



# PETROLEUM DEVELOPMENT CORPORATION

## Fax Cover Sheet

Date: Sept. 12, 1994

11084

Attn: Mike Stoguer

Company Name: NM OCC

Ph # 827-5811

Fax # 827-5741

From: Jim C. Johnson

Petroleum Development Corporation  
9720 B Candelaria, NE  
Albuquerque, NM 87112  
Ph. # (505) 293-4044  
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Comments: Dear Mike,

I wanted to get these to you as soon as I found they had  
not been submitted. See you at the hearing.

Thanks ,

JIM C. JOHNSON

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. 11082, 11083, 11084

APPLICATION OF Petroleum Development Corporation for a high angle/horizontal  
directional drilling pilot project and for special operating rules therefor,  
Chaves County, New Mexico.

PRE-HEARING STATEMENT

This prehearing statement is submitted by Petroleum Development Corporation  
as required by the Oil Conservation Division.

APPEARANCES OF PARTIES

APPLICANT

ATTORNEY

Petroleum Development Corporation

Annie Laurie Coogan

9720-b Candelaria N.E.

P. O. Box 2073

Albuq. NM 87110

Espanola NM 87532

(505) 2934044

1-800-933-2214

Jim C. Johnson

name, address, phone and  
contact person

OPPOSITION OR OTHER PARTY

ATTORNEY

name, address, phone and  
contact person

Judicial Hearing Statement  
MOCD Case No. 11082  
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### STATEMENT OF CASE

#### APPLICANT

(Please make a concise statement of what is being sought with this application and the reasons therefore.)

**CASE 11082:** Application of Petroleum Development Corporation for a high angle/horizontal directional drilling pilot project and for special operating rules therefor, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a short-radius horizontal directional drilling pilot project in the Tom Tom-San Andres Pool on its State "32" Lease comprising the S/2 SW/4 and NW/4 SE/4 of Section 32, Township 7 South, Range 31 East. Initially the applicant proposes to utilize the existing State "32" Well Nos. 2 and 4 located in Units "J" and "N", respectively, of said Section 32 by kicking-off from vertical, build angle to approximately 90 degrees with a short-radius curve and continue drilling a horizontal drainhole within said pool. Applicant further seeks the promulgation of special rules and provisions therein including the designation of a prescribed area limiting the horizontal displacement of any drainhole to within 100 feet of the boundary circumventing said project area, an administrative process for future drainholes, the creation and formation of oversized and irregular shaped spacing and proration units to accommodate such wellbores, and the assignment of a special oil allowable to units with drainholes or to assign a special project allowable for the project area should it be deemed advisable. Said project area is located approximately 13 miles south by west of Kenna, New Mexico.

#### OPPOSITION OR OTHER PARTY

(Please make a concise statement of the basis for opposing this application or otherwise state the position of the party filing this statement.)

Public Hearing Statement  
MOCD Case No. 11083  
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## STATEMENT OF CASE

### APPLICANT

(Please make a concise statement of what is being sought with this application and the reasons therefore.)

CASE 11083: Application of Petroleum Development Corporation for a high angle/horizontal directional drilling pilot project and for special operating rules therefor, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a short-radius horizontal directional drilling pilot project in the Tomahawk-San Andres Pool on its Tom State "36" Lease comprising the NE/4 NE/4, S/2 NE/4, and SE/4 of Section 36, Township 7 South, Range 31 East. Initially the applicant proposes to utilize the existing Tom State "36" Well Nos. 1, 4, and 5 located in Units "A", "J", and "P", respectively, of said Section 36 by kicking-off from vertical, build angle to approximately 90 degrees with a short-radius curve and continue drilling a horizontal drainhole within said pool. Applicant further seeks the promulgation of special rules and provisions therein including the designation of a prescribed area limiting the horizontal displacement of any drainhole to within 100 feet of the boundary circumventing said project area, an administrative process for future drainholes, the creation and formation of oversized and irregular shaped spacing and proration units to accommodate such wellbores, and the assignment of a special oil allowable to units with drainholes or to assign a special project allowable for the project area should it be deemed advisable. Said project area is located approximately 13 miles south by east of Kenna, New Mexico.

### OPPOSITION OR OTHER PARTY

(Please make a concise statement of the basis for opposing this application or otherwise state the position of the party filing this statement.)

J-hearing Statement  
MOCD Case No. 11084  
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## STATEMENT OF CASE

### APPLICANT

(Please make a concise statement of what is being sought with this application and the reasons therefore.)

CASE 11084: Application of Petroleum Development Corporation for a high angle/horizontal directional drilling pilot project and for special operating rules therefor, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a short-radius horizontal directional drilling pilot project in the Tom Tom-San Andres Pool on its Miller Federal Lease comprising the S/2 NE/4, SE/4 NW/4, S/2 SW/4, and SE/4 of Section 34 and the S/2 of Section 35, both in Township 7 South, Range 31 East. Initially the applicant proposes to utilize the existing Miller Federal lease Well Nos. 3, 6, 7, 8, and 9 by kicking-off from vertical, build angle to approximately 90 degrees with a short-radius curve and continue drilling a horizontal drainhole within said pool. Applicant further seeks the promulgation of special rules and provisions therein including the designation of a prescribed area limiting the horizontal displacement of any drainhole to within 100 feet of the boundary circumventing said project area, an administrative process for future drainholes, the creation and formation of oversized and irregular shaped spacing and proration units to accommodate such wellbores, and the assignment of a special oil allowable to units with drainholes or to assign a special project allowable for the project area should it be deemed advisable. Said project area is located approximately 13 miles south by east of Kenna, New Mexico.

### OPPOSITION OR OTHER PARTY

(Please make a concise statement of the basis for opposing this application or otherwise state the position of the party filing this statement.)

Pre-hearing Statement  
NMOCB Case No. 11082, 11083, 11084  
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PROPOSED EVIDENCE

APPLICANT

WITNESSES (Name and expertise)	EST. TIME	EXHIBITS
J. C. Johnson Petroleum Engineer 35 years Oil and Gas Exploration and Production from Canada to Gulf Coast	15 minutes	(4)

OPPOSITION

WITNESSES (Name and expertise)	EST. TIME	EXHIBITS

PROCEDURAL MATTERS  
(Please identify any procedural matters which  
need to be resolved prior to the hearing)

None

\_\_\_\_\_  
Signature

**DOCKET: EXAMINER HEARING - THURSDAY - SEPTEMBER 15, 1994****8:15 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING****SANTA FE, NEW MEXICO**

Dockets Nos. 28-94 and 29-94 are tentatively set for September 29, 1994 and October 13, 1994. Applications for hearing must be filed at least 23 days in advance of hearing date. The following cases will be heard by an Examiner:

**CASE 11068: (This Case will be dismissed - Continued from August 18, 1994, Examiner Hearing.)**

Application of Arco Permian to rescind Division Order No. R-4808-A and for the adoption of special rules and regulations for the Riverwolf Unit (the former Citgo Empire-Abo Unit) including special oil allowable provisions, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks rescission of Division Order No. R-4808-A, which order provided for development of the Riverwolf Unit, formerly the Citgo Empire-Abo Unit, under statewide rules and seeks adoption of special allowable limits which will permit production rates at levels constituent with withdrawals from the off-setting Empire-Abo Unit. This unit is located approximately 8 miles east of Artesia, New Mexico.

**CASE 11069: (This Case will be dismissed - Continued from August 18, 1994, Examiner Hearing.)**

Application of Arco Permian for amendment of the special rules and regulations for the Empire-Abo Pressure Maintenance Project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of the special rules and regulations for the Empire-Abo Pressure Maintenance Project Area, as promulgated by Division Order Nos. R-4549 through R-4549-G, to permit partial gas sales of project gas and to amend the reporting requirements for project operations to accommodate these sales. This unit is located 6 to 12 miles east of Artesia, New Mexico.

**CASE 11082: Application of Petroleum Development Corporation for a high angle/horizontal directional drilling pilot project and for special operating rules therefor, Chaves County, New Mexico.** Applicant, in the above-styled cause, seeks authority to institute a short-radius horizontal directional drilling pilot project in the Tom Tom-San Andres Pool on its State "32" Lease comprising the S/2 SW/4 and NW/4 SE/4 of Section 32, Township 7 South, Range 31 East. Initially the applicant proposes to utilize the existing State "32" Well Nos. 2 and 4 located in Units "J" and "N", respectively, of said Section 32 by kicking-off from vertical, build angle to approximately 90 degrees with a short-radius curve and continue drilling a horizontal drainhole within said pool. Applicant further seeks the promulgation of special rules and provisions therein including the designation of a prescribed area limiting the horizontal displacement of any drainhole to within 100 feet of the boundary circumventing said project area, an administrative process for future drainholes, the creation and formation of oversized and irregular shaped spacing and proration units to accommodate such wellbores, and the assignment of a special oil allowable to units with drainholes or to assign a special project allowable for the project area should it be deemed advisable. Said project area is located approximately 13 miles south by west of Kenna, New Mexico.

**CASE 11083: Application of Petroleum Development Corporation for a high angle/horizontal directional drilling pilot project and for special operating rules therefor, Chaves County, New Mexico.** Applicant, in the above-styled cause, seeks authority to institute a short-radius horizontal directional drilling pilot project in the Tomahawk-San Andres Pool on its Tom State "36" Lease comprising the NE/4 NE/4, S/2 NE/4, and SE/4 of Section 36, Township 7 South, Range 31 East. Initially the applicant proposes to utilize the existing Tom State "36" Well Nos. 1, 4, and 5 located in Units "A", "J", and "P", respectively, of said Section 36 by kicking-off from vertical, build angle to approximately 90 degrees with a short-radius curve and continue drilling a horizontal drainhole within said pool. Applicant further seeks the promulgation of special rules and provisions therein including the designation of a prescribed area limiting the horizontal displacement of any drainhole to within 100 feet of the boundary circumventing said project area, an administrative process for future drainholes, the creation and formation of oversized and irregular shaped spacing and proration units to accommodate such wellbores, and the assignment of a special oil allowable to units with drainholes or to assign a special project allowable for the project area should it be deemed advisable. Said project area is located approximately 13 miles south by east of Kenna, New Mexico.

**CASE 11084: Application of Petroleum Development Corporation for a high angle/horizontal directional drilling pilot project and for special operating rules therefor, Chaves County, New Mexico.** Applicant, in the above-styled cause, seeks authority to institute a short-radius horizontal directional drilling pilot project in the Tom Tom-San Andres Pool on its Miller Federal Lease comprising the S/2 NE/4, SE/4 NW/4, S/2 SW/4, and SE/4 of Section 34 and the S/2 of Section 35, both in Township 7 South, Range 31 East. Initially the applicant proposes to utilize the existing Miller Federal lease Well Nos. 3, 6, 7, 8, and 9 by kicking-off from vertical, build angle to approximately 90 degrees with a short-radius curve and continue drilling a horizontal drainhole within said pool. Applicant further seeks the promulgation of special rules and provisions therein including the designation of a prescribed area limiting the horizontal displacement of any drainhole to within 100 feet of the boundary circumventing said project area, an administrative process for future drainholes, the creation and formation of oversized and irregular shaped spacing and proration units to accommodate such wellbores, and the assignment of a special oil allowable to units with drainholes or to assign a special project allowable for the project area should it be deemed advisable. Said project area is located approximately 13 miles south by east of Kenna, New Mexico.

**CASE 10530: (Reopened)**

In the matter of Case No. 10530 being reopened pursuant to the provisions of Order Nos. R-9721 and R-9722-A, which promulgated special rules and regulations for the West Lovington-Strawn Pool including a provision for 80-acre spacing. Operators in the subject pool should be prepared to appear and show cause why the temporary special rules and regulations for the West Lovington-Strawn Pool should not be rescinded and said pool not be developed on 40-acre spacing units.

**CASE 10669: (Reopened)**

In the matter of Case No. 10669 being reopened pursuant to the provisions of Order No. R-9875, as amended, which promulgated special rules and regulations for the Northeast Pollack-Wolfcamp Pool, including a provision for 160-acre spacing. Operators in the subject pool should be prepared to appear and show cause why the temporary special rules and regulations for the Northeast Pollack-Wolfcamp Pool should not be rescinded and said pool not be developed on 40 acre spacing units.

**CASE 11085: Application of RMI Environmental Services, Inc. for a permit to construct and operate a commercial wastewater evaporation pond, San Juan County, New Mexico.** Applicant, in the above-styled cause, seeks authorization to construct a synthetic double lined wastewater evaporation pond equipped with proper leak detection for the purpose of commercially disposing of nonhazardous wastewater produced in conjunction with coalbed methane. Said pond is to be located in the SE/4 equivalent of Section 11, Township 32 North, Range 7 West, which is approximately 1/2 mile south of the Colorado/New Mexico stateline on the east side of Tiffany Road.

**CASE 11086: Application of C & C Landfarm, Inc. for expansion of a commercial surface waste disposal facility, Lea County, New Mexico.** C & C Landfarm, Inc. under Commission Order No. R-9769-A, dated April 29, 1993, was granted the authority to construct and operate a commercial "landfarm" facility for the remediation of non-hazardous hydrocarbon contaminated soils utilizing an enhanced biodegradation process on a site located in the SW/4 NE/4 (Unit G) of Section 3, Township 20 South, Range 37 East. At this time the applicant, in the above-styled cause, seeks to expand said facility by including an adjoining 40-acre tract comprising the NW/4 NE/4 (Unit B) of said Section 3, which is approximately 2 miles southeast of Monument, New Mexico.

**CASE 11087: Application of Nearburg Exploration Company for compulsory pooling, Eddy County, New Mexico.** Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the top of the Wolfcamp formation to the base of the Cisco formation, underlying the NW/4 of Section 22, Township 19 South, Range 25 East, forming a standard 160-acre spacing and proration unit for any and all formations and/or pools developed on 160-acre spacing within said vertical extent, which presently includes only the Undesignated North Dagger Draw-Upper Pennsylvanian Pool. Said unit is to be dedicated to its proposed Ross Ranch "22" Well No. 2 to be drilled and completed at a standard location in the SW/4 NW/4 (Unit E) in said Section 22. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as the operator of the well and a charge for risk involved in drilling and completing said well. Said unit is located approximately 6 miles west by north of Lakewood, New Mexico.

**CASE 11057: (Continued from September 1, 1994, Examiner Hearing.)**

**Application of Mallon Oil Company for compulsory pooling, Lea County, New Mexico.** Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Delaware formation underlying the SW/4 NW/4 of Section 27, Township 19 South, Range 34 East, forming a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre spacing within said vertical extent. Said unit is to be dedicated to its Mallon "27" Federal Well No. 3 to be drilled and completed at a standard oil well location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as the operator of the well and a charge for risk involved in drilling and completing said well. Said unit is located approximately 8 miles east of Laguna Tonto, New Mexico.

**CASE 11058: (Continued from September 1, 1994, Examiner Hearing.)**

**Application of Mallon Oil Company for compulsory pooling, Lea County, New Mexico.** Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Delaware formation underlying the SE/4 SW/4 of Section 27, Township 19 South, Range 34 East, forming a standard 40-acre oil spacing and proration unit for any and all formations and/or pools developed on 40-acre spacing within said vertical extent. Said unit is to be dedicated to its Mallon "27" Federal Well No. 1 to be drilled and completed at a standard oil well location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as the operator of the well and a charge for risk involved in drilling and completing said well. Said unit is located approximately 8 miles east of Laguna Tonto, New Mexico.