

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>
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)	_____	_____	_____

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

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<u>EXHIBIT</u>	<u>DESCRIPTION</u>	<u>OFFERED</u>	<u>ADMITTED</u>	<u>REFUSED</u>
13.	Hampton 4M Well Production History <b>(Hampton 4M Production History)</b>	_____	_____	_____
14.	Hampton 4M Well Oil Gas/Production Ratio Comparison <b>(Hampton 4M: Oil v. Gas Production Ratio)</b>	_____	_____	_____
15.	Comparison of Oil and Gas Ratios for Hampton 4M Well	_____	_____	_____
16.	Process flow Diagram <b>(Piping &amp; Instrumentation Diagram for Hampton #4)</b>	_____	_____	_____
17.	Photograph of Produced Water Tank/Dehydrator and Meter <b>(Dehydrator and Meter)</b>	_____	_____	_____
18.	Photograph of Water Accumulated in Excavation <b>(Water Accumulated in Base of Burlington Excavation)</b>	_____	_____	_____
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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<u>EXHIBIT</u>	<u>DESCRIPTION</u>	<u>OFFERED</u>	<u>ADMITTED</u>	<u>REFUSED</u>
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	_____	_____	_____

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<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	_____	_____	_____

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<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	_____	_____	_____

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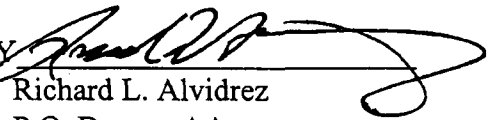
<u>EXHIBIT</u>	<u>DESCRIPTION</u>	<u>OFFERED</u>	<u>ADMITTED</u>	<u>REFUSED</u>
44.	PNM letter of 06/25/98 from Maureen Gannon to W. Olson, OCD re Burlington report of 05/28/98 and proposed further sampling and site surveying	_____	_____	_____
45.	PNM letter of 06/25/98 from Maureen Gannon to E. Hasley, 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	_____	_____	_____

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<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	_____	_____	_____

KELEHER & McLEOD, P.A.

BY

  
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