

**BEFORE THE
NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION COMMISSION**

**IN THE MATTER OF THE APPLICATION OF
PUBLIC SERVICE COMPANY OF NEW MEXICO
FOR REVIEW OF OIL CONSERVATION DIVISION
DIRECTIVE DATED MARCH 13, 1998
DIRECTING APPLICANT TO PERFORM
ADDITIONAL REMEDIATION FOR
HYDROCARBON CONTAMINATION,
SAN JUAN BASIN, NEW MEXICO**

CASE NO. 12033

EXHIBIT VOLUME

**SUBMITTED ON BEHALF OF
PUBLIC SERVICE COMPANY OF NEW MEXICO
APPLICANT**

JULY 9, 1999

BEFORE THE OIL CONSERVATION COMMISSION Santa Fe, New Mexico	
Case No.	<u>12033</u> <u>B</u>
Submitter	<u>PNM</u>
Hearing Date	<u>8.26.99</u>

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EXHIBIT	
PNM	B

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION COMMISSION**

IN THE MATTER OF THE HEARING CALLED
BY THE OIL CONSERVATION COMMISSION
FOR THE PURPOSE OF CONSIDERING:

APPLICATION OF PUBLIC SERVICE COMPANY CASE NO. 12033
OF NEW MEXICO FOR *DE NOVO* HEARING ON
ORDER NO. R-11134 ISSUED BY THE NEW
MEXICO OIL CONSERVATION DIVISION IN
OCD CASE NO. 12,033

PNM INDEX TO EXHIBITS

<u>EXHIBIT NO.</u>	<u>DESCRIPTION</u>
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3	Letter dated 3/11/98 from William C. Olson, Environmental Bureau to J. Burton Everett Re: Ground Water Contamination, Hampton 4M Well Site
4	Photograph – Hampton 4M Site Map - Dual Production Operations (<1998)
5	Photograph – Hampton 4M Site Map – Commingled Production Operations (>1998)
6	Photograph – Excavated Areas – Burlington: October 1998-February 1999
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8	Photograph – Groundwater Elevations (July 1998)

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9	Photograph – Hampton 4M Site Map (Monitor Well Locations)
10	Letter from William C. Olson, Environmental Bureau to Maureen Gannon Re: Ground Water Contamination Hampton 4M Well Site
11	Application and Request for <i>De Novo</i> Hearing on Order No. R-11134 Issued by the New Mexico Oil Conservation Div.
12	Gas Purchase Agreement Between Southland Royalty Co. and Gas Company of New Mexico
13	Hampton 4M Chronology of On Site Events, Revised 7/7/99
14	Unlined Surface Impoundment Assessment Form and Pit Pit Remediation and Closure Report
15	Record of Subsurface and Exploration and Monitor Well Installation Forms
16	Photograph – Hydrocarbon seep northwest of wellpad (3/99)
17	Photograph – Hydrocarbon seep northwest of wellpad; rainbow sheen on top of water (3/99)
18	Letter from William C. Olson, Environmental Bureau to Ed Hasely Re: Ground Water Analyses, Hampton 4M Well Site
19	Letter from William C. Olson, Environmental Bureau to Maureen Gannon, PNM Re: Ground Water Contamination Hampton 4M Well Site
20	Photograph – Free Product in MW-10
21	Letter from Denny Foust, Environmental Geologist to Craig Bock, Burlington Oil & Gas Resources Co. Re: Burlington Oil & Gas Resources Co., Hampton #4M-N-13-30N-11W, 30-045-25810
22	Letter from Maureen Gannon, Project Manager, PNM to Bill Olson, Environmental Bureau Re: Hampton 4M Site, Free Product and Groundwater Contamination

23	Letter from William C. Olson, Environmental Bureau to Ed Hasely, Burlington Resources Re: Ground Water Contamination, Hampton 4M Well Site
24	Letter from Maureen Gannon, Project Manager, PNM to William Olson, Oil Conservation Division Re: Response to March 13, 1998 Letter on Groundwater Contamination at the Hampton 4M Well Site
25	PNM Summary of Groundwater Sites Associated with Dehydrator Pits
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27	Letter from William C. Olson, Environmental Bureau to Maureen Gannon, PNM Re: Ground Water Contamination, Hampton 4M Well Site
28	Letter from William C. Olson, Environmental Bureau to Ed Hasely, Burlington Resources Re: Ground Water Contamination, Hampton 4M Well Site
29	Pit Remediation and Closure Report and Groundwater Site Summary Report
30	Letter from Craig Bock, Environmental Rep. to Denny Foust, Oil Conservation Division Re: Plan of Action, Hampton 4M – Unit Ltr. N., Sec. 13, T20N, R11W
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66 **Map – PNM B.R.O.G. – Hampton 4M Monitor Wells
Section 13, T-30-N, R-11-W, N.M.P.M., San Juan County,
New Mexico**

67 **Table 1: Summary of Analytical Results**

68 **Hydrocarbons in the Subsurface at Hampton 4M**

69 **Hydrocarbons in the Subsurface at Typical PNM Dehydrator
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70 **Graph – MW-13 Trends with Time**

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