

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 11128
ORDER NO. R-10277

APPLICATION OF ENRE CORP. FOR A HIGH ANGLE/HORIZONTAL
DIRECTIONAL DRILLING PROJECT, SPECIAL OPERATING RULES
THEREFOR, AND AN OIL WELL LOCATION, RIO ARRIBA
COUNTY, NEW MEX.

VISION

BY THE DIVISION:

This cause came on at 8:15 a.m. on October 27, 1994, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 14th day of December, 1994 the Division Director, having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, EnRe Corporation, seeks authority to initiate a high angle/horizontal directional drilling pilot project in the West Puerto Chiquito-Mancos Oil Pool underlying a proposed project area comprising all of Section 15, Township 27 North, Range 1 West, NMPM, Rio Arriba County, New Mexico, thereby creating a standard 640-acre oil spacing and proration unit for said pool.

(3) The proposed pilot project area is within the boundaries of the West Puerto Chiquito-Mancos Oil Pool and, as such, is subject to the Special Rules and Regulations for said pool as promulgated by Division Order No. R-6469-B, as amended, which provides for 640-acre spacing and proration units with an allowable of 800 barrels of oil per day and for all wells to be no closer than 1650 feet to the outer boundary of a proration unit nor closer than 330 feet to an inner quarter-quarter section line of sub-division inner boundary.

(12) The applicant should be required to determine the actual location of the kick-off point prior to commencing directional drilling operations. Also, the applicant should be required to conduct a directional survey on the lateral portion of the wellbore during or after completion of drilling operations.

(13) The applicant should notify the supervisor of the Aztec district office of the Division of the date and time of conductance of any directional surveys in order that the same may be witnessed.

(14) The applicant should be required to submit copies of all directional surveys conducted on the subject well to both the Santa Fe and Aztec offices of the Division.

(15) The Division Director should be authorized to administratively approve the drilling of an additional high angle/horizontal wellbore within the project area should mechanical difficulties preclude the completion of horizontal drilling operations on the Los Indios Canyon "15N" Well No. 1. Such application should include the proposed surface location, direction and extent of the lateral, and the proposed bottomhole location. In addition, a copy of the application should be furnished to each operator offsetting the project area by certified or registered mail, and the application should state that such notice has been given. The Division Director may approve the application upon receipt of waivers from all offset operators or if no offset operator has entered an objection to the proposed horizontal wellbore within 20 days after the Director has received the application.

IT IS THEREFORE ORDERED THAT:

(1) The applicant EnRe Corporation, is hereby authorized to initiate a high angle/horizontal directional drilling pilot project in the West Puerto Chiquito-Mancos Oil Pool underlying all of Section 15, Township 27 North, Range 1 West, NMPM, Rio Arriba County, New Mexico, thereby forming a standard 640-acre oil spacing and proration unit for said pool.

(2) The applicant is further authorized to drill its Los Indios Canyon "15N" Well No. 1 from an unorthodox surface location 1295 feet from the South line and 1360 feet from the West line (Unit N) of Section 15 in the following unconventional manner:

Drill vertically to a depth of approximately 6145 feet. Kick off from the vertical at this depth and drill in an easterly direction building angle at a rate of 8 degrees/100 feet to a depth of approximately 7270 feet at the top of the Mancos "B" interval. Continue drilling horizontally within the Mancos "B" interval a distance of approximately 2100 feet.