

**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:**

**APPLICATION OF PUBLIC SERVICE
COMPANY OF NEW MEXICO FOR
REVIEW OF FINAL DETERMINATION
OF THE OIL CONSERVATION DIVISION
RELATING TO THE HAMPTON 4M WELL
SITE,**

NO. 12033

**PUBLIC SERVICE COMPANY
OF NEW MEXICO,
Applicant**

PNM HEARING EXHIBIT LIST

Applicant, Public Service Company of New Mexico ("PNM") hereby submits it
list of proposed exhibits in the above matter.

<u>EXHIBIT</u>	<u>DESCRIPTION</u>	<u>OFFERED</u>	<u>ADMITTED</u>	<u>REFUSED</u>
skp. obj 1	Hampton 4M contract	_____	_____	_____
✓ 2.	PNM Chronological Summary	_____	_____	_____
✓ 3.	Aerial Photograph of Hampton 4M site	_____	_____	_____
✓ 4.	Diagram of Hampton 4M Well site (present day)	_____	✓	_____
✓ 5.	Diagram of Hampton 4M Well site (ca 1997) (Hampton 4M Site Map Dual Production Operations 1998)	_____	✓	_____

<u>EXHIBIT</u>	<u>DESCRIPTION</u>	<u>OFFERED</u>	<u>ADMITTED</u>	<u>REFUSED</u>
✓ 6.	Gradient flow map for Hampton 4M site (overlay) (Groundwater Elevations July, 1998)	_____	_____✓_____	_____
✓ 7.	Plume map showing free phase and dissolved phase hydrocarbon contamination (overlay) (Free Phase & Dissolved Hydrocarbons through July 1998)	_____	_____✓_____	_____
✓ 8.	Cross-section diagram showing free phase and dissolved phase hydrocarbon thickness (Hampton 4M Site Cross-Section (SE - NW))	_____	_____✓_____	_____
✓ 9.	Graph showing free product recovery compared to thickness of free phase product (Hampton 4M Free Product Recovery)	_____	_____✓_____	_____
✓ 10.	Schematic of separator process flow (Combination Production Unit)	_____	_____✓_____	_____
✓ 11.	Schematic of dehydrator process flow (Gas Dehydration)	_____	_____✓_____	_____
12.	Diagram of well completion for Hampton 4M well (Hampton 4M Production Well)	_____	_____	_____

<u>EXHIBIT</u>	<u>DESCRIPTION</u>	<u>OFFERED</u>	<u>ADMITTED</u>	<u>REFUSED</u>
✓ 13.	Hampton 4M Well Production History (Hampton 4M Production History)	_____	✓ _____	_____
✓ 14.	Hampton 4M Well Oil Gas/Production Ratio Comparison (Hampton 4M: Oil v. Gas Production Ratio)	_____	✓ _____	_____
✓ 15.	Comparison of Oil and Gas Ratios for Hampton 4M Well	_____	✓ _____	_____
✓ 16.	Process flow Diagram (Piping & Instrumentation Diagram for Hampton #4)	_____	✓ _____	_____
✓ 17.	Photograph of Produced Water Tank/Dehydrator and Meter (Dehydrator and Meter)	_____	✓ _____	_____
✓ 18.	Photograph of Water Accumulated in Excavation (Water Accumulated in Base of Burlington Excavation)	_____	✓ _____	_____
✓ 19.	Photograph of Present Separator and Footprint of Former Separator	_____	✓ _____	_____
✓ 20.	Photograph of Separator and Burlington Excavation	_____	✓ _____	_____
✓ 21.	Photograph of PNM Product Recovery From MW-6	_____	✓ _____	_____
✓ 22.	Photograph of Seep and Stained Soils	_____	✓ _____	_____

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✓ 23.	Photograph of Free Product in MW-10	_____	✓ _____	_____
24.	Videotape of Hampton 4-M Site and Surface Equipment.	_____	_____	_____
✓ 25.	Photograph of Produced Water Pit and Dehydrator	_____	✓ _____	_____
✓ 26.	PNM Unlined Surface Impoundment Assessment Form	_____	_____	_____
✓ 27.	PNM letter of January 13, 1997 from Maureen Gannon to William Olson, OCD, re Notification of Groundwater Contamination at Hampton 4M Well Site	_____	_____	_____
✓ 28.	PNM Groundwater Site Summary Report Quarter/Year: 4/96 & 1/97	_____	_____	_____
✓ 29.	OCD letter of 04/08/97 from Denny G. Foust to Burlington Oil & Gas (Bock) re Hampton #4M	_____	_____	_____
30.	Burlington letter of 4/15/97 from Craig A. Bock to Denny Foust OCD re Plan of Action for Hampton 4M	_____	_____	_____
31.	Burlington Resources Data Summary report for Hampton 4M Production Location	_____	_____	_____

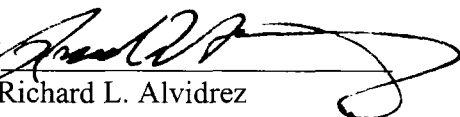
<u>EXHIBIT</u>	<u>DESCRIPTION</u>	<u>OFFERED</u>	<u>ADMITTED</u>	<u>REFUSED</u>
32.	OCD letter of 08/27/97 from W. Olston to C. Bock, Burlington re Ground Water Contamination at Hampton 4M well site	_____	_____	_____
33.	OCD letter of 08/27/97 from W. Olson to Maureen Gannon, PNM, re Ground Well Contamination, Hampton 4M Well Site	_____	_____	_____
34.	Burlington Resources letter of 09/09/97 from C. Bock to W. Olson, OCD re Work Plan Submittal Deadline Hampton 4M Well Site	_____	_____	_____
35.	Burlington Resources letter of 09/19/97 from C. Bock to W. Olson, OCD re Soil and Groundwater Investigation Work Plan Hampton 4M	_____	_____	_____
36.	OCD letter of 11/24/97 from W. Olson to C. Bock, Burlington re work plan for ground water contamination, Hampton 4M Well Site	_____	_____	_____
37.	Burlington Resources letter of 01/30/98 from Ed Hasley to W. Olson, OCD re re status report on soil/ groundwater investigation and remediation activities	_____	_____	_____

<u>EXHIBIT</u>	<u>DESCRIPTION</u>	<u>OFFERED</u>	<u>ADMITTED</u>	<u>REFUSED</u>
38.	OCD letter of 03/11/98 from W. Olson to J. Burton Everett, Everett Investment re contaminated water from Hampton 4M well site migrating onto Everett property	_____	_____	_____
39.	OCD letter of 03/13/98 from W. Olson to Maureen Gannon, PNM re investigation and remedial actions taken to date and additional action required of PNM	_____	_____	_____
40.	PNM letter of 03/31/98 from Maureen Gannon to W. Olson, OCD, re effectiveness of further remedial actions by PNM	_____	_____	_____
41.	OCD letter of 04/07/98 from W. Olson, to Ed. Hasley, Burlington re re remedial actions taken to date and further action required	_____	_____	_____
42.	PNM letter of 04/10/98 from Maureen Gannon to W. Olson, OCD, re Response to 03/13/98 letter on groundwater contamination at Hampton 4M well site	_____	_____	_____
43.	Burlington letter of 05/28/98 from Ed Hasley to W. Olson re status report on investigation and remediation activities conducted at Hampton 4M well site	_____	_____	_____

<u>EXHIBIT</u>	<u>DESCRIPTION</u>	<u>OFFERED</u>	<u>ADMITTED</u>	<u>REFUSED</u>
✓ 44.	PNM letter of 06/25/98 from Maureen Gannon to W. Olson, OCD re Burlington report of 05/28/98 and proposed further sampling and site surveying	_____	_____	_____
✓ 45.	PNM letter of 06/25/98 from Maureen Gannon to E. Hasley, OCD, regarding PNM proposal for additional activities for July sampling at the Hampton 4M well site	_____	_____	_____
✓ 46.	PNM letter of 08/11/98 from M. Gannon to W. Olson, OCD re most recent ground-water and free product recovery data	_____	_____	_____
✓ 47.	OCD letter of 09/01/98 from W. Olson to E. Hasley, Burlington, re additional investigations by Burlington and PNM to determine downgradient extent of ground contamination	_____	_____	_____
✓ 48.	OCD letter of 09/01/98 from W. Olson to M. Gannon, PNM, re additional investigations by PNM and Burlington to determine downgradient extent of ground contamination	_____	_____	_____
✓ 49.	PNM Summary of Analytical Results	_____	_____	_____

<u>EXHIBIT</u>	<u>DESCRIPTION</u>	<u>OFFERED</u>	<u>ADMITTED</u>	<u>REFUSED</u>
✓ 50.	PNM Summary of Oil Production and Free Product	_____	_____	_____
✓ 51.	Field Boring Logs for SB-1 and SB-2	_____	_____	_____
✓ 52.	Field Boring and Well Completion Logs for MW-1, MW-2, MW-3 MW-4, MW-5, MW-6 MW-7, MW-8, MW-9, MW-10, TPW-01, TPW-02, TPW-03, TPW-04, TPW-05, TPW-6, and TPW-07	_____	_____	_____
✓ 53.	Burlington Diagram of Subsurface under Hampton 4M Well	_____	_____	_____
✓ 54.	Burlington Diagrams of Surface Equipment Placement	_____	_____	_____

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