BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 4970
Order No. R-4561

APPLICATION OF ROBERT G. COX
FOR DIRECTIONAL DRILLING,
EDDY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 23, 1973, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 25th day of June, 1973, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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, Robert G. Cox, is the owner and operator of the Federal "EA" Well No. 1, a crooked hole, the surface location of which is 330 feet from the North line and 330 feet from the West line of Section 12, Township 18 South, Range 27 East, NMPM, Empire-Abo Pool, Eddy County, New Mexico.

(3) That the subject well has deviated 23 feet to the South and 172 feet to the West of the surface location at a measured depth of 6050 feet (true vertical depth 6046 feet) in the Empire-Abo Pool.

(4) That because of mechanical difficulties applicant has been unable to complete said well to produce from the Empire-Abo Pool at the aforesaid bottom-hole location.

(5) That the applicant proposes to set a whipstock at approximately 4,200 feet and to directionally drill in such a manner as to return the hole to the vertical, and to bottom said well at a depth of 6,200 feet approximately beneath the surface location in the Empire-Abo Pool.

(6)   That the applicant should be required to determine
the subsurface location of the bottom of the hole by means of
a continuous multi-shot directional survey conducted subsequent
to said directional drilling, if said well is to be completed
as a producing well.

(7)   That approval of the subject application will prevent
the drilling of unnecessary wells, avoid the augmentation of
risk arising from the drilling of an excessive number of wells,
and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1)   That the applicant, Robert G. Cox, is hereby authorized
to reenter his Federal "EA" Well No. 1, the surface location of
which is 330 feet from the North line and 330 feet from the
West line of Section 12, Township 18 South, Range 27 East, NMPM,
Empire-Abo Pool, Eddy County, New Mexico, and to set a whip-
stock at approximately 4,200 feet and to directionally drill
said well to a depth of approximately 6,200 feet, bottoming
the well in the Empire-Abo Pool at a point within 100 feet of
the surface location.

PROVIDED HOWEVER, that subsequent to the above-described
directional drilling should said well be a producer, a con-
tinuous multi-shot directional survey shall be made of the well
bore from total depth to the whipstock point with shot points
not more than 100 feet apart; that the operator shall cause
the surveying company to forward a copy of the survey report
directly to the Santa Fe Office of the Commission, Box 2088,
Santa Fe, New Mexico, and that the operator shall notify the
Commission's Artesia District Office of the date and time said
survey is to be commenced.

(2)   That Form C-105 shall be filed in accordance with
Commission Rule 1108 and the operator shall indicate thereon
true vertical depths in addition to measured depths.

(3)   That the NW/4 NW/4 of said Section 12 shall be dedicated
to the subject well.

(4)   That jurisdiction of this cause is retained for the
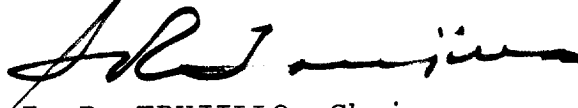entry of such further orders as the Commission may deem neces-
sary.

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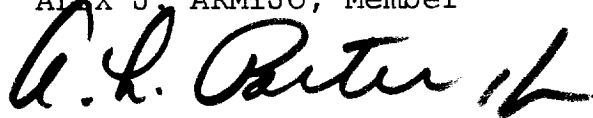Order No. R-4561

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member

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

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