

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF CONSERVATION
AND PREVENTION OF WASTE OF CRUDE
PETROLEUM OIL AND NATURAL GAS IN
THE WEST DOLLARHIDE-DRINKARD, WEST
DOLLARHIDE-DEVONIAN, WEST DOLLARHIDE-
FUSSELMAN AND WEST DOLLARHIDE-ELLENBURGER
POOLS IN LEA COUNTY, NEW MEXICO.

CASE NO. 408
ORDER NO. E-3

EMERGENCY ORDER

WHEREAS, the New Mexico Oil Conservation Commission in executive session, this day at Santa Fe, New Mexico, a quorum being present, considered the matter, and

WHEREAS, it appears that inequities in pool allowables, by reason of differences of method of determination by respective states, exist in the area, with respect to Drinkard and Devonian production,

IT IS THEREFORE ORDERED:

That for the period from 7 o'clock a.m. February 16, 1953, to 7 o'clock a.m. March 1, 1953, the allowable production for the West Dollarhide-Drinkard Pool within New Mexico is hereby fixed at 91 barrels of oil per day; and, that the allowable production for the West Dollarhide-Devonian Pool, within New Mexico, is hereby fixed at 100 barrels of oil per day.

IT IS FURTHER ORDERED, That bottom-hole pressures be immediately taken of all New Mexico wells within the West Dollarhide-Fusselman and West Dollarhide-
Ellenburger Pools in anticipation of modification of Commission Rule 302 to require pressure tests in February and August of each year for the pools aforesaid.

DONE at Santa Fe, New Mexico, this 10th day of February, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

E. L. Mechen

Edwin L. Mechen, Chairman

E. S. Walker

E. S. Walker, Member

R. R. Spurrier

R. R. Spurrier, Secretary

S E A L

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DOLLARHIDE-FUSSELMAN AND WEST DOLLAR-
HIDE-ELLENBURGER POOLS IN LEA COUNTY,
NEW MEXICO.

CASE NO. 408
ORDER NO. E-2

EMERGENCY ORDER

WHEREAS, the New Mexico Oil Conservation Commission in executive session, this day at Santa Fe, New Mexico, a quorum being present, considered the matter, and

WHEREAS, it appears that inequities in pool allowables, by reason of differences of method of determination by respective states, exist in the area, with respect to Drinkard and Devonian production,

IT IS THEREFORE ORDERED:

That for the period from 7 o'clock a.m., February 1, 1953, to 7 o'clock a.m., February 16, 1953, the allowable production for the West Dollarhide-Drinkard Pool within New Mexico is hereby fixed at 91 barrels of oil per day; and, that the allowable production for the West Dollarhide-Devonian Pool, within New Mexico, is hereby fixed at 100 barrels of oil per day.

IT IS FURTHER ORDERED, That bottom hole pressures be immediately taken of all New Mexico wells within the West Dollarhide-Fusselman and West Dollarhide-Ellenburger Pools in anticipation of modification of Commission Rule 302 to require pressure tests in February and August of each year for the pools aforesaid.

DONE at Santa Fe, New Mexico, this 16th day of January, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

E. L. Mechem
Edwin L. Mechem, Chairman

E. S. Walker
E. S. Walker, Member

R. R. Spurrier
R. R. Spurrier, Secretary

S E A L

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OF THE STATE OF NEW MEXICO

IN THE MATTER OF CONSERVATION
AND PREVENTION OF WASTE OF
CRUDE PETROLEUM OIL AND NATURAL
GAS IN THE WEST DOLLARHIDE-DRINKARD,
WEST DOLLARHIDE-DEVONIAN, WEST DOLLAR-
HIDE FUSSELMAN AND WEST DOLLARHIDE-
ELLENBURGER POOLS IN LEA COUNTY,
NEW MEXICO.

CASE NO. 408
Order No. R-265-A

NUNC PRO TUNC ORDER OF THE COMMISSION

It appearing to the Commission that the order heretofore entered in the above-mentioned cause is not a correct statement of fact and intent, inasmuch as Paragraph 3 under the heading It Is Therefore Ordered, states:

That for the West Dollarhide-Fusselman and West Dollarhide-Ellenburger Pools in New Mexico bottom-hole pressure tests of all wells in each pool be, and the same hereby are required to be taken during the months of February and March of each year beginning 1953, and the results immediately furnished to the Commission for such action as may be proper.....

when it should have been shown as:

That for the West Dollarhide-Fusselman and West Dollarhide-Ellenburger Pools in New Mexico bottom-hole pressure tests of all wells in each pool be, and the same hereby are required to be taken during the months of February and August of each year beginning 1953, and the results immediately furnished to the Commission for such action as may be proper.

IT IS THEREFORE ORDERED:

That Order R-265, heretofore entered and distributed by this Commission under date of February 27, 1953, be and the same hereby is corrected to conform to the actual intent of the Commission, and that Paragraph 3 as mentioned be corrected to read as follows:

That for the West Dollarhide-Fusselman and West Dollarhide-Ellenburger Pools in New Mexico bottom-hole pressure tests of all wells in each pool be, and the same hereby are required to be taken during the months of February and August of each year beginning 1953, and the results immediately furnished to the Commission for such action as may be proper.

And said Order R-265 in all other respects is hereby ratified and confirmed.

IT IS FURTHER ORDERED:

That this order correcting the record of said order be entered

-2-

Case No. 408

Order No. R-265-A

nunc pro tunc as of February 27, 1953, to conform with issuance date of original order.

DONE this 19th day of May, 1953.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

E. L. Mechem

EDWIN L. MECHEM, Chairman

E. S. Walker

E. S. WALKER, Member

R. R. Spurrer

R. R. SPURRER, Secretary

S E A L

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF CONSERVATION
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CRUDE PETROLEUM OIL AND NATURAL
GAS IN THE WEST DOLLARHIDE-DRINKARD,
WEST DOLLARHIDE-DEVONIAN, WEST
DOLLARHIDE-FUSSELMAN AND WEST
DOLLARHIDE-ELLENBURGER POOLS IN
LEA COUNTY, NEW MEXICO.

CASE NO. 408
ORDER No. R-265

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on regularly for hearing at 9 o'clock a.m. on February 17, 1953 at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this 27th day of February, 1953, the Commission, a quorum being present, having considered the records introduced and the testimony adduced and being fully advised in the premises,

FINDS:

(1) That due notice having been given as required by law, the Commission has jurisdiction of the case.

(2) That the principles of conservation and prevention of waste will be advanced by identical production allowables for pools known to be common to New Mexico and Texas.

(3) That the production allowable for the West Dollarhide-Drinkard Pool within New Mexico should be set at 91 barrels of oil per day to coincide with a similar daily allowable fixed by the Texas authorities for that part of said pool lying in Texas.

(4) That the production allowable for the West Dollarhide-Devonian Pool within New Mexico should be set at 100 barrels of oil per day to coincide with a similar daily allowable fixed by the Texas authorities for that part of said pool lying within Texas.

(5) By reason of lack of reservoir statistics relating to the West Dollarhide-Fusselman Pool, and the West Dollarhide-Ellenburger Pool, within New Mexico, no change in existing allowables in said pools should be undertaken at this time;

PROVIDED HOWEVER That for said pools in this paragraph mentioned, bottom-hole pressure tests should be required to be taken in the months of February and March of each year.

IT IS THEREFORE ORDERED:

(1) That the production allowable for the West Dollarhide-Drinkard Pool within New Mexico be and the same hereby is fixed at 91 barrels of oil per day beginning at 7:00 o'clock am. M.S.T. March 1, 1953 and continuing until further orders.

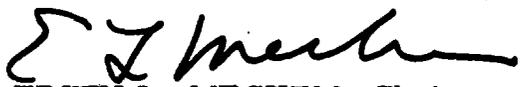
(2) That the production allowable for the West Dollarhide-Devonian Pool within New Mexico be, and the same hereby is fixed at 100 barrels of oil per day beginning at 7:00 o'clock a.m. M.S.T. March 1, 1953, and continuing until further orders.

(3) That for the West Dollarhide-Fusselman and West Dollarhide-Ellenburger Pools in New Mexico bottom-hole pressure tests of all wells in each pool, be and the same hereby are required to be taken during the months of February and March of each year beginning 1953, and the results immediately furnished to the Commission for such action as may be proper.

IT IS FURTHER ORDERED: That jurisdiction of this case be, and it hereby is retained for the purpose of adjusting daily allowables, in cooperation with Texas authorities for the prevention of waste of oil or gas and the protection of correlative rights.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


EDWIN L. MECHEM, Chairman


E. S. WALKER, Member


R. R. SPURRICK, Secretary

S E A L

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

OIL AND GAS PERMIT NO. 126

IN RE: CONSERVATION AND PREVENTION
OF WASTE OF OIL AND NATURAL GAS IN THE
DOLLARHIDE CLEARFORK AND
DOLLARHIDE DEVONIAN FIELDS,
ANDREWS COUNTY, TEXAS & N. M.

Austin, Texas

, 1953

SPECIAL ORDER

FIXING ALLOWABLES FOR THE DOLLARHIDE CLEARFORK
AND DOLLARHIDE DEVONIAN FIELDS, ANDREWS COUNTY, TEXAS

WHEREAS, after due notice, the Railroad Commission of Texas held a hearing on October 23, 1952, in conjunction with the Oil Conservation Commission of New Mexico for the purpose of adjusting allowables for the Dollarhide Clearfork and Dollarhide Devonian Fields, located in Andrews County, Texas; and

WHEREAS, the evidence submitted at said hearing indicates that the Dollarhide Clearfork reservoir extends from Andrews County, Texas, into Lea County, New Mexico, and is found from approximately sixty-two hundred (6,200) feet to seven thousand (7,000) feet; that the Clearfork reservoir produces from dolomite and lime containing some fissure and some vugular porosity; that the porosity development is heterogeneous with poor correlation of the individual porosity streaks even between adjacent wells; that the dip of the producing zone is approximately three hundred (300) feet per mile; that there was no original gas cap; that the estimated saturation pressure was twenty-one hundred ninety (2,190) pounds per square inch at minus thirty-four hundred (3,400) feet; that the estimated original reservoir pressure was twenty-eight hundred eighty-nine (2,889) pounds per square inch at the same datum; that the bottomhole pressure has declined to approximately eighteen hundred (1,800) pounds per square inch while producing two and one-half million (2,500,000) barrels of oil, and that the production history to date is typical of a solution gas drive reservoir;

WHEREAS, the Dollarhide Devonian reservoir is found at a top of approximately forty-five hundred (4,500) feet subsea; that the Devonian reservoir produces oil in both Andrews County, Texas, and Lea County, New Mexico, and that the reservoir is continuous in both Andrews County, Texas, and Lea County, New Mexico; that production is from a fractured dolomite and a weathered chert of Devonian age; that the estimated saturation pressure was twenty-seven hundred seventy-five (2,775) pounds per square inch at minus forty-six hundred (4,600) feet; that the original reservoir pressure was thirty-two hundred thirty-three (3,233) pounds per square inch at minus forty-six hundred (4,600) feet; that the present arithmetic reservoir pressure has declined to approximately twenty-one hundred sixty (2,160) pounds per square inch while producing seven and one-half million (7,500,000) barrels of oil; that good gravity segregation is apparent as the high gas-oil ratio wells are located on the crest of the structure; that the production is obtained by means of a solution gas drive;

WHEREAS, since these Dollarhide reservoirs extend across the State lines and inequities in field allowables exist as a result of differences in the methods of their determination in the two States, this hearing was held for the purpose of determining what allowables were necessary to bring about an equity in the withdrawals of oil consistent with the prevention of waste from the Dollarhide Clearfork and Dollarhide Devonian reservoirs extending across the State lines of Texas and New Mexico.

NOW, THEREFORE, IT IS ORDERED by the Railroad Commission of Texas that effective _____, 1953, the Dollarhide Clearfork and Dollarhide Devonian Fields both be exempted from shutdown days.

IT IS FURTHER ORDERED that the allowable for the Dollarhide Clearfork Field will be established at ninety-one (91) barrels per day per well, and that the allowable for the Dollarhide Devonian Field will be established at one hundred (100) barrels per day per well.

IT IS FURTHER ORDERED that this cause be held open on the docket for such other and further orders as may be necessary.

RAILROAD COMMISSION OF TEXAS

ILLEGIBLE

Chairman

Commissioner

APPROVED: