

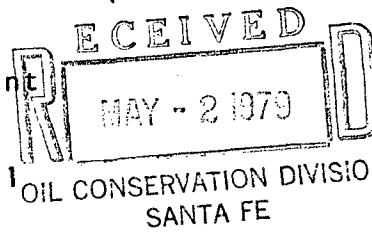
ARCO Oil and Gas Company
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0100

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,

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

ARCO OIL & GAS CO.

Eddy County, New Mexico



PROPOSED PRODUCING WELL DIAGRAM

ARCO OIL & GAS CO.

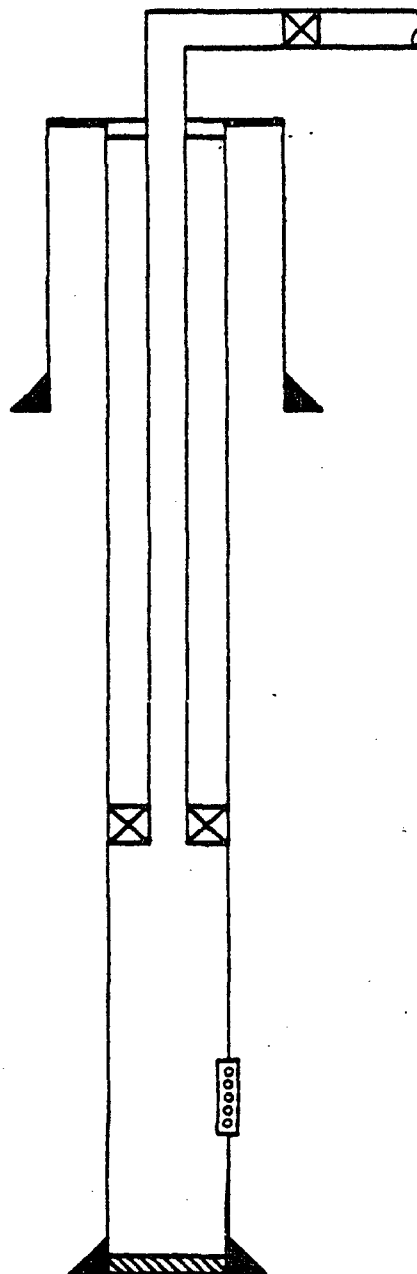
Empire Abo Unit Well F-336

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

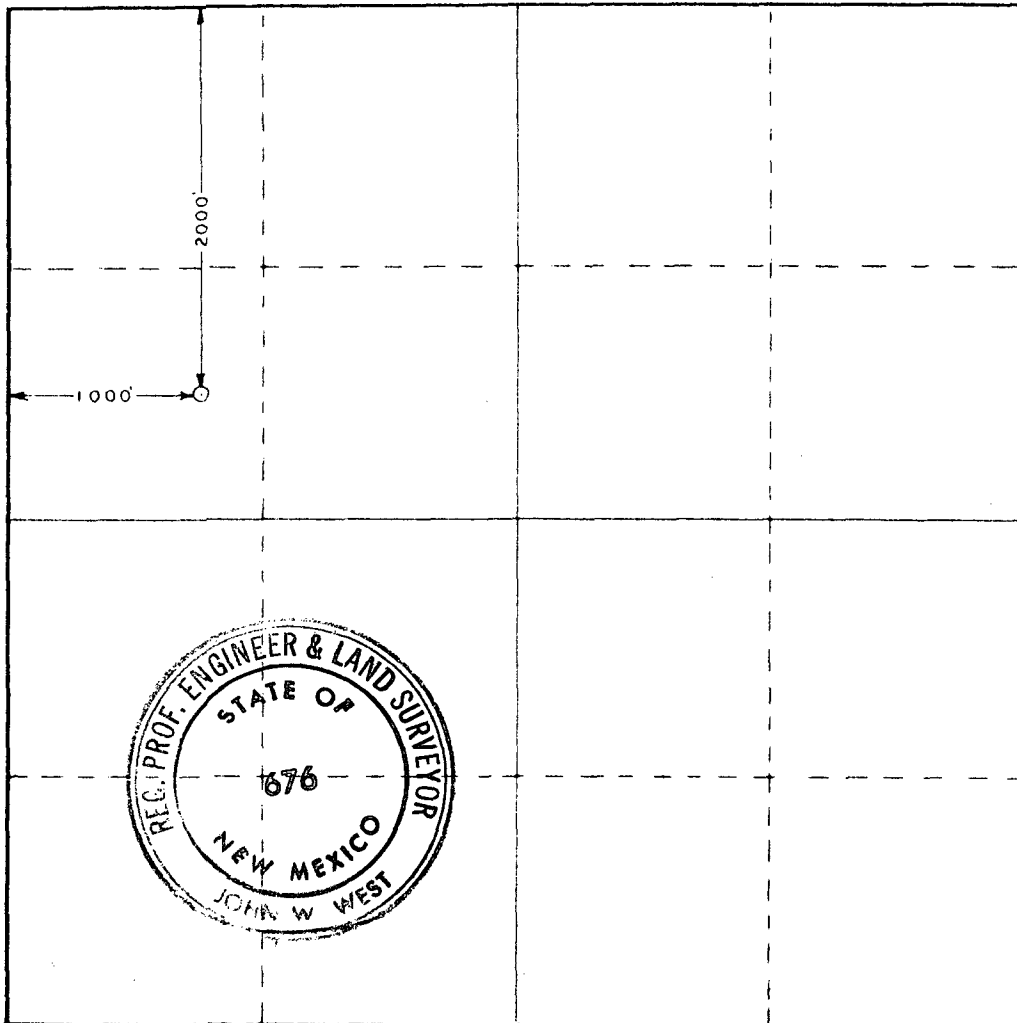
Operator ARCO Oil & Gas Co.			Lease Empire Abo Unit "F"		Well No. 336
Unit Letter E	Section 34	Township 13 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 2000 feet from the North line and 1000 feet from the West line					
Ground Level Elev. 3668.1	Producing Formation		Pool	Dedicated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

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

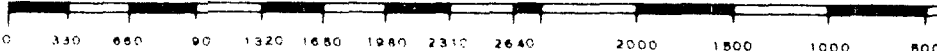
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

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



**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

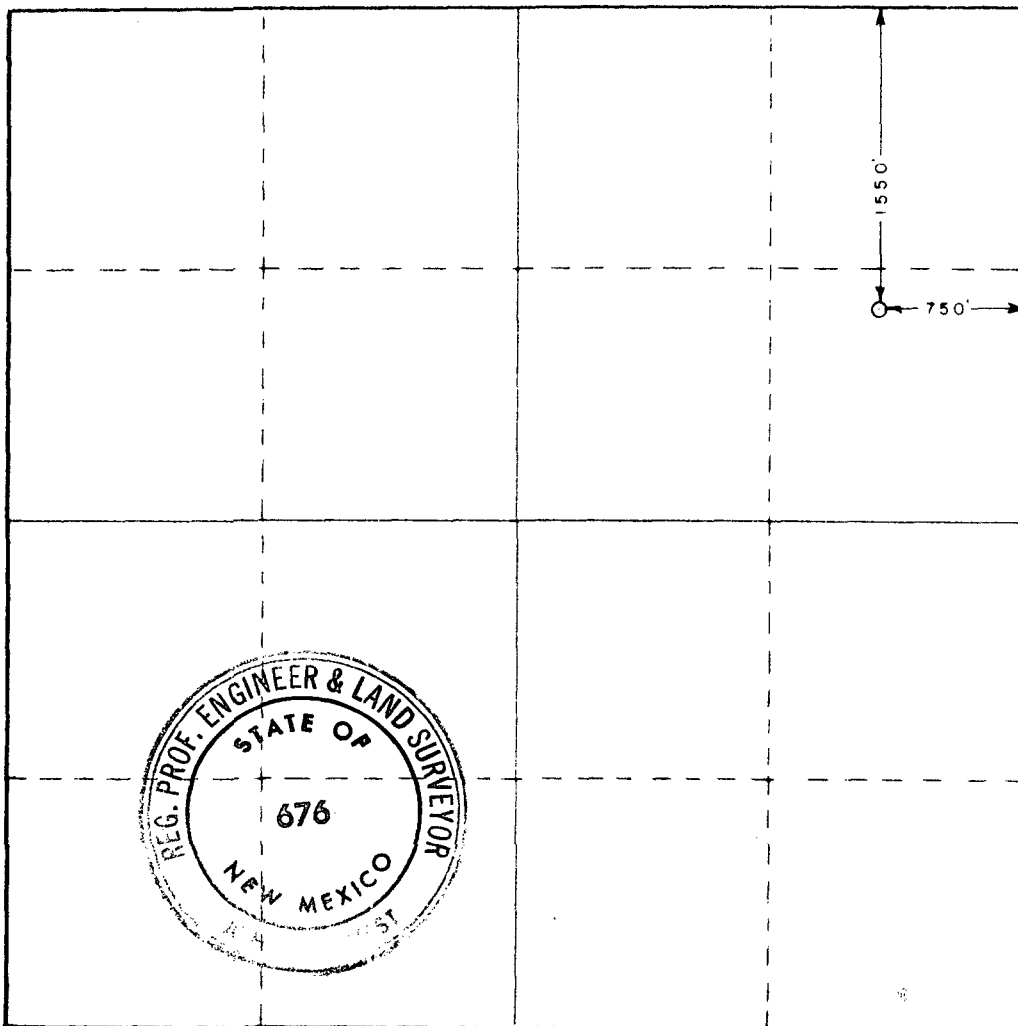
Operator ARCO Oil & Gas Co.			Lease Empire Abo Unit "F"		Well No. 364
Unit Letter H	Section 34	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1550 feet from the North line and 750 feet from the East line </div>					
Ground Level Elev. 3675.6	Producing Formation		Pool		Dedicated Acreage Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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

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

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600