

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:

CASE NO. 1452  
Order No. R-1209

APPLICATION OF AMERADA PETROLEUM  
CORPORATION FOR THE DUAL COMPLETION  
OF A WELL TO PRODUCE OIL FROM THE  
PENNSYLVANIAN FORMATION ADJACENT TO  
THE EAST CAPROCK PENNSYLVANIAN POOL,  
LEA COUNTY, NEW MEXICO AND TO PERMIT  
THE INJECTION OF SALT WATER THROUGH  
THE CASING-TUBING ANNULUS INTO THE  
DEVONIAN FORMATION.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 28, 1958, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 20<sup>th</sup> day of June, 1958, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, 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, Amerada Petroleum Corporation, is the owner and operator of the H. C. Posey "A" No. 4 Well, located in the NW/4 NE/4 of Section 14, Township 12 South, Range 32 East, NMPM, Lea County, New Mexico, and that said well is now depleted in the Devonian formation and that the applicant proposes to re-complete the well in the Pennsylvanian formation adjacent to the East Caprock Pennsylvanian Pool.

(3) That the applicant proposes to dually complete the said H. C. Posey "A" Well No. 4 in such a manner as to permit the disposal of salt water in the Devonian formation below the water-oil contact, with the salt water being injected down the casing-tubing annulus to the upper packer, through 2 1/2-inch tubing between the upper and the lower packer, thence down 5 1/2-inch casing below the lower packer to the disposal interval.

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(4) That the applicant failed to prove that by use of the proposed mechanical installation the Pennsylvanian formation can be effectively isolated from the injected salt water.

(5) That the invasion of salt water into the Pennsylvanian formation would cause waste.

(6) That the application for dual completion of the said H. C. Posey "A" No. 4 Well should be denied.

(7) That the disposal of salt water into the Devonian formation below the water-oil contact will not cause waste provided the said H. C. Posey "A" No. 4 Well is not open to the Pennsylvanian formation.

(8) That the applicant should be permitted to utilize the said H. C. Posey "A" No. 4 Well as a salt water disposal well in the Devonian formation below the water-oil contact.

IT IS THEREFORE ORDERED:

1. That the application of Amerada Petroleum Corporation for permission to dually complete its H. C. Posey "A" No. 4 Well, located in the NW/4 NE/4 of Section 14, Township 12 South, Range 32 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of oil from the Pennsylvanian formation adjacent to the East Caprock-Pennsylvanian Pool through 2-inch tubing and to permit the injection of salt water below the water-oil contact in the Devonian formation through the casing-tubing annulus to the upper packer, through 2 1/2-inch tubing between the upper and the lower packer, thence down 5 1/2-inch casing below the lower packer to the disposal interval, be and the same is hereby denied.

2. That the applicant, Amerada Petroleum Corporation, be and the same is hereby granted permission to utilize the said H. C. Posey "A" Well No. 4 as a salt water disposal well, by injecting the salt water into the Devonian formation below the water-oil contact, provided said well is not open to the Pennsylvanian formation.

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

