A" WELL NO. 6,  
LOCATED IN THE NW/4 SE/4 OF SECTION 28,  
TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM,  
LEA COUNTY, NEW MEXICO, IN SUCH A MANNER  
AS TO PERMIT THE PRODUCTION OF GAS FROM  
THE TUBB GAS POOL AND TO PERMIT THE  
PRODUCTION OF OIL FROM THE DRINKARD POOL.

ORDER NO. DC-599

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Rule 112-A (c) Gulf Oil Corporation made application to the New Mexico Oil Conservation Commission on April 28, 1958, for permission to dually complete its J. N. Carson "A" Well No. 6 located in the NW/4 SE/4 of Section 28, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of gas from the Tubb Gas Pool and to permit the production of oil from the Drinkard Pool.

Now, on this 8th day of May, 1958, 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, Gulf Oil Corporation, be and the same is hereby authorized to dually complete its J. N. Carson "A" Well No. 6 located in the NW/4 SE/4 of Section 28, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of gas from the Tubb Gas Pool and to permit the production of oil from the Drinkard Oil Pool, through the casing-tubing annulus and the tubing respectively.

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 Annual Gas-Oil Ratio Test Period for the Drinkard Oil Pool, commencing in the year 1959, 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

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