

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF ANADARKO PRODUCTION COMPANY FOR AUTHORITY TO INSTALL AND OPERATE A WATERFLOOD PROJECT IN THE LOCO HILLS POOL, INCLUDING THE CONVERSION TO INJECTION OF TWELVE WELLS, THE DRILLING OF ELEVEN ADDITIONAL INJECTION WELLS, THREE OF WHICH WILL BE AT UNORTHODOX LOCATIONS ALL WITHIN THE BOUNDARIES OF THE BALLARD GRAYBURG SAN ANDRES UNIT LOCATED IN SECTIONS 4, 5, 6, 7, 8, 9, 17, and 18, TOWNSHIP 18 SOUTH, RANGE 29 EAST, EDDY COUNTY, NEW MEXICO, AND FOR THE EXTENSION OF THE LOCO-HILLS POOL TO INCLUDE THE NW/4 OF SECTION 7, T 18 S, R 29 E, N.M.P.M., AND TO DELETE THAT ACREAGE FROM THE ARTESIA POOL AND FURTHER, FOR APPROVAL OF ADMINISTRATIVE PROCEDURES FOR EXPANSION OF SAID WATERFLOOD PROJECT.

*Case 4912*

A P P L I C A T I O N

COMES now ANADARKO PRODUCTION COMPANY and applies to the Oil Conservation Commission of New Mexico for authority to install and operate a waterflood project in the Loco-Hills Pool by the conversion of twelve wells to water injection, the drilling of eleven additional injection wells, three of which will be at unorthodox locations within the boundaries of the Ballard Grayburg-San Andres Unit located in Sections 4, 5, 6, 7, 8, 9, 17 and 18, Township 18 South, Range 29 East, Eddy County, New Mexico; and for revision of the Loco-Hills Pool Nomenclature to include the NW/4 of Section 7; and for procedures for Administrative Approval to expand said waterflood project; and in support thereof would show:

DOCKET MAILED

Date 2/16/73

1. Applicant is the operator of the proposed Ballard Grayburg San Andres Unit embracing lands described as:

Township 18 South, Range 29 East, N.M.P.M.

Section 4: W/2 W/2

Section 5: All

Section 6: E/2, and SE/4 SW/4

Section 7: Lots 1 & 2, E/2 NW/4, NE/4, E/2 SE/4,  
and NW/4 SE/4

Section 8: All

Section 9: NW/4 NW/4

Section 17: NE/4 NE/4, W/2 NE/4, and NW/4

Section 18: NE/4 NE/4

All in Eddy County, New Mexico and containing 2580.59 acres, more or less.

2. Applicant proposes to institute a waterflood project within the boundaries of the unit area in the Loco-Hills Pool.

3. Applicant proposes to convert to water injection, twelve wells within the unit boundary as designated on the plat attached and marked Exhibit No. 1.

4. Applicant proposes to drill eight additional wells at orthodox locations for water injection within the unit boundary as designated on the plat attached and marked Exhibit No. 1.

5. Applicant proposes to drill three additional wells at unorthodox locations within the unit boundary for water injection into the Grayburg and Jackson reservoirs as follows:

(a) A well located 1320 feet from the South line and 20 feet from the East line of Section 8, Township 18 South, Range 29 East, N.M.P.M., Eddy County, New Mexico.

(b) A well located 20 feet from the North line and 1500 feet from the East line of Section 5, Township 18 South, Range 29 East, N.M.P.M., Eddy County, New Mexico.

(c) A well located 20 feet from the North line and 1200 feet from the West line of Section 5, Township 18 South, Range 29 East, N.M.P.M., Eddy County, New Mexico.

6. Applicant further requests that Administrative Procedures be authorized whereby modification or expansion of the unit including the drilling of additional injection wells and/or producing wells at both orthodox and unorthodox locations may be approved without further notice and hearing.

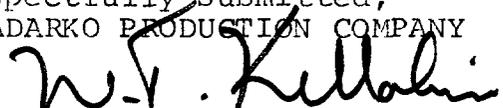
7. Applicant further requests that the Loco-Hills Pool be extended to include the NW/4 of Section 7, Township 18 South, Range 29 East, N.M.P.M., Eddy County, New Mexico and that this same acreage be deleted from the Artesia Pool.

8. The granting of this application will result in the prevention of waste and the protection of correlative rights.

WHEREFORE, Applicant respectfully requests this matter be set for hearing before the Commission's duly appointed Examiner and that upon hearing, an order be entered authorizing the installation and operation of a waterflood project in the Ballard Grayburg San Andres Unit; approving the drilling of additional wells as prayed for; contracting the Artesia Pool and expanding the Loco-Hills Pool as prayed for; and establishing Administrative Procedures for expansion of the said project including the drilling of additional injection and/or producing wells at both orthodox and unorthodox locations as described above.

Respectfully Submitted,  
ANADARKO PRODUCTION COMPANY

By



KELLAHIN & FOX

P. O. Box 1769

Santa Fe, New Mexico 87501

ATTORNEYS FOR PETITIONER