



**Amoco Production Company**

Houston Region  
500 Jefferson Building  
Post Office Box 3092  
Houston, Texas 77001

J. R. Barnett  
Regional Engineering  
Manager

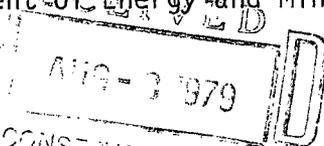
July 31, 1979

File: JCA-986.51NM-3902

Re: Application for Non-Standard Proration Unit  
W/2 NW/4 Section 9-T-24-S, R-37-E  
Fowler Hair No. 3  
Jalmat Tansil Yates Seven Rivers Gas Pool  
990' FNL and 660' FWL  
Lea County, NM

*Waiver*

Oil Conservation Division of the  
New Mexico Department of Energy and Minerals  
P. O. Box 2088  
Santa Fe, NM 87501



Gentlemen:

Arco Oil & Gas Company requests administrative approval of a new 80 acre non-standard proration unit comprised of the W/2 NW/4 of Section 9: Township 24 South, Range 37 East, Lea County, New Mexico. The proration unit is to be dedicated to Jalmat gas development well no. 3 to be drilled 990' FNL and 660' FWL of Section 9 as a replacement for well no. 2.

As an offset operator, Amoco Production Company has no objections to this non-standard proration unit and hereby waive notice.

Yours very truly,

*J. R. Barnett*  
*mlc*

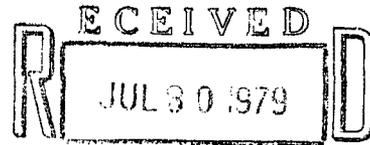
MLC/rw

cc: Arco Oil & Gas Company  
P. O. Box 1610  
Midland, TX 79702

ARCO Oil and Gas Company  
Permian District  
Post Office Box 1610  
Midland, Texas 79702  
Telephone 915 684 0100



July 17, 1979



Offset Operators  
Proposed Fowler Hair No. 3  
Lea County, New Mexico

OIL CONSERVATION DIVISION  
SANTA FE

RE: Application for Non-standard Proration Unit  
W/2 NW/4 Section 9-T-24-S, R-37-E

Gentlemen:

Attached is a copy of our application filed with the Oil Conservation Division of the New Mexico Department of Energy and Minerals for approval of a non-standard proration unit for the subject well to be located 990' FNL and 660' FWL of Section 9. In an effort to expedite Division approval we ask that as an offset operator you will give your consent to the formation of this non-standard proration unit.

Enclosed are two copies of this letter along with stamped, addressed envelopes. Please note your approval below and send one copy to the Oil Conservation Division and return one copy to us.

Thank you for your time and consideration in this matter.

Very truly yours,

*Michael Griffin*

Michael Griffin  
Petroleum Engineer

MG:ad

Approve formation of non-standard proration unit;  
W/2 NW/4 Sec 9-T24S-R37E, Lea County, New Mexico:

*John Yuronka*  
SIGNED

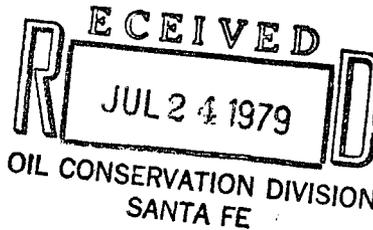
7-25-79  
DATE

John Yuronka  
COMPANY



ARCO Oil and Gas Company  
Permian District  
Post Office Box 1610  
Midland, Texas 79702  
Telephone 915 684 0100

July 17, 1979



*NSP-1144  
Rule 5(C)3 R1620  
Aug 23, 1979*

Oil Conservation Division of the  
New Mexico Department of Energy & Minerals  
P. O. Box 2088  
Santa Fe, New Mexico 87501

RE: Fowler Hair No. 3  
Non-Standard Proration Unit  
Jalmat Tansil Yates Seven Rivers Gas Pool  
990' FNL and 660' FWL  
Section 9-T24S-R37E  
Lea County, New Mexico

Gentlemen:

ARCO Oil & Gas Company, a Division of the Atlantic Richfield Company, respectfully requests Administrative approval of a new 80 acre non-standard proration unit comprised of the W/2 NW/4 of Section 9: Township 24 South, Range 37 East, Lea County, New Mexico. Said proration unit to be dedicated to a Jalmat gas development well to be drilled 990' FNL & 660' FWL of Section 9.

The proposed Fowler Hair No. 3 well will be drilled as a replacement well for the Fowler Hair #2 which was included in the Myers Langlie Mattix Unit Waterflood (Getty Oil Company - Operator) and was converted to injection service during April, 1977. The Fowler Hair #2 was renamed as the Myers Langlie Mattix Unit Well No. 218. Prior to inclusion in the Unit, our records show that the No. 2 well had been designated a Langmat (Jalmat) gas well on an 80 acre non-standard proration unit effective December 29, 1953.

The proposed No. 3 well will be drilled to an approximate depth of 3500' with an anticipated completion interval of 2850-3200'. In recovering proven Jalmat gas reserves, ARCO Oil & Gas Company believes that this application will be in the interest of conservation, prevention of waste and the protection of correlative rights.

July 17, 1979  
Page 2

In support of our application for administrative approval for this non-standard proration unit, we have attached a copy of Form C-102, Well Location and Acreage Dedication plat and a land plat indicating the proposed well location and the offsetting Jalmat gas wells. Additionally, all offset operators have been sent a copy of this application by certified mail and have been asked to forward their waivers directly to the Oil Conservation Division.

Very truly yours,

*Michael Griffin*

Michael Griffin  
Petroleum Engineer

MG:ad

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

**RECEIVED**  
JUL 24 1979  
OIL CONSERVATION DIVISION  
SANTA FE #3

All distances must be from the outer boundaries of the Section

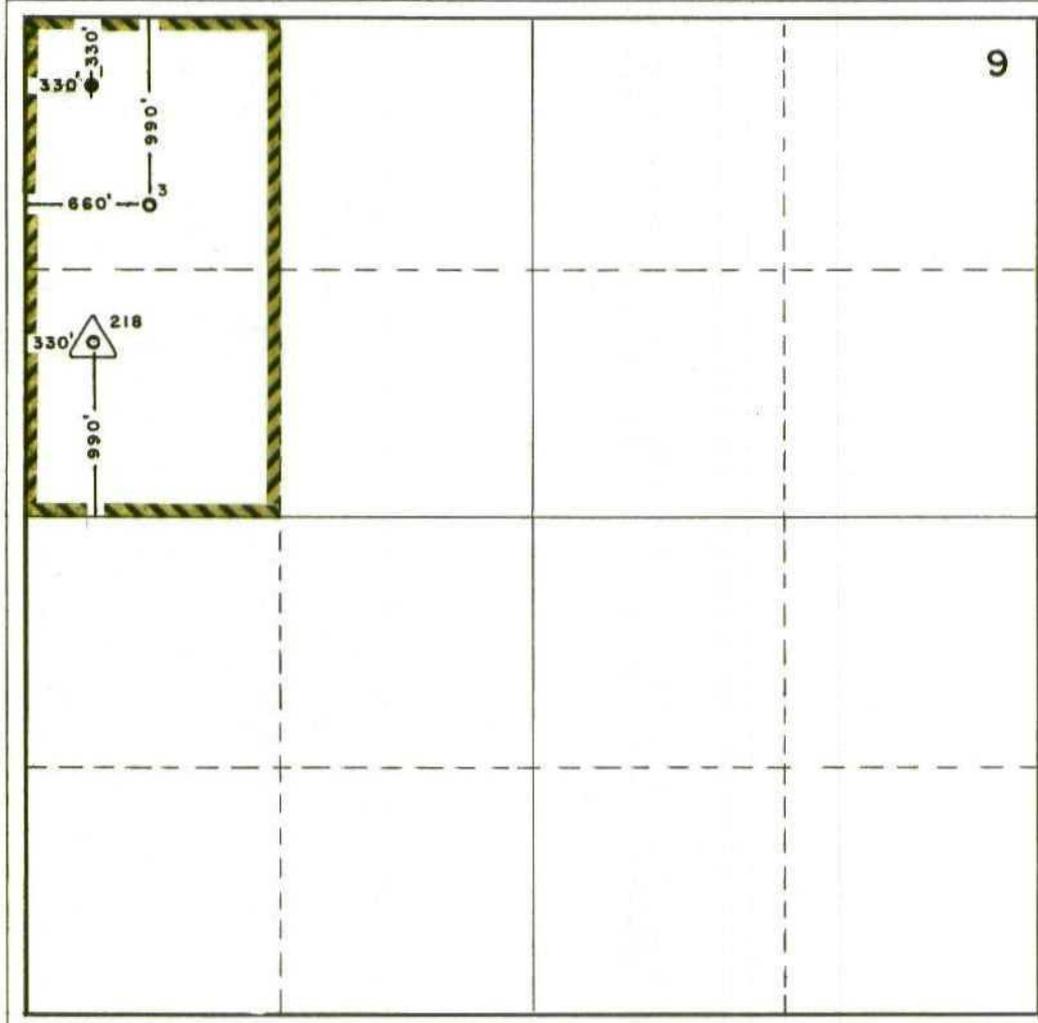
Operator <b>ARCO Oil &amp; Gas Company</b>			Lease <b>Fowler Hair</b>		
Unit Letter <b>D</b>	Section <b>9</b>	Township <b>24S</b>	Range <b>37E</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>FNL</b> line and <b>660</b> feet from the <b>West</b> line					
Ground Level Elev.	Producing Formation <b>Yates-7 Rivers</b>		Pool <b>Jalmat</b>	Dedicated Acreage: <b>80</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes  No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Name  
**Petroleum Engineer**

Position  
**ARCO Oil & Gas Company**

Company  
**May**

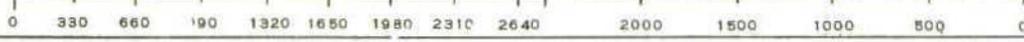
Date

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



R-37-E

MYERS LANGLEIE MATTIX UNIT

Carter Fdn. A.R.Co. NM-896 1/4 int.  
 Hunt A.R.Co. NM-896 1/4 int.  
 (excluded from Unit)  
 Mattix U.S. Min. Fowler Hair

Cont'l - Emsco 195  
 A.R.Co. S-NM-107 WK. Byrom  
 A.R.Co. S-NM-107 221  
 Prop. Loc. Fowler Hair  
 Clark et al 219 (ARCo)  
 Imp. Roy. Carter  
 A.R.Co. AR-53363 1/4 of 8/8 to 3650' F.l. bel. Meyers'

Gulf Trinity Drlg. 192  
 A.R.Co. et al NM-101 1/4 int.  
 Carr  
 U.S. Mattix

Tex Pacific 201  
 A.R.Co. NM-1122 ORR to Qn. 1/4 int. bel.  
 Jack-Fed.  
 Cont'l 234  
 Gulf Hair  
 Amerada 232  
 A.R.Co.

A.R.Co. NM-1122 1/4 int.  
 Reserve 086  
 Citiles Service  
 JALMAT  
 U.S. L. Thomas.

Skelly  
 Exxon  
 Amoco  
 Gulf 3-D  
 Cont'l.  
 State

SD. MATTIX UNIT  
 A.R.Co. NM-1122 1/4 int.  
 U.S.

A.R.Co. S-NM-5009 King Est. & Warren  
 A.R.Co. S-NM-5009 "WN"  
 Water Oil A.R.Co. AR-56082 6% Oil 9% Gas  
 H.H. Harrison

Amoco 25  
 Texaco  
 A.R.Co. S-NM-16  
 A.R.Co. S-NM-16 10,800'  
 Amoco  
 Amoco  
 Buckles & Hart  
 Jam. 500  
 G.L. Buckles  
 J.J. Smith  
 Skelly  
 Shell  
 J.J. Smith  
 Cont'l A.R.Co. NM-4170  
 Shell  
 El Paso  
 J.F. Black

ARCO Oil and Gas Company  
 Permian District Midland, Texas  
 JALMAT GAS POOL  
 LEA COUNTY, NEW MEXICO  
 PROPOSED FOWLER HAIR NO. 3  
 990' FNL & 660' FWL, SEC. 9, T-24-S, R-37-E  
 JALMAT GAS WELLS  
 SCALE 1" = 2000'

By MIKE GRIFFIN	Drawn By CDM	Date 4-79
Date	Revised By	Date
Dept WEST ENG.	Dwg No	

Fowler Hair #3  
Sec 9-T24S-R37E  
Lea County, New Mexico

OFFSET OPERATORS

Amerada Hess  
1209 S. Main  
Lovington, New Mexico 88260

Amoco Production Company  
Drawer A  
Levelland, Texas 79336

Getty Oil Company  
P. O. Box 1231  
Midland, Texas 79702

John Yuronka  
102 Petroleum Building  
Midland, Texas 79701