

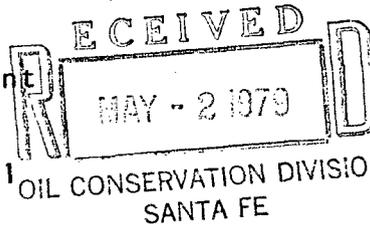
ARCO Oil and Gas Company  
Permian District  
Post Office Box 1610  
Midland, Texas 79702  
Telephone 915 684 0100

April 26, 1979

*Amended NSL  
999- O/K for  
immediate approval  
reference same  
authority*



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



Attn: Mr. Joe D. Ramey

RE: Request for a change in Administrative Order NSL-999, dated December 12, 1978, and amended January 16, 1979. Non-standard drilling locations within the project area of ARCO-Empire Abo Unit Eddy County, New Mexico

Gentlemen:

ARCO Oil and Gas Company, Division of Atlantic Richfield, operator of the Empire Abo Unit Pressure Maintenance Project, acting on behalf of itself and other working interest owners, requests the following changes in Administrative Order NSL-999 dated December 12, 1978 and amended January 16, 1979.

- a) Unit Well L-192 located 1120' FSL & 1440' FEL Section 1, T18S, R27E is deleted.
- b) Unit Well E-394 located 1000' FNL & 1600' FEL Section 35, T17S, R28E is deleted.
- c) Unit Well F-336 is added at a location 2000' FNL & 1000' FWL Section 34, T17S, R28E.
- d) Unit Well F-364 is added at a location 1550' FNL & 750' FEL Section 34, T17S, R28E.

The above changes meet all requirements of Order R-4549-B, Rule 14, said wells being located "no closer than 660 feet to the outer boundary of said unit, nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary."

The proposed drilling of these wells is necessary in order to complete a more efficient producing pattern

Page 2  
April 24, 1979  
Energy & Minerals Department

to conserve reservoir energy, promote the greatest  
ultimate recovery of unit reserves, prevent waste;  
and protect correlative rights.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J L Tweed".

J. L. Tweed

IJN/ad

cc: Mr. Bill Gressett  
Energy & Minerals Dept.  
Oil Conservation Division  
Artesia, New Mexico

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



April 26, 1979

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

Attn: Mr. Joe Ramey

RE: Notification of offset operators  
to proposed change in the non-  
standard drilling locations within  
the project area of the  
ARCO-Empire Abo Unit  
Eddy County, New Mexico

Gentlemen:

ARCO Oil & Gas Company, Division of Atlantic Richfield Company, operator of the Empire Abo Unit Pressure Maintenance project, in accordance with Order No. R-4549-B, Rule 14(3), under "Special Rules and Regulations for the Empire Abo Pressure Maintenance Project," has notified all offset operators of the proposed change in the non-standard locations with a complete application.

Attached is a list of the offset operators and the date they were notified.

Very truly yours,

A handwritten signature in cursive script that reads "J. L. Tweed".

J. L. Tweed

IJN:ad

cc: Mr. Bill Gressett  
Energy & Minerals Dept.  
Oil Conservation Division  
Artesia, New Mexico

ALL OFFSET OPERATORS  
to the  
PROPOSED NON-STANDARD DRILLING LOCATIONS  
WITHIN THE PROJECT AREA OF THE ARCO-EMPIRE  
ABO UNIT PRESSURE MAINTENANCE PROJECT

All the following offset operators were notified  
by mail April 26, 1979.

DEPCO, Inc.  
800 Central  
Odessa, Texas 79761

C. E. LaRue &  
B. N. Muncy, Jr.  
P. O. Box 196  
Artesia, New Mexico 88210

C. O. Fulton  
P. O. Box 1121  
Artesia, New Mexico 88210

Herman Ledbetter  
874 Amarillo  
Abilene, Texas 79602

J. B. Adamson  
P. O. Box 727  
Artesia, New Mexico 88210

American Petrofina Co of Texas  
P. O. Box 1311  
Big Spring, Texas

Brunhan and Company  
P. O. Box 257  
Artesia, New Mexico 88210

Franklin, Aston, and Fair, Inc.  
P. O. Box 1090  
Roswell, New Mexico 88201

Kincaid & Watson Drlg Company  
P. O. Box 498  
Artesia, New Mexico 88210

William E. Jeffers  
P. O. Box 65  
Artesia, New Mexico 88210

B & D Oil Company  
P. O. Box 804  
Hobbs, New Mexico

Yates Drilling Company  
Artesia, New Mexico 88210

Marbob Energy Corporation  
Artesia, New Mexico 88210

Aminoil USA - Inc.  
600 Western United Life Bldg  
Midland, Texas 79701

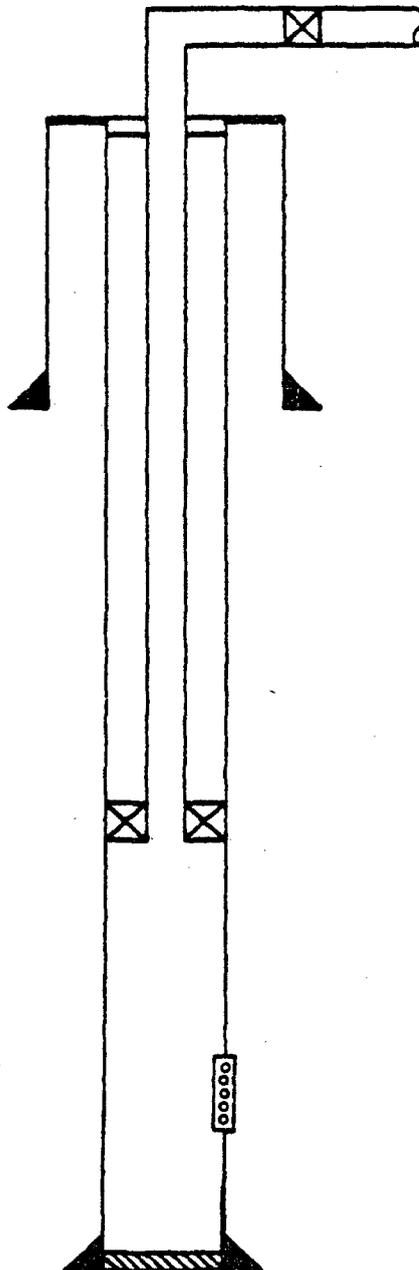
PROPOSED PRODUCING WELL DIAGRAM

ARCO OIL & GAS CO.

Empire Abo Unit Well F-364  
1550' FNL & 750' FEL, Section 34, T17S, R28E  
Eddy County, New Mexico

8-5/8" casing  
set @ 750'  
(cmt. circ.)

5-1/2" casing  
set @  
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.  
5850'

Proposed perforations  
5900-6300'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

ARCO OIL & GAS CO.

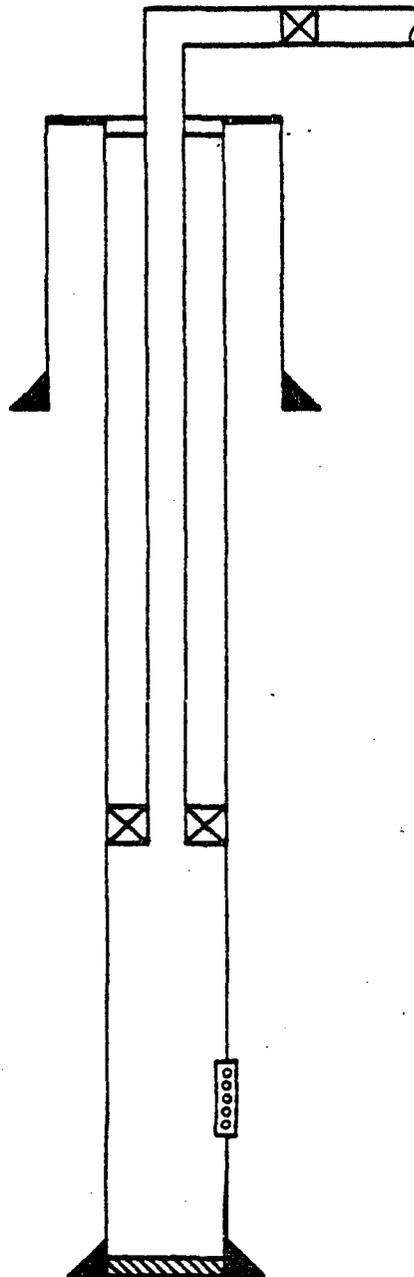
Empire Abo Unit Well F-336

2000' FNL & 1000' FWL, Section 34, T17S, R28E

Eddy County, New Mexico

8-5/8" casing  
set @ 750'  
(cmt. circ.)

5-1/2" casing  
set @ 6350'  
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.  
5750'

Proposed perforations  
5800-6300'

TD @ 6350'

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

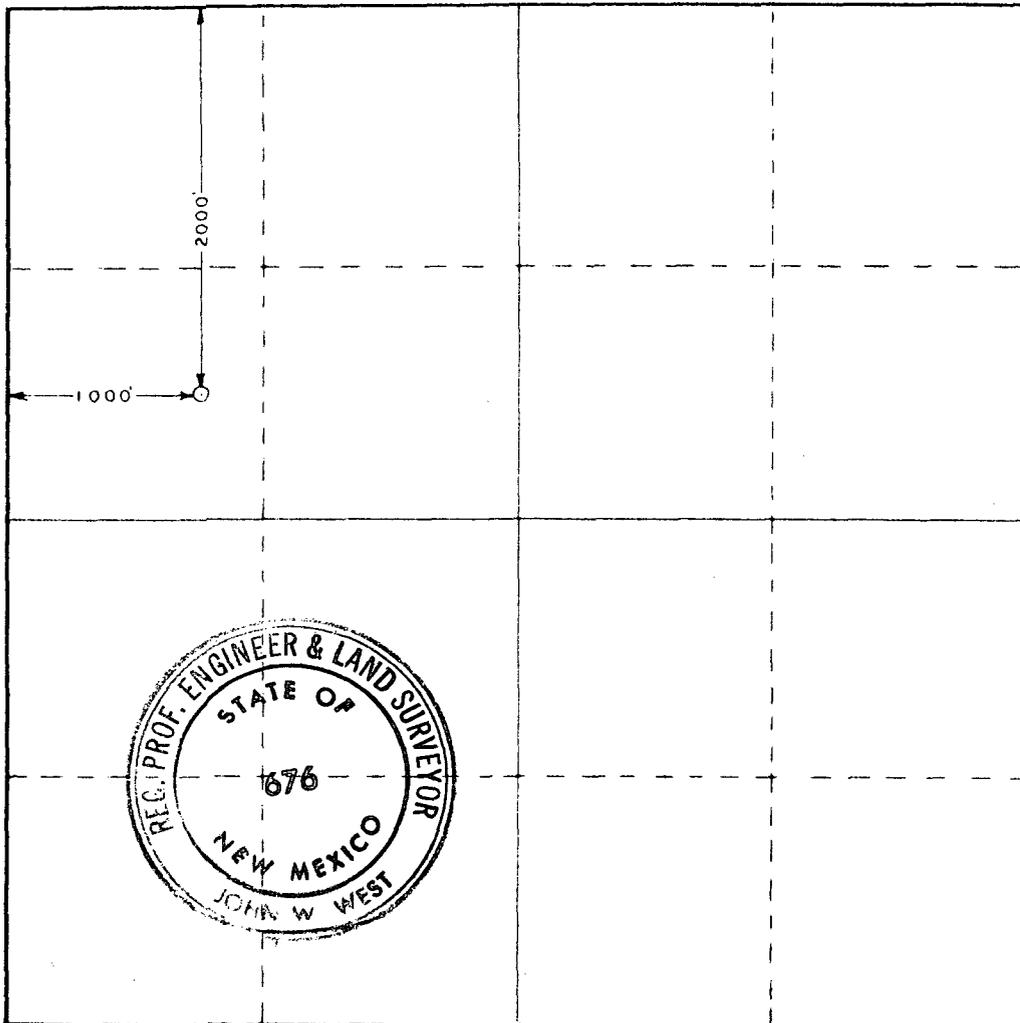
Operator <b>ARCO Oil &amp; Gas Co.</b>		Lease <b>Empire Abo Unit "F"</b>		Well No. <b>336</b>
Tract Letter <b>E</b>	Section <b>34</b>	Township <b>13 South</b>	Range <b>28 East</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>2000</b> feet from the <b>North</b> line and <b>1000</b> feet from the <b>West</b> line				
Ground Level Elev. <b>3668.1</b>	Producing Formation	Pool	Dedicated Acreage:  Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Unitization

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.

*I. J. Natour*

Name  
**I. J. Natour**

Position  
**Operation's Engineer**

Company  
**ARCO OIL & GAS**

Date  
**4/30/79**

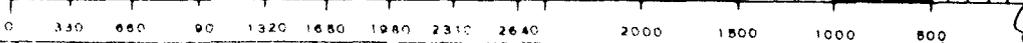
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**April 20, 1979**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **John W. West 676**  
**Ronald J. Eidsen 3239**



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

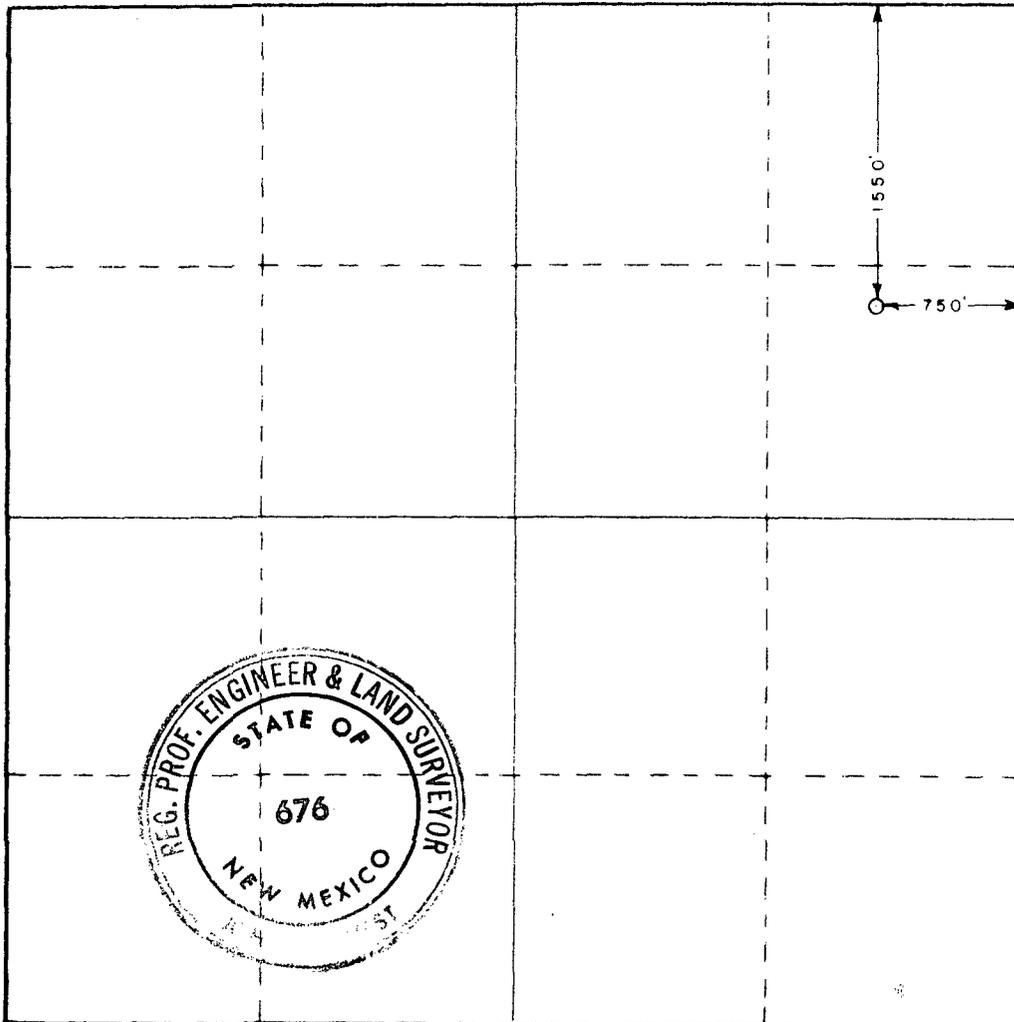
Operator <b>ARCO Oil &amp; Gas Co.</b>		Lease <b>Empire Abo Unit "F"</b>			Well No. <b>364</b>
Unit Letter <b>H</b>	Section <b>34</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1550</b> feet from the <b>North</b> line and <b>750</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3675.6</b>	Producing Formation		Pool	Dedicated Acreage  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 Unitization

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.

*I. J. Natour*  
Name

**I. J. Natour**  
Position

**Operation's Engineer**

Company  
**ARCO OIL & GAS**

Date  
**4/30/79**

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  
**April 20, 1979**

Registered Professional Engineer and/or Land Surveyor

*John W. West*  
Certificate No.

**John W. West 676**  
**Ronald J. Eidson 3239**

