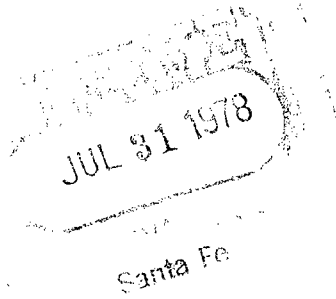




July 28, 1978

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



Attn: Mr. Joe Ramey

Re: Request for a change in Administrative Order
NSL-937 Non-Standard Drilling Locations
within the Project Area of ARCO-Empire Abo
Unit, Eddy County, New Mexico

Gentlemen: *Two separate actions required*

Atlantic Richfield Company, as operator of the
Empire Abo Unit Pressure Maintenance Project, acting
on behalf of itself and other working owners, re-
quests an amendment of administrative order NSL-937
dated April 26, 1978, inasmuch as the following:

- a. Unit well J-213 located 1950' FNL & 1300' FWL, Section 6, T-18S, R-28E is deleted
- b. Unit well J-214 located 2450' FNL & 400' FWL, Section 6, T-18S, R-28E will be re-named "J-213"
- c. Unit well L-154 previously located at 750' FSL & 2550' FEL of Section 2, T-18S, R-27E is moved to a new location at 800' FSL & 2500' FEL of Section 2, T-18S, R-27E
- d. Unit well K-193 previously located at 2150' FSL & 2450' FEL of Section 1, T-18S, R-27E is moved to a new location at 2490' FSL & 2200' FEL of Section 1, T-18S, R-27E
- e. Unit well I-261 is added at a location 1080' FNL & 1914' FWL Section 5, T-18S, R-28E

*Amend
NSL
937*

*NSL-969
New NSL
Rule 14
RH549
B*

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."

*File Aug
20, 1978*

Energy & Minerals Department

July 28, 1978

Page 2

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,

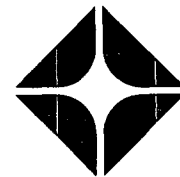
A handwritten signature in cursive script, appearing to read "J L Tweed".

J. L. Tweed

IJN:ns

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

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



July 28, 1978

Energy & Minerals 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:

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

IHN:ns

cc: Mr. Bill Gressett
New Mexico Oil Conservation Commission
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 July 28, 1978.

DEPCO, Inc.
800 Central
Odessa, TX 79761

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

C. O. Fulton
P. O. Box 1121
Artesia, N. M. 88210

Herman Ledbetter
874 Amarillo
Abilene, TX 79602

J. B. Adamson
P. O. Box 727
Artesia, N. M. 88210

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

Brunhan and Company
P. O. Box 257
Artesia, N. M. 88210

Franklin, Aston, and Fair, Inc.
P. O. Box 1090
Roswell, N. M. 88201

Kincaid & Watson Drlg Co.
P. O. Box 498
Artesia, N. M. 88210

William E. Jeffers
P. O. Box 65
Artesia, N. M. 88210

B & D Oil Company
P. O. Box 804
Hobbs, N. M.

Yates Drilling Company
207 South Fourth
Artesia, N. M. 88210

Marbob Energy Corporation
Artesia, N. M. 88210

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

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

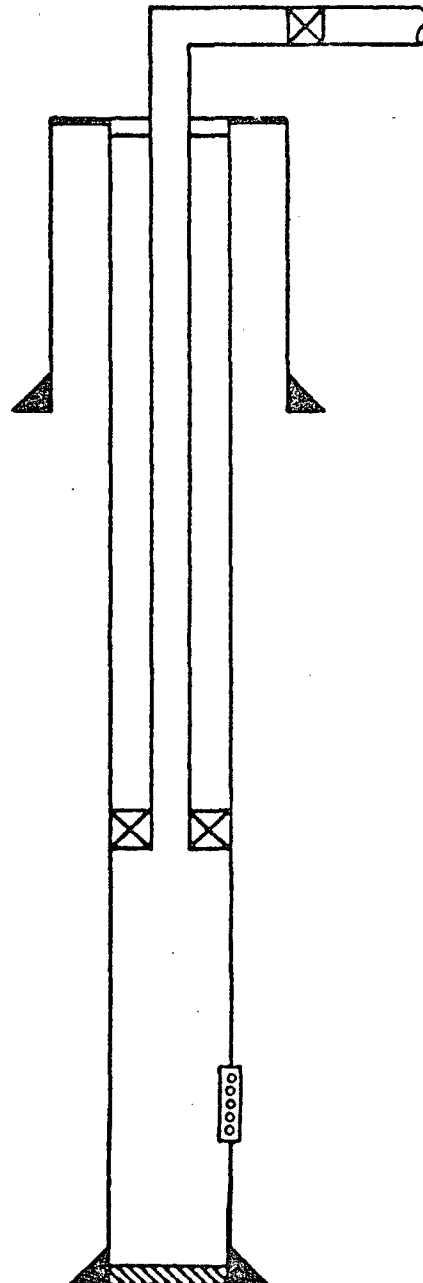
Empire Abo Unit Well J-213

2450' FNL & 400' FWL, Sec. 6, T-18S, R-28E

Eddy County, New Mexico

8-5/8" casing
set @ 550'
(cmt. circ.)

5-1/2" casing
set @ 6250'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
5600'

Proposed perforations
5650' - 6250'

TD @ 6250'

PROPOSED PRODUCING WELL DIAGRAM

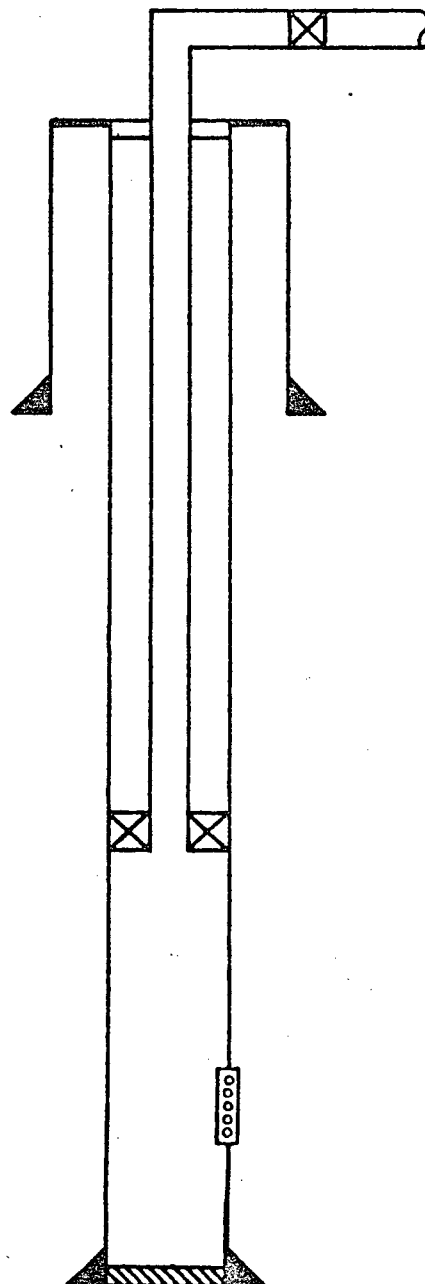
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well K-193

2490' FSL & 2200' FEL, Sec. 1, T-18S, R-27E
Eddy County, New Mexico

8-5/8" casing
set @ 1000'
(cmt. circ.)

5-1/2" casing
set @ 6225'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
5850'

Proposed perforations
5900 - 6225'

TD @ 6225'

PROPOSED PRODUCING WELL DIAGRAM

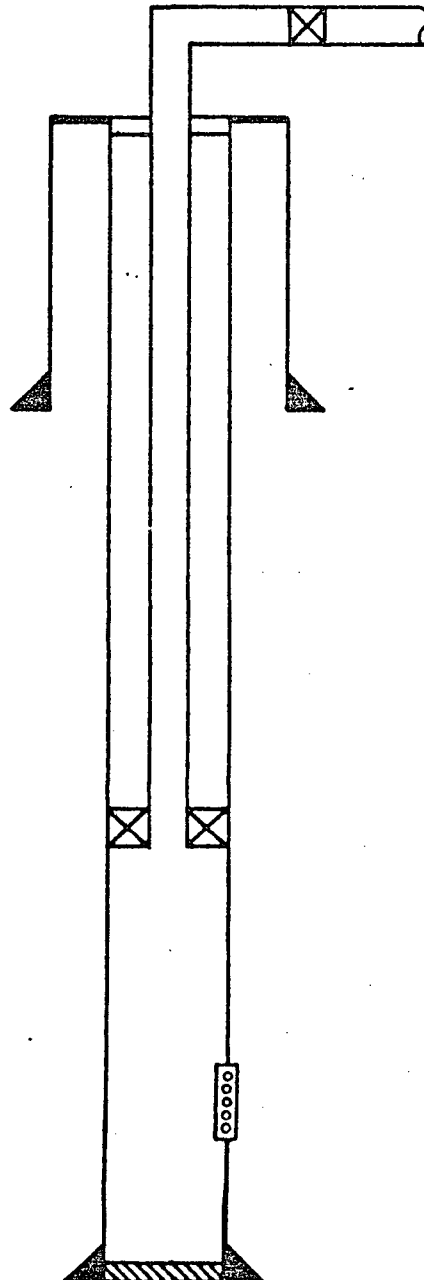
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well L-154

800' FSL & 2500' FEL, Sec. 2, T-18S, R-27E
Eddy County, New Mexico

8-5/8" casing
set @ 1000'
(cmt. circ.)

5-1/2" casing
set @ 6200'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
5750'

Proposed perforations
5800-6200'

TD @ 6200'

PROPOSED PRODUCING WELL DIAGRAM

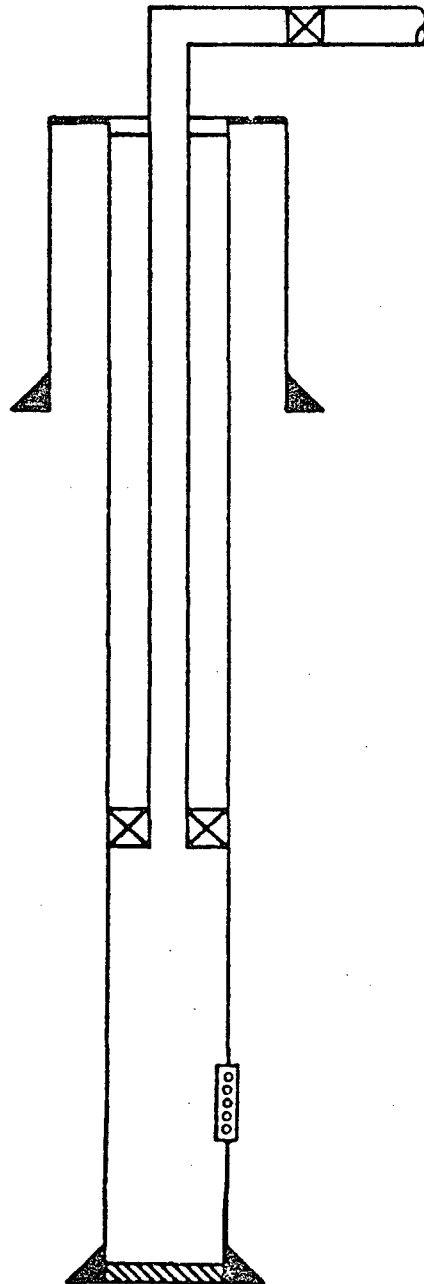
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well 1-261

1914' FWL & 1080' FNL, Sec. 5, T-18S, R-28E
Eddy County, New Mexico

8-5/8" casing
set @ 550'
(cmt. circ.)

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



2-3/8" OD tubing

Pkr set @ approx.
5850'

Proposed perforations
5900'-6350

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

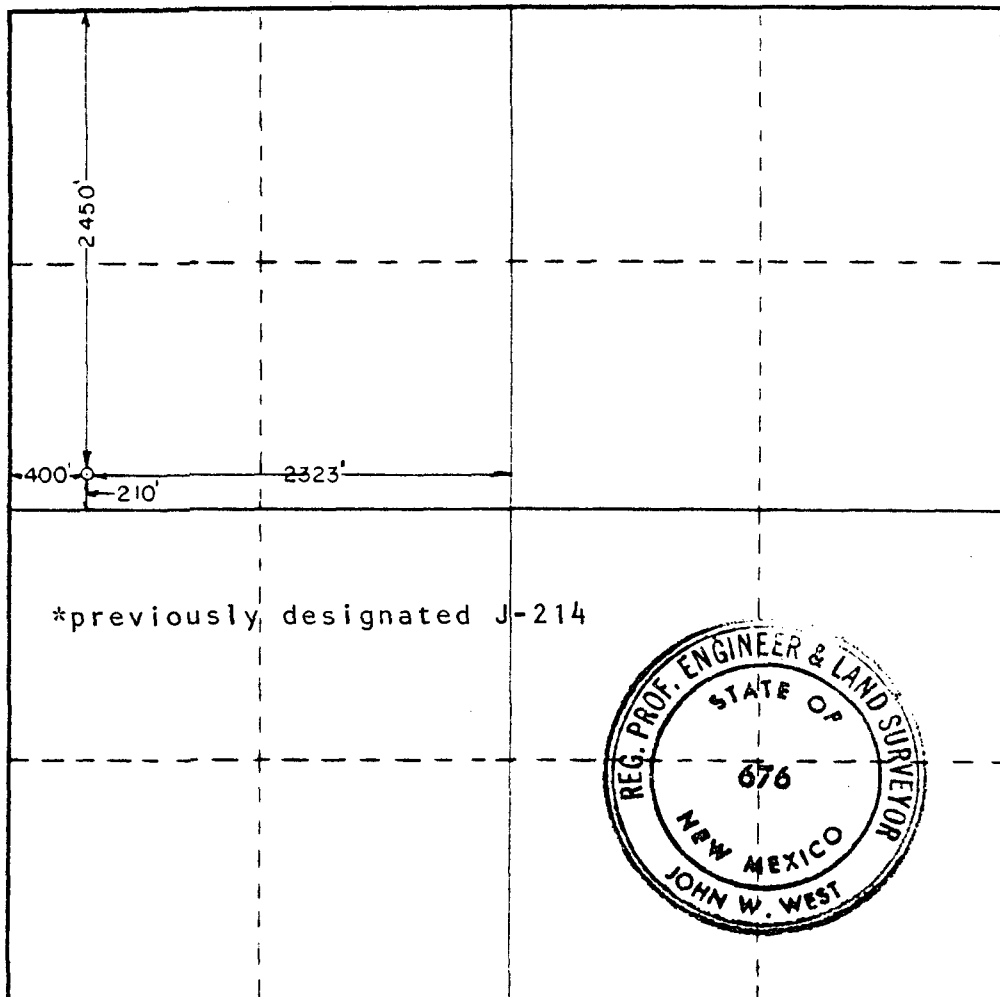
Operator Atlantic Richfield Co.			Lease Empire Abo Unit # J		Well No. 213 *
Grid Letter E	Section 6	Township 18 South	Range 28 East	County Eddy	
Actual Prototype Location of Well: 2450 feet from the North line and 400 feet from the West line					
Ground Level Elev. 3650.1	Producing Formation		Pool	Dedicated 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

Operations Engineer

Company

Atlantic Richfield Company

Date

March 22, 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.

March 16, 1978

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **John W. West 676**

Ronald J. Eidson 3239

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900

**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.

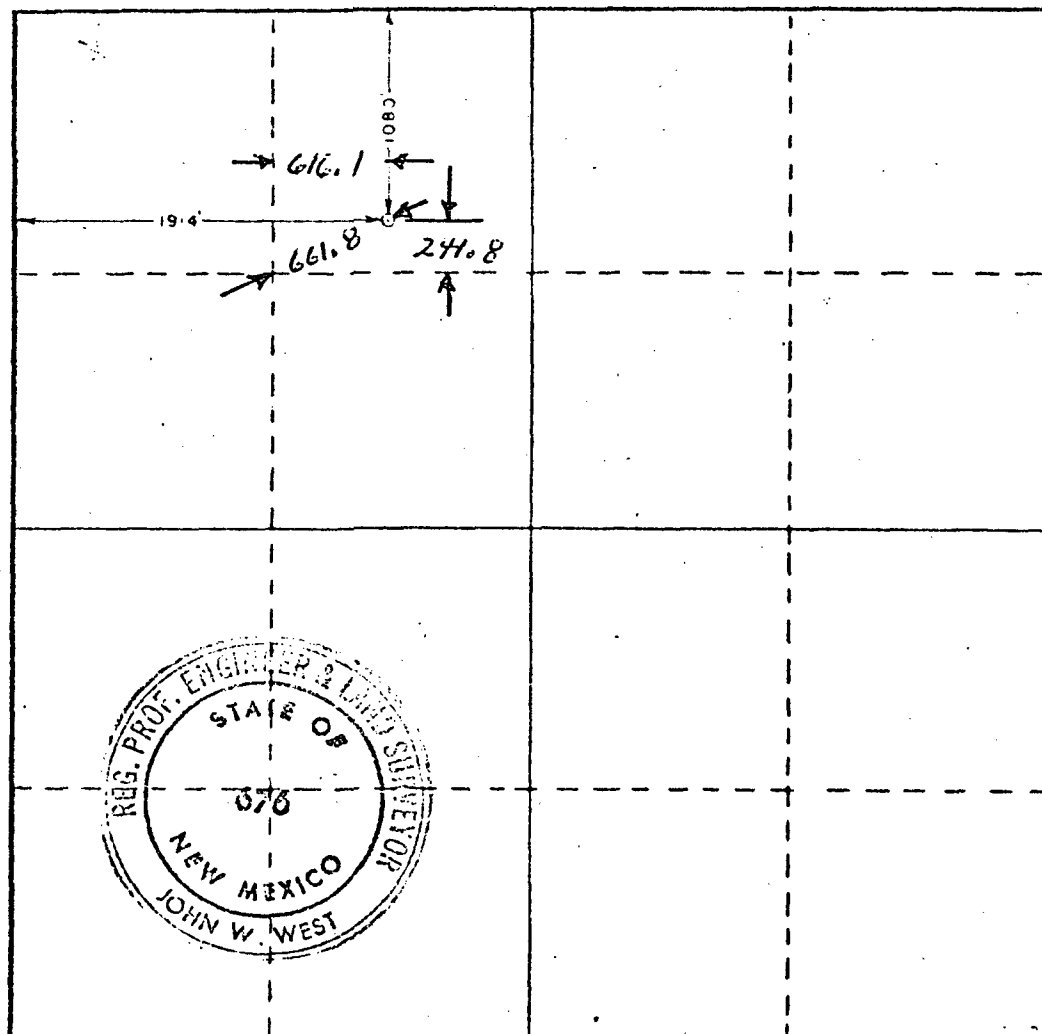
Operator Atlantic Richfield Co.			Lease Empire Abo Unit		Well No. 1-261
Unit Letter C	Section 5	Township 18 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1914 feet from the West line and 1080 feet from the North line					
Ground Level Elev. 3659.8	Producing Formation		Pool	Dedicated 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.



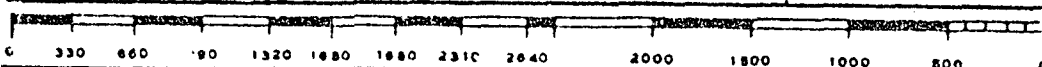
CERTIFICATION

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
Operations Engineer
 Company
Atlantic Richfield
 Date
7-27-78

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
July 7, 1978
 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

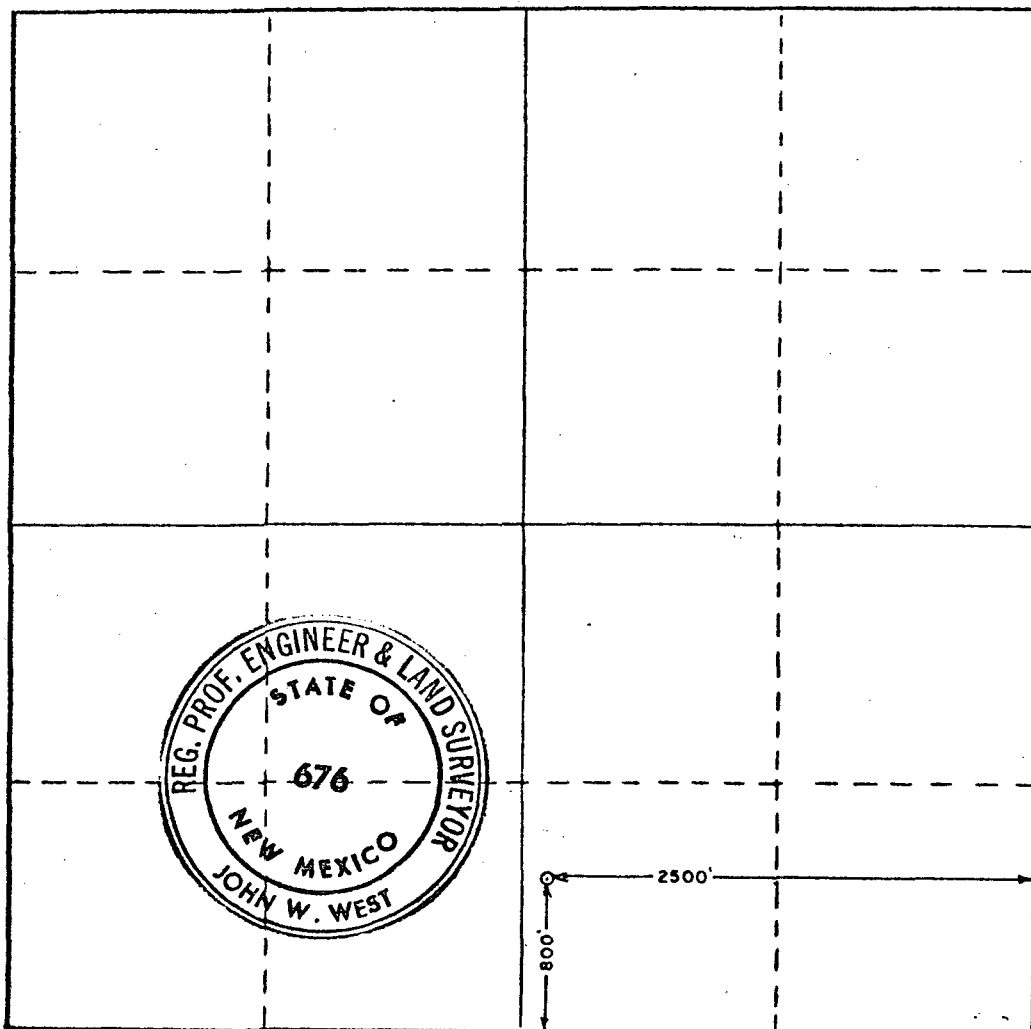
Operator Atlantic Richfield Co.			Lease Empire Abo Unit			Well No. L-154		
Unit Letter O	Section 2	Township 18 South	Range 27 East	County Eddy				
Actual Footage Location of Well: 800 feet from the South line and 2500 feet from the East line								
Ground Level Elev. 3553.4	Producing Formation		Pool			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
Operations Engineer

Company
Atlantic Richfield

Date
7-27-78

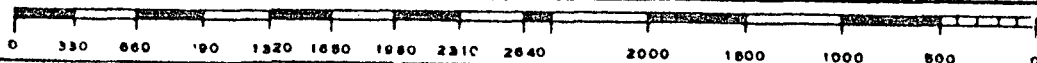
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
June 27, 1978

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

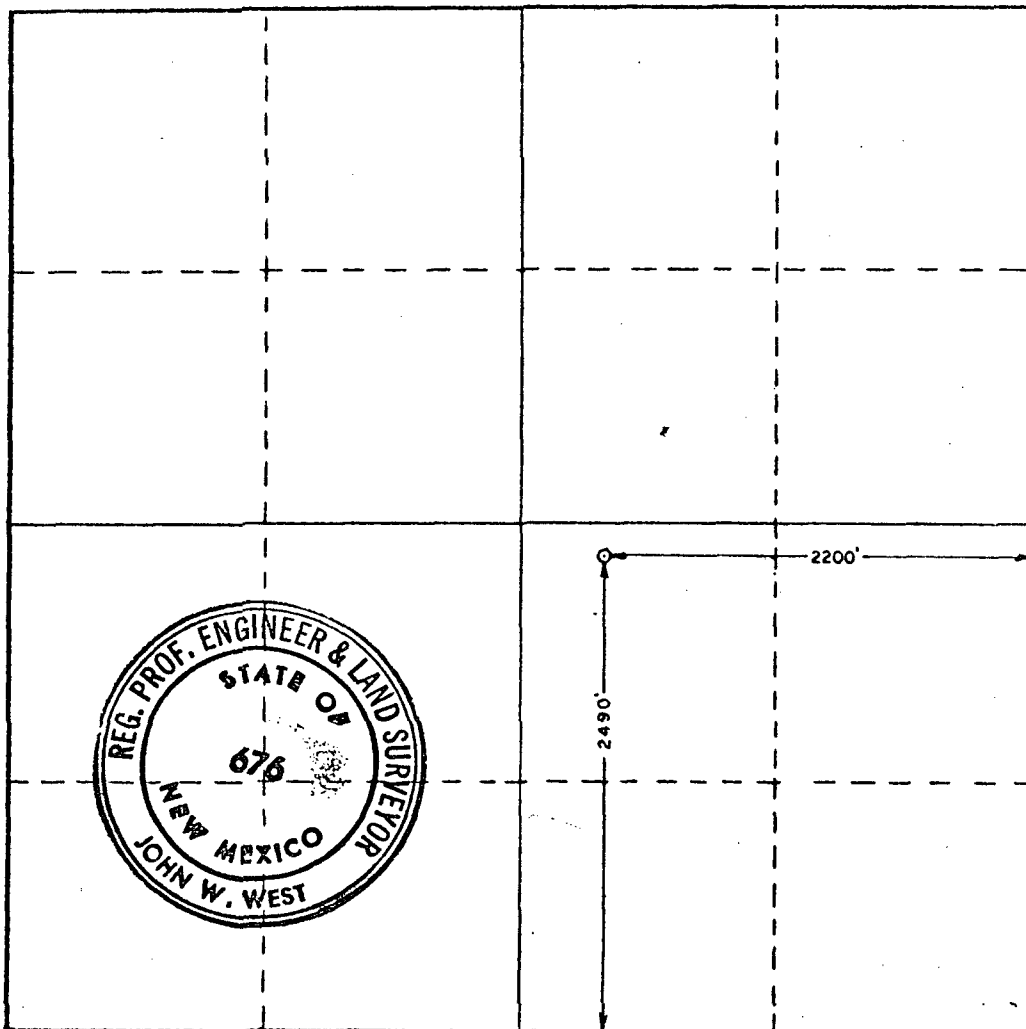
Operator Atlantic Richfield Co.			Lease Empire Abo Unit		Well No. K-193
Unit Letter J	Section 1	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 2490 feet from the South line and 2200 feet from the East line </div>					
Ground Level Elev. 3642.7	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

Operations Engineer

Company

Atlantic Richfield

Date

7-27-78

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

June 27, 1978

Registered Professional Engineer and/or Land Surveyor

John W. West

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