

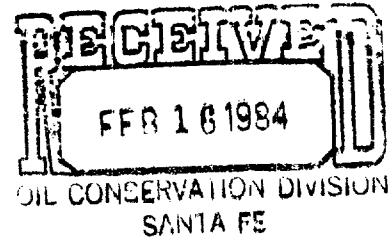
**ARCO Oil and Gas Company**

Permian District - West Texas  
P.O. Box 1719  
Hobbs, New Mexico 88240  
Telephone 505 292-1551

CTB #288  
- Change -



February 14, 1984



New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Dear Gilbert:

Attached are the Ownership Reports and the two packages which were sent out to the owners of the Duthie Andrews and Langlie Federal Leases. Also attached are the original Application letter and the Commingling Authority.

It should be noted that for the Langlie Leases, my original Application letter to Commingle by Test included the Langlie Federal "B" Lease, Wells 1 and 2. It has come to my attention that well No. 2 is not commingled in this battery, so it should not be included in the Commingling Authority.

I'll further advise of the status of the waiver forms as I receive them. If you have any questions, call me at Ext. 205.

Sincerely,

Tony Carapezza  
Production/Facilities Engineer

TC:jc

Attachments



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Roswell District Office

P. O. Box 1397

Roswell, New Mexico 88201

IN REPLY  
REFER TO:

LC-032726  
LC-054453

August 16, 1984

ARCO Oil and Gas Company  
Attention: Mr. Anthony Carapezza  
P.O. Box 1710  
Hobbs, New Mexico 88240

Gentlemen:

Your application, dated February 7, 1984 with corrected production data dated June 4, 1984, for permission to surface commingle and off lease storage of production from the Duthie Andrews Federal lease No. LC-032726 with production from the Duthie Andrews WN lease No. LC-054453 and stored in facilities to be located in the NW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub> sec. 19, T. 23 S., R. 37 E., Lea County, New Mexico, lease No. LC-054453, is hereby approved.

As a condition of approval, you are required to test each well for a minimum of twenty-four (24) hours once per month. Any wells or leases proposed to be added to the approved commingling facilities must be approved by the Area Manager in Carlsbad prior to their being included in the facility. Any waterflood operations you contemplate in the future must be conducted pursuant to either an approved lease line agreement or a secondary recovery unit agreement, as appropriate.

This approval should not be construed as granting any right-of-way or construction rights not granted by the lease instrument. Such approval must be obtained from the surface managing agencies concerned.

Please notify the Area Manager in Carlsbad when this action is initiated.

Sincerely yours,

District Manager

Associate

HOBBS OFFICE

AUG 20 1984

DATE RECD.

ARCO Oil and Gas Company  
New Mexico-Arizona District  
P.O. Box 1710  
Hobbs, New Mexico 88240  
Telephone 505 393 7163



January 31, 1984

RE: Commingling by Test on Duthie Andrews Leases

Gentlemen:

Because of the marginal producing nature of the wells on the Duthie Andrews leases, we would like to commingle the leases by test, rather than by the current procedure of metering them separately. The wells on the two leases belong to the same pool, and the leases are:

Langlie Mattix-Seven Rivers Queen Pool (State of New Mexico  
Commingling Order, dated 10-22-81)

Duthie Andrews Federal Lease  
(SW/4, SE/4, Sec 18, T23S, R37E, Lea County, NM)  
Duthie Andrews WN Lease  
(N/2, SE/4 & SE/4, SE/4, Sec 18 & NE/4, Sec 19,  
T23S, R37E, Lea County, NM)

The wells on these leases are physically incapable of producing top unit allowable (80 BOPD) for the Langlie Mattix-Seven Rivers Queen Pool. And commingling by test is an accurate method of production determination. Also, it would enable us to more economically produce these marginal leases.

Attached is a production report for the last two months of 1983 for the leases. Also attached is a copy of the original State Commingling Order CTB-288, dated 10-22-81 and an Amended Administrative Order DHC-402, dated 6-16-83.

Please fill out the attached form as soon as possible. If you have any questions, please call me at Ext. 205.

Page 2  
January 31, 1984

Thank you for your cooperation.

Sincerely,

Anthony Carapezza  
Prod/Fac Engr

AC:knh

Attachments

cc: G. Benham - Jal  
J. Guy - Hobbs  
C. Tellinghuisen - Hobbs  
Bob Hopkins - MIO 464  
R.E. Connor - MIO 462  
Aubrey Easley - MIO 453  
Phil Tomlinson - MIO 658

Minerals Management Service  
Lakewood Accounting Center  
Box 5810 F A  
Denver, Colorado 80217

ARCO Oil and Gas Company  
P. O. Box 1719  
Hobbs, New Mexico 88240

Gentlemen:

I concur/do not concur with ARCO's (Atlantic Richfield Company;  
ARCO Oil and Gas Company) proposed commingling by test on the  
following leases:

Duthie Andrews Federal Lease, LC 032726 (SW/4, SE/4, Sec. 18,  
T23S, R37E, Lea County, New Mexico)

Duthie Andrews WN Lease, LC 54453 (N/2, SE/4 & SE/4, SE/4,  
Sec. 18 & NE/4, Sec. 19, T23S, R37E, Lea County, New  
Mexico)

Signed,

\_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

(Must be owner(s) or designated representative of same)

O.G.N. 30025913813000 LEA COUNTY, IN

BASIC PROPERTY	OPERATOR	PROPERTY NAME
<u>06441032550000</u>	ARCO OIL AND GAS COMPANY	<u>BUTHE ANDREWS-WN-WELL #4</u>

OWNER NO.	INI. TYPE	PIT. STAT.	DECIMAL	TAX ID NAME & ADDRESS
T53012695814	RI	000 PAY	0.12500000	T53012695800 MINERALS MANAGEMENT SERVICE GAS ONLY LAKEWOOD ACCOUNTING CENTER BOX 5810 T A DENVER, CO 80217
XS8028714700	NPI	000 PAY	0.00500000	T83020662300 FEATHERSTONE FARMS LTD 1717 WEST SECOND STREET ROSWell, NM 88201
XS8038614900	NPI	000 PAY	0.00125000	S52538786500 JAMES C HAWLEY 7505 W YALE, #2203 DENVER, CO 80227
XS8038615000	NPI	000 PAY	0.00125000	S52538912400 FRANK E HAWLEY 21 GOLDENRIDGE CT SAN MATEO, CA 94402
XS8039103700	NPI	000 PAY	0.00250000	S55866759500 EUDORA HAWLEY HEILMAN 468 NORTH CAMBRIDGE AVE CLAREMONT CALIF 91711
X00012600100	NI	101 N-PAY	0.86500000	T23037161000 ATLANTIC RICHFIELD COMPANY P O BOX 356 DALLAS, TX

11/17/74 10:10: 5

PRODUCTION REPORT  
11-2-0

PAGE 2

75221

TOTAL OWNER DECIMAL IS 1.00000000

THIS INFORMATION IS FURNISHED AS A COURTESY BUT  
ARCO OIL AND GAS, A DIVISION OF ATLANTIC RICHEFIELD,  
MAKES NO WARRANTY AND ASSUMES NO LIABILITY FOR ITS USE.

01/17/84 10:10:47

1211 12-12-83 REPORT  
07:10

PAGE 1

D.O.N. 57025023173001 LEA COUNTY, NM

BASIC PROPERTY	OPERATOR	PROPERTY NAME
<u>0044532561000</u>	ARCO OIL AND GAS COMPANY	<u>OUTHTE ANDREWS FEDERAL #1</u>

OWNER NO.	INT. TYPE	INT. STAT.	DECIMAL	TAX ID NAME & ADDRESS
T53019695814	RI	000 PAY	0.12500000	T53019695800 MINERALS MANAGEMENT SERVICE <del>GAS ONLY</del> LAKEWOOD ACCOUNTING CENTER BOX 5810 T A DENVER, CO 80217
XS9059554000	NPI	02010 000 PAY	0.00500000	S42528605200 ESTELLE ANDREWS MEHLHOP P O BOX 218 DEXTER, NM 88210
X00012600100	WI	13010 101 N-PAY	0.86500000	T23037161000 ATLANTIC RICHFIELD COMPANY P O BOX 354 DALLAS, TX 75221
X00046304500	NPI	02010 000 PAY	0.00500000	S54512088600 HELEN HAYES 1848 DAISY AVE LONG BEACH, CA 90806
TOTAL OWNER DECIMAL IS				1.00000000

THIS INFORMATION IS FURNISHED AS A COURTESY BUT  
ARCO OIL AND GAS, A DIVISION OF ATLANTIC RICHFIELD,  
MAKES NO WARRANTY AND ASSUMES NO LIABILITY FOR ITS USE.



ARCO Oil and Gas Company  
Benton District - West Area  
P.O. Box 1710  
Benton, Arkansas 72019  
Telephone: 501 332 1551



February 7, 1984

RE: Commingling by Test on Langlie Federal Leases

Gentlemen:

Because of the marginal producing nature of the wells on the Langlie Federal leases, we would like to commingle the leases by test, rather than by the current procedure of metering them separately. The wells on the three leases belong to the same pool, and the leases are:

Justis Blinebry Pool (State of New Mexico Commingling Order  
R-1862, dated 2-3-61)

Langlie Federal Lease  
(N/2, SE/4, Sec 14, T25S, R37E, Lea County,  
New Mexico)

Langlie Federal "A" Lease  
(S/2, NE/4, Sec 14, T25S, R37E, Lea County,  
New Mexico)

Langlie Federal "B" Lease  
(N/2, NE/4, Sec 14, T25S, R37E, Lea County,  
New Mexico)

The wells on these leases are physically incapable of producing Top Unit Allowable (107 BOPD) for the Justis Blinebry Pool. Commingling by test is an accurate method of production determination. Also, it would enable us to more economically produce these marginal leases.

Attached is a production report for the last two months of 1983 for the leases. Also attached is a copy of the original commingling order

Page 2  
February 7, 1984

Please fill out the attached form as soon as possible. If you have any questions, please call me at Ext. 205.

Thank you for your cooperation.

Sincerely,

Anthony Carapezza  
Prod/Fac Engr

Attachments

AC:knh

cc: G. Benham - Jal  
J. Guy - Hobbs  
C. Tellinghuisen - Hobbs  
Bob Hopkins - MIO 464  
R.E. Connor - MIO 462  
Aubrey Easley - MIO 453  
Phil Thomlinson - MIO 658

PRODUCTION DATA \*

JUSTIS BLINEBRY POOL (Top Unit Allowable: 107 BOPD)

<u>Lease &amp; Lease #</u>	<u>Period Mon &amp; Yr</u>	<u>Well #</u>	<u>Producing Days</u>	<u>Monthly Total Bbls Oil</u>	<u>Daily Avg. BOPD</u>
Langlie Federal LC 060943	Nov. 1983	1	30	300	10.0
		2	30	<u>343</u>	<u>11.4</u>
	Dec. 1983	1	31	643	<u>21.4</u>
		2	31	<u>260</u> <u>372</u> <u>632</u>	<u>8.4</u> <u>12.0</u> <u>20.4</u>
Langlie Federal "A" LC 060944	Nov. 1983	1	30	270	8.7
		2	30	<u>305</u>	<u>10.2</u>
	Dec. 1983	1	31	<u>575</u>	<u>18.9</u>
		2	31	239 <u>294</u> <u>533</u>	7.7 <u>9.5</u> <u>17.2</u>
Langlie Federal "B" LC 060941	Nov. 1983	1	30	93	3.1
	Dec. 1983	1	31	101	3.2
BATTERY TOTALS					
	Nov. 1983	5	150	1311	43.4
	Dec. 1983	5	155	1266	40.8

\*Taken from State Operator's Monthly Report, Form C-115

ARCO Oil and Gas Company  
P.O. Box 1710  
Hobbs, New Mexico 88240

Gentlemen:

I concur/do not concur with ARCO's (Atlantic Richfield Company;  
ARCO Oil and Gas Company) proposed commingling by test on the  
following leases:

Langlie Federal Lease, LC 060943 (N/2, SE/4, Sec 14,  
T25S, R37E, Lea County, New Mexico)

Langlie Federal "A" Lease, LC 060944 (S/2, NE/4, Sec 14,  
T25S, R37E, Lea County, New Mexico)

Langlie Federal "B" Lease, LC 060941 (N/2, NE/4, Sec 14,  
T25S, R37E, Lea County, New Mexico)

Signed,

\_\_\_\_\_  
Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
Title: \_\_\_\_\_ Date: \_\_\_\_\_

(Must be owner(s) or designated representative of same)

LIST OF OWNERS FOR LANGLIE FEDERAL LEASES

Minerals Management Service  
Lakewood Accounting Center  
Box 5810 T A  
Denver, Colorado 80217

Margaret W. Aurand  
1350 Bellaire Street  
Denver, Colorado 80220

Miriam B. Johnson  
660 So. Alton Way, Apt. 9 D  
Denver, Colorado 80231

Alice N. Robertson  
1150 South Payne Avenue  
Casper, Wyoming 82601

William E. Thomas II  
4500 Montview Blvd.  
Denver, Colorado 80207

Amoco Production Company  
P. O. Box 84573  
Dallas, Texas 75284

LIST OF OWNERS FOR DUTHIE ANDREWS LEASES

Atlantic Richfield Company  
P.O. Box 354  
Dallas, Texas 75221

Minerals Management Service  
Gas Only  
Lakewood Accounting Center  
Box 5810 T A  
Denver Colorado 80217

Featherstone Farms, LTD.  
1717 West Second Street  
Roswell, New Mexico 88201

James C. Hawley  
7505 W. Yale, #2203  
Denver, Colorado 80227

Frank E. Hawley  
21 Goldenridge Court  
San Mateo, California 94402

Eudora Hawley Heilman  
468 North Cambridge Avenue  
Claremont, California 91711

Estelle Andrews Mehlhop  
P.O. Box 218  
Dexter, New Mexico 88210


Helen Hayes  
1848 Daisy Avenue  
Long Beach, California 90806

Frank E. Hawley  
21 Goldenridge Ct.  
San Mateo, California  
94402

2-13-84

ARCO Oil and Gas Company  
P. O. Box 1710  
Hobbs, New Mexico 88240

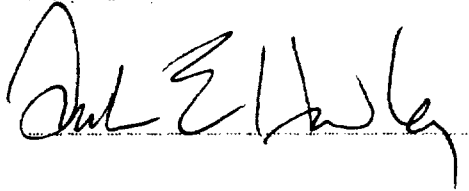
Gentlemen:

  
I concur/~~do not concur~~ with ARCO's (Atlantic Richfield Company;  
ARCO Oil and Gas Company) proposed commingling by test on the  
following leases:

Duthie Andrews Federal Lease, LC 032726 (SW/4, SE/4, Sec. 18,  
T23S, R37E, Lea County, New Mexico)

Duthie Andrews WN Lease, LC 54453 (N/2, SE/4 & SE/4, SE/4,  
Sec. 18 & NE/4, Sec. 19, T23S, R37E, Lea County, New  
Mexico)

Signed,



Title:

owner

Date:

2-13-84

Title:

Date:

Title:

Date:

(Must be owner(s) or designated representative of same)

Eudora Hawley Heilman  
458 North Cambridge Avenue  
Claremont, California  
91711

ARCO Oil and Gas Company  
P. O. Box 1710  
Hobbs, New Mexico 88240

Gentlemen:

I concur/do not concur with ARCO's (Atlantic Richfield Company;  
ARCO Oil and Gas Company) proposed commingling by test on the  
following leases:

Duthie Andrews Federal Lease, LC 032726 (SW/4, SE/4, Sec. 18,  
T23S, R37E, Lea County, New Mexico)

Duthie Andrews WH Lease, LC 54453 (N/2, SE/4 & SE/4, SE/4,  
Sec. 18 & NE/4, Sec. 19, T23S, R37E, Lea County, New  
Mexico)

Signed,

Eudora Hawley Heilman Title: Owner Date: Feb 20, 1984

I Concur Title: Owner Date: 3-5-84

\_\_\_\_\_  
Title: \_\_\_\_\_ Date: \_\_\_\_\_

(Must be owner(s) or designated representative of same)



Estelle Andrews Mehltrop  
P. O. Box 219  
Dexter, New Mexico  
88210

ARCO Oil and Gas Company  
P. O. Box 1710  
Hobbs, New Mexico 88240

Gentlemen:

I concur/~~do not concur~~ with ARCO's (Atlantic Richfield Company;  
ARCO Oil and Gas Company) proposed commingling by test on the  
following leases:

Duthie Andrews Federal Lease, LC 932726 (SW/4, SE/4, Sec. 18,  
T23S, R37E, Lea County, New Mexico)

Duthie Andrews UN Lease, LC 54453 (N/2, SE/4 & SE/4, SE/4,  
Sec. 18 & NE/4, Sec. 19, T23S, R37E, Lea County, New  
Mexico)

Signed,

*Estelle Andrews Mehltrop* *Royal Owner* Date: *Feb 14, 84*

\_\_\_\_\_  
Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_  
Title: \_\_\_\_\_ Date: \_\_\_\_\_

(Must be owner(s) or designated representative of same)

Featherstone Farms LTD  
1717 West Second Street  
Roswell, New Mexico  
88201

ARCO Oil and Gas Company  
P. O. Box 1710  
Hobbs, New Mexico 88240

Gentlemen:

I concur/~~do not concur~~ with ARCO's (Atlantic Richfield Company;  
ARCO Oil and Gas Company) proposed commingling by test on the  
following leases:

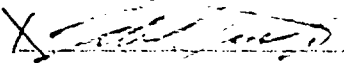
Duthie Andrews Federal Lease, LC 032726 (SW/4, SE/4, Sec. 18,  
T23S, R37E, Lea County, New Mexico)

Duthie Andrews WR Lease, LC 54453 (N/2, SE/4 & SE/4, SE/4,  
Sec. 18 & NE/4, Sec. 19, T23S, R37E, Lea County, New  
Mexico)

Signed,

By: Glen E. Featherstone II

Managing Partner

X  Title: \_\_\_\_\_ Date: 2-28-84

\_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

(Must be owner(s) or designated representative of same)

HOBBS OFFICE

MAR 14 1984

DATE REC'D.

James C. Hawley  
1505 W. Yale, #2293  
Denver, Colorado  
80227

ARCO Oil and Gas Company  
P. O. Box 1710  
Hobbs, New Mexico 88240

Gentlemen:

I concur/do not concur with ARCO's (Atlantic Richfield Company,  
ARCO Oil and Gas Company) proposed commingling by test on the  
following leases:

Dulcie Andrews Federal Lease, LC 032726 (SW/4, SE/4, Sec. 19,  
T23S, R37E, Lea County, New Mexico)

Dulcie Andrews WR Lease, LC 54453 (N/2, SE/4 & SW/4, SE/4,  
Sec. 18 & NE/4, Sec. 19, T23S, R37E, Lea County, New  
Mexico)

Signed,

James C. Hawley Title: \_\_\_\_\_ Date: 2-13-84

\_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

(Must be owner(s) or designated representative of same)

HOBBS OFFICE

MAR 16 1984

DATE REC'D.

Helen Hayes  
1848 Daisy Avenue  
Long Beach, California 90806

ARCO Oil and Gas Company  
P. O. Box 1710  
Hobbs, New Mexico 88240

Gentlemen:

I concur do not concur with ARCO's (Atlantic Richfield Company;  
ARCO Oil and Gas Company) proposed commingling by test on the  
following leases:

Duthie Andrews Federal Lease, LC 032726 (SW/4, SE/4, Sec. 18,  
T23S, R37E, Lea County, New Mexico)

Duthie Andrews WN Lease, LC 54453 (N/2, SE/4 & SE/4, SE/4  
Sec. 18 & NE/4, Sec. 19, T23S, R37E, Lea County, New Mexico)

Signed,

Helen Hayes Title: Same Date: 8/24/84

HOBBS OFFICE

AUG 30 1984

DATE REC'D.