

Entered January 16, 1979
JGR

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

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

CASE NO. 6409
Order No. R-5906

APPLICATION OF ATLANTIC RICHFIELD
COMPANY FOR DIRECTIONAL DRILLING,
EDDY COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on December 20, 1978, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 16th day of January, 1979, the Division Director, 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 Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Atlantic Richfield Company, seeks approval for the directional drilling of four wells on its Empire Abo Unit Area, Empire-Abo Pool, Eddy County, New Mexico, as follows:

In Township 17 South, Range 28 East:

Well No. D-361, surface location 136 feet from the South line and 800 feet from the East line of Section 27, bottom-hole location 300 feet from the North line and 500 feet from the East line of Section 34; this well would be designated as being in Unit A of Section 34.

Well No. E-392, surface location 959 feet from the North line and 2400 feet from the East line, bottom-hole location 600 feet from the North line and 2500 feet from the East line, in Unit C of Section 35.

-2-

Case No. 6409

Order No. R-5906

In Township 18 South, Range 27 East:

Well No. K-131, surface location 1500 feet from the South line and 600 feet from the West line, bottom-hole location 1600 feet from the South line and 250 feet from the West line, in Unit L of Section 2; and

Well No. L-133, surface location 800 feet from the South line and 950 feet from the West line, bottom-hole location 1250 feet from the South line and 700 feet from the West line, in Unit M of Section 2.

(3) That all of the above wells would be bottomed at unorthodox locations within 150 feet of the described bottom-hole locations.

(4) That the applicant should be required to determine the subsurface locations of the bottom of the holes of each of the wells by means of a continuous multi-shot directional drilling, if said well is to be completed as a producing well.

(5) 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, Atlantic Richfield Company, is hereby authorized to directional drill four wells on its Empire Abo Unit Area, Empire-Abo Pool, Eddy County, New Mexico, bottoming them at unorthodox locations as follows:

In Township 17 South, Range 28 East:

Well No. D-361, surface location 136 feet from the South line and 800 feet from the East line of Section 27, bottom-hole location 300 feet from the North line and 500 feet from the East line of Section 34 in Unit A;

Well No. E-392, surface location 959 feet from the North line and 2400 feet from the East line, bottom-hole location 600 feet from the North line and 2500 feet from the East line, Section 35 in Unit C.

In Township 18 South, Range 27 East:

Well No. K-131, surface location 1500 feet from the South line and 600 feet from the West line, bottom-hole location 1600 feet from the South line and 250 feet from the West line, Section 2 in Unit L; and

-3-

Case No. 6409
Order No. R-5906

Well No. L-133, surface location 800 feet from the South line and 950 feet from the West line, bottom-hole location 1250 feet from the South line and 700 feet from the West line, Section 2 in Unit M.

(2) That all of the above wells would be bottomed at unorthodox locations within 150 feet of the described bottom-hole locations.

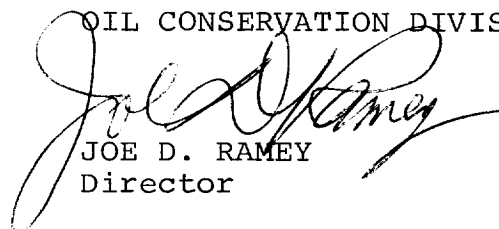
PROVIDED HOWEVER, that subsequent to the above-described directional drilling, should any of said wells be a producer, a continuous multi-shot directional survey shall be made of the wellbore from total depth to the surface with shot points not more than 100 feet apart; that the operator shall cause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

(3) That Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depths in addition to measured depths.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION



JOE D. RAMEY
Director

S E A L

fd/