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

# IN THE MATTER OF THE APPLICATION OF THE NEW MEXICO OIL CONSERVATION DIVISION FOR REPEAL OF EXISTING RULES 709, 710 AND 711 CONCERNING SURFACE WASTE MANAGEMENT AND ADOPTION OF NEW RULES GOVERNING SURFACE WASTE MANAGEMENT.

## CASE NO. 13586

## **PRE-HEARING STATEMENT**

This Pre-Hearing Statement is submitted by Holland & Hart LLP as required by Oil Conservation Division Rule 19.15.14.1204.B NMAC.

#### **APPEARANCES OF PARTIES**

#### APPLICANT

New Mexico Oil Conservation Division

#### **OTHER PARTIES**

Burlington Resources Oil & Gas Company BP America Production Company, Inc. Chesapeake Operating, Inc. Chevron Texaco **Conoco Phillips Devon Energy Corporation Dugan Production Corporation Energen Resources Corporation** Marathon Oil Company Marbob Energy Corporation OXY USA, INC. Occidental Permian, LTD **OXY USA WTP Limited Partnership** D. J. Simmons, Inc. Williams Production Company XTO Energy, Inc. Yates Petroleum Corporation Hereinafter referred to as the "Industry Committee"

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# ATTORNEY

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# **STATEMENT OF CASE**

## APPLICANT OIL CONSERVATION DIVISION:

The hearing concerns the repeal of Oil Conservation Division Rules 709. 710 and 711 [Sections 709. 710 and 711 of 19.15.9 NMAC] that presently govern transportation and disposition of produced water and surface waste management facilities, and the adoption of new rules to govern the transportation and surface disposition of produced water and other oilfield wastes, and the permitting and operation of surface waste management facilities. The proposed amendments, if adopted, would extend permitting requirements for carriers of produced water and rules concerning surface disposition of produced water so that they will apply to all oilfield wastes, change the procedures for permitting new surface waste management facilities or modifications of existing facilities, prohibit disposal of salt-contaminated wastes in landfarms, and adopt other detailed regulations concerning surface waste management facilities.

## THE INDUSTRY COMMITTEE:

On April 6, 2006, the Industry Committee filed with the Commission Clerk specific modifications to the proposed rules. Copies of these proposed amendments are attached to this pre-hearing statement. The Industry Committee will present testimony and call expert witnesses to review the proposed rules and to present testimony in support of their amendments. The testimony will also address the impact of these rules on oil and gas operators in New Mexico.

## WITNESSES AND PROPOSED EVIDENCE

The Industry Committee proposed modifications to the proposed Surface Waste Management Rules on April 6, 2006. At the hearing, the following witnesses will present evidence, including modeling result, in support of these proposed modifications:

#### WITNESSES:

## **ESTIMATED TIME**

#### **NUMBER OF EXHIBITS**

Kerry L. Sublette (Chemical Engineer / Environmental Engineer) **2** Hours

**3 Exhibits** One exhibit consists of approximately 85 powerpoint slides

As the Industry Committee's first witness, Dr. Sublette will provide general background information and define the terms and concepts employed in the Industry Committee's

PREHEARING STATEMENT PAGE 2 recommendations to the Commission. Dr. Sublette will show that landfarming and bioremediation is a well established approach for remediation of oil field wastes. He will review the mechanics of bioremediation and present recommended practices for permitted and small non-permitted landfarms. Dr. Sublette will assess chloride concentration in landfarms with emphasis on the effect, if any, on bioremediation of hydrocarbon constituents. He will conclude his testimony with a review of recommended closure standards. Dr. Sublette's testimony will show that the current standards and limitations in the proposed OCD rules are not supported by science and, if adopted, will result ineffective and inappropriate regulatory requirements that will limit the production of hydrocarbons without corresponding public health and environmental benefits.

Exhibit 1 to this Pre-hearing Statement is a description of Dr. Sublette's education and experience.

Exhibit 2 contains copies of each exhibit Dr. Sublette plans to offer as evidence in this hearing.

Exhibit 3 is summary of Dr. Sublette's testimony.

Daniel B. Stephens	2 Hours	<b>3</b> Exhibits
(Hydrogeologist)		(One Exhibit consists of
		approximately 70 power
		point slides)

Dr. Stephens will address the fate and transport of any chloride mass from land farms and landfills to groundwater. He will testify that the natural vadose zone processes at likely waste management sites in New Mexico will have a very low diffuse recharge rate and at some sites there will be no recharge. He will review the impact of vegetation on recharge and chloride transfer. In particular, Dr Stephen's testimony will show (1) that vadose zone and groundwater modeling using site specific data, shows that concentrations of chloride in excess of 1000mg/kg, as proposed by the OCD, are protective of groundwater and will show that, with small land farms, higher chloride limits are protective (3000mg/kg - 5000mg/kg); (2) that the OCD monitoring strategy is excessive and the treatment zone monitoring requirements should be eliminated; and (3) that the proposed corrective action trigger as any detection above background in the vadose zone is unreasonable, precedent setting and inconsistent with proposed treatment zone closure criteria. He will also show how the recommended treatment closure criteria are also unreasonable.

<u>Exhibit 4</u> to this Pre-hearing Statement is a description of Dr. Stephens' education and experience.

Exhibit 5 contains copies of each exhibit Dr. Stephens plans to offer as evidence in this hearing.

Exhibit 6 is summary of Dr. Stephens' testimony.

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Forrest B. (Ben) Thomas	2 Hours	3 Exhibits	
(Toxicologist)		(one exhibit consists of	
		approximately 15 nower point	

approximately 45 power point slides)

Dr. Ben Thomas will address the chemistry and toxicology of the materials that are treated by landfarming. He will provide an overview of the risk assessment process. He will discuss the benefits to OCD of using a Risk-Based Decision Making (RBDM) approach in developing regulatory policies, standards and guidelines that achieve the Commission's statutory charge. He will discuss the OCD's proposed Surface Waste Management Rules and the Industry Committee's recommendations. He will explain how RBDM provides a conceptual framework from which OCD can evaluate what controls are necessary at a landfarm, and whether the specific conditions and operations there warrant full adoption of the Best Demonstrated Available Technology (BDAT). As examples, he will discuss specific questions, concerns and omissions in the proposed Rule that arise because of the lack of an underlying RBDM framework

Exhibit 7 to this Pre-hearing Statement is a description of Dr. Thomas's education and experience.

Exhibit 8 contains copies of each exhibit Dr. Thomas plans to offer as evidence in this hearing.

Exhibit 9 is summary of Dr. Thomas's testimony.

# PROCEDURAL MATTERS

None

Respectfully submitted,

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PREHEARING STATEMENT PAGE 4 Attorneys for BP America Production Company, Inc., Burlington Resources Oil & Gas Company, Chesapeake Operating, Inc., Chevron Texaco, Conoco Phillips, Devon Energy Corporation, Dugan Production Corporation, Energen Resources Corporation, Marathon Oil Company, Marbob Energy Corporation, OXY USA, INC., Occidental Permian, LTD, OXY USA, INC., Occidental Partnership, D. J. Simmons, Inc., Williams Production Company, XTO Energy, Inc., Yates Petroleum Corporation.

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#### **CERTIFICATE OF SERVICE**

I certify that on April 13, 2006 I served copies of the foregoing Pre-hearing Statement by U. S. Mail, postage prepaid, or Hand Delivery to the following:

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