PNM v. BROG, et al. OCD Case No. 12033

CROSS-REFERENCE TABLE: PNM EXHIBITS FILED 7/9/99 and 7/30/99

PNM EXHIBIT NO.	DESCRIPTION	BR EX. NO. Y/N No.
7/9/99 FILI	NG:	a.∎Node - ' <u>indi</u> liti Kirovici
1.#	Summary-Site Comparisons (table)	N
2 ok	Letter from Ed Hasely to Olson dated 8/6/98	N
3 04	Letter from Olson to J. Burton Everett dated 3/11/98	N
4 ok	Hampton 4M Site MapDual Production Operations (1998)	N
5 OK	Hampton 4M Site MapCommingled Production Operations (1998)	N
6 OK	Excavated Areas Burlington: October 1998-February 1999	N
7 oti	Letter from M. Gannon to Olson dated 1/13/97	N
8 014	MapGroundwater Elevations (July 1998)	N
9 OK	MapHampton 4M Site Map (Monitor Well Locations)	N
10 OK	Letter from Olson to M. Gannon dated 3/13/98	Y 13
11 оқ	Application and Request for <i>De Novo</i> Hearing on Order No. R- 11134 Issued by NM OCD; Application of PNM for Review of OCD Directive dated 3/13/98 re Additional Remediation	N
12 or	Gas Purchase Agreement between Southland Royalty Co. And Gas Co. Of New Mexico, dated 3/1/90	Y 1
13	Hampton 4M Chronology of On Site Events (Revised 7/07/99)	N
14 or	Unlined Surface Impoundment Assessment Form dated 4/23/96	N
15 ok	Record of Subsurface Exploration (Philip); other records	N
16 og	Color photo: Hydrocarbon seep northwest of wellpad (3/99)	N
17 ok	Color photo: Hydrocarbon seep northwest of wellpad; rainbow sheen on top of water (3/99)	N
18 OK	Letter from Olson to Hasely dated 5/5/99	N
19 0K	Letter from Olson to Gannon dated 8/27/97	Y 8

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PNM EXHIBIT NO.	DESCRIPTION		BR EX. NO. Y/N No.	
20 ok	Color photo: Free Product in MW-10 < MARK?	N	<u> </u>	
21 05	Letter from Foust/OCD to Craig Bock dated 4/8/97 Companion?	Y	4	
22 04	Letter from M. Gannon to Olson dated 3/31/98	Y	14	
23 04	Letter from Olson to Hasely dated 4/7/98 Lennon?>	Y	15	
24 or	Letter from M. Gannon to Olson dated 4/10/98	. Y	16	
25 05	PNM Summary of Groundwater Sites Associated w/ Dehydrator Pits (table)	N		
26 OK	Letter from M. Gannon to Olson dated 8/11/98	N		
27 OK	Letter from Olson to M. Gannon dated 9/1/98	Y 、	2 18	
28 OK	Letter from Olson to E. Hasely dated 9/1/98 Longanion little -	N		
²⁹ ok	Pit Remediation and Closure Report (11/12/98); Groundwater Site Summary Report; other test reports	N		
30 OK	Letter from C. Bock to Denny Foust dated 4/15/97	Y	6	
31 OK	Burlington Resources Data Summary, cover dated August 1997, with Letter from C. Bock to Olson dated 7/30/97	Y	7	
32 OK	Letter from Olson to C. Bock dated 8/27/97	Y	8	
33 OK	Letter from C. Bock to Olson dated 9/9/97	N		
34 9-0K	Letter from C. Bock to Olson dated 9/19/97	Y	9	
35 OK	Letter from Olson to C. Bock dated 11/24/97	Y	10	
36 OK	Letter from E. Hasely to Olson dated 1/30/98	Y	12	
37 OK	Letter from E. Hasely to Olson dated 5/28/98	Y	17	
38 OK	Letter from M. Gannon to Olson dated 6/25/98	N		
39 OK	Letter from M. Gannon to Hasely dated 6/25/98	N		
40 OK	Diagram and Color Photo: Combination Production Unit	N		
41 OK	Diagram and Color Photo: Gas Dehydrator	N		



PNM EXHIBIT NO.	DESCRIPTION	BR EX. NO. Y/N No.	
42 ok	Diagram: Production Unit and Site Plan	N	
43 ok	Table: Comparison of Gas and Oil Ratios	N	
44 ok	Hampton 4M Production History Report (Blanco Mesa Verde)	N	
45 ok	GraphHampton 4M: Oil/Gas Production Ratio	N	
46 or	Color Photo: Hampton 4M, looking northLocation of BR's tank batter and separator units; Drilling MW-4 (1/31/97)	N	
47 ok	Color Photo: Hampton 4M, looking northwestLocation of PNM's former dehydrators; Pit located behind meter house on right (1/31/97)	N	
48 OK	Table 1: Summary of Analytical Results	N	
49 OK	MOI Diagram: site facility; 2/3/94	N	
50 OK	Color Photo: Hampton 4M, looking eastBlack soil excavated from bottom of former PNM pit (11/10/98)	N .	
51 OK	Color Photo: Hampton 4M, looking down into excavation; Native soil beneath PNM's former pit (11/10/98)	N	
52 OK	Color Photo: Hampton 4M, looking southeast; Burlington excavation in area of former PNM pit (11/29/98)	N	
53 014	Color Photo: Hampton 4M, looking northeast; Burlington's excavation in area of former PNM pit (11/29/98)	N	
54 OK	Color Photo: Hampton 4M, looking north; Yellow water - backfilling (12/2/98)	N	
55 014	Color Photo: Hampton 4M, looking north (2/17/99)	N	
56 ?	Color Diagram/Drawing: Soil Laboratory Analyses (5/99)	N	
57 OK	Color Area Repro: Free Phase & Dissolved Hydrocarbons (through July 1998)	N	
58	Summary of Oil Production & Free Product	N	
59 OK	Color Graph: Hampton 4M Free Product Recovery (1/98 - 11/98)	N	

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PNM EXHIBIT NO.	DESCRIPTION	BR EX. NO. Y/N No.
60 ok	Letter from Thompson/Philip re Report for Work Performed at Hampton #4M Well Site dated 3/3/99	N
61 or	Color Area Repro: Cross Section Location	N
62 / OK	Color Graph: Hampton 4M Site Cross-Section (SE-NM)	N
63 оқ	Color Diagram/Drawing: Results of BROG Excavation: 11/98 to 2/99	N
7/30/99 FIL	ING (Rebuttal):	
64 ok	Letter from WFC to Alvidrez dated 7/16/99	N
65 OK	Letter from Alvidrez to WFC dated 7/20/99	N
66 or	PNM MapHampton 4M Monitor Wells dated 7/29/98	N
67 or	TableSummary of Analytical Results	N
68 OK	Colored MapHydrocarbons in the Subsurface at Hampton 4M	N
69 ok	Colored MapHydrocarbons in the Subsurface at Typical PNM Dehydrator Site	N
70 0K	Colored MapMW-13, MW-12, MW-9, MW-5, MW-7 Trends with Time; Graphs: Hampton 4M DK; Hampton 4M MV	N

INDEX TO EXHIBITS TO BURLINGTON RESOURCES' PREPARED DIRECT TESTIMONIES

EXHIBIT <u>NO.</u>	DATE	DESCRIPTION
1	3/01/90	Gas Purchase Agreement between Southland Royalty Company and Gas Company of New Mexico
2	undated	Diagram of Hampton 4M Site
3	undated	Photograph of Well Site
4	4/08/97	Letter from Oil Conservation Division to Burlington
5	undated	Photograph showing well pad and area of seep
6>	4/15/97	Burlington letter to Oil Conservation Division
7	7/30/97	Burlington letter to Oil Conservation Division
8	8/27/97	Oil Conservation Division letters to Burlington and PNM
9\$	9/19/97	Burlington letter to Oil Conservation Division
1Ò	11/24/97	Oil Conversation Division letter to Burlington
11	01/08/98	Philip Services Report
12	01/30/98	Burlington letter to Oil Conservation Division
13	03/13/98	Oil Conservation Division letter to PNM
14	03/31/98	PNM letter to Oil Conservation Division
1 5	04/0 7 /9 8	Oil Conservation Division letter to Burlington
16	04/10/98	PNM letter to Oil Conservation Division
17	05/28/98	Burlington letter to Oil Conservation Division

EXHIBIT <u>NO.</u>	DATE	DESCRIPTION
1 8 5	09/01/98	Oil Conservation Division letter to PNM/Burlington
19	10/26/98	Carr/Burlington letter to Alvidrez/PNM
20	10/28/98	Alvidrez/PNM response to Carr/Burlington letter
21	10/28/98	Letter from Burlington to Oil Conservation Division
22	11/04/98	Letter from Burlington to Oil Conservation Division
23	11/06/98	Letter from Alvidrez/PNM to Carr/Burlington
24	11/06/98	Letter from PNM to Oil Conservation Division
25	11/09/98	Letter from Carr/Burlington to Alvidrez/PNM
26	11/10/98	Photograph
27	undated	Photograph
28	03/03/99	Philip Services Report
29	11/13/98	Photograph
30	11/23/98	Photograph
31	11/23/98	Photograph
32	11/23/98	Photograph
33	05/26/99	Groundwater Monitoring Results

INDEX TO EXHIBITS TO BURLINGTON RESOURCES OIL AND GAS COMPANY'S PREFILED REBUTTAL TESTIMONY

EXHIBIT <u>NO.</u>	DATE	DESCRIPTION
34	undated	Schematic drawing of two-phase separator with sensing element
35	undated	Hampton Mesaverde production graph
36	undated	Hampton 4M Dakota production graph
37	undated	Illustration of the general location of Hampton 4M Well showing elements of interest
38	undated	Schematic representations of types of hydrocarbon occurances
39	undated	Summary of free product thickness
40	undated	Maximum BTEX concentrations in groundwater
41	undated	Total BTEX concentrations in soil

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