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ABOVE THIS LINE FOR DIVISION USE ONLY

		NEW MEXICO OIL CONSERVATION DIVISION
		- Engineering Bureau -
		ADMINISTRATIVE APPLICATION COVERSHEET
	THIS CO	PERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS
Appli	cation Acronyms:	[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
	1]	[DD-Directional Drilling] [SD-Simultaneous Dedication]  Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  -Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	TYPE OF A [A]	PPLICATION - Check Those Which Apply for [A]  Location - Spacing Unit - Directional Drilling  NSL  NSP  DD  SD
	Checl [B]	COne Only for [B] or [C]  Commingling - Storage - Measurement  DIDHC CTB PLC PC COLS COLM
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  WFX PMX SWD IPI - EOR PPR
[2]	NOTIFICAT	TION REQUIRED TO: - Check Those Which Apply, or Does Not Apply Working, Royalty or Overriding Royalty Interest Owners
	[B]	Offset Operators, Leaseholders or Surface Owner
	[C]	☐ Application is One Which Requires Published Legal Notice
	[D]	☐ Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	(E)	For all of the above, Proof of Notification or Publication is Attached, and/or
	[F]	☐ Waivers are Attached

#### INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding [3]

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note. Statement must be completed by an individual with supervisory capacity

Paul C. Thompson	Paul C. Thomas	President
Print or Type Name	Signature	Title

8/20/97

Date

DISTRICT

F.O. Box 1860, Hobbs, NM 68241-1860

DISTRICT II \$11 South First St., Artems, MM 88210-2625

### State of New Mexico Energy, Minerals and Natural Resources Department OIL CONSERVATION DIVISION

2040 S. Pacheco Santa Fe, New Mexico 87505-6429

Form C-107-A New 3-12-96

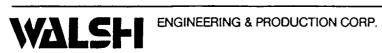
APPROVAL PROCESS:

\_\_ Administrative \_\_Hearing

ac. NM 47410-1693	APPLICATION FOR DOWNHOLF COMMINGLING	c

DISTRICT HI 1000 No Grazes Nd. Artoc. NM 87410-1892	APPLICATION FOR DOW	WHOLE COMMINGLING	EXISTING WELLBOREYESNO
Thompson Engineering	& Production Corp. 7	415 E. Main, Farmingto	on, New Mexico 87402
Blancett	2R P	13 30N 12W	San Juan
OGRID NO. 037581 Property Cod		Spacing	Unit Lease Types: lehack t or more! . State, (onders Fee X
The following facts are submitted in support of downhole commingling:	Upper Zane	intermediate Zone	Lower Zana
Pool Name and     Pool Code	Basin Fruitland Coal		Aztec Pictured Cliffs
Top and Bottom of Pay Section (Perforations)	1784 - 1802		1804 - 1852
3. Type of production (Olf or Gas)	Gas		Gas
Method of Production     (Flowing or Artificial Lift)	Pumping		Pumping
Bottomhole Pressure     Oll Zones - Artificial Lift;     Estimated Current     Gas & Oil - Flowing:	e. (Current)	•.	a.
Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b. (Original)	b.	ь. 350
6. Oil Gravity (* API) or Gas BTU Content			1127
7. Producing or Shut-In?			
Production Marginal? (yes or no)			Yes
<ul> <li>If Shut-In, give date and oil/gas/ water rates of last production</li> </ul>	Gate: Rates:	Date: Rates:	Oete: Rates:
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data			
* If Producing, give date andoll/gas/ water rates of recent test (within 60 days)	Date: Reces	Dote: Auteo:	Dote: 4/97 **Raise: 50 MCF/D 5 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	04: Ges: %	O#: Gas: %	Oil: Sas: %
10. Are all working, overriding, a If not, have all working, over	porting data and/or explaining	method and providing rate proj all commingled zones? en notified by certified mail?	jections or other required data.  Yes X No X Yes No
11. Will cross-flow occur? flowed production be recover	Yes $\underline{X}$ No If yes, are fluids ed, and will the allocation form	compatible, will the formations ula be reliable Yes	not be damaged, will any cross- No (If No, attach explanation)
12. Are all produced fluids from a		<del>-</del>	<del></del>
<ol> <li>Will the value of production t</li> <li>If this well is on, or community</li> </ol>	itized with, state or federal land	ds. either the Commissioner of	Public Lands or the
United States Bureau of Land 15. NMOCD Reference Cases for	d Management has been notifie	d in writing of this application.	No
16. ATTACHMENTS:  C-102 for each zo Production curve For zones with no Data to support all Notification list of Notification list of	ne to be commingled showing or each zone for at least one you production history, estimated protection method or formula	its spacing unit and acreage de ear. (If not available, attach ei production rates and supporting	edication. xplanation.} g data.
hereby certify that the informati	ion above is true and complete	to the best of my knowledge	and belief.
SIGNATURE Paul C.	Thomas	TITLE President	DATE 8/19/97
TYPE OR PRINT NAME Pau		TELEPHONE NO. (	





Petroleum Engineering Consulting Lease Management Contract Pumping

Farmington, New Mexico 87402 (505) 327-4892

August 1, 1997

Mr. William J. LeMay New Mexico Oil Conservation Division 2040 S. Pacheco Santa Fe, NM 87504-2088

Non-Standard Spacing Unit Re: Downhole Commingling Application Thompson Engineering Blancett #2R 790' FSL, 830' FEL Section 13, T30N R12W San Juan County, NM

Dear Mr. LeMay,

This is a request for administrative approval for a Non-Standard Spacing Location in the Basin Fruitland Coal pool, and for downhole commingling of the production from the Pictured Cliffs and Fruitland Coal, for the referenced well.

The Blancett #2R is currently producing from the Aztec Pictured Cliffs pool. The well is only capable of marginal production, despite our efforts to produce the well with a compressor and pump jack. A Fruitland Coal completion, subsequent downhole commingling with the Pictured Cliffs in this wellbore, will allow us to produce our Fruitland Coal gas without the expense of drilling additional wells. Besides the economic benefits of utilizing the existing wellbore, we will reduce the surface disturbance since the pad and pipeline facilities are already in place. The surface is owned by Richard Blancett.

Exhibit 1 is a copy of Form C-102 for each formation. Attached is a plat indicating the offset Fruitland Coal and Pictured Cliffs operators and existing wells (Exhibit 2) and a list of offset operators and their addresses (Exhibit 3).

The offset Fruitland Coal and Pictured Cliffs operators are being notified of this application by certified return receipt mail. Copies of these letters are enclosed as Exhibit 4.



Exhibit 5 is a list of the working, royalty, and overriding royalty interest owners in the proposed commingled well. All of these parties were notified of this application by certified mail. Copies of these letters are also included in Exhibit 5.

Exhibit 6 describes the proposed allocation formula. Exhibit 7 is a rate vs. time curve for the Pictured Cliffs formation and a list of the monthly production. Also included in Exhibit #7 is a gas analysis from the Pictured Cliffs formation.

Thank you for your consideration and approval of this application. If you have any questions please do not hesitate to call upon me.

Sincerely,

Paul C. Thompson, P.E.

President, Thompson Engineering

cc: Chris Coleman
NMOCD Aztec NM

### LIST OF EXHIBITS

Form C-102	Exhibit	1
Plat of Offset Operators	Exhibit	2
List of Offset Operators	Exhibit	3
Notification Letters to Offset Operators	Exhibit	4
List of Working, Royalty and ORR Owners and Notification Letters	Exhibit	5
Allocation Formula	Exhibit	6
Rate vs. Time Curve and Gas Analysis From Pictures Cliffs	Exhibit	7

•*		

District I PO Hox 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Hruzos Rd., Aziec, NM 87410 District IV

PO Box 2088, Santa Fc, NM 87504-2088

API Number

## State of New Mexico Energy, Minerals & Natural Resonunces Department

### OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office

State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Nume

1 Pool Code

	Ari Numb		712	280		Aztec Picture	ed Cliffs	-me	r		
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			11 Bott	tom Hole	Location I	f Different Fro	om Surface				
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District I PO Box 1980, Hobbs, NM 88241-1980 District [[ PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rie Bruzes Rd., Aztec, NM 87410 District IV

PO Box 2008, Santa Fc. NM 87504-2088

# State of New Mexico Energy, Minerals & Natural Resonurces Department

### OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088

Form C-102 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

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	,	Gilbreath	Maralex 19
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### THOMPSON ENGINEERING & PRODUCTION CORP.

#### Blancett #2R

790' FSL & 830'FEL Sec. 13, T30N, R12W San Juan County, New Mexico

The following property owners have received written notice of the proposed Non-Standard Spacing and Downhole Commingling Application.

Mr. Mickey O'Hare Maralex Resources P.O. Box 338 Ignacio, CO 81137

Mr. Norman Gilbreath P.O. Box 208 Aztec, NM 87410

Mr. James Strickler Burlington Resources, Inc. 3535 E. 30th Street Farmington, NM 87402

I certify that this letter has been mailed to the above property owner.

Paul C. Thompson

San Juan County ) ) ss State of New Mexico )

The following instrument was acknowledged before me this 20th day of laugust 1997 by Paul C. Thompson.

Notary Public

My Commission Expires:

July 31, 2001

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# WALSHI

#### ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

### CERTIFIED - RETURN RECEIPT

August 7, 1997

Mr. Mickey O'Hare Maralex Resources, Inc. P.O. Box 338 Ignacio, Colorado 81137

Re: Non-Standard Spacing Unit

Downhole Commingling Thompson Engineering

Blancett #2R

790' FSL and 830' FEL Sec. 13, T30N, R12W San Juan County, NM

Basin Fruitland Coal and Aztec Pictured Cliffs

Dear Mr. O'Hare,

Enclosed you will find a copy of the above referred to application that has been submitted to the New Mexico Oil Conservation Division for administrative approval. As an offset operator you are being notified of this application pursuant to NMOCD rules.

If you desire to submit remarks concerning the application, please send them to Mr. William J. LeMay, Director, New Mexico Oil Conservation Division, Santa Fe, New Mexico, within 20 days from the receipt of this notice. A copy of any remarks to the undersigned would be appreciated.

Thank you for your consideration in this matter and if you have any questions, please do not hesitate to call upon me.

Sincerely,

Paul C. Thompson, P.E.

Paul C. Thomps -

President



# WALSH

**ENGINEERING & PRODUCTION CORP.** 

Petroleum Engineering Consulting Lease Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

CERTIFIED- RETURN RECEIPT

August 7, 1997

Mr. Norman Gilbreath P.O. Box 208 Aztec, New Mexico 87410

Re: Non-Standard Spacing Unit Downhole Commingling Thompson Engineering Blancett #2R 790' FSL and 830' FEL Sec 13 T30N R12W San Juan County, NM

Basin Fruitland Coal and Aztec Pictured Cliffs

Dear Mr. Gilbreath,

Enclosed you will find a copy of the above referred to application that has been submitted to the New Mexico Oil Conservation Division for administrative approval. As an offset operator you are being notified of this application pursuant to NMOCD rules.

If you desire to submit remarks concerning the application, please send them to Mr. William J. LeMay, Director, New Mexico Oil Conservation Division, Santa Fe, New Mexico, within 20 days from the receipt of this notice. A copy of any remarks to the undersigned would be appreciated.

Thank you for your consideration in this matter and if you have any questions, please do not hesitate to call upon me.

Sincerely,

Paul C. Thompson, P.E.

Paul C. Thomps -

President

Thompson Engineering



# WALSH

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

CERTIFIED- RETURN RECEIPT

August 7, 1997

Mr. James Strickler Burlington Resources, Inc. 3535 E. 30th Street Farmington, New Mexico 87402

Re: Non-Standard Spacing Unit Downhole Commingling Thompson Engineering Blancett #2R 790' FSL and 830' FEL Sec 13 T30N R12W San Juan County, NM

Basin Fruitland Coal and Aztec Pictured Cliffs

Dear Mr. Strickler,

Enclosed you will find a copy of the above referred to application that has been submitted to the New Mexico Oil Conservation Division for administrative approval. As an offset operator you are being notified of this application pursuant to NMOCD rules.

If you desire to submit remarks concerning the application, please send them to Mr. William J. LeMay, Director, New Mexico Oil Conservation Division, Santa Fe, New Mexico, within 20 days from the receipt of this notice. A copy of any remarks to the undersigned would be appreciated.

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Sincerely,

Paul C. Thompson, P.E.

Paul C. Thomps -

President

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				·
	•			



# WALSHI

**ENGINEERING & PRODUCTION CORP.** 

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Paul C. or Leslie W. Thompson 7415 E. Main Farmington, New Mexico 87402

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. & Mrs. Thompson,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

If you desire to submit remarks concerning the application, please send them to Mr. William J. LeMay, Director, New Mexico Oil Conservation Division, Santa Fe, New Mexico, within 20 days from the receipt of this notice. A copy of any remarks to the undersigned would be appreciated.

Please feel free to call or write me at the letterhead address, if you have any questions.

Sincerely,



# WALSHI

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Leese Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Amoco Production Company P.O. Box 21868 Tulsa, Oklahoma 74121

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,





Petroleum Engineering Consulting Leese Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Four Star Oil & Gas Company Attn: Controllers P.O. Box 201665 Houston, Texas 77216

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

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Sincerely,





Petroleum Engineering Consulting Lesse Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Carl Noel General Delivery Farmington New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Noel,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Please feel free to call or write me at the letterhead address, if you have any questions.

Sincerely,





Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Gerorge E. Coleman 1800 McDonald Road Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Coleman,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Please feel free to call or write me at the letterhead address, if you have any questions.

Sincerely,





Petroleum Engineering Consulting Lesse Management Contract Pumping 7415 East Main Fermington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Tom P. Schell General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Schell,

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Please feel free to call or write me at the letterhead address, if you have any questions.

Sincerely,





Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Tom P. & Lola P. Schell General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. & Mrs. Schell,

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Sincerely,

Paul C. Thompson, P.E.

Yaul C. Thouse





Laboration and

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Merico 87402 (505) 327-4892

August 7, 1997

Max Coll, Inc. General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

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Sincerely,

Paul C. Thompson, P.E.

Paul C. Thomps -





Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Ms. Yvvona Stephens General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Ms. Stephens,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Please feel free to call or write me at the letterhead address, if you have any questions.

Sincerely,



The Englishment According



ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 67402 (505) 327-4892

August 7, 1997

Rose H. & Edward N. Aument General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. & Mrs. Aument,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,

Paul C. Thomps Paul C. Thompson, P.E.





Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Elbert R. & Shirley Stotts General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. & Mrs. Stotts,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,

Paul C. Thompson, P.E.

Paul C. Thomps-





Petroleum Engineering Consulting Leese Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Frank & Mavis Lillywhite General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. & Mrs. Lillywhite,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



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ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Bailey E. & Irma Gower General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. & Mrs. Gower,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,





Petroleum Engineering Consulting Lease Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

The Denver & Rio Grande P.O. Box 209711 Houston, Texas 77216

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,





Petroleum Engineering Consulting Leese Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Tidewater Oil Company General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

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Sincerely,





Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Monsanto Chemical Co. General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

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Sincerely,

Paul C. Thompson, P.E.

Paul C. Though -





Petroleum Engineering Consulting Lesse Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Rodney P. Calvin General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Calvin,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



# WALSH

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Weldon C. Julander General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Julander,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



- - - Vidos raction against

# WALSHI

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. J.R. Stephens General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Stephens,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Please feel free to call or write me at the letterhead address, if you have any questions.

Sincerely,



ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Leese Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Western Distributing Co. General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N; R12W
San Juan County, New Mexico

To Whom It May Concern:

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Sincerely,





Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Ms. Dawn G. Bleakley General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Ms. Bleakley,

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Sincerely,





Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Anthony F. Zarlengo General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Zarlengo,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



**ENGINEERING & PRODUCTION CORP.** 

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. L.G. Krieger General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Krieger,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Northwest Production Co. General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

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Sincerely,



**ENGINEERING & PRODUCTION CORP.** 

Petroleum Engineering Consulting Lease Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

El Paso Natural Gas Company General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

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Sincerely,



#### **ENGINEERING & PRODUCTION CORP.**

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Conoco, Inc.
General Delivery
Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

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Sincerely,

#### Blancett #2R Commingling Application

## Working, Overriding, and Royalty Interests

#### Pictured Cliffs

Pictured Cliffs		Net Revenue Interest
We We	orking Interest	
Coleman Oil and Gas Paul Thompson Amoco George E. Coleman Four Star Oil and Gas El Paso (Non-consent) Conoco (Non-consent) Carl Noel, et. al. Richard Blancett Kenneth Blancett Cecil Cast Jim Young Elliot Riggs Amoco, et. al. Four Star, et. al. Conoco, et. al. Martha L.R. Wright D.E. and Virginia McC Norman Gilbreath	0.61773 0.07000 0.03500 0.10000 0.04792 0.00473 0.00800 0.11662	0.49246 0.05581 0.02925 0.07972 0.04180 0.00394 0.00680 0.10204 0.02767 0.02767 0.00536 0.00180 0.08354 0.00575 0.00575 0.00754 0.00199 0.00042 0.00141 0.02503 1.000

#### Fruitland Coal

Owner Wo	orking Interest 0.34835	Net Revenue Interest 0.30478
Paul Thompson	0.02938	0.02537
Amoco	0.05624	0.04683
George E. Coleman	0.10085	0.08181
Four Star Oil and Gas		0.08952
El Paso (Non-consent)	0.02513	0.01102
Conoco (Non-consent)	0.02678	0.02497
Elliot Riggs	0.30631	0.30631
Richard Blancett		0.01171
Kenneth Blancett		0.01171
Cecil Cast		0.00213
Amoco, et. al.		0.00575
Four Star, et. al.		0.00754
Conoco, et. al.		0.00199
Martha L.R. Wright		0.00677
D.E. & Virginia McCoy		0.00071
Tom P. Schell		0.00387
Tom P. & Lola P. Schell	L	0.00387
Max Coll Inc.		0.00310
Yvvona Stephens		0.00141
Rose & Edward N. Aument		0.00717
Elbert R. & Shirly Stot		0.00041
Frank S. & Mavis Lillyv	white	0.00482
Bailey E. & Irma Gower		0.00199
Rio Grande		0.00106
E.B. Reidhead		0.00198
Tidewater Oil Co.		0.03350
Monsanto Chemical Co.		0.00416
Rodney P. Calvin		0.00154
Weldon C. Julander		0.00154
J.R. Stephens		0.00069
Western Distributing		0.00075
Dawn Bleakley		0.00255
Anthony F. Zarlengo		0.00102
L.G. Krieger		0.00051
Northwest Production		0.00042

1.00

1.00000





Petroleum Engineering Consulting Lesse Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 1, 1997

Mr. Richard Blancett 278 Road 3000 Aztec, New Mexico 87410

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Blancett,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,





Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 1, 1997

Mr. Kenneth Blancett 303 Road 3000 Aztec, New Mexico 87410

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Blancett,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,





Petroleum Engineering Consulting Lease Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Cecil Cast P.O. Box 57 Elephant Butte, New Mexico 87935

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Cast,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



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#### **ENGINEERING & PRODUCTION CORP.**

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. James Young P.O. Box 92 Aztec, New Mexico 87410

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Young,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lesse Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Elliott A. Riggs P.O. Box 711 Farmington, New Mexico 87499

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Riggs,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Amoco Production Company Gower Royalty P.O. Box 21868 Tulsa, Oklahoma 74121

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

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If you desire to submit remarks concerning the application, please send them to Mr. William J. LeMay, Director, New Mexico Oil Conservation Division, Santa Fe, New Mexico, within 20 days from the receipt of this notice. A copy of any remarks to the undersigned would be appreciated.

Please feel free to call or write me at the letterhead address, if you have any questions.

Sincerely,





Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Amoco Production Company Reidhead Royalty P.O. Box 21868 Tulsa, Oklahoma 74121

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Four Star Oil & Gas Company Reidhead Royalty Attn: Controllers P.O. Box 201665 Houston, Texas 77216

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



## WALSHI

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. E.B. Reidhead General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Reidhead,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Amoco Production Company Wright Royalty P.O. Box 21868 Tulsa, Oklahoma 74121

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

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Sincerely,



ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Four Star Oil & Gas Company Wright Royalty Attn: Controllers P.O. Box 845896 Dallas, Texas 75284

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Ms. Martha L.R. Wright Conoco Royalty General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Ms. Wright,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,





Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Ms. Martha L.R. Wright General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Ms. Wright,

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Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

The Denver & Rio Grande El Paso & Conoco Royalty P.O. Box 209711 Houston, Texas 77216

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Four Star Oil & Gas Company Rio Grande Royalty Attn: Controllers P.O. Box 845896 Dallas, Texas 75284

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

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Please feel free to call or write me at the letterhead address, if you have any questions.

Sincerely,



ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Lease Management Contract Pumping

7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

D.E. & Virginia McCoy General Delivery Farmington, New Mexico 87401

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. & Mrs. McCoy,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



#### **ENGINEERING & PRODUCTION CORP.**

Petroleum Engineering Consulting Lease Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Mr. Norman Gilbreath P.O. Box 208 Aztec, New Mexico 87410

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

Dear Mr. Gilbreath,

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Sincerely,



Petroleum Engineering Consulting Lease Management Contract Pumping

7415 Fast Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Amoco Production Company Stephens Royalty P.O. Box 21868 Tulsa, Oklahoma 74121

RE: Thompson Engineering Blancett #2R 790' FSL & 830' FEL Section 13, T30N, R12W San Juan County, New Mexico

To Whom It May Concern:

Thompson Engineering proposes to complete the above described well in the Fruitland Coal formation and downhole commingle the production from the Fruitland Coal with the existing Pictured Cliffs production. The east half of Section 13, T30N, R12W is being dedicated to the Fruitland formation. As a working interest, royalty, or overriding royalty owner in this proposed drill block, you are being notified of this project pursuant to New Mexico Oil and Gas Conservation Division regulations.

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Please feel free to call or write me at the letterhead address, if you have any questions.

Sincerely,

Paul C. Thomps -Paul C. Thompson, P.E.



ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting Leese Management Contract Pumping 7415 East Main Farmington, New Mexico 87402 (505) 327-4892

August 7, 1997

Coleman Oil & Gas Inc. P.O. Drawer 3337 Farmington, New Mexico 87499

RE: Thompson Engineering
Blancett #2R
790' FSL & 830' FEL
Section 13, T30N, R12W
San Juan County, New Mexico

To Whom It May Concern:

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#### Blancett #2R Commingling Application

#### Allocation Formula

The Aztec Pictured Cliffs was completed in November of 1995. Production from the well has steadly declined to the point that the well is only marginally economic. The decline curve is attached. The decline rate on the Pictured Cliffs formation has been calculated at 38.8% per year.

The Fruitland Coal has not been completed so there is insufficient data to determine a stabilized flow rate or decline curve.

Thompson proposes to allocate the production from the commingled well according to the following formula:

 $Q_{Ftc} = Q_{Total} - (Q_{PCi} * e^{(-D*t)})$ 

where:

 $Q_{F+C}$  = Production allocated to the Fruitland Coal

 $Q_{Total} = Total measured production from the well$ 

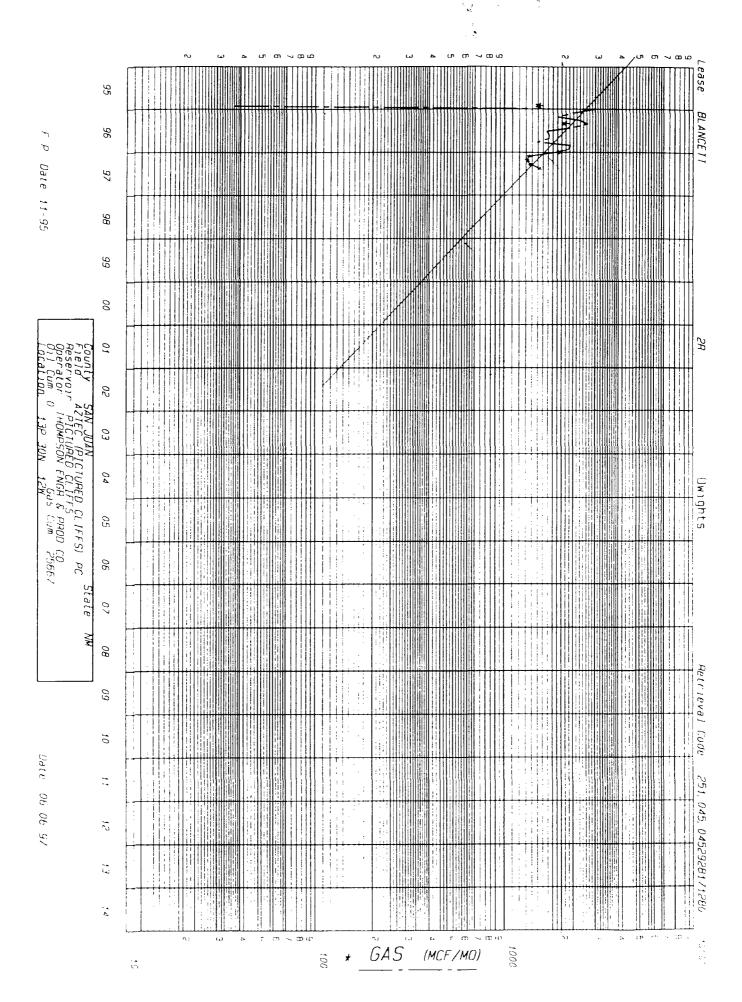
QPCi = Last Pictured Cliffs rate prior to commingling

D = Expontential decline rate (0.3233/mo.) =
 38.8%/year

t = time since commingling began in months.

Both zones are expected to have very similar bottom hole pressures (approximately 350 psig from the Pictured Cliffs and the Fruitland Coal) so cross flow will not be a factor. Both zones will produce some amount of water. Neither zone is fluid sensitive and the fluids from the two zones are compatible. A copy of the gas analysis from the Pictured Cliffs is attached.

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GAS WE	LL HIST	S NORTHWEST			DAT: (#2!	A CURRE 51,045,	NT THRU:	06/06/97 11/96 .71280 )
OPERATOR (#182142) WELL NAME						WELL #		
THOMPS	ON ENGR	& PROD CO	BLAI	NCETT			<b></b>	2R
LOCA	ATION	STATE	DIST	COUNT	Y (#045	<b>-</b> - 5)	LE	ASE #
13P 30N	√ 12₩	NM	004	SAN JUAN			0	
		F.	ELD (#8	8003474)			RESER	VOIR
30-045-	-2928100	AZTEC (PIC						LIFFS
		LOWER PERF	GAS GATH		GAS GRAV	LIQ GRAV	TEMP GRAD	N-FACTOR
	1804	1852					1.700	
COMP DATE		1ST PROD DATE		LAST PROD		STAT	ΓE	STATUS
9511		9511		9611				INA
	IRU LPD		CE DATE					
	25667	FPI	TAC					

DWIGHTS ENERGYDATA, INC. File: BLANCET.DMP RUN DATE: 06/06/97 THOMPSON ENGR & PROD CO DATA CURRENT THRU: 11/96 BLANCETT

(#251,045,0452928171280)

\*\*\* GAS TEST INFORMATION \*\*\*

WH BBLS/DAY BBLS/DAY TEST DATE CUM TO TEST WHSIP BHP BHP/Z T POTENTIAL FLOW WATER COND 

\*\*\*\*\* NO TESTS \*\*\*\*\*

DWIGHTS ENERGYDATA, INC. File: BLANCET.DMP RUN DATE: 06/06/97 THOMPSON ENGR & PROD CO DATA CURRENT THRU: 11/96

BLANCETT

(#251,045,0452928171280 )

#### \*\*\* ANNUAL PRODUCTION HISTORY \*\*\*

YEAR	GAS/MCF	COND/BBLS	WATER/BBLS
1995	3018	0	0
1996	22649	0	2726

DWIGHTS ENERGYDATA, INC. File: BLANCET.DMP RUN DATE: 06/06/97 THOMPSON ENGR & PROD CO DATA CURRENT THRU: 11/96

BLANCETT

(#251,045,0452928171280)

\*\*\* MONTHLY PRODUCTION HISTORY \*\*\*

MONT	GAS H MCF	CUM GAS MCF	COND BBLS	CUM COND BBLS	WATER BBLS	DAYS ON
NOV	3	7 37	0	0	0	
DEC	298	1 3018	0	0	0	31
1995	301	8 3018	0	0	0	
JAN	231	3 5331	0	0	0	31
FEB	189	7 7228	0	0	0	29
MAR	246	3 9691	0	0	0	31
APR	273	1 12422	0	0	0	30
MAY	226	7 14689	0	0	640	31
JUN	167	0 16359	0	0	240	30
${ m JUL}$	171	5 18074	0	0	166	31
AUG	171	2 19786	0	0	400	31
SEP	148		0	0	160	28
OCT	221	4 23488	0	0	720	29
NOV	217	9 25667	0	0	400	30
1996	2264	9 25667	0	0	2726	
DEC	1931					31
JAN	1997 1320					31
FEB	1309					28
MAR	1305					31
APR	1525					30

# EL PASO NATURAL GAS COMPANY VOLUME ACCOUNTING DEPARTMENT MEASUREMENT DIVISION POST OFFICE BOX 1492 EL PASO, TEXAS 79978 PHONE: (915) 541-2595 CHROMATOGRAPHIC GAS ANALYSIS REPORT

DATE 8/09/96

MAILEE 26756

THOMPSON ENGINEERING & PRODUCT CORPORATION 7415 EAST MAIN STREET FARMINGTON, NM 87402-5180

METER NUMBER 97978 - BLANCETT #2R OPERATOR 0523 - THOMPSON ENGINEERING & PROD

ANALYSIS DATE 6/24/96
SAMPLE DATE 6/20/96
EFFECTIVE DATE 7/01/96
EFFECTIVE FOR 6 MONTHS

TYPE CODE 2 - ACTUAL
H2S GRAINS 0
LOCATION D - DANIELS FM

COMPONENTS	NORMALIZED  MOL %	GP <b>M</b>
CO2	.76	.000
H2S	.00	.000
N2	.25	.000
METHANE	90.34	.000
ETHANE	4.86	1.300
PROPANE	1.94	.535
ISO-BUTANE	.36	.118
NORM-BUTANE	.53	.167
ISO-PENTANE	.20	.073
NORM-PENTANE	.14	.051
HEXANE PLUS	62	271
	100.00	2,515

NODWAL TOED

SPECIFIC GRAVITY .642

MIXTURE HEATING VALUE (BTU @ 14.73 DRY) 1127

RATIO OF SPECIFIC HEATS .000

NO TEST SECURED FOR H2S CONTENT