

SUBJECT: DUAL COMPLETION (GAS-OIL)

SEPTEMBER 21, 1954

APPLICATION OF THE TEXAS COMPANY  
FOR PERMISSION TO EFFECT DUAL COMPLE-  
TION OF ITS WM. WEIR WELL NO. 1, SW/4  
NW/4 SECTION 25, TOWNSHIP 19 SOUTH,  
RANGE 36 EAST, NMPM, LEA COUNTY, NEW  
MEXICO.

ORDER NO. DC-163

ADMINISTRATIVE ORDER  
OF THE OIL CONSERVATION COMMISSION

Under the provisions of Order No. R-316, Rule 112-A, The Texas Company made application to the New Mexico Oil Conservation Commission on September 10, 1954, for permission to dually complete its Wm. Weir Well No. 1, SW/4 NW/4 Section 25, Township 19 South, Range 36 East, NMPM, Lea County, New Mexico, and

The Secretary-Director Finds:

- (1) That application has been duly filed under the provisions of Sub-section 'c' 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.

IT IS THEREFORE ORDERED:

That the applicant herein, The Texas Company, be and it hereby is authorized to dually complete its Wm. Weir No. 1 Well, SW/4 NW/4 Section 25, Township 19 South, Range 36 East, NMPM, Lea County, New Mexico, in such manner that gas from the Queen formation of the Eumont Gas Pool may be produced through the casing-tubing annulus, and oil from the Grayburg-San Andres zone of the Eunice-Monument Oil Pool through the tubing, by proper perforations and the installation of a suitable packer;

PROVIDED, HOWEVER, That subject well shall be completed and thereafter produced in such a manner that there will be no comingling 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 have developed since the well was originally completed. 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 District Office of the Commission at Hobbs, New Mexico, 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, if available.

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 ratio thereof determined; and

PROVIDED FURTHER, That the operator-applicant shall make any and all tests, including segregation tests, but not excluding other tests and/or determinations at any convenient time and in such manner as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of the Commission and 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, and shall be filed with the Commission within ten days after completion of such test; 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 and reservoir pressure determination of 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 .

APPROVED at Santa Fe, New Mexico, on this 21st day of  
September, 1954.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

W. B. Macey  
Secretary - Director

S E A L

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF )  
THE TEXAS COMPANY FOR AN EXCEPTION TO )  
ORDER NO. R-520 TO PERMIT APPLICANT )  
TO ASSIGN A NON-STANDARD 160-ACRE GAS )  
PRORATION UNIT TO ITS WM. WEIR LEASE, )  
LOCATED IN E/2 NE/4 OF SECTION 26 AND )  
W/2 NW/4 OF SECTION 25, TOWNSHIP 19 )  
SOUTH, RANGE 36 EAST, LEA COUNTY, NEW )  
MEXICO. )

CASE NO. 762

PETITION

Comes now The Texas Company, Petitioner herein, and respectfully shows to the Honorable Oil Conservation Commission of the State of New Mexico, as follows:

I.

That the Petitioner is the owner and operator of an oil and gas lease known as its Wm. Weir Lease, covering the E/2 NE/4 of Section 26 and W/2 NW/4 of Section 25, Township 19 South, Range 36 East, Lea County, New Mexico. Order No. R-520 requires standard proration units to be in the form of a square, which is within and covers a governmental section. This Petitioner desires to form a non-standard gas proration unit consisting of the E/2 NE/4 of Section 26 and W/2 NW/4 of Section 25, Township 19 South, Range 36 East.

II.

That the Petitioner proposes to recomplete as a dual its No. 1 well located 1980 feet from the North and 660 feet from the West lines of Section 25 on the aforesaid lease as a gas well to produce from the Eumont Gas Pool.

III.

Unitization of portions of this tract with other tracts within Section 25 so as to form a standard 640-acre gas proration unit is impracticable; that permission has heretofore been granted by Order No. 437 to Amerada Petroleum Corporation in Case No. 645 before this Commission to form a non-standard gas unit for its State "T" Well No. 3 in the SE/4 NW/4 of Section 25, Township 19 South, Range 36 East, wherein a 160-acre proration unit consisting of the E $\frac{1}{2}$ W $\frac{1}{2}$  of said Section is the acreage assigned to said well; that permission has heretofore been granted by Order R-432 to

Skelly Oil Company in Case 637 before the Commission to form a non-standard gas unit for its Christmas Well No. 1 in the SW/4 SW/4 of Section 25, Township 19-S, Range 36-E, wherein an 80-acre proration unit consisting of the W/2 SW/4 of said section is the acreage assigned to said well; and that permission has heretofore been granted by Order R-439 to Amerada Petroleum Corporation in Case 650 before the Commission to form a non-standard gas unit for its Weir "B" Well No. 1 in the SW/4 NE/4 of Section 26, Township 19-S, Range 36-E, wherein a 160-acre proration unit consisting of the W/2 NE/4 and E/2 NW/4 of said section is the acreage assigned to said well.

IV.

That the granting of this application is necessary to protect correlative rights and will not interfere with the establishment of eight 160-acre proration units with eight reasonably spaced gas wells within Sections 25 and 26 as pointed out to the Commission by The Texas Company in combined Cases No. 637, 645 and 650 on February 17, 1954.

V.

Attached hereto and incorporated herein by reference is a plat showing the location of the unit well, the outline of the proposed 160-acre gas proration unit, and other tracts in the four sections and other wells located thereon.

WHEREFORE, Petitioner prays that this matter be set for the October 1954 Hearing, that notice be given thereof as required by law, and that upon final hearing, the Oil Conservation Commission of the State of New Mexico enter its order, authorizing Petitioner to assign a non-standard gas proration unit to its Well No. 1 in accordance with this Petition, and the rules and regulations of the Oil Conservation Commission.

Respectfully submitted,  
THE TEXAS COMPANY

By Warren W. Mankin  
Warren W. Mankin  
Petroleum Engineer

cc-N.M.O.C.C.  
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Hobbs, N.M.