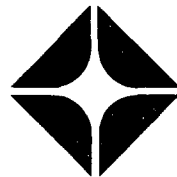


North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631

~~RECEIVED~~

March 1, 1978

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

Attn: Mr. Joe Ramey

Re: Request for a change in Administrative Order NSL-915
Non-Standard Drilling Locations within the Project
Area of ARCO-Empire Abo Unit, Eddy County, New Mexico

NSL 915
Amended
Rule 14 Order
R 45-49 as
amended
No offset
immediate
approval

Gentlemen:

Atlantic Richfield Company, as operator of the Empire Abo Unit Pressure Maintenance Project, acting on behalf of itself and other working interest owners, requests a change in administrative order NSL-915, dated January 16, 1978, inasmuch as the locations of two proposed producing wells, namely Unit well K-184 and Unit well G-343, have been moved to new non-standard locations.

The new proposed locations are as follows:

Unit well K-184 2290' FSL & 2445' FWL, Section 1, T-18S, R-27E

Unit well G-343 1330' FSL & 1970' FWL, Section 34, T-17S, R-28E

The above two new locations 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 to conserve reservoir energy, promote the greatest ultimate recovery of Unit reserves, prevent waste, and protect correlative rights.

Very truly yours,

J. L. Tweed

IJN/agp

cc: Mr. Bill Gressett
New Mexico Oil Conservation Commission
Artesia, New Mexico

locations set out in
NSL 915 dated
1-16-78 are
hereby superseded



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

LAND COMMISSIONER
PHIL R. LUCERO



STATE GEOLOGIST
EMERY C. ARNOLD

DIRECTOR
JOE D. RAMEY

January 16, 1978

Atlantic Richfield Company
P. O. Box 1610
Midland, Texas 79701

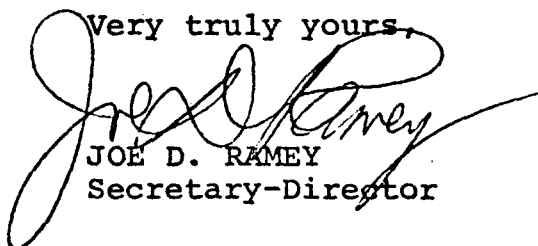
Administrative Order NSL-915

Gentlemen:

The Secretary-Director hereby approves the non-standard location for 25 Atlantic Richfield Company Empire Abo Unit Wells, Empire Abo Pool, Eddy County, New Mexico, as shown on Exhibit 1 of their application dated 12-29-1977 and attached hereto.

These producing wells are approved under the provisions of Rule 14 of Order No. R-4549 as amended, in order to permit the operator to complete a more efficient production pattern within said unit in said pool.

Very truly yours,


JOE D. RAMEY
Secretary-Director

JDR/RLS/jr

cc: Oil & Gas Engineering Committee - Hobbs
Oil Conservation Commission - Artesia

AtlanticRichfieldCompany

North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631



March 1, 1978

New Mexico Oil Conservation Commission
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:

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/agp

cc: Mr. Bill Gressett
New Mexico Oil Conservation Commission
Artesia, New Mexico

EXHIBIT 1

ATLANTIC RICHFIELD COMPANY
EMPIRE ABO UNIT
PROPOSED NON-STANDARD LOCATIONS
Eddy County, New Mexico

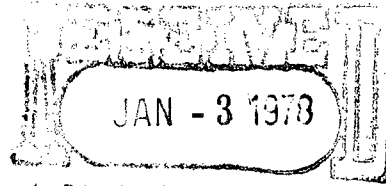
PHASE IV

WELL NAME & NUMBER	LOCATION	G. L. ELEVATION
Empire Abo Unit		
E-373	150' FNL & 15' FWL Section 35 T-17S R-28E	3670.4' ✓
E-361	620' FNL & 1200' FEL Section 34 T-17S R-28E	3671.6' ✓
E-351	610' FNL & 2601' FEL Section 34 T-17S R-28E	3673.9' ✓
E-341	660' FNL & 1560' FWL Section 34 T-17S R-28E	3675.7' ✓
F-321	1610' FNL & 250' FEL Section 33 T-17S R-28E	3674.3' ✓
G-322	2350' FSL & 1100' FEL Section 33 T-17S R-28E	3665.6' ✓
I-272	1300' FNL & 2345' FEL Section 5 T-18S R-28E	3651.9' ✓
K-231	1700' FSL & 2350' FEL Section 6 T-18S R-28E	3649.3' ✓
M-152	560' FNL & 2588' FEL Section 11 T-18S R-27E	3589.8' ✓
M-131	1100' FNL & 1200' FWL Section 11 T-18S R-27E	3568.3' ✓
G-343	1500' FSL & 1820' FWL Section 34 T-17S R-28E	3659.5' ✓
G-332	1575' FSL & 660' FWL Section 34 T-17S R-28E	3658.4' ✓
G-323	1500' FSL & 700' FEL Section 33 T-17S R-28E	3663.9' ✓
H-331	1000' FSL & 1200' FWL Section 34 T-17S R-28E	3658.4' ✓
H-321	1050' FSL & 250' FEL Section 33 T-17S R-28E	3662.4' ✓
H-322	750' FSL & 1150' FEL Section 33 T-17S R-28E	3662.4' ✓
H-301	150' FSL & 1650' FWL Section 33 T-17S R-28E	3659.8' ✓
I-282	1150' FNL & 1270' FEL Section 5 T-18S R-28E	3655.1' ✓
J-233	2550' FNL & 2050' FEL Section 6 T-18S R-28E	3668.9' ✓
K-232	2300' FSL & 1570' FEL Section 6 T-18S R-28E	3653.1' ✓
K-184	2120' FSL & 2465' FWL Section 1 T-18S R-27E	3623.8' ✓
J-223	2630' FNL & 1930' FWL Section 6 T-18S R-28E	3644.3' ✓
K-192	2020' FSL & 1390' FEL Section 1 T-18S R-27E	3636.7' ✓
M-151	400' FNL & 1450' FEL Section 11 T-18S R-27E	3604.1' ✓
I-273	1300' FNL & 1595' FEL Section 5 T-18S R-28E	3651.3' ✓

AtlanticRichfieldCompany

North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631

December 29, 1977



OIL CONSERVATION COMM.

New Mexico Oil and Gas Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attn: Mr. J. D. Ramey

Re: Request for Non-Standard Drilling Locations
Within the Project Area of the ARCO-Empire
Abo Unit Pressure Maintenance Project
Eddy County, New Mexico

Gentlemen:

Atlantic Richfield Company, operator of the Empire
Abo Unit Pressure Maintenance Project, acting on
behalf of itself and the other participating work-
ing interest owners, requests administrative approval
under the provisions of Order No. R-4549-B, Rule 14,
under "Special Rules and Regulations for the Empire
Abo Pressure Maintenance Project," for the drilling
of 25 Unit wells at non-standard locations shown on
the attached Exhibit 1.

The proposed non-standard locations meet all require-
ments 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 to
complete a more efficient producing pattern to conserve
reservoir energy, promote the greatest ultimate recovery
of Unit reserves, prevent waste, and protect correlative
rights.

Very truly yours,

ATLANTIC RICHFIELD COMPANY

J. L. Tweed
District Engineer

IJN/agp

cc: Mr. Bill Gressett
NMOCC
Artesia, New Mexico

NSL's Order
Rule 14
R 4549-B, as amended.
1-25-78
(See letter
for approval
attached)

EXHIBIT 1

ATLANTIC RICHFIELD COMPANY
EMPIRE ABO UNIT
PROPOSED NON-STANDARD LOCATIONS
Eddy County, New Mexico

PHASE IV

<u>WELL NAME & NUMBER</u>	<u>LOCATION</u>	<u>G. L. ELEVATION</u>
Empire Abo Unit		
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E-361	620' FNL & 1200' FEL Section 34 T-17S R-28E	3671.6'
E-351	610' FNL & 2601' FEL Section 34 T-17S R-28E	3673.9'
E-341	660' FNL & 1560' FWL Section 34 T-17S R-28E	3675.7'
F-321	1610' FNL & 250' FEL Section 33 T-17S R-28E	3674.3'
G-322	2350' FSL & 1100' FEL Section 33 T-17S R-28E	3665.6'
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K-192	2020' FSL & 1390' FEL Section 1 T-18S R-27E	3636.7'
M-151	400' FNL & 1450' FEL Section 11 T-18S R-27E	3604.1'
I-273	1300' FNL & 1595' FEL Section 5 T-18S R-28E	3651.3'

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 March 1, 1978.

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

Brunham 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. Co.
P. O. Box 498
Artesia, New Mexico 88210

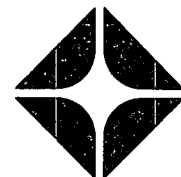
William E. Jeffers
P. O. Box 65
Artesia, New Mexico 88210

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

Yates Drilling Company
207 South Fourth
Artesia, New Mexico 88210

Marbob Energy Corporation
Artesia, New Mexico 88210

North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79702
Telephone 915 684 0100



March 1, 1978

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

RE: Proposed change in the non-standard drilling
locations within the project area of the
ARCO-Empire Abo Unit Pressure Maintenance Project
Eddy County, New Mexico

Gentlemen:

Attached is Atlantic Richfield Company's application to the
New Mexico Oil Conservation Commission requesting a change
in administrative order NSL-915, inasmuch as the location
of two Unit wells have been moved to new non-standard locations.

The two Unit wells and their new non-standard locations are:

- 1) K-184 2290' FSL & 2445' FWL
 Section 1, T-18S, R-27E
 Eddy County, New Mexico
- 2) G-343 1330' FSL & 1970' FWL
 Section 34, T-17S, R-28E
 Eddy County, New Mexico

Very truly yours,

J. L. Tweed

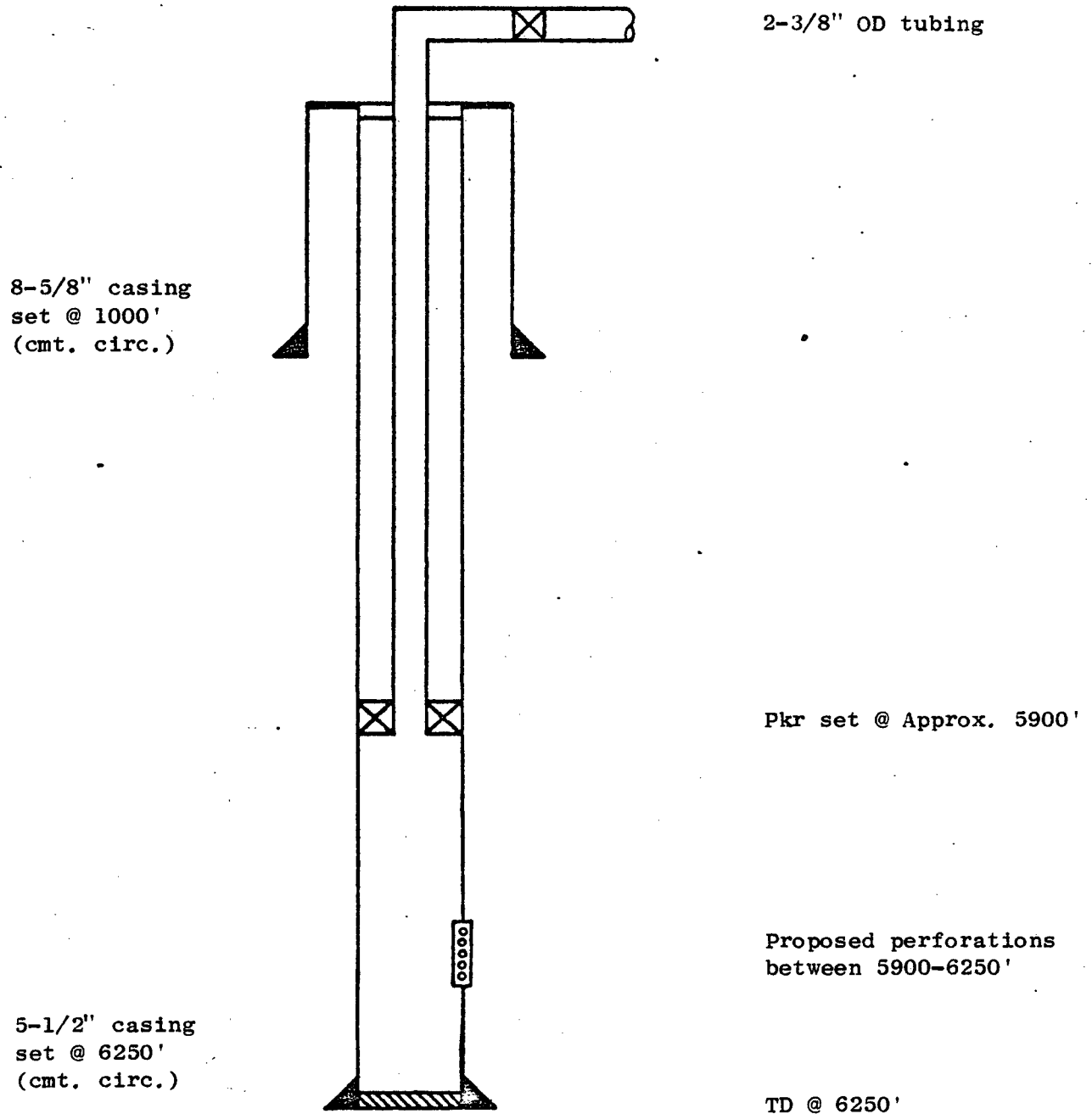
IJN/agp

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well K-184

2290' FSL & 2445' FWL, Section 1, T-18S, R-27E
Eddy County, New Mexico

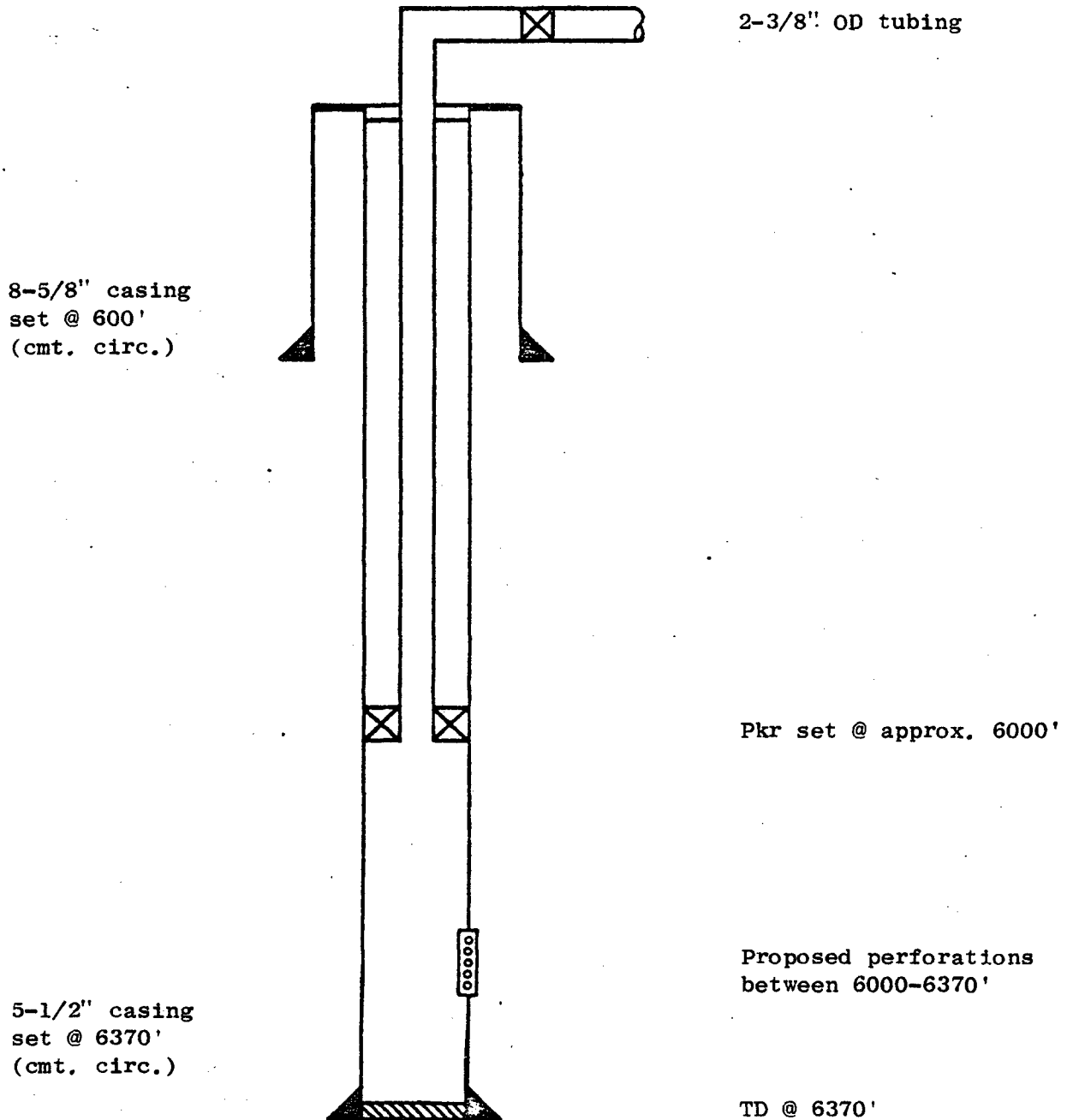


PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-343

1330' FSL & 1970' FWL, Section 34, T-17S, R-28E
Eddy County, New Mexico



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-112
Supersedes O-128
Effective 1-1-75

All distances must be from the outer boundaries of the Section

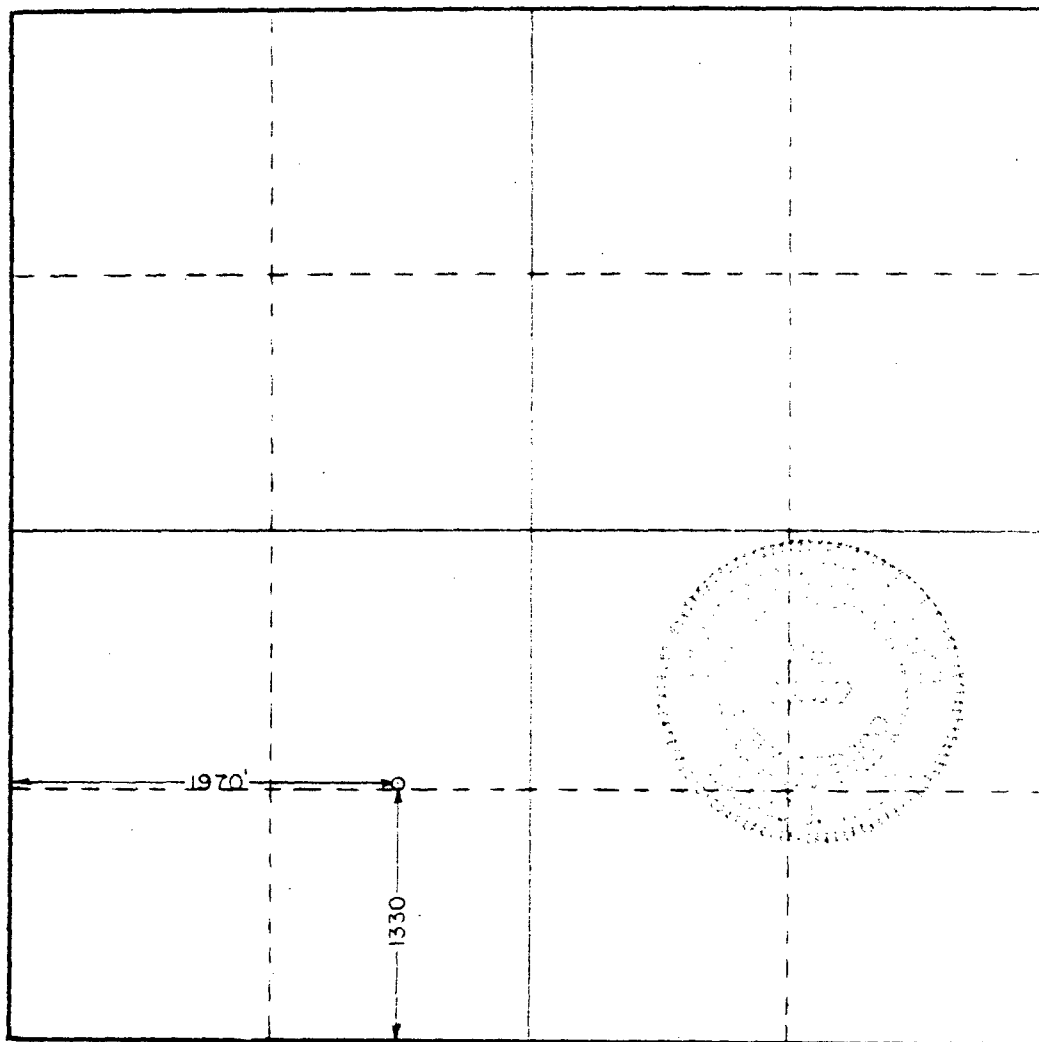
Operator Atlantic Richfield Company		Lease Empire Abo Unit "G"		Section 343
Well Letter K	Section 34	Range 17 South	Range 28 East	County Eddy
Actual Surface Location of Well: 1330 feet from the South line and 1970 feet from the West line				
Ground Level Elev. 3659.5	Producing Formation		Estimated Acreage	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 _____

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

I. J. Natour

Operations Engineer

Atlantic Richfield Company

February 17, 1978

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

Feb. 15, 1978

Registered Professional Engineer
in the State of New Mexico

Ronald J. Edison
Certificate No. **John W. West** 676

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-1122
Supersedes L-128
Effective 1-1-65

All distances must be from the outer boundaries of the section.

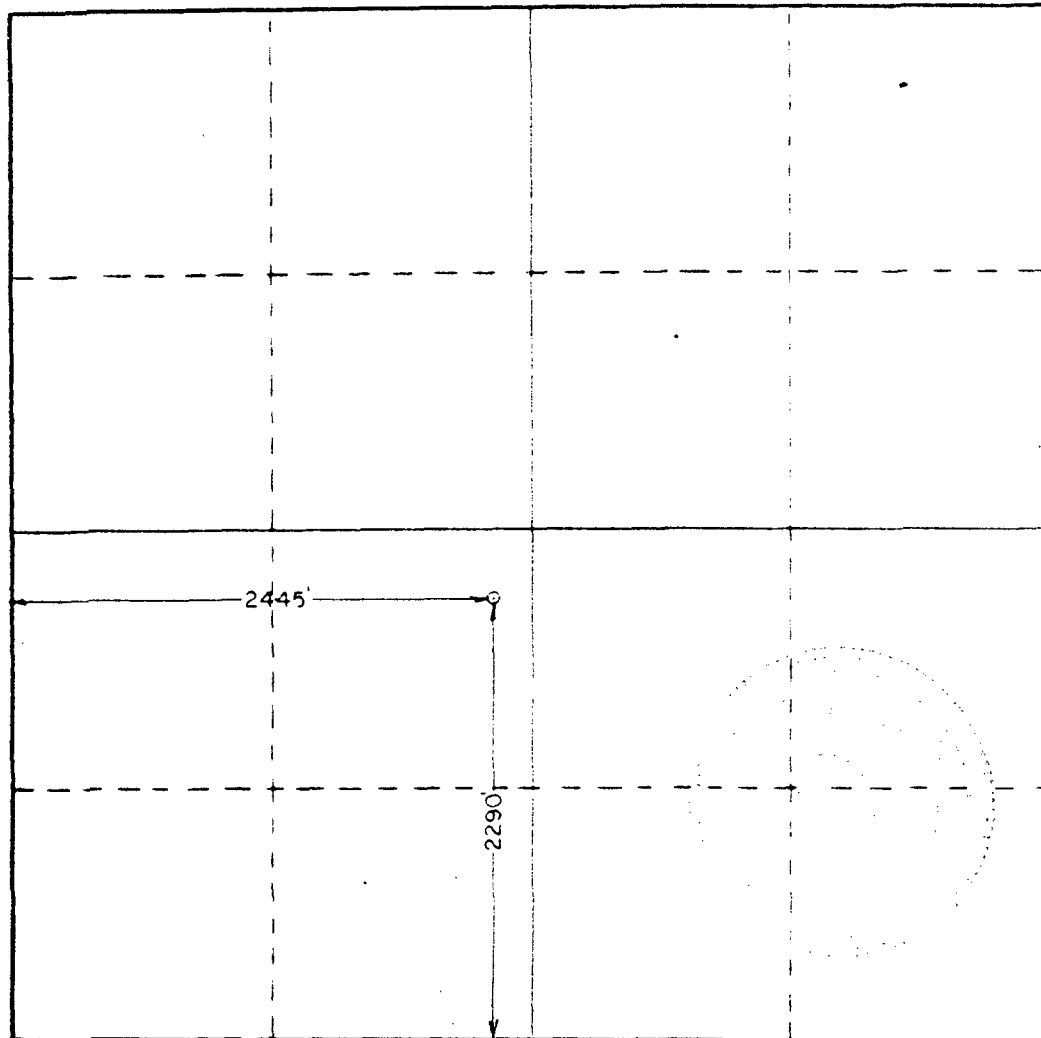
Operator Atlantic Richfield Company		Lease Empire Abo Unit "K"		Acreage 184	
Section K	Section 1	Range 18 South	Range 27 East	Township Eddy	
Actual Outside Location of Well					
2290		feet from the	South	line and	2445
				feet from the	West
Ground Level Elev. 3618.0		Producing Formation		Estimated Acreage	

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 _____

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

I. J. Natour

Operations Engineer

Atlantic Richfield Company

February 17, 1978

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 Received
Feb. 15, 1978

Registered Professional Engineer
in State of New Mexico

Ronald J. Edison

Certificate No. **John W. West** **676**
Renewed **1-1-78** **2070**

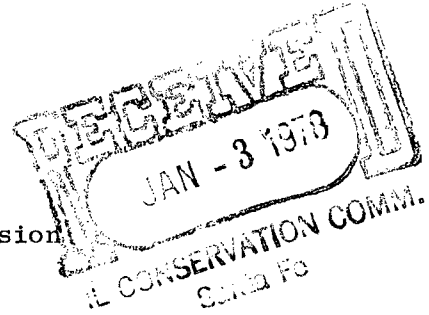
AtlanticRichfieldCompany

North American Producing Division
Permian District
Post Office Box 1610
Midland, Texas 79701
Telephone 915 682 8631



December 29, 1977

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



Attn: Mr. J. D. Ramey

Re: Notification of Offset Operators to
Proposed Non-Standard Drilling Locations
Within the Project Area of the A.R.Co.-
Empire Abo Unit
Pressure Maintenance Report
Eddy County, New Mexico

Gentlemen:

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 non-standard locations with a complete application.

Attached are names and addresses of the offset operators to the proposed non-standard location and the date that they were notified.

Very truly yours,

J. L. Tweed
District Engineer

IJN/agp

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 registered
mail December 29, 1977.

DEPCO, Inc.
800 Central
Odessa, Texas 79761

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

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

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

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

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

Herman Ledbetter
874 Amarillo
Abilene, Texas 79602

Yates Drilling Company
207 South Fourth
Artesia, New Mexico 88210

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

Marbob Energy Corporation
Artesia, New Mexico 88210

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

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

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