



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

JUN 18 2001

Ms. Lori Wrotenberg, Director
Oil Conservation Division
New Mexico Energy, Mineral &
Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87504

Re: Case No. 12643, Order No. R-11577
ROPCO 8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Dear Ms. Wrotenberg:

In accordance with the captioned Order, enclosed are copies of estimated costs to drill and complete the captioned well, which have been sent to all non-consenting working interest owners.

Please let us know if you need anything further in this regard.

Sincerely,

RICHARDSON PRODUCTION COMPANY

Cathleen Colby

Cathleen Colby
Land Manager



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

Mr. and Mrs. Herbert Smith
2011 Troy King Road #175
Farmington, New Mexico 87401

Re: Fruitland Coal/Pictured Cliffs Well Proposal
ROPCO #8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Dear Mr. and Mrs. Smith:

Enclosed is copy of New Mexico Oil Conservation Division Case No. 12643, Order No. R-11577, pertaining to your interest in the captioned well. Also enclosed for your review, is an AFE itemizing the estimated costs for drilling and completing said well.

In the event you elect to participate as a working interest owner in the drilling and completion attempt, please forward your share of the estimated well costs within 30 days from the date hereof. In the alternative, you may be designated as a non-consenting working interest owner as provided for in the Order.

Should you have any questions, feel free to write or call.

RICHARDSON PRODUCTION COMPANY

Cathleen Colby

Cathleen Colby
Land Manager

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

Well Name: ROPCO #8-3 SECTION 8 PC SW/4, FC S/2
Location: T29N R14W
Proposed Depth: 850' Fruitland Coal
1000' Pictured Cliffs

Date: 01/11/2001
Objective Formation: Commingled Pictured Cliffs
and Fruitland Coal

I. Drilling Costs (Included Run Casing)

Survey and Permits
Title Opinion
* Drilling (incl. water and mud) 1000' @ 15.00/ft.
BOP Rental
Dirt Work
Pit Lining
Surface Casing 200' @ 7.18/ft.
Casing Head
Cement Surface
Power Tongs
Casing 1000' @ 5.50/ft.
Trucking
Logs
Engineering
Cement Longstring
Total Cost to Run Casing
5.9375% Farmington, NM Tax
10% Contingency
Grand Total to Run Casing

II. Completion Costs

Rig Anchors
Logs
Perf
Wellhead & Fittings
Tubing 1000' @ 2.50/ft.
Stimulation
Tool Rental
Trucking
Battery Installation
Restore Location
Engineering
Treater, Separator
Flowline
Tank & Fittings
Gravel
Workover Rig
Completion Fluids
Pipeline Hookup
Division Order Opinion
Frac Tank Rental
Flowback
Fence Location
Total Completion Costs
5.9375% Farmington, NM Tax
10% Contingency
Drilling Costs
Grand Total Well Costs

Tangible	Intangible	Total	Fruitland Coal	Pictured Cliffs
	3,000		1,500	1,500
	3,000		1,500	1,500
	15,000		6,375	8,625
	750		375	375
	4,000		2,000	2,000
	2,800		1,400	1,400
1,436			718	718
1,500			750	750
	2,300		1,150	1,150
	1,000		500	500
5,500			2,338	3,163
	3,000		1,500	1,500
	3,750		1,875	1,875
	5,000		2,500	2,500
	4,000		1,700	2,300
8,436	47,600	56,036	26,181	29,856
		3,327	1,554	1,773
		5,936	2,773	3,163
		65,299	30,508	34,791
	750		375	375
	3,000		1,500	1,500
	3,500		1,750	1,750
4,000			2,000	2,000
2,500			1,063	1,438
	42,000		21,000	21,000
	2,300		1,150	1,150
	3,000		1,500	1,500
	6,000		3,000	3,000
	3,500		1,750	1,750
	5,800		2,900	2,900
5,300			2,650	2,650
4,000			2,000	2,000
4,500			2,250	2,250
	3,000		1,500	1,500
	10,000		5,000	5,000
	2,000		1,000	1,000
	13,000		6,500	6,500
	1,500		750	750
	2,500		1,250	1,250
	2,000		1,000	1,000
3,300			1,650	1,650
23,600	103,850	127,450	63,538	63,913
		7,567	3,773	3,795
		13,502	6,731	6,771
		65,299	30,508	34,791
		213,819	104,550	109,269

FRUITLAND COAL

99.88047% RICHARDSON OPERATING CO ET AL	DATE _____	APPROVED _____	\$104,425
0.11953% HERBERT SMITH	DATE _____	APPROVED _____	\$125
EVELYN SMITH	DATE _____	APPROVED _____	
FC TOTAL			\$104,550

PICTURED CLIFFS

99.76094% RICHARDSON OPERATING CO ET AL	DATE _____	APPROVED _____	\$109,008
0.23906% HERBERT SMITH	DATE _____	APPROVED _____	\$261
EVELYN SMITH	DATE _____	APPROVED _____	
PC TOTAL			\$109,269
HERBERT & EVELYN SMITH TOTAL			\$386



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

Ms. Julia Clah
P.O. Box 762
Shiprock, New Mexico 87420

Re: Fruitland Coal/Pictured Cliffs Well Proposal
ROPCO #8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Dear Ms. Clah:

Enclosed is copy of New Mexico Oil Conservation Division Case No. 12643, Order No. R-11577, pertaining to your interest in the captioned well. Also enclosed for your review, is an AFE itemizing the estimated costs for drilling and completing said well.

In the event you elect to participate as a working interest owner in the drilling and completion attempt, please forward your share of the estimated well costs within 30 days from the date hereof. In the alternative, you may be designated as a non-consenting working interest owner as provided for in the Order.

Should you have any questions, feel free to write or call.

RICHARDSON PRODUCTION COMPANY

Cathleen Colby

Cathleen Colby
Land Manager

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

Well Name: ROPCO #8-3 SECTION 8 PC SW/4, FC S/2
Location: T29N R14W
Proposed Depth: 850' Fruitland Coal
1000' Pictured Cliffs

Date: 01/11/2001
Objective Formation: Commingled Pictured Cliffs
and Fruitland Coal

I. Drilling Costs (Included Run Casing)

Survey and Permits
Title Opinion.....
* Drilling (incl. water and mud) 1000' @ 15.00/ft.
BOP Rental.....
Dirt Work.....
Pit Lining.....
Surface Casing 200' @ 7.18/ft.
Casing Head.....
Cement Surface.....
Power Tongs.....
Casing 1000' @ 5.50/ft.
Trucking.....
Logs.....
Engineering.....
Cement Longstring.....
Total Cost to Run Casing.....
5.9375% Farmington, NM Tax.....
10% Contingency.....
Grand Total to Run Casing.....

II. Completion Costs

Rig Anchors.....
Logs.....
Perf.....
Wellhead & Fittings.....
Tubing 1000' @ 2.50/ft.
Stimulation.....
Tool Rental.....
Trucking.....
Battery Installation.....
Restore Location.....
Engineering.....
Treater, Separator.....
Flowline.....
Tank & Fittings.....
Gravel.....
Workover Rig.....
Completion Fluids.....
Pipeline Hookup.....
Division Order Opinion.....
Frac Tank Rental.....
Flowback.....
Fence Location.....
Total Completion Costs.....
5.9375% Farmington, NM Tax.....
10% Contingency.....
Drilling Costs.....
Grand Total Well Costs.....

Tangible	Intangible	Total	Fruitland Coal	Pictured Cliffs
	3,000		1,500	1,500
	3,000		1,500	1,500
	15,000		6,375	8,625
	750		375	375
	4,000		2,000	2,000
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4,000			2,000	2,000
4,500			2,250	2,250
	3,000		1,500	1,500
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		7,567	3,773	3,795
		13,502	6,731	6,771
		65,299	30,508	34,791
		213,819	104,550	109,269

FRUITLAND COAL

99.86375% RICHARDSON OPERATING CO ET AL
0.13625% JULIA CLAH

DATE _____
DATE _____

APPROVED _____
APPROVED _____

FC TOTAL

\$104407
\$142
\$104550

PICTURED CLIFFS

99.81813% RICHARDSON OPERATING CO ET AL
0.18188% JULIA CLAH

DATE _____
DATE _____

APPROVED _____
APPROVED _____

PC TOTAL

\$109070
\$199
\$109269

JULIA CLAH TOTAL

\$341



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

Mrs. Callie P. Renfro
#2 County Road 6212
Kirtland, New Mexico 87417

Re: Fruitland Coal/Pictured Cliffs Well Proposal
ROPCO #8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Dear Mrs. Renfro:

Enclosed is copy of New Mexico Oil Conservation Division Case No. 12643, Order No. R-11577, pertaining to your interest in the captioned well. Also enclosed for your review, is an AFE itemizing the estimated costs for drilling and completing said well.

In the event you elect to participate as a working interest owner in the drilling and completion attempt, please forward your share of the estimated well costs within 30 days from the date hereof. In the alternative, you may be designated as a non-consenting working interest owner as provided for in the Order.

Should you have any questions, feel free to write or call.

RICHARDSON PRODUCTION COMPANY

Cathleen Colby
Land Manager

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

Well Name: ROPCO #8-3 SECTION 8 PC SW/4, FC S/2
Location: T29N R14W
Proposed Depth: 850' Fruitland Coal
1000' Pictured Cliffs

Date: 01/11/2001
Objective Formation: Commingled Pictured Cliffs
and Fruitland Coal

I. Drilling Costs (Included Run Casing)

Survey and Permits
Title Opinion
* Drilling (incl. water and mud) 1000' @ 15.00/ft.
BOP Rental
Dirt Work
Pit Lining
Surface Casing 200' @ 7.18/ft.
Casing Head
Cement Surface
Power Tongs
Casing 1000' @ 5.50/ft.
Trucking
Logs
Engineering
Cement Longstring
Total Cost to Run Casing
5.9375% Farmington, NM Tax
10% Contingency
Grand Total to Run Casing

Tangible	Intangible	Total	Fruitland Coal	Pictured Cliffs
	3,000		1,500	1,500
	3,000		1,500	1,500
	15,000		6,375	8,625
	750		375	375
	4,000		2,000	2,000
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1,500			750	750
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	1,000		500	500
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	3,000		1,500	1,500
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8,436	47,600	56,036	26,181	29,856
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		5,936	2,773	3,163
		65,299	30,508	34,791

II. Completion Costs

Rig Anchors
Logs
Perf.
Wellhead & Fittings
Tubing 1000' @ 2.50/ft.
Stimulation
Tool Rental
Trucking
Battery Installation
Restore Location
Engineering
Treater, Separator
Flowline
Tank & Fittings
Gravel
Workover Rig
Completion Fluids
Pipeline Hookup
Division Order Opinion
Frac Tank Rental
Flowback
Fence Location
Total Completion Costs
5.9375% Farmington, NM Tax
10% Contingency
Drilling Costs
Grand Total Well Costs

	750		375	375
	3,000		1,500	1,500
	3,500		1,750	1,750
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4,000			2,000	2,000
4,500			2,250	2,250
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	10,000		5,000	5,000
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		7,567	3,773	3,795
		13,502	6,731	6,771
		65,299	30,508	34,791
		213,819	104,550	109,269

FRUITLAND COAL

99.88281% RICHARDSON OPERATING CO ET AL
0.11719% LOWELL E. RENFRO
CALLIE P. RENFRO

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

\$104427
\$123
FC TOTAL \$104550

PICTURED CLIFFS

100% RICHARDSON OPERATING CO ET AL
0.00000% LOWELL E. RENFRO
CALLIE P. RENFRO

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

\$109269
\$
PC TOTAL \$109269
LOWELL RENFRO & CALLIE RENFRO TOTAL \$123



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

Conseco Finance Servicing Corp.
111 Lomas Boulevard, N.W., Suite 500
Albuquerque, New Mexico 87102

Re: Fruitland Coal/Pictured Cliffs Well Proposal
ROPCO #8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Gentlemen:

Enclosed is copy of New Mexico Oil Conservation Division Case No. 12643, Order No. R-11577, pertaining to your interest in the captioned well. Also enclosed for your review, is an AFE itemizing the estimated costs for drilling and completing said well.

In the event you elect to participate as a working interest owner in the drilling and completion attempt, please forward your share of the estimated well costs within 30 days from the date hereof. In the alternative, you may be designated as a non-consenting working interest owner as provided for in the Order.

Should you have any questions, feel free to write or call.

RICHARDSON PRODUCTION COMPANY

Cathleen Colby
Land Manager

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

Well Name: ROPCO #8-3 SECTION 8 PC SW/4, FC S/2
Location: T29N R14W
Proposed Depth: 850' Fruitland Coal
1000' Pictured Cliffs

Date: 01/11/2001
Objective Formation: Commingled Pictured Cliffs
and Fruitland Coal

I. Drilling Costs (Included Run Casing)

Survey and Permits
Title Opinion
* Drilling (incl. water and mud) 1000' @ 15.00/ft.
BOP Rental
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Cement Surface
Power Tongs
Casing 1000' @ 5.50/ft.
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Logs
Engineering
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Total Cost to Run Casing
5.9375% Farmington, NM Tax
10% Contingency
Grand Total to Run Casing

Tangible	Intangible	Total	Fruitland Coal	Pictured Cliffs
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1,436			718	718
1,500			750	750
	2,300		1,150	1,150
	1,000		500	500
5,500			2,338	3,163
	3,000		1,500	1,500
	3,750		1,875	1,875
	5,000		2,500	2,500
	4,000		1,700	2,300
8,436	47,600	56,036	26,181	29,856
		3,327	1,554	1,773
		5,936	2,773	3,163
		65,299	30,508	34,791

II. Completion Costs

Rig Anchors
Logs
Perf
Wellhead & Fittings
Tubing 1000' @ 2.50/ft.
Stimulation
Tool Rental
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Restore Location
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Treator, Separator
Flowline
Tank & Fittings
Gravel
Workover Rig
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Pipeline Hookup
Division Order Opinion
Frac Tank Rental
Flowback
Fence Location
Total Completion Costs
5.9375% Farmington, NM Tax
10% Contingency
Drilling Costs
Grand Total Well Costs

	750		375	375
	3,000		1,500	1,500
	3,500		1,750	1,750
4,000			2,000	2,000
2,500			1,063	1,438
	42,000		21,000	21,000
	2,300		1,150	1,150
	3,000		1,500	1,500
	6,000		3,000	3,000
	3,500		1,750	1,750
	5,800		2,900	2,900
5,300			2,650	2,650
4,000			2,000	2,000
4,500			2,250	2,250
	3,000		1,500	1,500
	10,000		5,000	5,000
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		65,299	30,508	34,791
		213,819	104,550	109,269

FRUITLAND COAL

99.88281% RICHARDSON OPERATING CO ET AL DATE _____
0.11719% CONSECO FINANCE SERVICING CORP DATE _____

APPROVED _____ \$104427
APPROVED _____ \$123
FC TOTAL \$104550

PICTURED CLIFFS

99.76563% RICHARDSON OPERATING CO ET AL DATE _____
0.23438% CONSECO FINANCE SERVICING CORP DATE _____

APPROVED _____ \$109013
APPROVED _____ \$256
PC TOTAL \$109269
CONSECO FINANCE SERVICING TOTAL \$379



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

Mr. and Mrs. Joe G. Singleton
P.O. Box 1665
Kirtland, New Mexico 87417

Re: Fruitland Coal/Pictured Cliffs Well Proposal
ROPKO #8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Dear Mr. and Mrs. Singleton:

Enclosed is copy of New Mexico Oil Conservation Division Case No. 12643, Order No. R-11577, pertaining to your interest in the captioned well. Also enclosed for your review, is an AFE itemizing the estimated costs for drilling and completing said well.

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RICHARDSON PRODUCTION COMPANY

Cathleen Colby
Land Manager

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

Well Name: ROPCO #8-3 SECTION 8 PC SW/4, FC S/2
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II. Completion Costs

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Logs
Perf
Wellhead & Fittings
Tubing 1000' @ 2.50/ft.
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Grand Total Well Costs

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	3,500		1,750	1,750
	5,800		2,900	2,900
5,300			2,650	2,650
4,000			2,000	2,000
4,500			2,250	2,250
	3,000		1,500	1,500
	10,000		5,000	5,000
	2,000		1,000	1,000
	13,000		6,500	6,500
	1,500		750	750
	2,500		1,250	1,250
	2,000		1,000	1,000
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		13,502	6,731	6,771
		65,299	30,508	34,791
		213,819	104,550	109,269

FRUITLAND COAL

99.71875% RICHARDSON OPERATING CO ET AL
0.28125% JOE G. SINGLETON
PATRICIA B. SINGLETON

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

\$104255
\$294
FC TOTAL \$104550

PICTURED CLIFFS

100% RICHARDSON OPERATING CO ET AL
0.00000% JOE G. SINGLETON
PATRICIA B. SINGLETON

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

\$109269
\$
PC TOTAL \$109269
JOE & PATRICIA SINGLETON TOTAL \$294



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

Mr. and Mrs. William Crosby, Jr.
P.O. Box 686
Waterflow, New Mexico 87421

Re: Fruitland Coal/Pictured Cliffs Well Proposal
ROPCO #8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Dear Mr. and Mrs. Crosby:

Enclosed is copy of New Mexico Oil Conservation Division Case No. 12643, Order No. R-11577, pertaining to your interest in the captioned well. Also enclosed for your review, is an AFE itemizing the estimated costs for drilling and completing said well.

In the event you elect to participate as a working interest owner in the drilling and completion attempt, please forward your share of the estimated well costs within 30 days from the date hereof. In the alternative, you may be designated as a non-consenting working interest owner as provided for in the Order.

Should you have any questions, feel free to write or call.

RICHARDSON PRODUCTION COMPANY

Cathleen Colby
Land Manager

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

Well Name: ROPCO #8-3 SECTION 8 PC SW/4. FC S/2
Location: T29N R14W
Proposed Depth: 850' Fruitland Coal
1000' Pictured Cliffs

Date: 01/11/2001
Objective Formation: Commingled Pictured Cliffs
and Fruitland Coal

I. Drilling Costs (Included Run Casing)

Survey and Permits
Title Opinion
* Drilling (incl. water and mud) 1000' @ 15.00/ft.
BOP Rental
Dirt Work
Pit Lining
Surface Casing 200' @ 7.18/ft.
Casing Head
Cement Surface
Power Tongs
Casing 1000' @ 5.50/ft.
Trucking
Logs
Engineering
Cement Longstring
Total Cost to Run Casing
5.9375% Farmington, NM Tax
10% Contingency
Grand Total to Run Casing

Tangible	Intangible	Total	Fruitland Coal	Pictured Cliffs
	3,000		1,500	1,500
	3,000		1,500	1,500
	15,000		6,375	8,625
	750		375	375
	4,000		2,000	2,000
	2,800		1,400	1,400
1,436			718	718
1,500			750	750
	2,300		1,150	1,150
	1,000		500	500
5,500			2,338	3,163
	3,000		1,500	1,500
	3,750		1,875	1,875
	5,000		2,500	2,500
	4,000		1,700	2,300
8,436	47,600	56,036	26,181	29,856
		3,327	1,554	1,773
		5,936	2,773	3,163
		65,299	30,508	34,791

II. Completion Costs

Rig Anchors
Logs
Perf
Wellhead & Fittings
Tubing 1000' @ 2.50/ft.
Stimulation
Tool Rental
Trucking
Battery Installation
Restore Location
Engineering
Treator, Separator
Flowline
Tank & Fittings
Gravel
Workover Rig
Completion Fluids
Pipeline Hookup
Division Order Opinion
Frac Tank Rental
Flowback
Fence Location
Total Completion Costs
5.9375% Farmington, NM Tax
10% Contingency
Drilling Costs
Grand Total Well Costs

	750		375	375
	3,000		1,500	1,500
	3,500		1,750	1,750
4,000			2,000	2,000
2,500			1,063	1,438
	42,000		21,000	21,000
	2,300		1,150	1,150
	3,000		1,500	1,500
	6,000		3,000	3,000
	3,500		1,750	1,750
	5,800		2,900	2,900
5,300			2,650	2,650
4,000			2,000	2,000
4,500			2,250	2,250
	3,000		1,500	1,500
	10,000		5,000	5,000
	2,000		1,000	1,000
	13,000		6,500	6,500
	1,500		750	750
	2,500		1,250	1,250
	2,000		1,000	1,000
3,300			1,650	1,650
23,600	103,850	127,450	63,538	63,913
		7,567	3,773	3,795
		13,502	6,731	6,771
		65,299	30,508	34,791
		213,819	104,550	109,269

FRUITLAND COAL

39.88266% RICHARDSON OPERATING CO ET AL
0.11734% WILLIAM CROSBY, JR.
ROSINDA CROSBY

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

FC TOTAL

\$104427
\$123
\$104550

PICTURED CLIFFS

100% RICHARDSON OPERATING CO ET AL
0.00000% WILLIAM CROSBY, JR.
ROSINDA CROSBY

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

PC TOTAL

WILLIAM & ROSINDA CROSBY TOTAL

\$109269
\$
\$109269
\$123



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

Mr. Fred Rebele
#3 County Road 6212
Kirtland, New Mexico 87417

Re: Fruitland Coal/Pictured Cliffs Well Proposal
ROPCO #8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Dear Mr. Rebele:

Enclosed is copy of New Mexico Oil Conservation Division Case No. 12643, Order No. R-11577, pertaining to your interest in the captioned well. Also enclosed for your review, is an AFE itemizing the estimated costs for drilling and completing said well.

In the event you elect to participate as a working interest owner in the drilling and completion attempt, please forward your share of the estimated well costs within 30 days from the date hereof. In the alternative, you may be designated as a non-consenting working interest owner as provided for in the Order.

Should you have any questions, feel free to write or call.

RICHARDSON PRODUCTION COMPANY

Cathleen Colby
Land Manager

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

Well Name: ROPCO #8-3 SECTION 8 PC SW/4, FC S/2
Location: T29N R14W
Proposed Depth: 850' Fruitland Coal
1000' Pictured Cliffs

Date: 01/11/2001
Objective Formation: Commingled Pictured Cliffs
and Fruitland Coal

I. Drilling Costs (Included Run Casing)

Survey and Permits
Title Opinion
* Drilling (incl. water and mud) 1000' @ 15.00/ft.
BOP Rental
Dirt Work
Pit Lining
Surface Casing 200' @ 7.18/ft.
Casing Head
Cement Surface
Power Tongs
Casing 1000' @ 5.50/ft.
Trucking
Logs
Engineering
Cement Longstring
Total Cost to Run Casing
5.9375% Farmington, NM Tax
10% Contingency
Grand Total to Run Casing

Tangible	Intangible	Total	Fruitland Coal	Pictured Cliffs
	3,000		1,500	1,500
	3,000		1,500	1,500
	15,000		6,375	8,625
	750		375	375
	4,000		2,000	2,000
	2,800		1,400	1,400
1,436			718	718
1,500			750	750
	2,300		1,150	1,150
	1,000		500	500
5,500			2,338	3,163
	3,000		1,500	1,500
	3,750		1,875	1,875
	5,000		2,500	2,500
	4,000		1,700	2,300
8,436	47,600	56,036	26,181	29,856
		3,327	1,554	1,773
		5,936	2,773	3,163
		65,299	30,508	34,791

II. Completion Costs

Rig Anchors
Logs
Perf
Wellhead & Fittings
Tubing 1000' @ 2.50/ft.
Stimulation
Tool Rental
Trucking
Battery Installation
Restore Location
Engineering
Treator, Separator
Flowline
Tank & Fittings
Gravel
Workover Rig
Completion Fluids
Pipeline Hookup
Division Order Opinion
Frac Tank Rental
Flowback
Fence Location
Total Completion Costs
5.9375% Farmington, NM Tax
10% Contingency
Drilling Costs
Grand Total Well Costs

	750		375	375
	3,000		1,500	1,500
	3,500		1,750	1,750
4,000			2,000	2,000
2,500			1,063	1,438
	42,000		21,000	21,000
	2,300		1,150	1,150
	3,000		1,500	1,500
	6,000		3,000	3,000
	3,500		1,750	1,750
	5,800		2,900	2,900
5,300			2,650	2,650
4,000			2,000	2,000
4,500			2,250	2,250
	3,000		1,500	1,500
	10,000		5,000	5,000
	2,000		1,000	1,000
	13,000		6,500	6,500
	1,500		750	750
	2,500		1,250	1,250
	2,000		1,000	1,000
3,300			1,650	1,650
23,600	103,850	127,450	63,538	63,913
		7,567	3,773	3,795
		13,502	6,731	6,771
		65,299	30,508	34,791
		213,819	104,550	109,269

FRUITLAND COAL

99.88141% RICHARDSON OPERATING CO ET AL
0.11859% FRED REBELE

DATE _____
DATE _____

APPROVED _____
APPROVED _____

FC TOTAL

\$104426
\$124
\$104550

PICTURED CLIFFS

99.76281% RICHARDSON OPERATING CO ET AL
0.23719% FRED REBELE

DATE _____
DATE _____

APPROVED _____
APPROVED _____

PC TOTAL

\$109010
\$259
\$109269

FRED REBELE TOTAL

\$383



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

Mr. Ronald J. Johnson and Ms. Leona R. Begay
P.O. Box 3517
Shiprock, New Mexico 87420-3517

Re: Fruitland Coal/Pictured Cliffs Well Proposal
ROPCO #8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Dear Mr. Johnson and Ms. Begay:

Enclosed is copy of New Mexico Oil Conservation Division Case No. 12643, Order No. R-11577, pertaining to your interest in the captioned well. Also enclosed for your review, is an AFE itemizing the estimated costs for drilling and completing said well.

In the event you elect to participate as a working interest owner in the drilling and completion attempt, please forward your share of the estimated well costs within 30 days from the date hereof. In the alternative, you may be designated as a non-consenting working interest owner as provided for in the Order.

Should you have any questions, feel free to write or call.

RICHARDSON PRODUCTION COMPANY

Cathleen Colby
Land Manager

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

Well Name: ROPCO #8-3 SECTION 8 PC SW/4, FC S/2
Location: T29N R14W
Proposed Depth: 850' Fruitland Coal
1000' Pictured Cliffs

Date: 01/11/2001
Objective Formation: Commingled Pictured Cliffs
and Fruitland Coal

I. Drilling Costs (Included Run Casing)

Survey and Permits
Title Opinion
* Drilling (incl. water and mud) 1000' @ 15.00/ft.
BOP Rental
Dirt Work
Pit Lining
Surface Casing 200' @ 7.18/ft.
Casing Head
Cement Surface
Power Tongs
Casing 1000' @ 5.50/ft.
Trucking
Logs
Engineering
Cement Longstring
Total Cost to Run Casing
5.9375% Farmington, NM Tax
10% Contingency
Grand Total to Run Casing

Tangible	Intangible	Total	Fruitland Coal	Pictured Cliffs
	3,000		1,500	1,500
	3,000		1,500	1,500
	15,000		6,375	8,625
	750		375	375
	4,000		2,000	2,000
	2,800		1,400	1,400
1,436			718	718
1,500			750	750
	2,300		1,150	1,150
	1,000		500	500
5,500			2,338	3,163
	3,000		1,500	1,500
	3,750		1,875	1,875
	5,000		2,500	2,500
	4,000		1,700	2,300
8,436	47,600	56,036	26,181	29,856
		3,327	1,554	1,773
		5,936	2,773	3,163
		65,299	30,508	34,791

II. Completion Costs

Rig Anchors
Logs
Perf.
Wellhead & Fittings
Tubing 1000' @ 2.50/ft.
Stimulation
Tool Rental
Trucking
Battery Installation
Restore Location
Engineering
Treater, Separator
Flowline
Tank & Fittings
Gravel
Workover Rig
Completion Fluids
Pipeline Hookup
Division Order Opinion
Frac Tank Rental
Flowback
Fence Location
Total Completion Costs
5.9375% Farmington, NM Tax
10% Contingency
Drilling Costs
Grand Total Well Costs

	750		375	375
	3,000		1,500	1,500
	3,500		1,750	1,750
4,000			2,000	2,000
2,500			1,063	1,438
	42,000		21,000	21,000
	2,300		1,150	1,150
	3,000		1,500	1,500
	6,000		3,000	3,000
	3,500		1,750	1,750
	5,800		2,900	2,900
5,300			2,650	2,650
4,000			2,000	2,000
4,500			2,250	2,250
	3,000		1,500	1,500
	10,000		5,000	5,000
	2,000		1,000	1,000
	13,000		6,500	6,500
	1,500		750	750
	2,500		1,250	1,250
	2,000		1,000	1,000
3,300			1,650	1,650
23,600	103,850	127,450	63,538	63,913
		7,567	3,773	3,795
		13,502	6,731	6,771
		65,299	30,508	34,791
		213,819	104,550	109,269

FRUITLAND COAL

99.86375% RICHARDSON OPERATING CO ET AL
0.13625% RONALD J. JOHNSON
LEONA R. BEGAY

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

\$104407
\$142
FC TOTAL \$104550

PICTURED CLIFFS

99.81813% RICHARDSON OPERATING CO ET AL
0.18188% RONALD J. JOHNSON
LEONA R. BEGAY

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

\$109070
\$199
PC TOTAL \$109269
RONALD JOHNSON & LEONA BEGAY TOTAL \$341



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

Mr. Gary C. Soza and Ms. Viola I. Blanton
#12 County Road 6212
Kirtland, New Mexico 87417

Re: Fruitland Coal Pictured Cliffs Well Proposal
ROPCO #8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Dear Mr. Soza and Ms. Blanton:

Enclosed is copy of New Mexico Oil Conservation Division Case No. 12643, Order No. R-11577, pertaining to your interest in the captioned well. Also enclosed for your review, is an AFE itemizing the estimated costs for drilling and completing said well.

In the event you elect to participate as a working interest owner in the drilling and completion attempt, please forward your share of the estimated well costs within 30 days from the date hereof. In the alternative, you may be designated as a non-consenting working interest owner as provided for in the Order.

Should you have any questions, feel free to write or call.

RICHARDSON PRODUCTION COMPANY

Cathleen Colby
Land Manager

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

Well Name: ROPCO #8-3 SECTION 8 PC SW/4, FC S/2
Location: T29N R14W
Proposed Depth: 850' Fruitland Coal
1000' Pictured Cliffs

Date: 01/11/2001
Objective Formation: Commingled Pictured Cliffs
and Fruitland Coal

I. Drilling Costs (Included Run Casing)

Survey and Permits
Title Opinion
* Drilling (incl. water and mud) 1000' @ 15.00/ft.
BOP Rental
Dirt Work
Pit Lining
Surface Casing 200' @ 7.18/ft.
Casing Head
Cement Surface
Power Tongs
Casing 1000' @ 5.50/ft.
Trucking
Logs
Engineering
Cement Longstring
Total Cost to Run Casing
5.9375% Farmington, NM Tax
10% Contingency
Grand Total to Run Casing

Tangible	Intangible	Total	Fruitland Coal	Pictured Cliffs
	3,000		1,500	1,500
	3,000		1,500	1,500
	15,000		6,375	8,625
	750		375	375
	4,000		2,000	2,000
	2,800		1,400	1,400
1,436			718	718
1,500			750	750
	2,300		1,150	1,150
	1,000		500	500
5,500			2,338	3,163
	3,000		1,500	1,500
	3,750		1,875	1,875
	5,000		2,500	2,500
	4,000		1,700	2,300
8,436	47,600	56,036	26,181	29,856
		3,327	1,554	1,773
		5,936	2,773	3,163
		65,299	30,508	34,791

II. Completion Costs

Rig Anchors
Logs
Perf
Wellhead & Fittings
Tubing 1000' @ 2.50/ft.
Stimulation
Tool Rental
Trucking
Battery Installation
Restore Location
Engineering
Treator, Separator
Flowline
Tank & Fittings
Gravel
Workover Rig
Completion Fluids
Pipeline Hookup
Division Order Opinion
Frac Tank Rental
Flowback
Fence Location
Total Completion Costs
5.9375% Farmington, NM Tax
10% Contingency
Drilling Costs
Grand Total Well Costs

	750		375	375
	3,000		1,500	1,500
	3,500		1,750	1,750
4,000			2,000	2,000
2,500			1,063	1,438
	42,000		21,000	21,000
	2,300		1,150	1,150
	3,000		1,500	1,500
	6,000		3,000	3,000
	3,500		1,750	1,750
	5,800		2,900	2,900
5,300			2,650	2,650
4,000			2,000	2,000
4,500			2,250	2,250
	3,000		1,500	1,500
	10,000		5,000	5,000
	2,000		1,000	1,000
	13,000		6,500	6,500
	1,500		750	750
	2,500		1,250	1,250
	2,000		1,000	1,000
3,300			1,650	1,650
23,600	103,850	127,450	63,538	63,913
		7,567	3,773	3,795
		13,502	6,731	6,771
		65,299	30,508	34,791
		213,319	104,550	109,269

PICTURED CLIFFS

99.76563% RICHARDSON OPERATING CO ET AL
0.23438% GARY C. SOZA
VIOLA I. BLANTON

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

\$104304
\$245
PC TOTAL \$104550

FRUITLAND COAL

99.88281% RICHARDSON OPERATING CO ET AL
0.11719% GARY C. SOZA
VIOLA I. BLANTON

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

\$109141
\$128
FC TOTAL \$109269
GARY SOZA & VIOLA BLANTON TOTAL \$373



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

Mr. Myron E. Shorty and Ms. Vangie Randall
#1 County Road 6212
Kirtland, New Mexico 87417

Re: Fruitland Coal/Pictured Cliffs Well Proposal
ROPCO #8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Dear Mr. Shorty and Ms. Randall:

Enclosed is copy of New Mexico Oil Conservation Division Case No. 12643, Order No. R-11577, pertaining to your interest in the captioned well. Also enclosed for your review, is an AFE itemizing the estimated costs for drilling and completing said well.

In the event you elect to participate as a working interest owner in the drilling and completion attempt, please forward your share of the estimated well costs within 30 days from the date hereof. In the alternative, you may be designated as a non-consenting working interest owner as provided for in the Order.

Should you have any questions, feel free to write or call.

RICHARDSON PRODUCTION COMPANY

Cathleen Colby
Land Manager

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

Well Name: ROPCO #8-3 SECTION 8 PC SW/4, FC S/2
Location: T29N R14W
Proposed Depth: 850' Fruitland Coal
1000' Pictured Cliffs

Date: 01/11/2001
Objective Formation: Commingled Pictured Cliffs
and Fruitland Coal

I. Drilling Costs (Included Run Casing)

Survey and Permits
Title Opinion
* Drilling (incl. water and mud) 1000' @ 15.00/ft.
BOP Rental
Dirt Work
Pit Lining
Surface Casing 200' @ 7.18/ft.
Casing Head
Cement Surface
Power Tongs
Casing 1000' @ 5.50/ft.
Trucking
Logs
Engineering
Cement Longstring
Total Cost to Run Casing
5.9375% Farmington, NM Tax
10% Contingency
Grand Total to Run Casing

Tangible	Intangible	Total	Fruitland Coal	Pictured Cliffs
	3,000		1,500	1,500
	3,000		1,500	1,500
	15,000		6,375	8,625
	750		375	375
	4,000		2,000	2,000
	2,800		1,400	1,400
1,436			718	718
1,500			750	750
	2,300		1,150	1,150
	1,000		500	500
5,500			2,338	3,163
	3,000		1,500	1,500
	3,750		1,875	1,875
	5,000		2,500	2,500
	4,000		1,700	2,300
8,436	47,600	56,036	26,181	29,856
		3,327	1,554	1,773
		5,936	2,773	3,163
		65,299	30,508	34,791

II. Completion Costs

Rig Anchors
Logs
Perf.
Wellhead & Fittings
Tubing 1000' @ 2.50/ft.
Stimulation
Tool Rental
Trucking
Battery Installation
Restore Location
Engineering
Treater, Separator
Flowline
Tank & Fittings
Gravel
Workover Rig
Completion Fluids
Pipeline Hookup
Division Order Opinion
Frac Tank Rental
Flowback
Fence Location
Total Completion Costs
5.9375% Farmington, NM Tax
10% Contingency
Drilling Costs
Grand Total Well Costs

	750		375	375
	3,000		1,500	1,500
	3,500		1,750	1,750
4,000			2,000	2,000
2,500			1,063	1,438
	42,000		21,000	21,000
	2,300		1,150	1,150
	3,000		1,500	1,500
	6,000		3,000	3,000
	3,500		1,750	1,750
	5,800		2,900	2,900
5,300			2,650	2,650
4,000			2,000	2,000
4,500			2,250	2,250
	3,000		1,500	1,500
	10,000		5,000	5,000
	2,000		1,000	1,000
	13,000		6,500	6,500
	1,500		750	750
	2,500		1,250	1,250
	2,000		1,000	1,000
3,300			1,650	1,650
23,600	103,850	127,450	63,538	63,913
		7,567	3,773	3,795
		13,502	6,731	6,771
		65,299	30,508	34,791
		213,819	104,550	109,269

FRUITLAND COAL

99.87891% RICHARDSON OPERATING CO ET AL
0.12109% MYRON E. SHORTY
VANGIE RANDALL

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

\$104423
\$127
FC TOTAL \$104550

PICTURED CLIFFS

100% RICHARDSON OPERATING CO ET AL
0.00000% MYRON E. SHORTY
VANGIE RANDALL

DATE _____
DATE _____
DATE _____

APPROVED _____
APPROVED _____
APPROVED _____

\$109269
\$
PC TOTAL \$109269
MYRON SHORTY & VANGIE RANDALL TOTAL \$127



RICHARDSON PRODUCTION COMPANY

1700 Lincoln, Suite 1700
Denver, Colorado 80203 (303) 830-8000
Fax (303) 830-8009

June 14, 2001

CLR, LLC
Attn: Mr. Doug Leming
P.O. Box 1564
Kirtland, New Mexico 87417

Re: Fruitland Coal/Pictured Cliffs Well Proposal
ROPCO #8-3 Well
S/2-Section 8-T29N-R14W
San Juan County, New Mexico

Dear Mr. Leming:

Enclosed is copy of New Mexico Oil Conservation Division Case No. 12643, Order No. R-11577, pertaining to your interest in the captioned well. Also enclosed for your review, is an AFE itemizing the estimated costs for drilling and completing said well.

In the event you elect to participate as a working interest owner in the drilling and completion attempt, please forward your share of the estimated well costs within 30 days from the date hereof. In the alternative, you may be designated as a non-consenting working interest owner as provided for in the Order.

Should you have any questions, feel free to write or call.

RICHARDSON PRODUCTION COMPANY

Cathleen Colby
Land Manager

**RICHARDSON OPERATING COMPANY
AUTHORITY FOR EXPEDITURES**

Well Name: ROPCO #8-3 SECTION 8 PC SW/4. FC S/2
Location: T29N R14W
Proposed Depth: 850' Fruitland Coal
1000' Pictured Cliffs

Date: 01/22/2001
Objective Formation: Commingled Pictured Cliffs
and Fruitland Coal

I. Drilling Costs (Included Run Casing)

Survey and Permits
Title Opinion
* Drilling (incl. water and mud) 1000' @ 15.00/ft.
BOP Rental
Dirt Work
Pit Lining
Surface Casing 200' @ 7.18/ft.
Casing Head
Cement Surface
Power Tongs
Casing 1000' @ 5.50/ft.
Trucking
Logs
Engineering
Cement Longstring
Total Cost to Run Casing
5.9375% Farmington, NM Tax
10% Contingency
Grand Total to Run Casing

II. Completion Costs

Rig Anchors
Logs
Perf
Wellhead & Fittings
Tubing 1000' @ 2.50/ft.
Stimulation
Tool Rental
Trucking
Battery Installation
Restore Location
Engineering
Treater, Separator
Flowline
Tank & Fittings
Gravel
Workover Rig
Completion Fluids
Pipeline Hookup
Division Order Opinion
Frac Tank Rental
Flowback
Fence Location
Total Completion Costs
5.9375% Farmington, NM Tax
10% Contingency
Drilling Costs
Grand Total Well Costs

Tangible	Intangible	Total	Fruitland Coal	Pictured Cliffs
	3,000		1,500	1,500
	3,000		1,500	1,500
	15,000		6,375	8,625
	750		375	375
	4,000		2,000	2,000
	2,800		1,400	1,400
1,436			718	718
1,500			750	750
	2,300		1,150	1,150
	1,000		500	500
5,500			2,338	3,163
	3,000		1,500	1,500
	3,750		1,875	1,875
	5,000		2,500	2,500
	4,000		1,700	2,300
8,436	47,600	56,036	26,181	29,856
		3,327	1,554	1,773
		5,936	2,773	3,163
		65,299	30,508	34,791
	750		375	375
	3,000		1,500	1,500
	3,500		1,750	1,750
4,000			2,000	2,000
2,500			1,063	1,438
	42,000		21,000	21,000
	2,300		1,150	1,150
	3,000		1,500	1,500
	6,000		3,000	3,000
	3,500		1,750	1,750
	5,800		2,900	2,900
5,300			2,650	2,650
4,000			2,000	2,000
4,500			2,250	2,250
	3,000		1,500	1,500
	10,000		5,000	5,000
	2,000		1,000	1,000
	13,000		6,500	6,500
	1,500		750	750
	2,500		1,250	1,250
	2,000		1,000	1,000
3,300			1,650	1,650
23,600	103,850	127,450	63,538	63,913
		7,567	3,773	3,795
		13,502	6,731	6,771
		65,299	30,508	34,791
		213,819	104,550	109,269

FRUITLAND COAL

99.71297% RICHARDSON OPERATING CO ET AL
0.28703% CLR LLC

DATE _____
DATE _____

APPROVED _____
APPROVED _____

\$104249
\$300

FC TOTAL

\$104550

PICTURED CLIFFS

99.42594% RICHARDSON OPERATING CO ET AL
0.57406% CLR LLC

DATE _____
DATE _____

APPROVED _____
APPROVED _____

\$108642
\$627

PC TOTAL

\$109269

CLR LLC TOTAL

\$927