

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:)	CASE NO. 12,734
)	
APPLICATION OF RICHARDSON OPERATING)	
COMPANY TO ESTABLISH A SPECIAL "INFILL)	
WELL" AREA WITHIN THE BASIN-FRUITLAND)	
COAL GAS POOL AS AN EXCEPTION FROM RULE)	
4 OF THE SPECIAL RULES FOR THIS POOL,)	
SAN JUAN COUNTY, NEW MEXICO)	
)	

OFFICIAL EXHIBIT FILE
(3 OF 3: San Juan Coal Company Exhibits)
COMMISSION HEARING

BEFORE: LORI WROTENBERY, CHAIRMAN
JAMI BAILEY, COMMISSIONER
ROBERT LEE, COMMISSIONER

October 29th-31st, 2002
Santa Fe, New Mexico

This matter came on for hearing before the Oil Conservation Commission, LORI WROTENBERY, Chairman, on Tuesday-Thursday, October 29th-31st, 2002, at the New Mexico Energy, Minerals and Natural Resources Department, 1220 South Saint Francis Drive, Room 102, Santa Fe, New Mexico, Steven T. Brenner, Certified Court Reporter No. 7 for the State of New Mexico.

* * *

STEVEN T. BRENNER, CC
(505) 989-9317

*Application of Richardson Operating
Co.
Record on Appeal, 971.*

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

**IN THE MATTER OF THE APPLICATION OF
RICHARDSON OPERATING COMPANY TO
ESTABLISH A SPECIAL "INFILL WELL" AREA
WITHIN THE BASIN-FRUITLAND COAL GAS
POOL AS PROVIDED BY RULE 4
OF THE SPECIAL RULES FOR THIS POOL,
SAN JUAN COUNTY, NEW MEXICO.**

Case No. 12734 (De Novo)

San Juan Coal Company's Exhibits

**For Hearing De Novo
Before The Oil Conservation Commission
(Hearing Dates: October 29 – 31, 2002)**

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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
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Case No. 12734 (De Novo)

**SAN JUAN COAL COMPANY'S LIST OF EXHIBITS FOR HEARING
DE NOVO BEFORE THE OIL CONSERVATION COMMISSION
(Hearing Dates: October 29 – 31, 2002)**

San Juan Coal Co.

Exhibit No.:

Exhibit:

1. General Vicinity Map
2. Deep Lease
3. Deep Lease Extension
4. NM State Lease MC-0087
5. NM State Lease MC-0088
6. Proposed Fruitland Coal "Infill Area"
7. October 22, 1999 letter from NMEMNRD issuing Permit 99-01 for Underground Mine
8. Summary of potential public benefit arising from employment and payroll at San Juan Mine
9. Estimated Coal Royalty Revenue
10. San Juan Underground Mine Area, and Oil And Gas Lease Map
11. Continuous Miner Diagram
12. Longwall Face Cut-Away

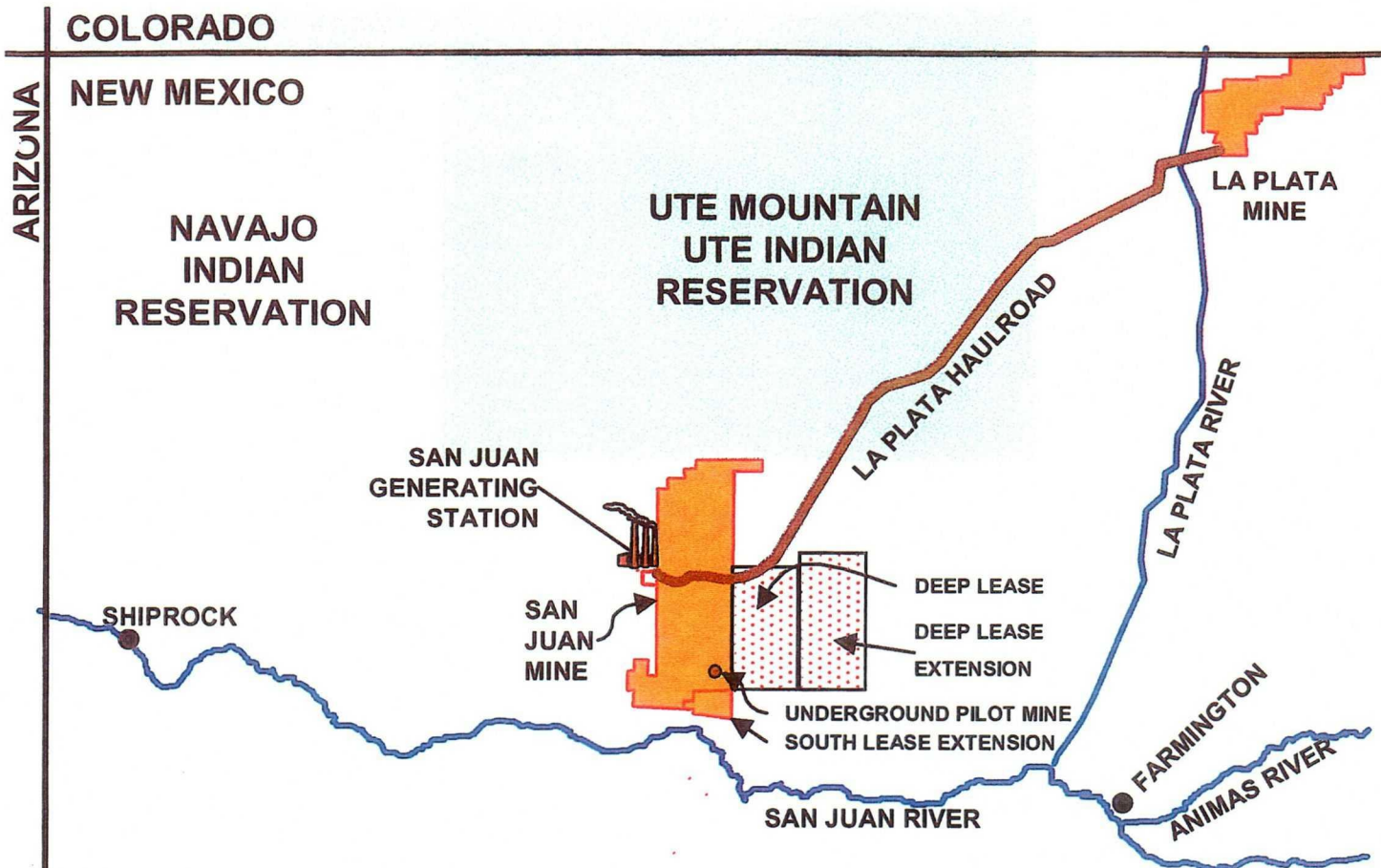
*Application of Richardson Operating
Co.
Record on Appeal, 974.*

13. Estimates of Bypassed Coal
14. CD Animation Of Longwall Layout
15. Diagram of Longwall Layout
16. Potential Hydrofrac Disturbance Area
17. Roof Support photograph
18. Poor Roof Conditions photograph
19. Ventilation of Longwall Face
20. Resume of Jacques F. Abrahamse
21. Resume of John Mercier
22. Resume of Paul C. Bertoglio
23. Resume of John G. Hattner
24. Resume of Dan Paul Smith
25. ~~Exhibit Number Reserved~~ Order + Stipulated Motion of Dismissal
26. ~~Exhibit Number Reserved~~ Article on Coalbed Gas Systems
27. ~~Exhibit Number Reserved~~ Map - Composite Fruitland Coal Thk
28. Exhibit Number Reserved
29. Cumulative Core Thickness By Hole
30. Comparative Coal Cross Section A
31. Comparative Coal Cross Section C
32. Composite Map of Fruitland Coal Thickness
33. Map of the San Juan Basin
34. Production Plat FC and PC
35. Well Plat

36. Qualitative Analysis PC Wells
37. Richardson Shallow Wells
38. Pictured Cliffs Isopach
39. S8 Isopach
40. S8 Structure Map
41. S9 Isopach
42. S9 Structure Map
43. Well Logs
44. Estimated Gas Resources
45. Basic Evaluations Methodologies
46. Desorption Gas Content Map
47. Adsorption Isotherm
48. Top of 8 Coal vs. Desorption Gas Content Graph
49. Saturation vs. Depth Graph
50. 8 Coal Gas Content by Quarter Section Map
51. 8 Coal Pressure Map
52. S8 Coal 160 Acre Original Gas In Place Map
53. 8 & 9 Coal Reserves by Quarter Section Map
54. 8 & 9 Coal ^{PC} Recovery Factor by Quarter Section Map
55. Pictured Cliffs Volumetric Reserves
56. 8 & 9 Coal and PC Reserves by Quarter Section Map
57. Deep Lease Gas and Water Production Graphs Map
58. Deep Lease Extension Gas and Water Production Graphs Map

59. Individual PDP Plots with Projections
60. Conclusions

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SAN JUAN MINE GENERAL VICINITY MAP

San Juan Coal Co. Exhibit No. 1
Before the Oil Conservation Commission
Hearing Dates: October 29-31, 2002

Approximate Scale



*Application of Richardson Operating
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Record on Appeal, 978.*