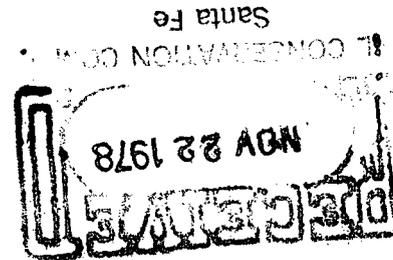


November 20, 1978

Energy & Minerals Department
Oil Conservation Division
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

*NSL-999
Rule 14
R-4549-B
Dec 17-1978*

Gentlemen:

Atlantic Richfield Company, as operator of the Empire Abo Unit Pressure Maintenance Project, acting on behalf of itself and the other participating working 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 50 Unit wells at non-standard locations shown on the attached Exhibit 1.

The proposed non-standard 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 of 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
Energy & Minerals Dept.,
Oil Conservation Div.,
Artesia, New Mexico

EXHIBIT I
EMPIRE ABO UNIT

PHASE VI

<u>ELEV.</u> <u>GL</u>	<u>WELL</u> <u>NAME</u>	<u>LOCATION</u>	<u>SEC.</u>	<u>TWP-S</u>	<u>RANGE-E</u>
3675.9	E-362	1200' FNL & 1200' FEL	34	17	28
3665.5	D-361	136' FSL & 800' FEL	27	17	28
3673.5	E-363	650' FNL & 120' FEL	34	17	28
3680.7	E-374	220' FNL & 700' FWL	35	17	28
3679.3	E-383	1190' FNL & 1910' FWL	35	17	28
3681.0	E-384	600' FNL & 1400' FWL	35	17	28
3685.5	E-392	959' FNL & 2400' FEL	35	17	28
3686.1	E-393	1100' FNL & 2250' FEL	35	17	28
3677.9	E-394	1000' FNL & 1600' FEL	35	17	28
3676.2	E-395	75' FNL & 1820' FEL	35	17	28
3674.8	F-334	1700' FNL & 620' FWL	34	17	28
3664.3	F-335	2250' FNL & 570' FWL	34	17	28
3672.1	F-342	1450' FNL & 1900' FWL	34	17	28
3662.2	F-343	2300' FNL & 1675' FWL	34	17	28
3666.9	F-354	1850' FNL & 2550' FEL	34	17	28
3663.3	F-363	2250' FNL & 1250' FEL	34	17	28
3679.3	F-373	1820' FNL & 150' FWL	35	17	28
3674.8	F-374	2525' FNL & 520' FWL	35	17	28
3681.2	F-375	1780' FNL & 1175' FWL	35	17	28
3685.3	F-376	1335' FNL & 700' FWL	35	17	28
3675.6	F-382	2400' FNL & 1600' FWL	35	17	28
3678.4	F-383	1600' FNL & 2350' FWL	35	17	28
3680.6	F-391	1545' FNL & 1625' FEL	35	17	28
3665.7	G-291	2000' FSL & 1200' FWL	33	17	28
3661.7	G-314	1450' FSL & 2000' FEL	33	17	28
3662.6	G-315	1900' FSL & 1450' FEL	33	17	28
3662.3	G-324	2250' FSL & 235' FEL	33	17	28
3661.4	G-334	2400' FSL & 500' FWL	34	17	28
3662.2	G-352	2200' FSL & 1450' FEL	34	17	28
3663.8	G-353	1420' FSL & 2050' FEL	34	17	28
3670.5	G-361	2400' FSL & 300' FEL	34	17	28

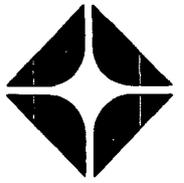
Exhibit 1
 Empire Abo Unit
 Phase VI
 (cont'd.)

<u>ELEV.</u> <u>GL</u>	<u>WELL</u> <u>NAME</u>	<u>LOCATION</u>	<u>SEC.</u>	<u>TWP-S</u>	<u>RANGE-E</u>
3660.9	H-341	1200' FSL & 2500' FWL	34	17	28
3663.6	I-292	485' FNL & 1070' FWL	4	18	28
3672.9	J-235	1750' FNL & 1600' FEL	6	18	28
3517.0	* K-131	1500' FSL & 600' FWL	2	18	27
3523.4	K-142	1700' FSL & 1400' FWL	2	18	27
3533.0	K-143	1820' FSL & 2550' FWL	2	18	27
3558.7	K-161	1310' FSL & 590' FEL	2	18	27
3521.4	L-122	100' FSL & 430' FEL	3	18	27
3501.4	L-123	660' FSL & 250' FEL	3	18	27
3518.5	* L-133	800' FSL & 950' FWL	2	18	27
3535.3	L-134	10' FSL & 640' FWL	2	18	27
3552.7	L-155	1040' FSL & 2025' FEL	2	18	27
3574.8	L-156	600' FSL & 1330' FEL	2	18	27
3588.6	L-171	670' FSL & 300' FWL	1	18	27
3630.3	L-191	1120' FSL & 1440' FEL	1	18	27
3533.2	M-123	1050' FNL & 100' FEL	10	18	27
3557.0	M-133	450' FNL & 1175' FWL	11	18	27
3574.8	M-141	225' FNL & 2280' FWL	11	18	27
3593.0	M-153	200' FNL & 1925' FEL	11	18	27

Due to surface conditions, the following wells will be drilled directionally at the surface location mentioned above, and bottomed within a circle of 150' radius with its center being the bottom hole location specified below.

- D-361 Surface location 136' FSL & 800' FEL, Sec. 27, T-17S, R-28E
 Bottom hole location 300' FNL & 500' FEL, Sec. 34, T-17S, R-28E
- E-392 Surface location 959' FNL & 2400' FEL, Sec. 35, T-17S, R-28E
 Bottom hole location 600' FNL & 2500' FEL, Sec. 35, T-17S, R-28E
- K-131 Surface location 1500' FSL & 600' FWL, Sec. 2, T-18S, R-27E
 Bottom hole location 1600' FSL & 250' FWL, Sec. 2, T-18S, R-27E
- L-133 Surface location 800' FSL & 950' FWL, Sec. 2, T-18S, R-27E
 Bottom hole location 1250' FSL & 700' FWL, Sec. 2, T-18S, R-27E

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



November 20, 1978

Energy & Minerals Department
Oil Conservation Division
of New Mexico
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 ARCo-
Empire Abo Unit
Pressure Maintenance Report
Eddy County, New Mexico

Gentlemen:

Atlantic Richfield Company, as 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 loca-
tions with a complete application.

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

Very truly yours,

J. L. Tweed
District Engineer

IJN/agp

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

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

All the following offset operators were notified
by mail November 20, 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 Tx.
P. O. Box 1311
Big Spring, Texas

Brunham & Company
P. O. Box 162
Artesia, New Mexico 88210

Franklin, Aston, & 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

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

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-1
Supersedes O-1
1/15/68

All distances must be from the outer boundaries of the Section

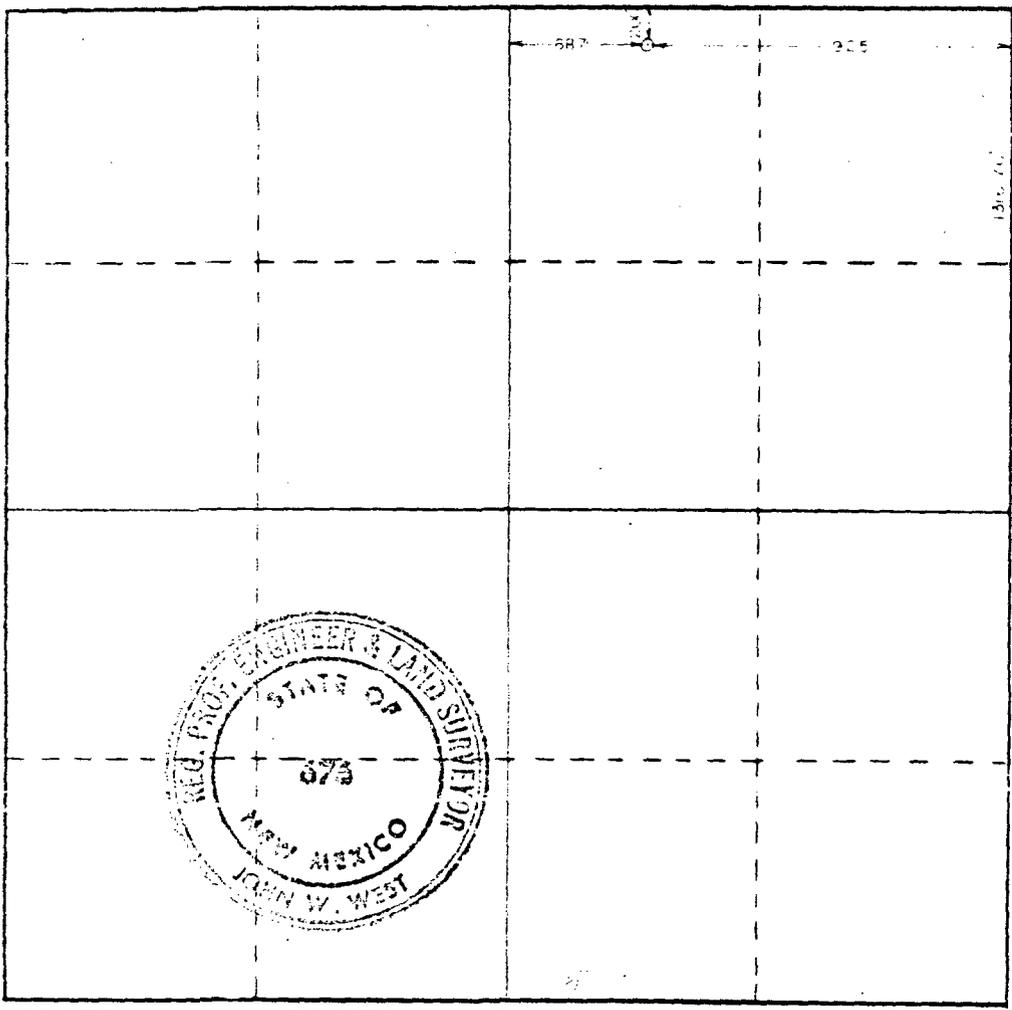
Operator Atlantic Richfield Co.		Lease Empire Abo Unit M		Acres 153
Section 11	Township 13-S	Range 27-E	County Eddy	
The Location of Well: 200 feet from the North line and 1925 feet from the East line		Spot Elev. 3593.0		
Producing Formation		Pool	Dedicated Acreage	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 1978

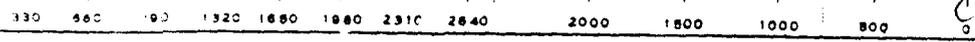
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 31, 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 No. 1
Supersedes O-228
Effective 1-1-78

All distances must be from the outer boundaries of the Section

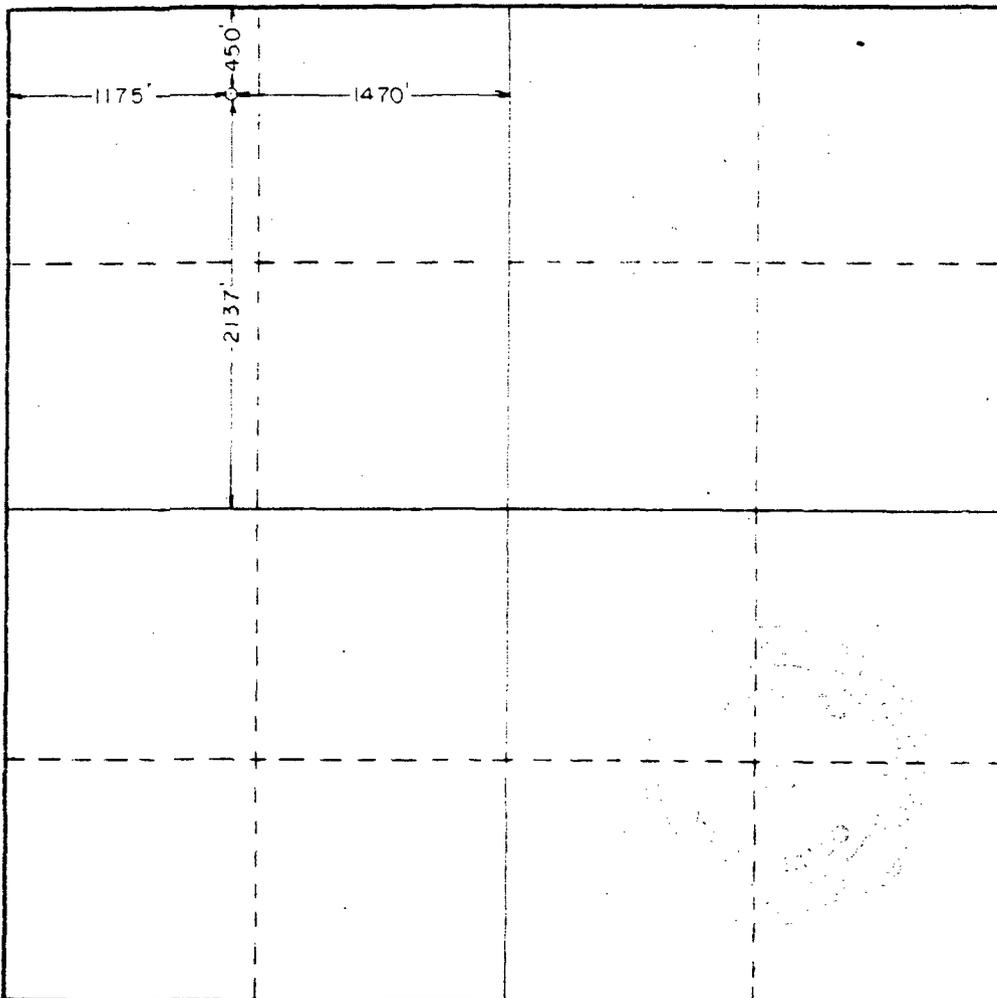
Operator Atlantic Richfield Co.		Lease Empire Abo Unit # M		Well No. 133
Well Letter D	Section 11	Township 18 South	Range 27 East	County Eddy
Actual Footage Location of Well: 450 feet from the North line and 1175 feet from the West line				
Ground Level Elev. 3557.0	Producing Formation	Pool	Dedicated Acreage: Acre	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-100
Supersedes O-100
Effective 1-1-75

All distances must be from the outer boundaries of the Section

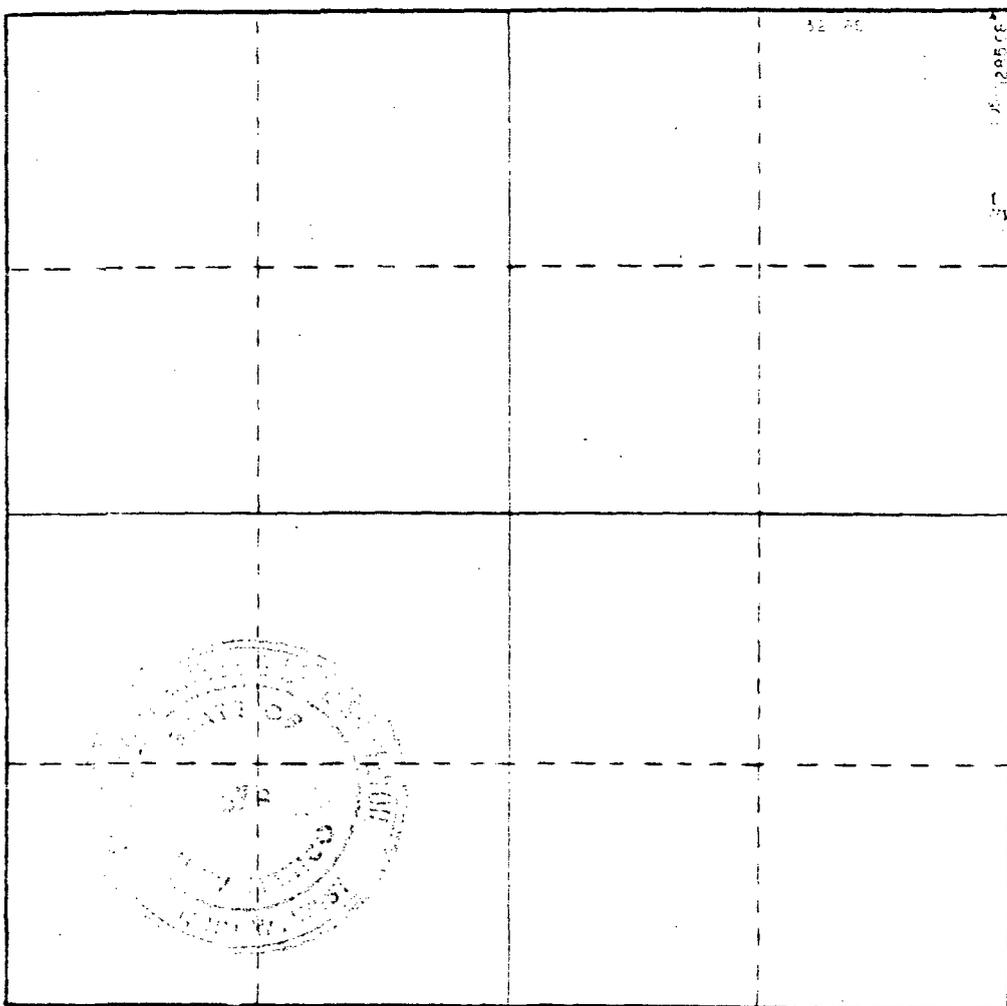
Lessee Atlantic Richfield Co.		Lease Empire Abo Unit M		Acres 120
Section A	Range 10	Township 18-S	Range 27-E	County Eddy
Location of Well: 1050 feet from the North line and 100 feet from the East line				
Depth, feet, Elev. 3533.2	Producing Formation Pool		Estimated Acreage 120	

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

L. J. Natour
Name

L. J. Natour
Position

Operations Engineer
Company

Atlantic Richfield Co.
Date

November 16, 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 Surveys
October 31, 1978

Registered Professional Engineer
and/or Land Surveyor

John W. West
Certificate No.

John W. West 676
Ronald J. Eldson 3239

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-192
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

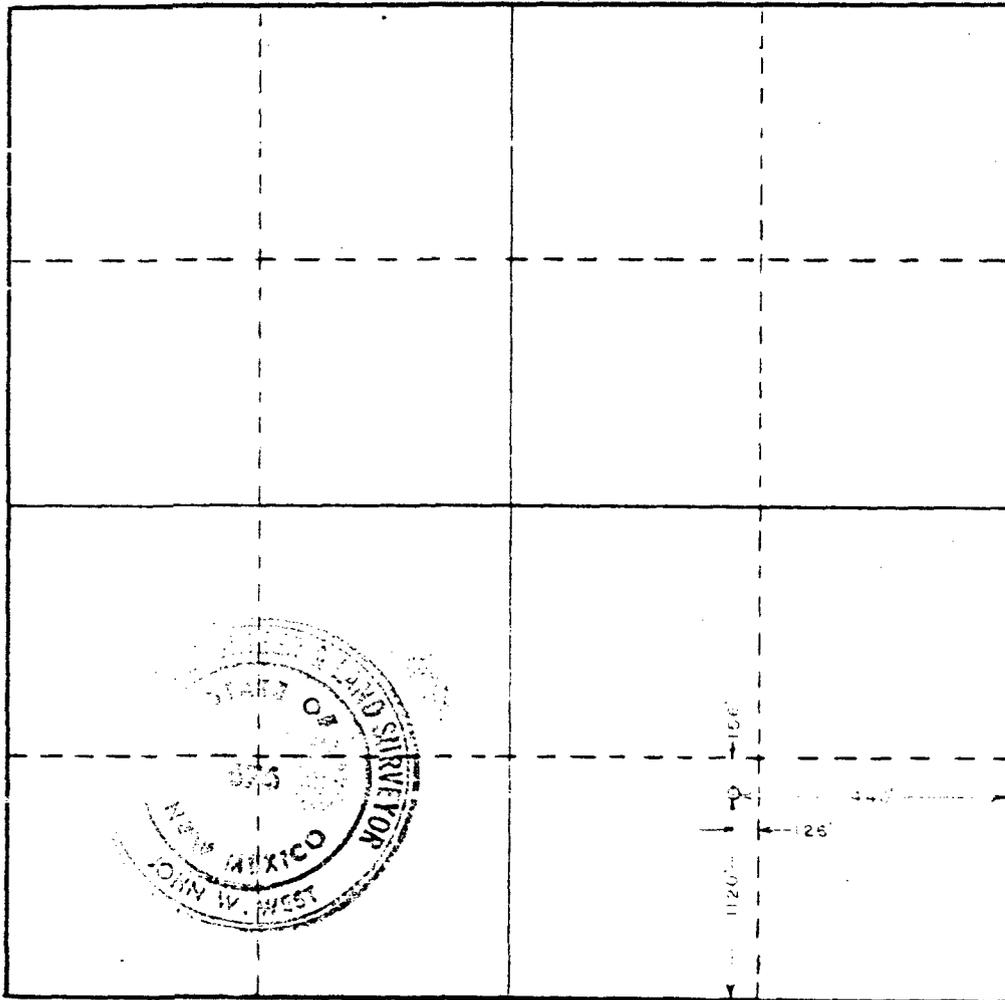
Operator Atlantic Richfield Co.		Lease Empire Abo Unit L		Well No. 191
Tract Letter O	Section 1	Township 18-S	Range 27-E	County Eddy
Actual Fracture Location of Well:				
1120	feet from the South	line and	1440	feet from the East
Ground Level Elev. 3630.3	Producing Formation	Pool	Dedicated Acreage: Acres	

- 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.

A. J. Natour

Name
I. J. Natour
Position
Operations Engineer
Company
Atlantic Richfield Co.

Date
November 16, 1978

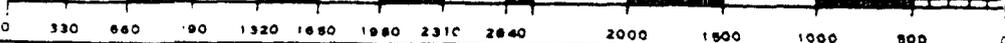
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 1, 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 O-1110
Supersedes O-1104
Effective 1-1-65

All distances must be from the outer boundaries of the Section

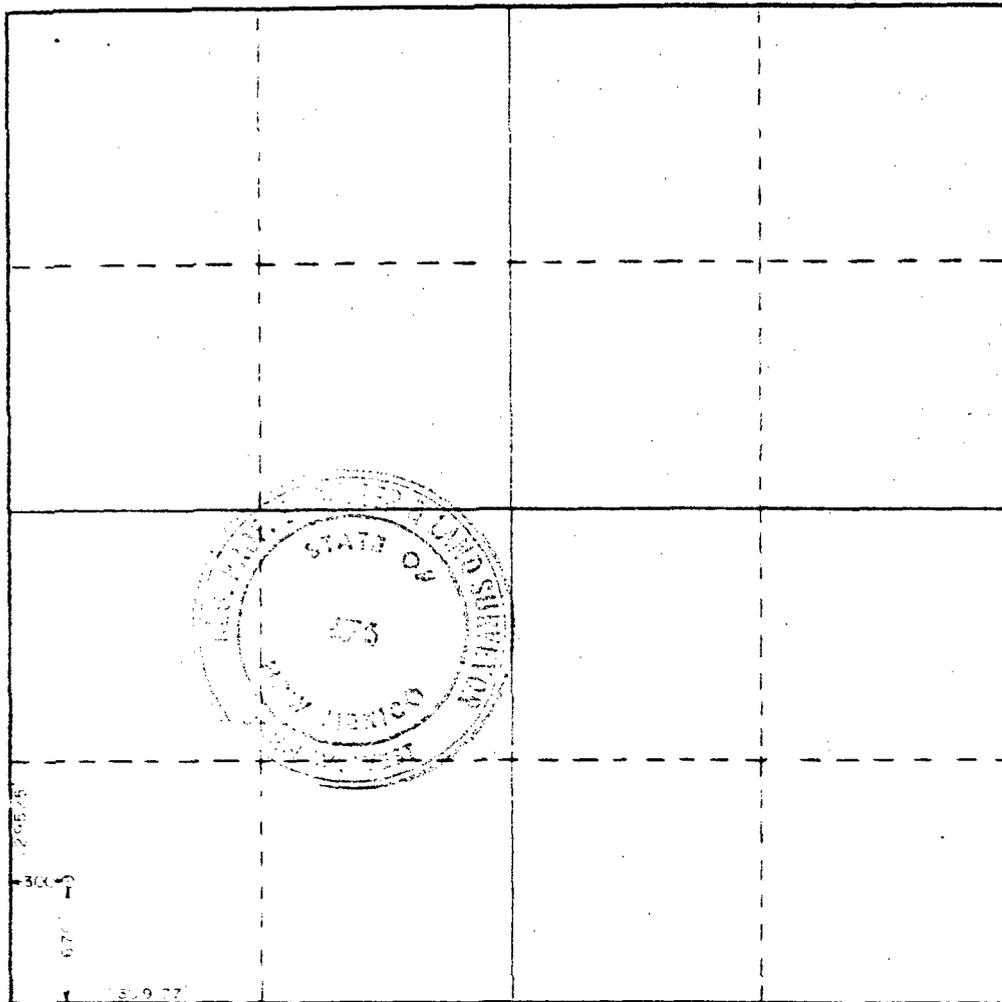
Lessor Atlantic Richfield Co.		Lease Empire Abo Unit - L		Ac. 171
Section M	Section I	Township 18 S	Range 27 E	County Eddy
1. Well Location of Well: 670 feet from the South line and 300 feet from the West line				
2. Surface Elev. 3598.6	3. Production Formation	4. Pool	5. Dedicated Acreage	

- 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

Operations Engineer
Company

Atlantic Richfield Co.
Date

November 16, 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:
November 2, 1978

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

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Supersedes OCS-2
Effective 1-1-78

All distances must be from the outer boundaries of the Section

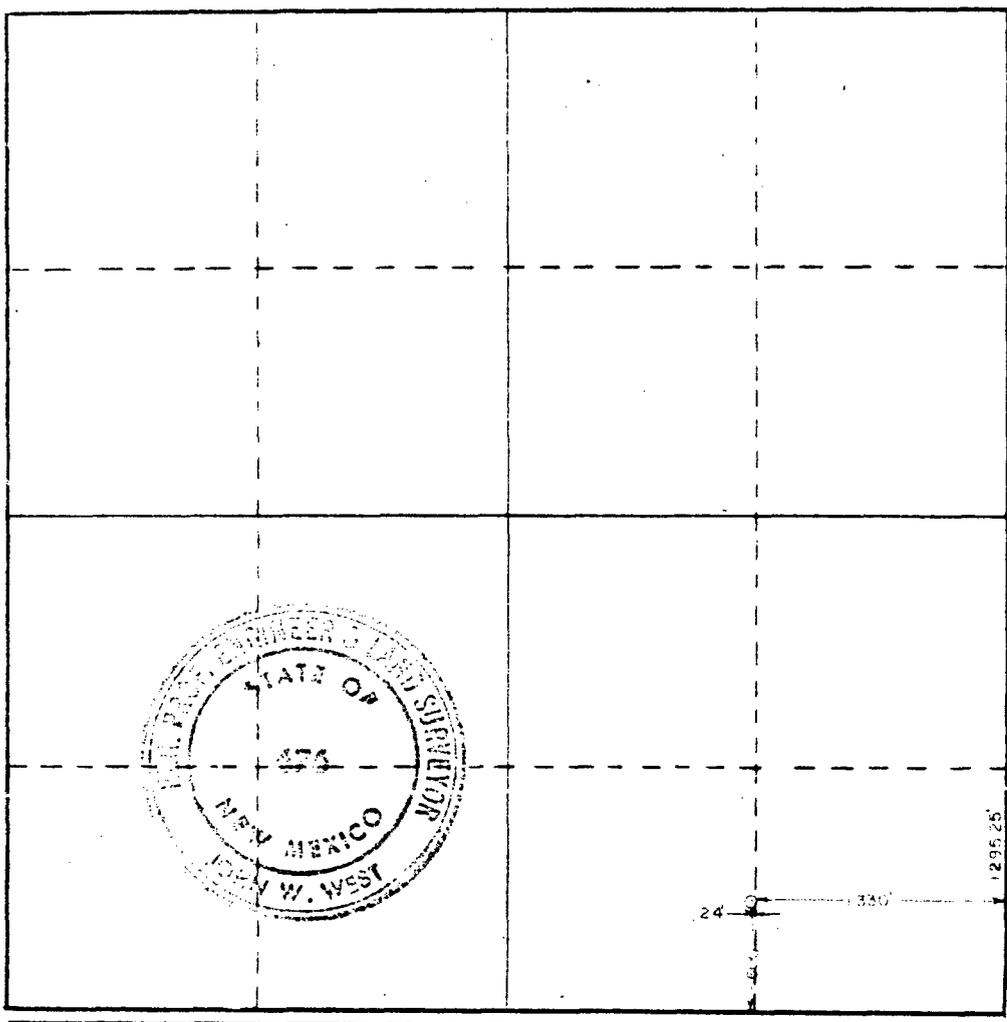
Lessee Atlantic Richfield Co.		Lease Empire Abo Unit		L	156
Section 0	Section 2	Township 18-S	Range 27-E	County Eddy	
Actual Well Location of Well: 600 feet from the South line and 1330 feet from the East line					
Surface Level Elev. 3574.8	Producing Formation	Pool	Dedicated Acreage		

- 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.

Name I. J. Natour

Position Operations Engineer

Company Atlantic Richfield Co.

Date November 16, 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 October 31, 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 O-11
Supersedes O-11A
Effective 1-1-68

All distances must be from the outer boundaries of the Section

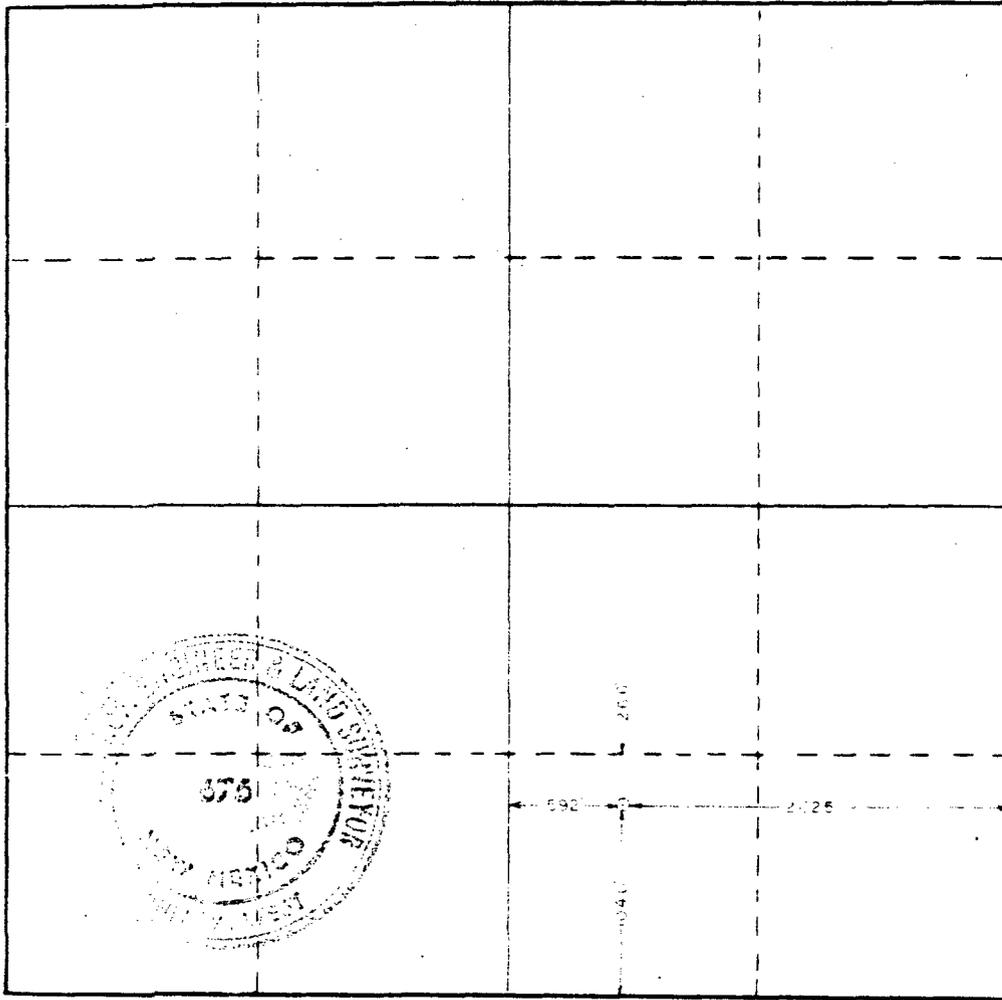
Atlantic Richfield Co.		Lease Empire Abo Unit L		Acres 135	
Section O	2	Township 18-S	Range 27-E	County Eddy	
Approximate Location of Well:					
1040 feet from the South		line and 2025		feet from the East	
Surface Elev. 3552.7	Producing Formation		Pool	Designated Address	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
October 31, 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 O-111
Supersedes O-128
Effective 10-85

All distances must be from the outer boundaries of the Section

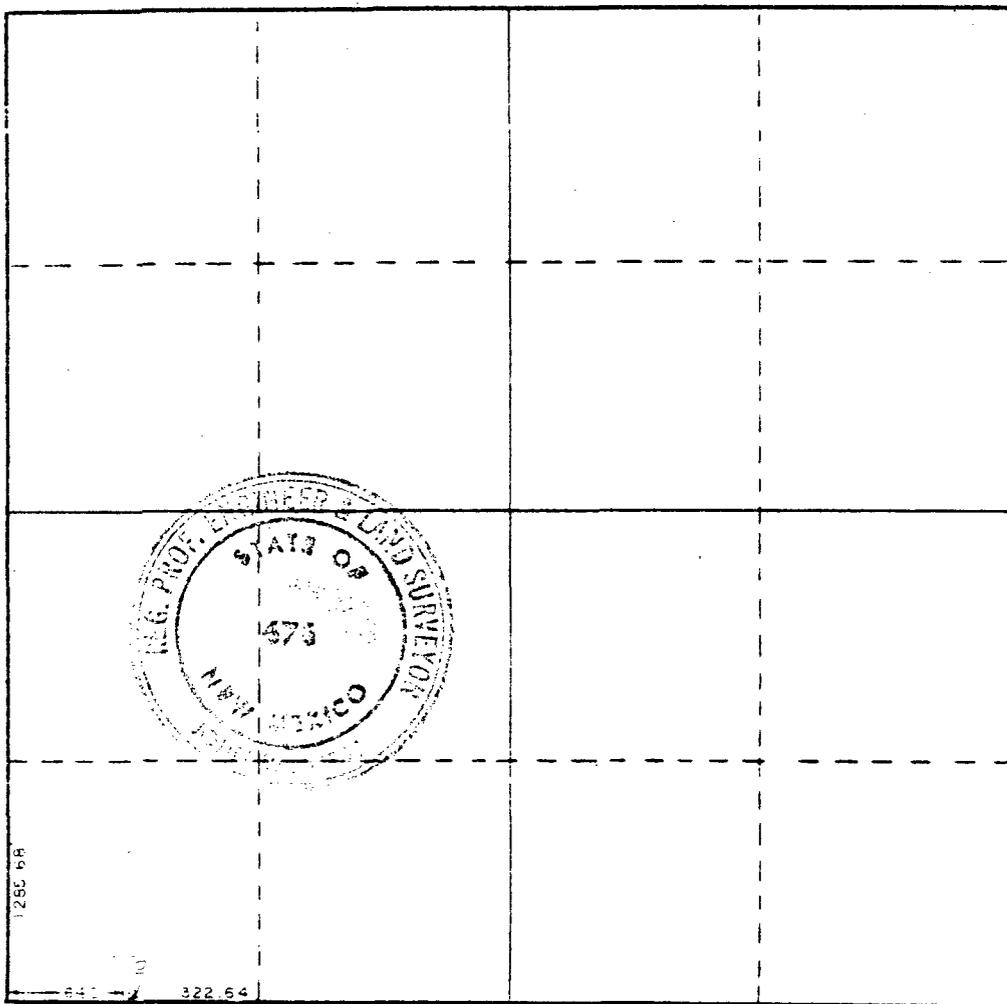
Lessor Atlantic Richfield Co.		Lessee Empire Abo Unit		Acres 134
Section M	Section 2	Township 18-S	Range 27-E	County Eddy
Actual Location of Well: 10 feet from the South line and 640 feet from the West line				
Ground Level Elev. 3535.3	Producing Formation	Pool	Dedicated Acreage: Acres	

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 Co.

Date
November 16, 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
October 31, 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 O-112
Supersedes O-118
Effective 1-1-65

All distances must be from the outer boundaries of the Section

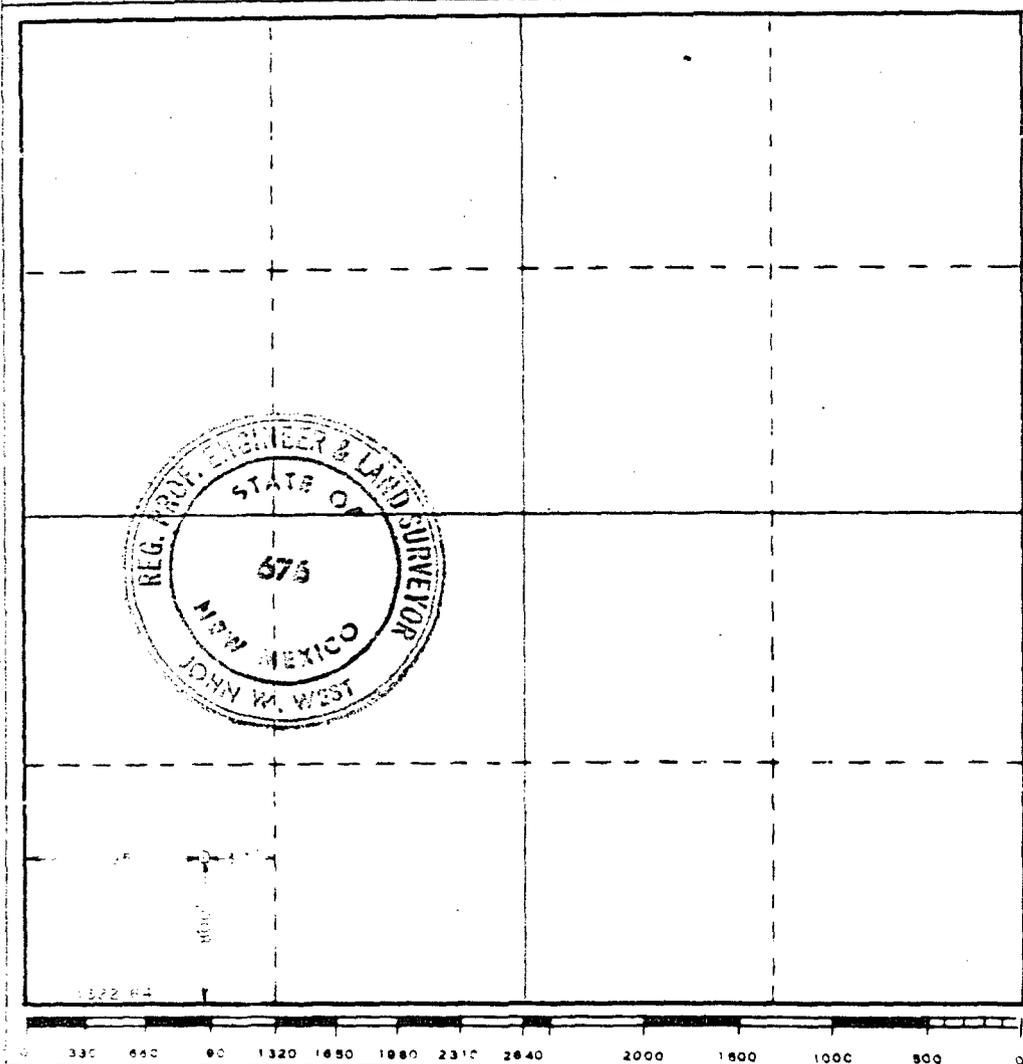
Lessee Atlantic Richfield Co.		Lease Empire Abo Unit L		Well No. 133
Section M	Section 2	Township 18-S	Range 27-E	County Eddy
Well Location of Well: 800 feet from the South line and 950 feet from the West line				
Ground Level Elev. 3518.5	Producing Formation	Pool	Dedicated Acreage: Acres	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
October 31, 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 O-1112
Supersedes O-1125
Effective 10-1-68

All distances must be from the outer boundaries of the Section

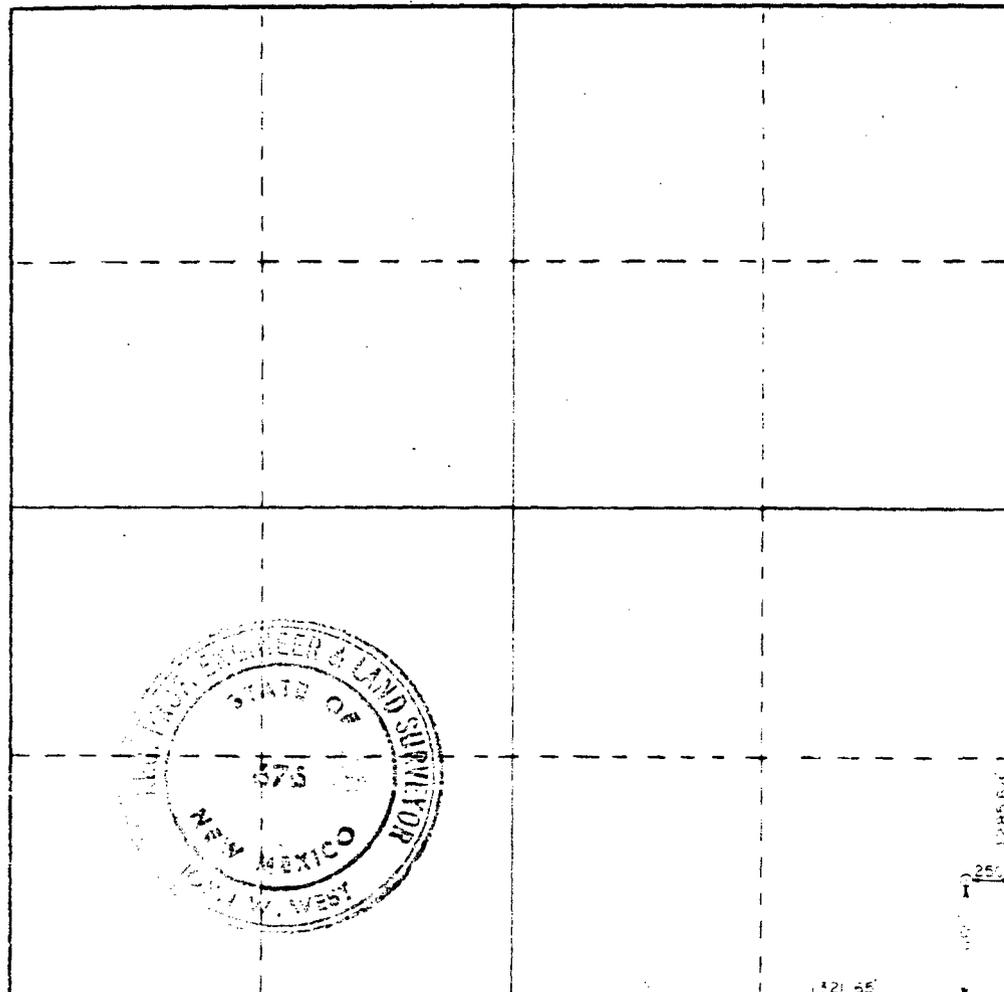
Lease Atlantic Richfield Co.		Empire Abo Unit		L	Section 123
Section D	3	Township 18-S	Range 27-E	County Eddy	
The Location of Well: 660 feet from the South line and 250 feet from the East					
Surface Elev. 3501.4	Producing Formation		Foot		Estimated Acreage

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 1978

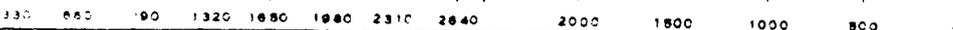
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 31, 1978

Registered Professional Engineer and 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 O-112
Supersedes O-128
Effective 10-65

All distances must be from the outer boundaries of the Section

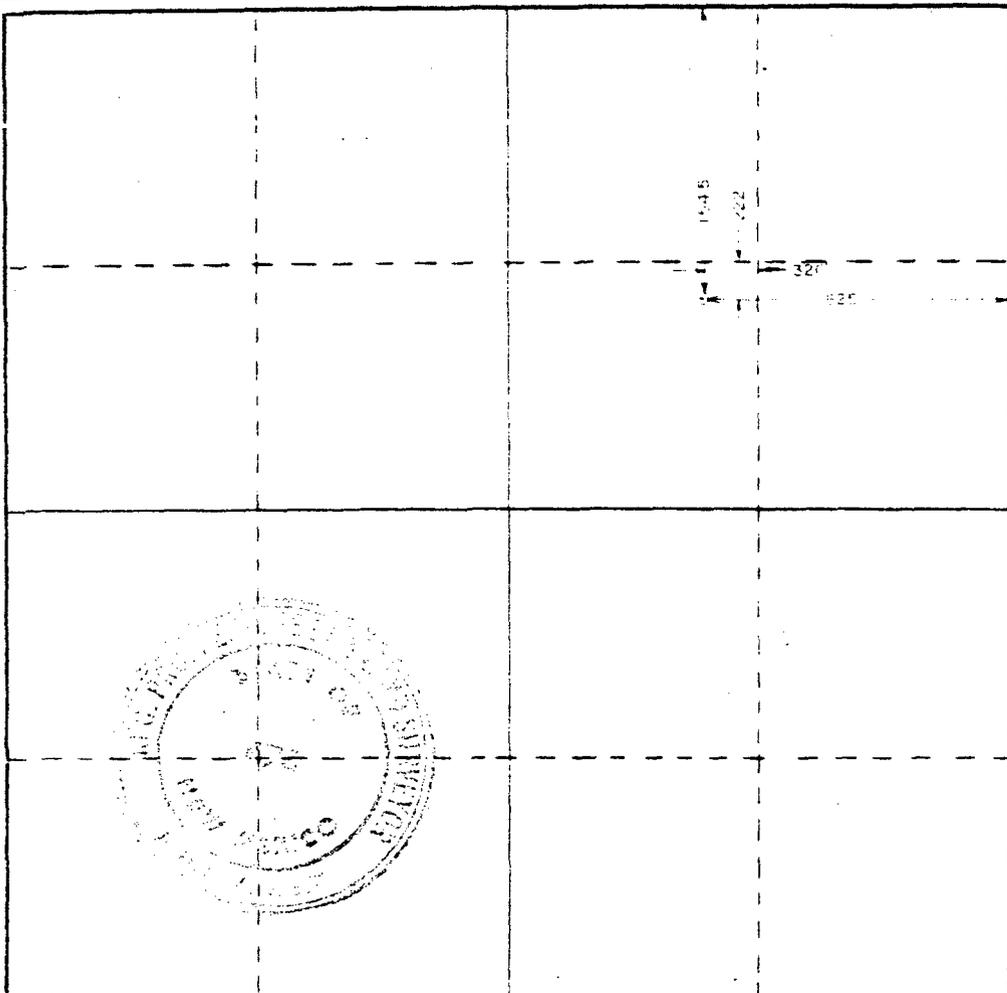
Atlantic Richfield Co.		Empire Abo Unit - F		391	
Section	33	Township	17-S	Range	28-E
County			Eddy		
Location of well:					
1545	feet from the	North	line and	1625	feet from the
Elev.		Producing Formation		Pool	
3680.6				Dedicated Acreage:	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
November 1, 1978

Registered Professional Engineer
and/or Land Surveyor

John W. West

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

130 660 90 1320 1650 1980 2310 2640 2000 1800 1000 800 0

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-1112
Supersedes O-1128
Effective 10-1-75

All distances must be from the outer boundaries of the Section

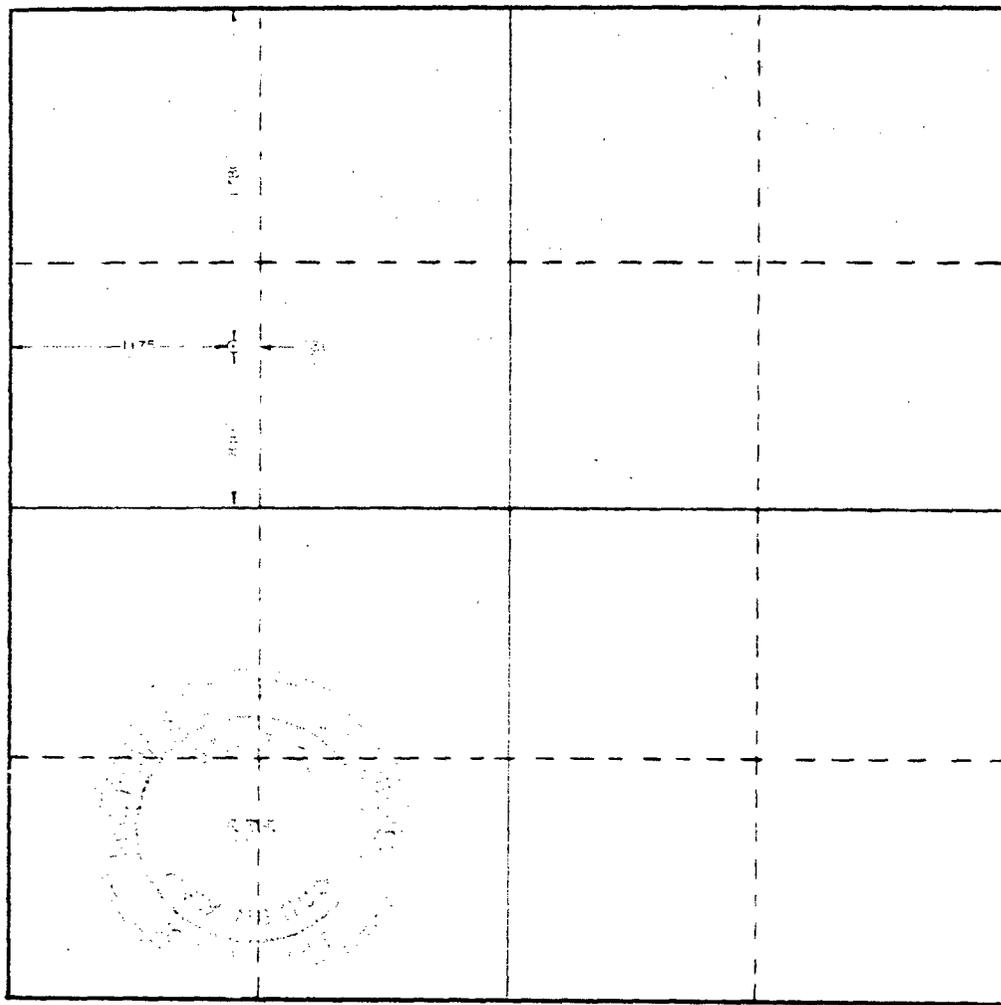
Operator Atlantic Richfield Co.		Lease Empire Abo unit		Well No. F 375	
Section E	Section 35	Township 17-S	Range 28-E	County Eddy	
Actual Wellbore Location of Well:					
1780 feet from the North line and		1175 feet from the West line			
Actual Well Elev. 3691.2	Producing Formation	Pool	Dedicated Acreage: 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

Operations Engineer

Company

Atlantic Richfield Co.

Date

November 16, 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

October 26, 1978

Registered Professional Engineer and/or Land Surveyor

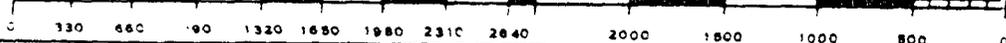
John W. West

Certificate No. **John W. West**

676

Ronald J. Eidson

3239



**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-101
Supersedes O-128
Effective 12-85

All distances must be from the outer boundaries of the Section

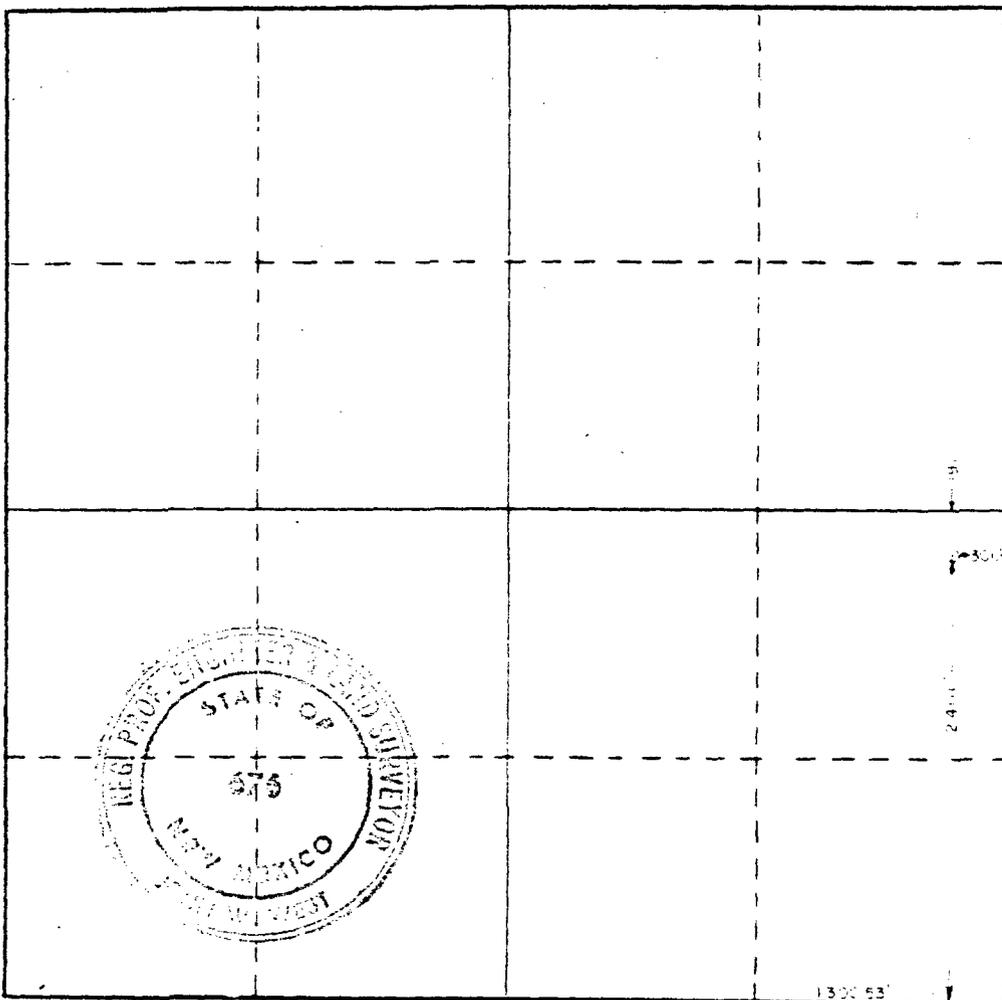
Lessee Atlantic Richfield Co.			Lease Empire Abo Unit G		Well No. 361
Section 34	Township 17-S	Range 28-E	County Eddy		
Annual Acreage Location of Well: 2400 feet from the South line and 300 feet from the East line					
Ground Level Elev. 3670.5	Producing Formation	Pool	Dedicated Acreage: Acres		

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 Co.

Date
November 16, 1978

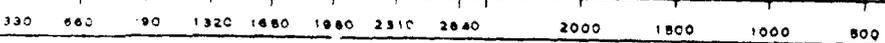
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 28, 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 O-100
Supersedes O-100
Effective 10-1-75

All distances must be from the outer boundaries of the Section

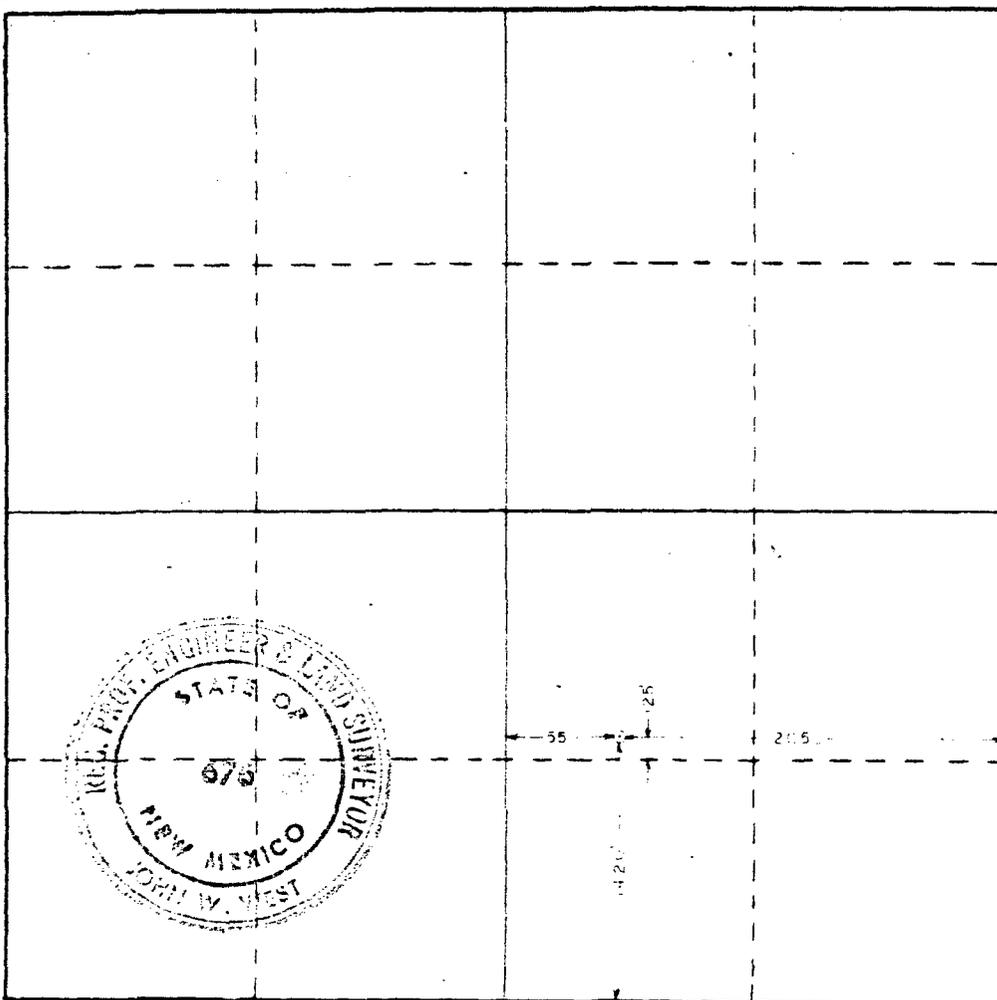
Owner Atlantic Richfield Co.		Lease Empire Abo Unit		Well No. G 353	
Section J	Section 34	Township 17-S	Range 28-E	County Eddy	
Section Contage Location of Well: 1420 feet from the South line and 2050 feet from the East line					
Ground Level Elev. 5663.8	Producing Formation	Pool	Dedicated Acreage		

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 1978

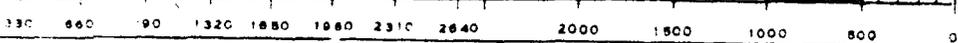
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 28, 1978

Registered Professional Engineer and 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 O-102
Supersedes O-126
Effective 1-1-65

All distances must be from the outer boundaries of the Section

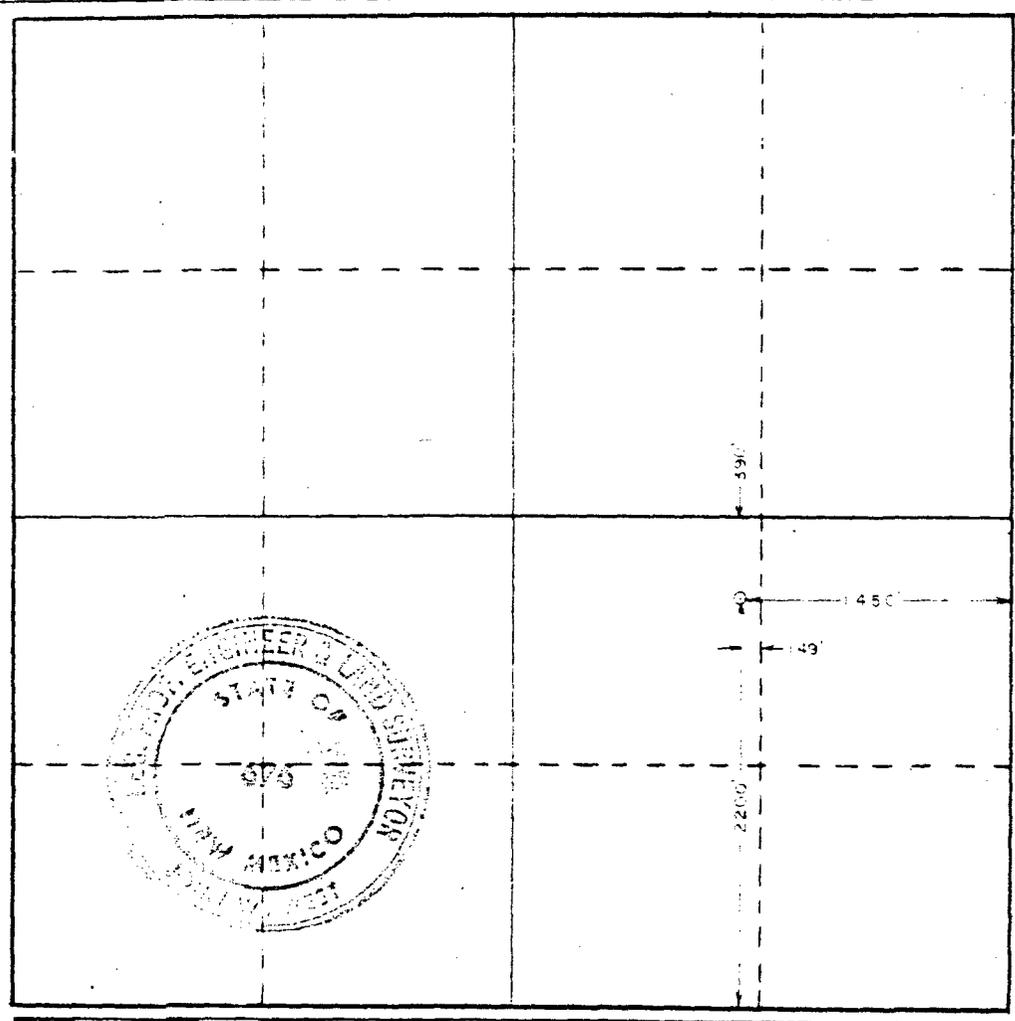
Lessee Atlantic Richfield Co.		Lease Empire Abo Unit		Well No. G 352
Section J	Section 34	Township 17-S	Range 28-E	County Eddy
Approximate Location of Well: 2200 feet from the South line and 1450 feet from the East line				
Ground Level Elev. 3662.2	Producing Formation	Pool	Dedicated Acreage	

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.

Name I. J. Natour

Position Operations Engineer

Company Atlantic Richfield Co.

Date November 16, 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 October 28, 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 O-10-12
Superseded Edition
Effective 1-1-65

All distances must be from the outer boundaries of the Section

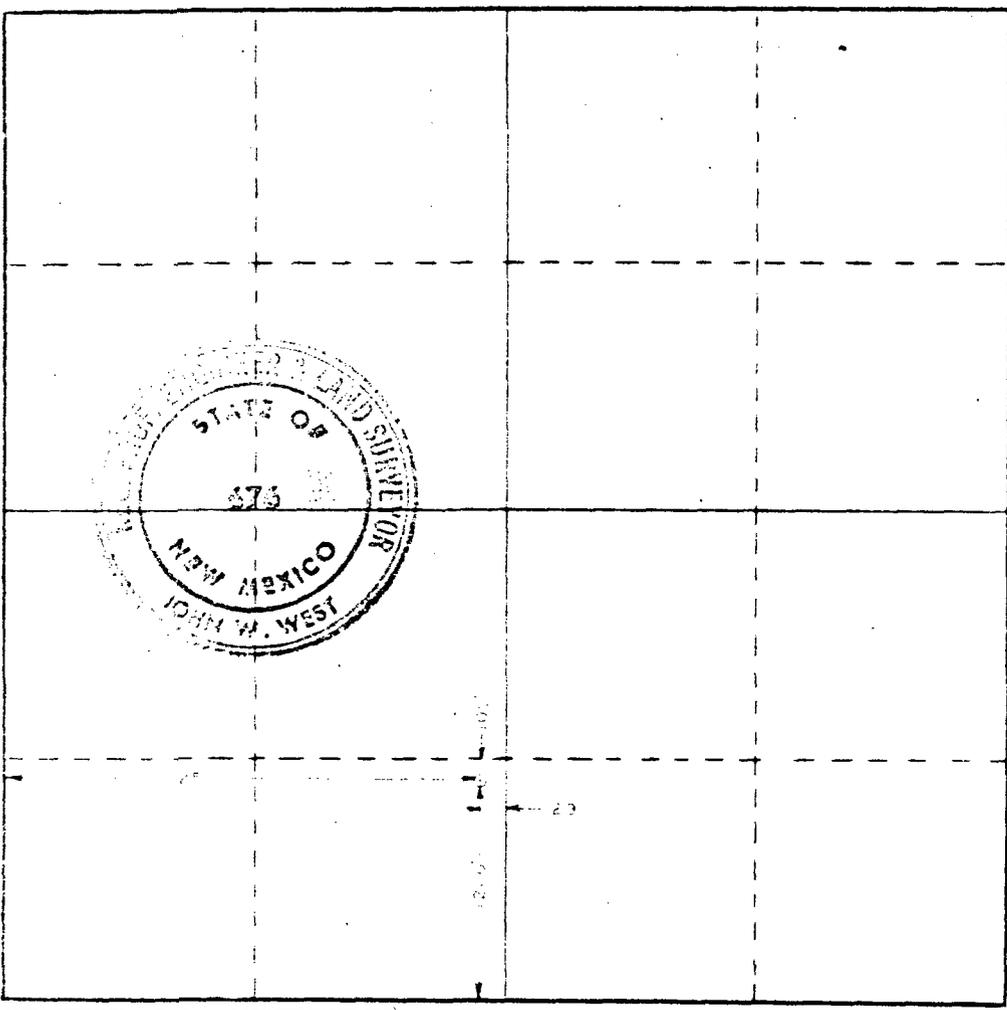
Atlantic Richfield Co.		Lease Empire Abo Unit H		Acres 341
N	34	Township 17-S	Range 28-E	County Eddy
1200 feet from the South		line and	2500 feet from the West	
Well Flow	Producing Formation	Pool	Dedicated Acreage	
3660.9				

- 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.

J. J. Natour
Name

J. J. Natour
Position

Operations Engineer
Company

Atlantic Richfield Co.
Title

November 16, 1978
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
October 30, 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

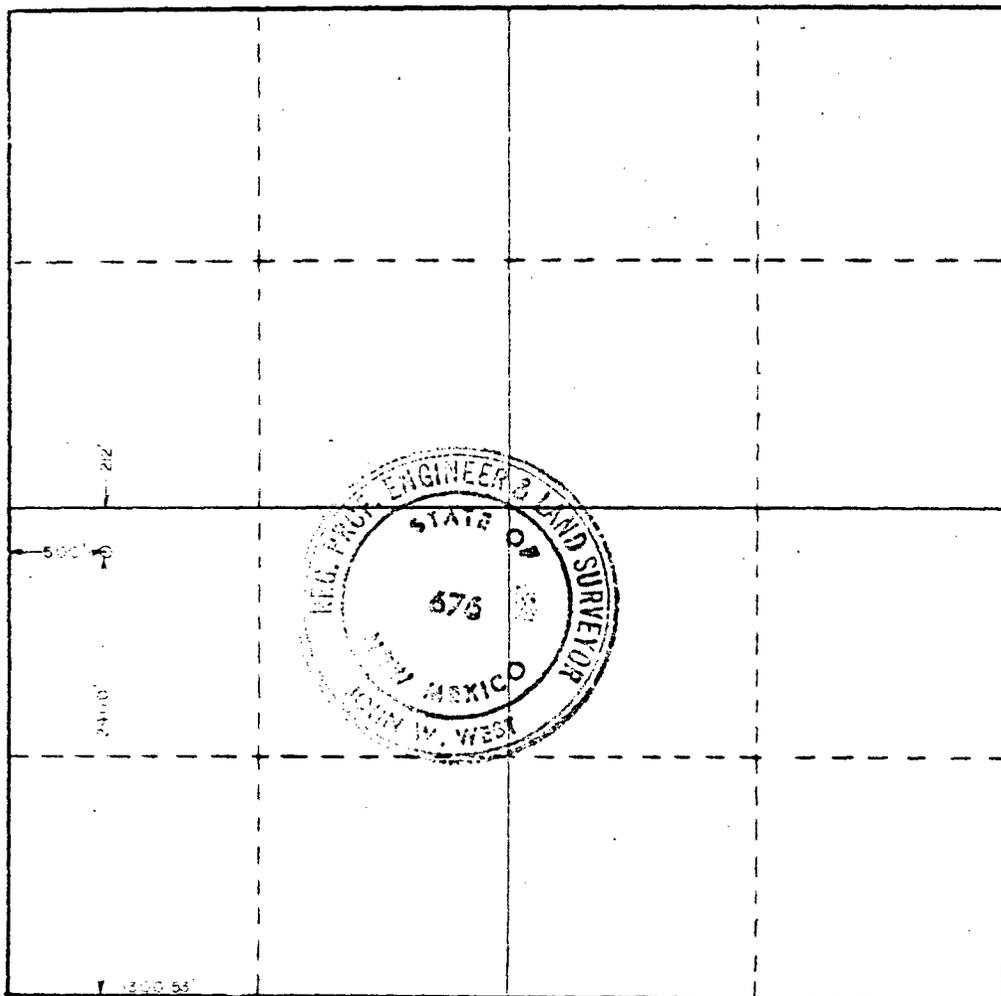
Lessor Atlantic Richfield Co.		Lease Empire Abo Unit G		Well No. 334
Section L	Section 34	Township 17-S	Range 28-E	County Eddy
Approximate Location of Well: 2400 feet from the South line and 500 feet from the West line				
Ground Level Elev. 3661.4	Producing Formation	Pool	Dedicated Acreage: Acres	

- 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.

L. J. Natour
Name

L. J. Natour
Position

Operations Engineer
Company

Atlantic Richfield Co.
Date

November 16, 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
October 25, 1978

Registered Professional Engineer and/or Land Surveyor

John W. West

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



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Revised 12/1/77
E.O. 12812-2

All distances must be from the outer boundaries of the Section

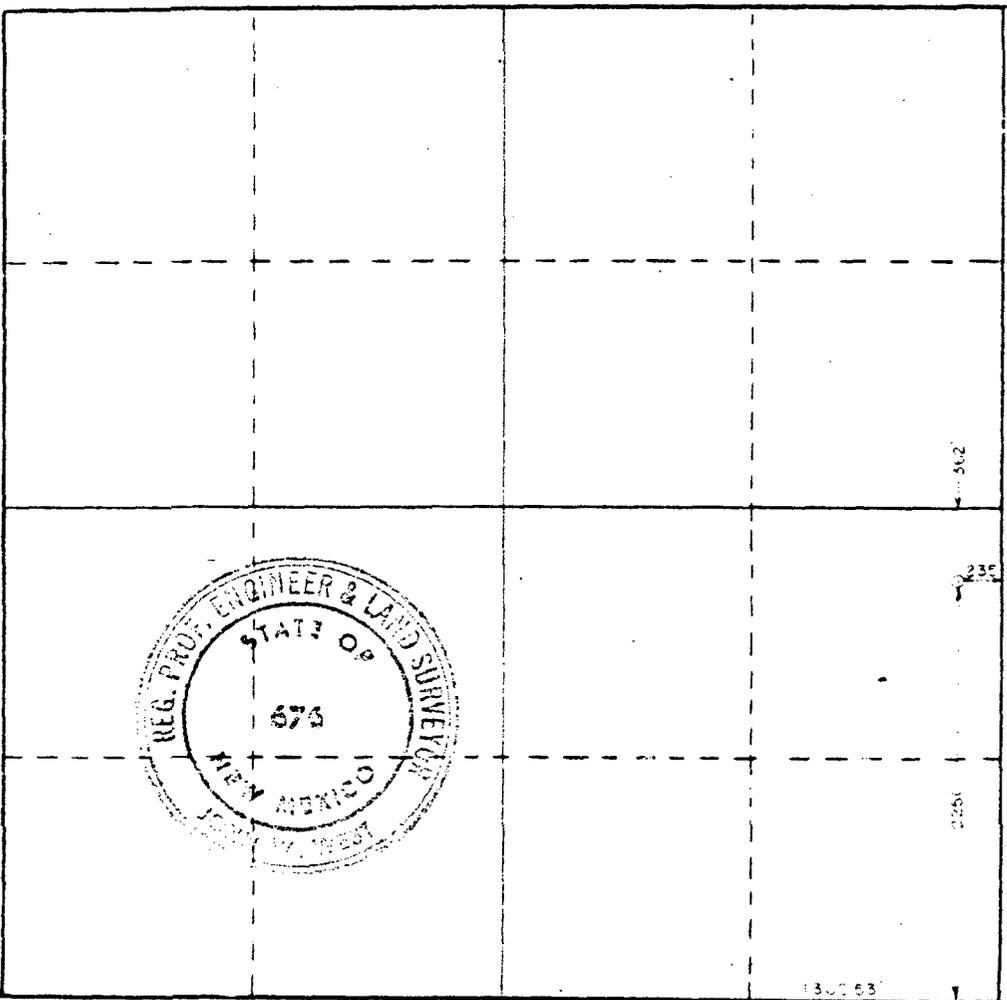
Lessee Atlantic Richfield Co.		Lease Empire Abo Unit		G		**324	
Section 33	Township 17-S	Range 28-E	County Eddy				
Location of well: 2250 feet from the South line and 235 feet from the East line							
Ground Level Elev 3662.3	Producing Formation		Pool		Designated Address		

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 Co.

Date
November 16, 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
October 25, 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-109
Effective 1-1-65

All distances must be from the outer boundaries of the Section

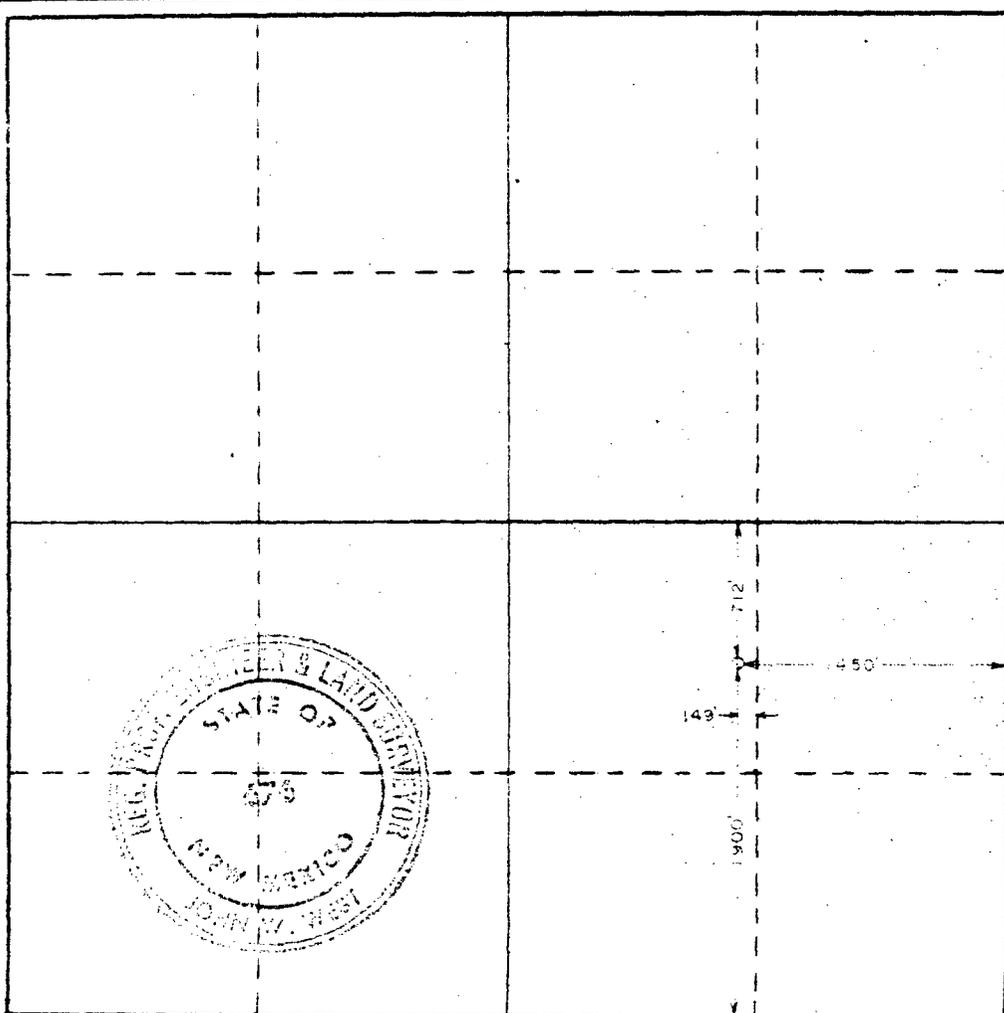
Operator Atlantic Richfield Co.		Lease Empire Abo Unit		G	Well No. 315
Section J	Section 33	Township 17-S	Range 28-E	County Eddy	
Location of Well: 1900 feet from the South line and 1450 feet from the East line					
Surface Elev. 2662.6	Producing Formation		Pool	Dedicated Acreage:	

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 Co.

Date
November 16, 1978

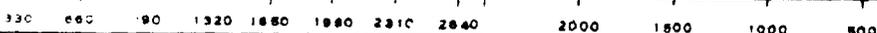
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 25, 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 O-101
Supersedes O-128
Effective 1-65

All distances must be from the outer boundaries of the Section

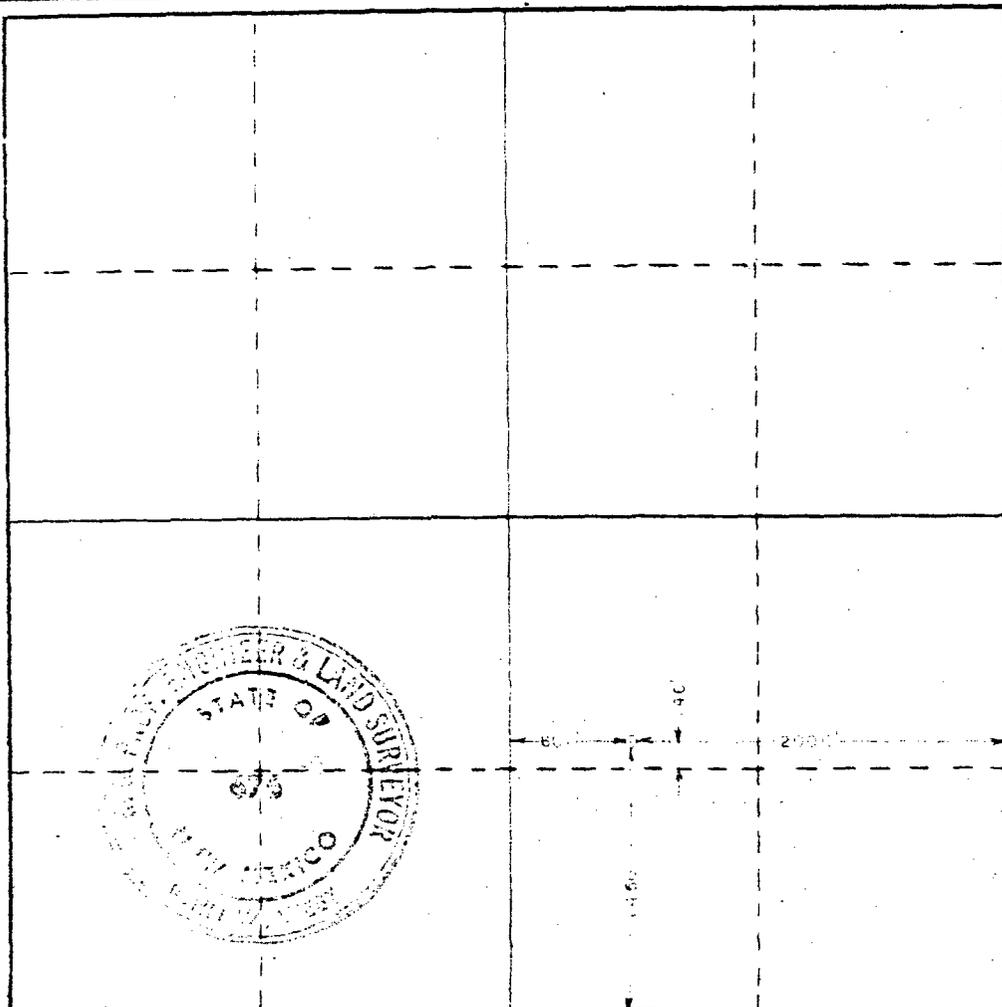
Atlantic Richfield Co.		Lease Empire Abo Unit		G	314
Section 33	Township 17-S	Range 28-E	County Eddy		
Well Location of Well: 1450 feet from the South line and 2000 feet from the East line					
Well Level Elev. 3661.7	Producing Formation		Pool	Dedicated Acreage	

- 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.

L. J. Natour
Name

L. J. Natour
Position

Operations Engineer
Company

Atlantic Richfield Co.
Date

November 16, 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
October 25, 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 No. 1
Supersedes O.C.C. Form No. 1
Effective 1-1-77

All distances must be from the outer boundaries of the Section

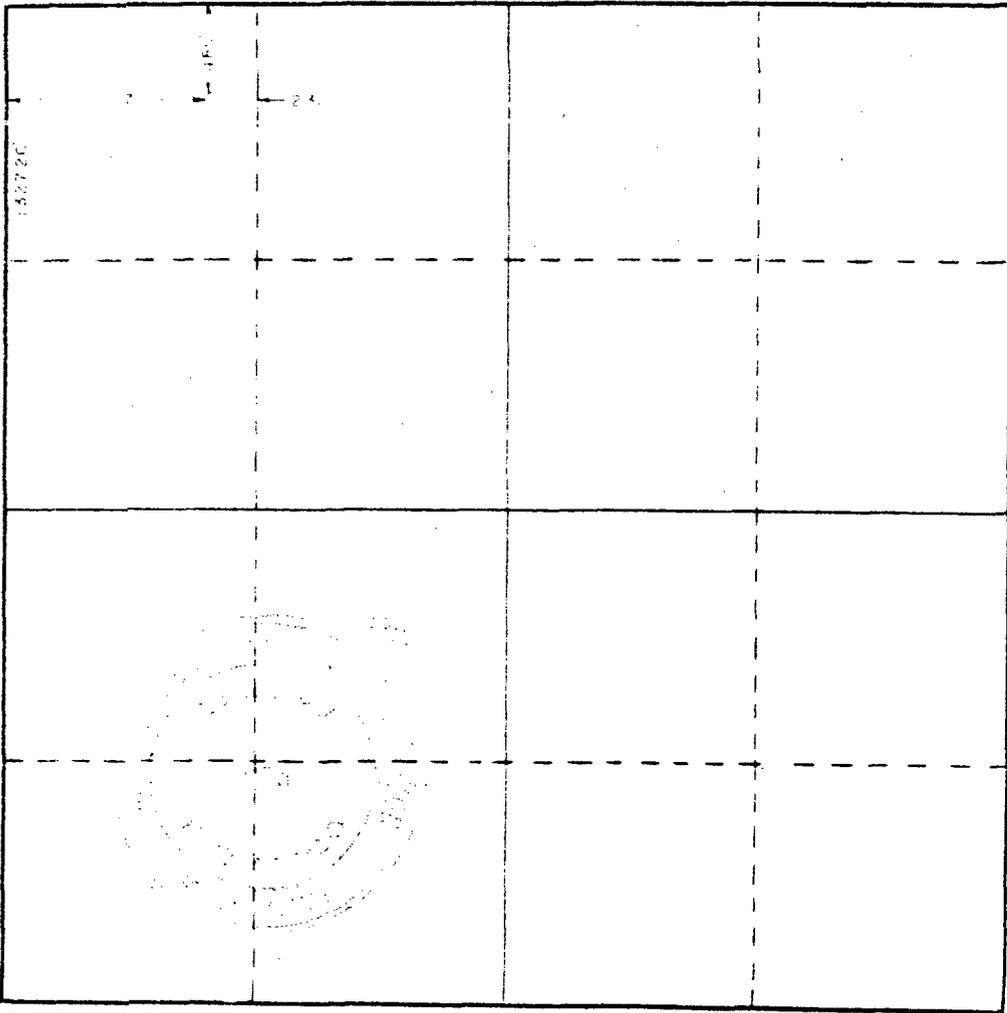
Owner Atlantic Richfield Co.		Lease Empire Abo Unit 1		Area 292	
Section D	Section 4	Township 18-S	Range 28-E	County Eddy	
Approximate Location of Well: 485 feet from the North line and 1070 feet from the West line					
Drainage Area (Acres) 3663.6	Producing Formation		Producing		Destination

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.

L. J. Natour
Name

L. J. Natour
Position

Operations Engineer
Company

Atlantic Richfield Co.
Date

November 16, 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
October 30, 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 O-112
Supersedes O-128
Effective 1-1-55

All distances must be from the outer boundaries of the Section

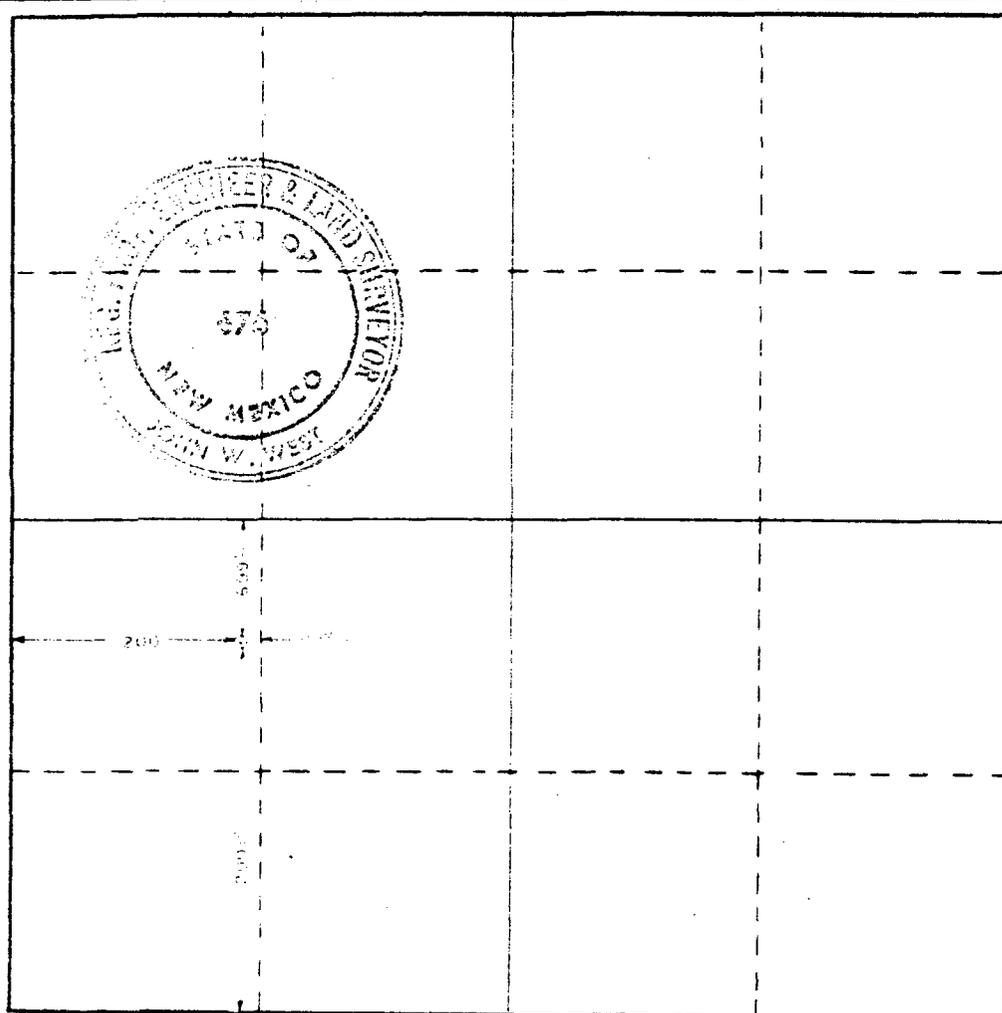
Lessor Atlantic Richfield Co.		Lease Empire Abo Unit - G		Well No. 291
Section L	Section 33	Township 17-S	Range 28-E	County Eddy
Name Location of Well: 2000 feet from the South line and 1200 feet from the West line				
Well Level Elev. 3655.7	Producing Formation	Pool	Dedicated Acreage: Acres	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
October 29, 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 O-102
Supersedes O-101
Effective 10-1-65

All distances must be from the outer boundaries of the Section

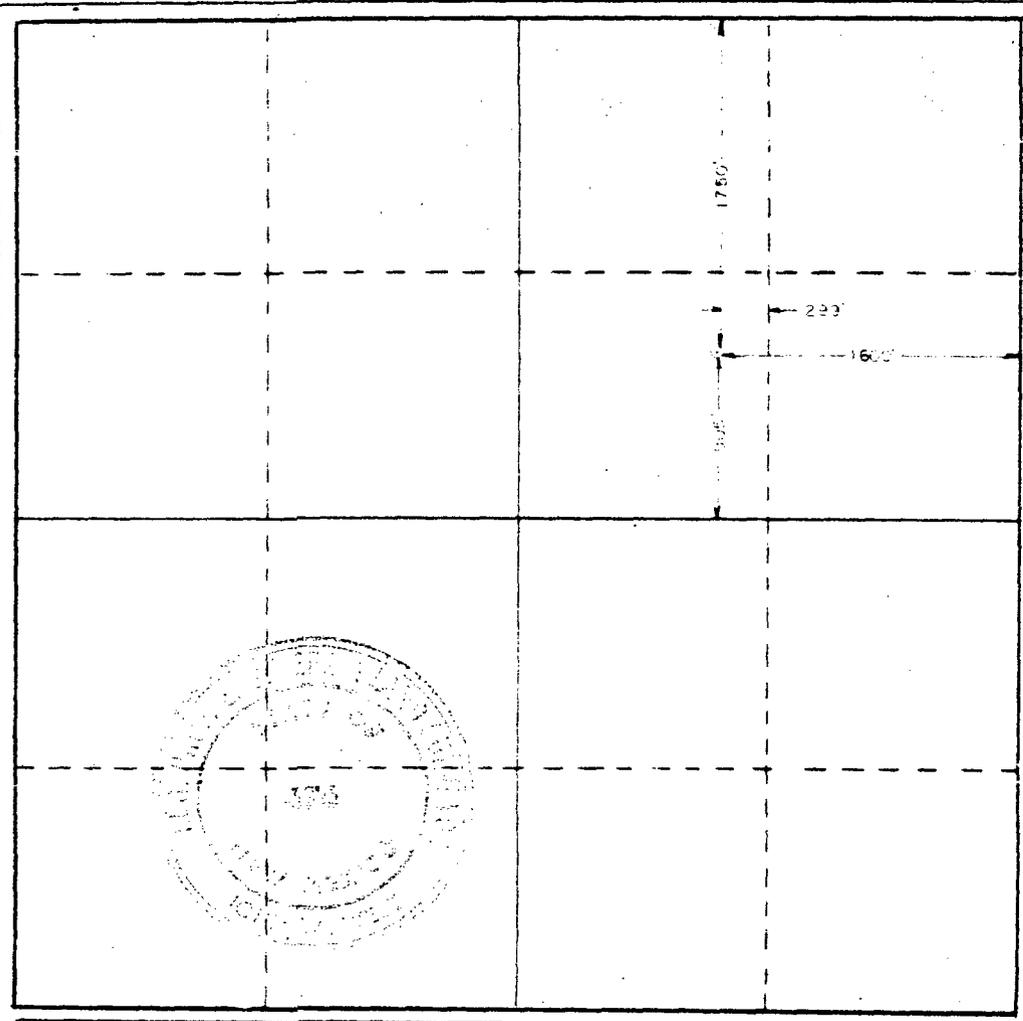
Atlantic Richfield Co.		Lease Empire Abo Unit - J		Well No. 235	
Section G	Section 6	Township 18-S	Range 28-E	County Eddy	
Approximate Location of Well: 1750 feet from the North line and 1600 feet from the East line					
Ground Level Elev. 3672.9	Producing Formation	Pool	Dedicated Acreage:		Acres

- 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

Operations Engineer
Company
Atlantic Richfield Co.

Date
November 16, 1978

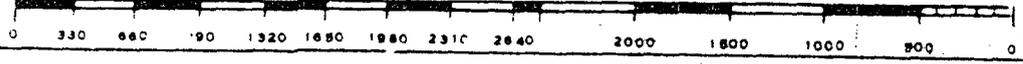
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 3, 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 O-112
Supersedes O-112
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Lessee Atlantic Richfield Co.		Lease Empire Abo Unit		K		Well No. 161	
Section 2	Township 16-S	Range 27-E	County Eddy				
Approximate Location of Well: 1310 feet from the South line and 590 feet from the East line							
Surface Elev. 5538.7	Stratigraphic Formation		Pool	Dedicated Acreage			

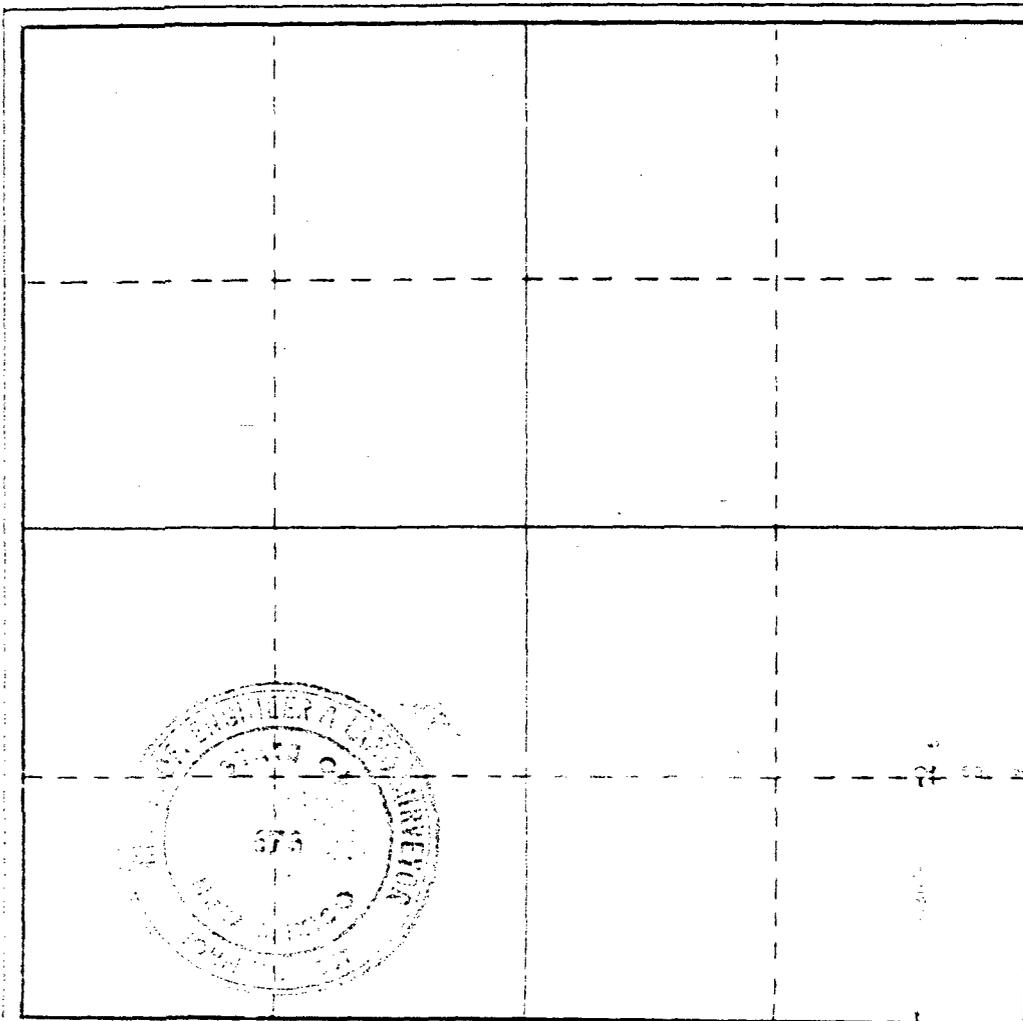
- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated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

Unitization

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
Name

I. J. Natour
Position
Operations Engineer

Company
Atlantic Richfield Co.,

Date
November 16, 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
October 31, 1978

Registered Professional Engineer and or Land Surveyor

John W. West

Certificate No. John W. West 676
Ronald J. Fildson 3270

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form No. 1
Supersedes O-1-1
Effective 1-1-78

All distances must be from the outer boundaries of the Section

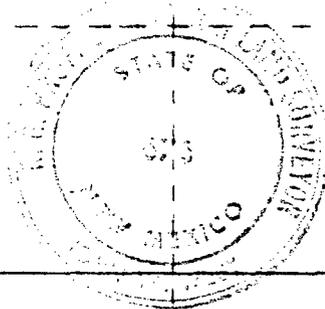
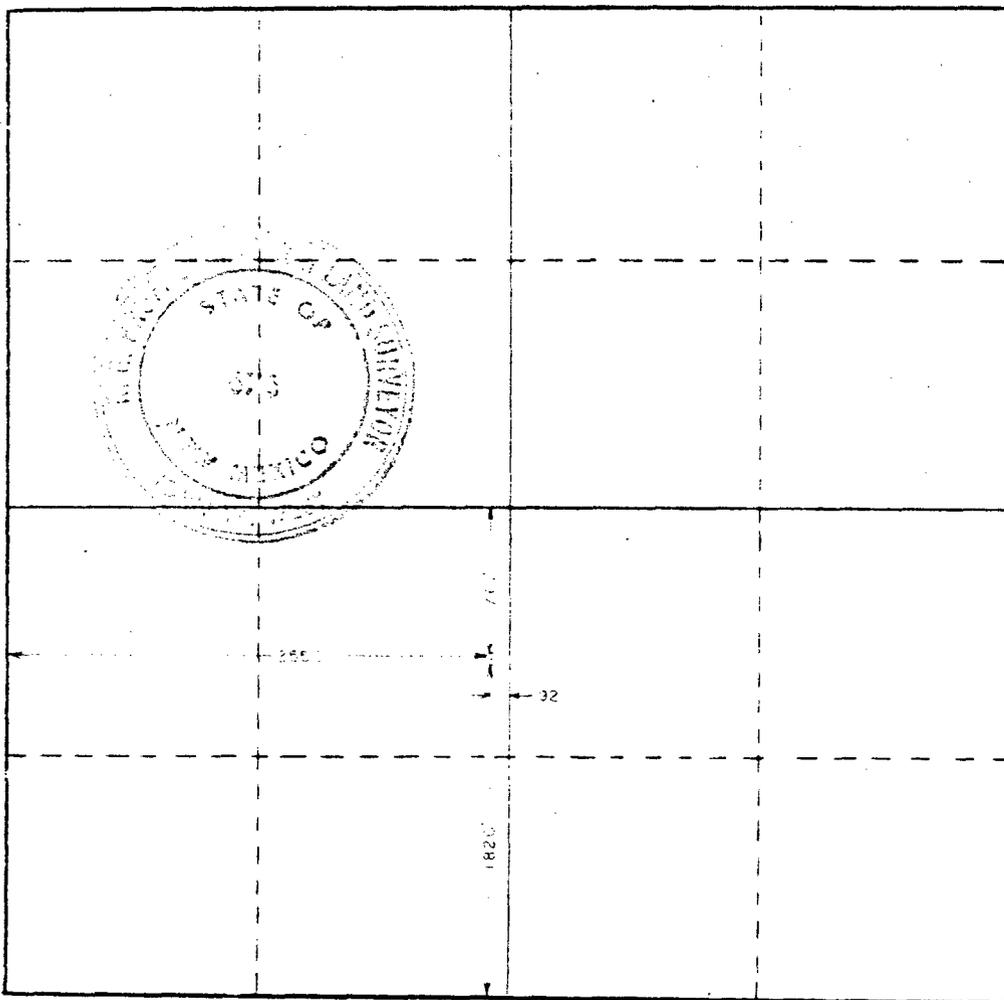
Operator Atlantic Richfield Co.		Lease Empire Aco Unit		K	Area 143
Tract Number K	Section 2	Township 19-S	Range 27-E	County Eddy	
A. Location of the location of well: 1820 feet from the South line and 2550 feet from the West line					
Surface Level Elev. 3523.0	Producing Formation	Pool	Dedicated Acreage		

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
October 31, 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 700-10
Supersedes former
Effective 1-1-78

All distances must be from the outer boundaries of the Section

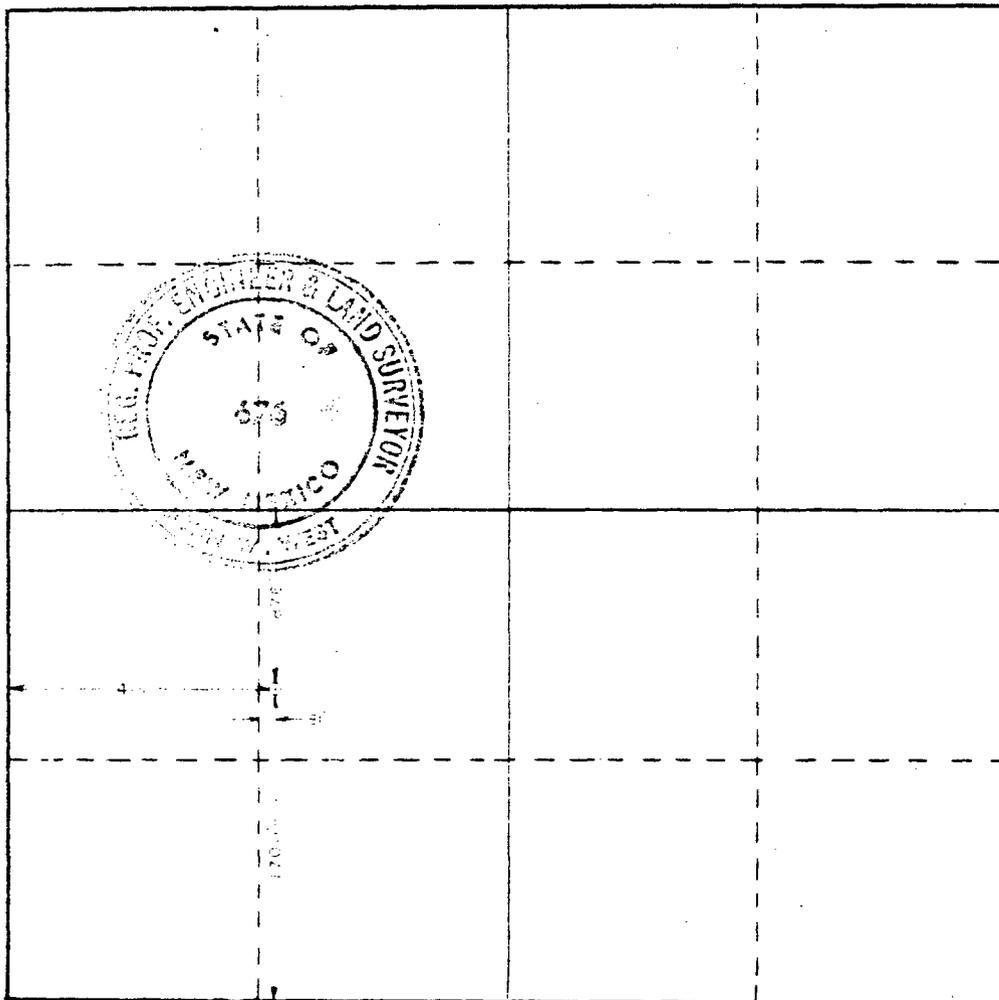
Operator Atlantic Richfield Co.		Lease Empire Abo Unit K		Section 142	
Tract K	Section 2	Township 18-S	Range 27-E	County Eddy	
Locate the well location of Well: 1700 feet from the South line and 1400 feet from the West line					
Ground Level Elev. 3523.4	Producing Formation	Pool	Dedicated Acreage		Acres

- 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.

J. J. Natour
Name

I. J. Natour
Position

Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
October 31, 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 O-101
Supersedes O-100
Effective 1-1-65

All distances must be from the outer boundaries of the Section

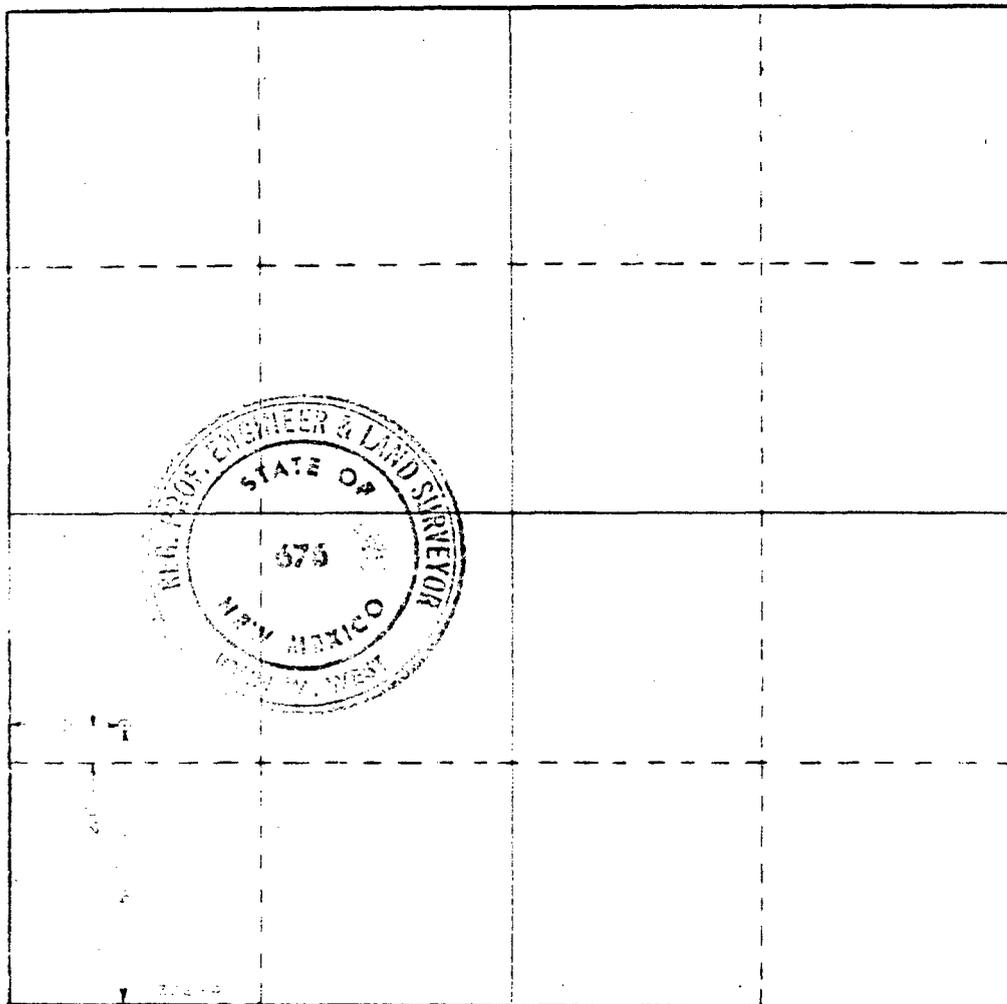
Lessee Atlantic Richfield Co.		Lease Empire Abo Unit K		Acres 181
Section 2	Township 18-S	Range 27-E	County Eddy	
Well Location of Well: 1500 feet from the South line and 600 feet from the West line				
Well Elev. 3517.0	Producing Formation	Pool	Designated Area	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
October 31, 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 O-132
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

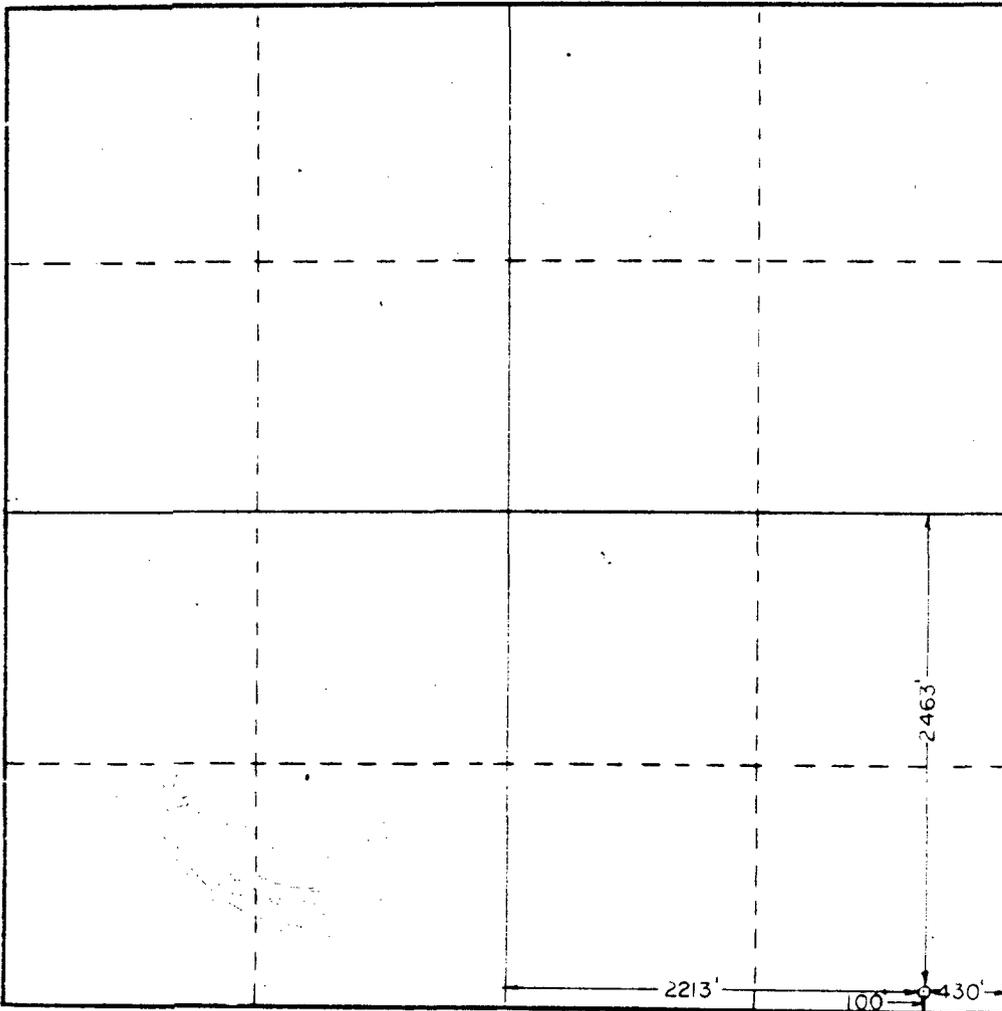
Operator Atlantic Richfield Co.		Lease Empire Abo Unit # L		Well No. 122
Section P	Section 3	Township 18 South	Range 27 East	County Eddy
Actual Well Location of Well: 100 feet from the South line and 430 feet from the East line				
Ground Level Elev. 3521.4	Producing Formation	Pool	Dedicated Acreage Acres	

- 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 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 Co.

Date
November 16, 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 17, 1978

Date Surveyed

Registered Professional Engineer and 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 O-102
Supersedes O-126
Effective 1-1-65

All distances must be from the outer boundaries of the Section

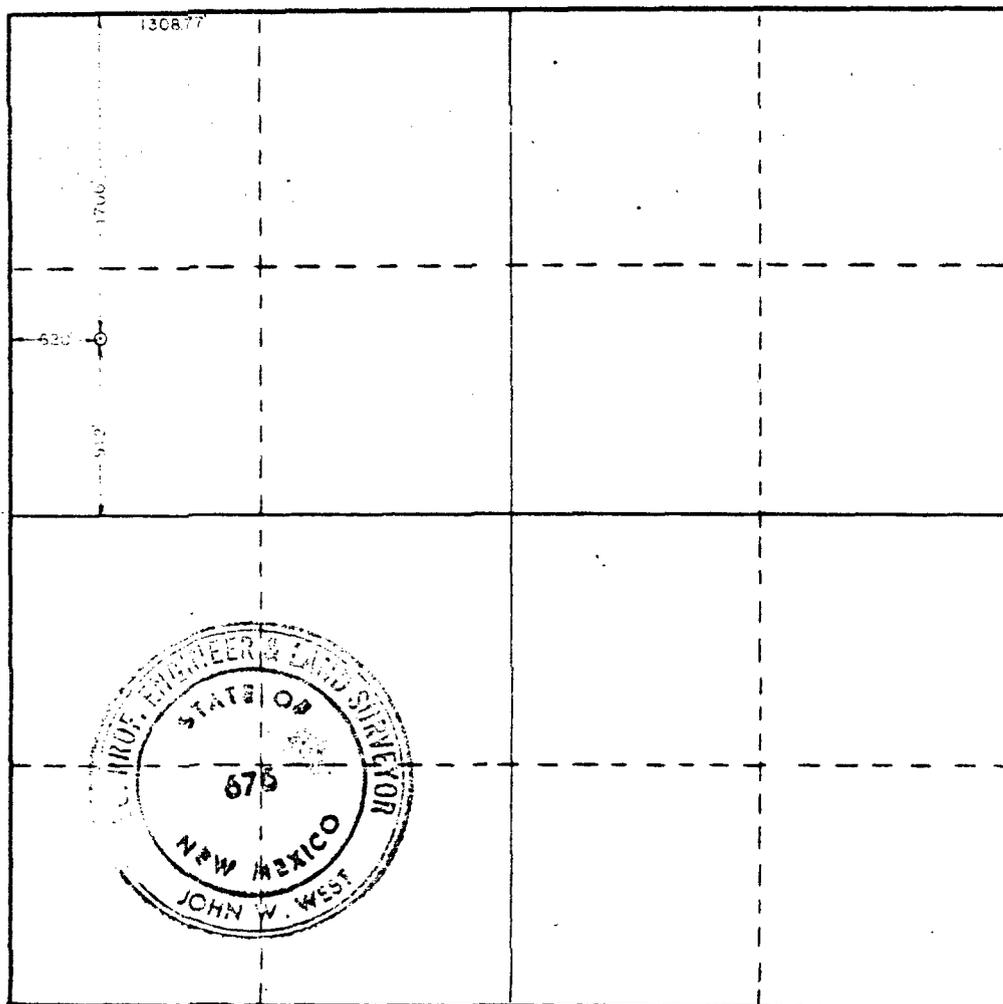
Lessee Atlantic Richfield Co.		Lease Empire Abo Unit		F	Well No. 334
Section Letter E	Section 34	Township 17-S	Range 28-E	County Eddy	
Actual Footage Location of Well:					
1700 feet from the North line and		620 feet from the West line			
Ground Level Elev. 3674.8	Producing Formation	Pool	Dedicated Acreage: 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, force-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 Co.

Date
November 16, 1978

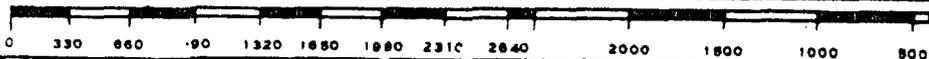
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 25, 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 O-112
Supersedes O-128
Effective 1-1-55

All distances must be from the outer boundaries of the Section

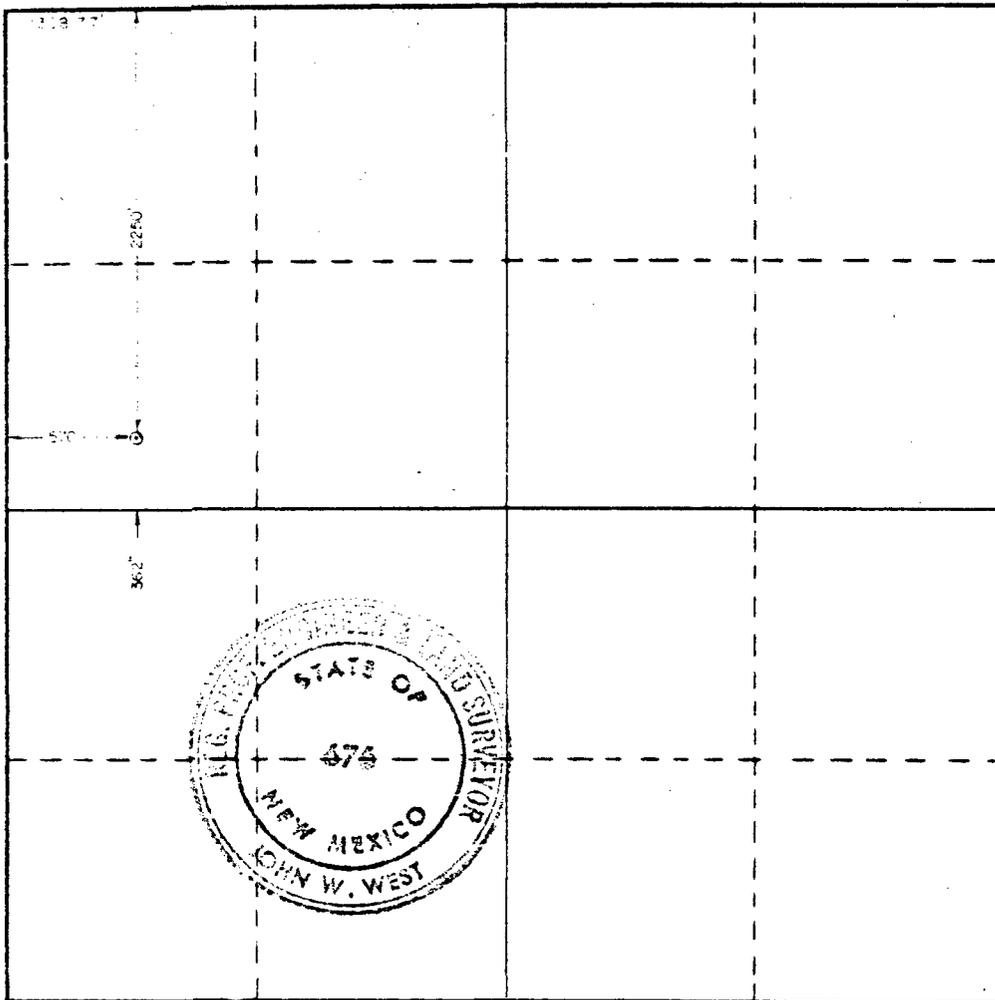
Lessor Atlantic Richfield Co.		Lease Empire Abo Unit		F		Well No. 335	
Section Letter E	Section 34	Township 17-S	Range 28-E	County Eddy			
Actual Well Location of Well: 2250 feet from the North line and 570 feet from the West line							
Ground Level Elev. 3664.3	Producing Formation		Pool		Dedicated 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

Operations Engineer
Company

Atlantic Richfield Co.,
Date

November 16, 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
October 25, 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 O-101
Supersedes O-124
Effective 1-1-85

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

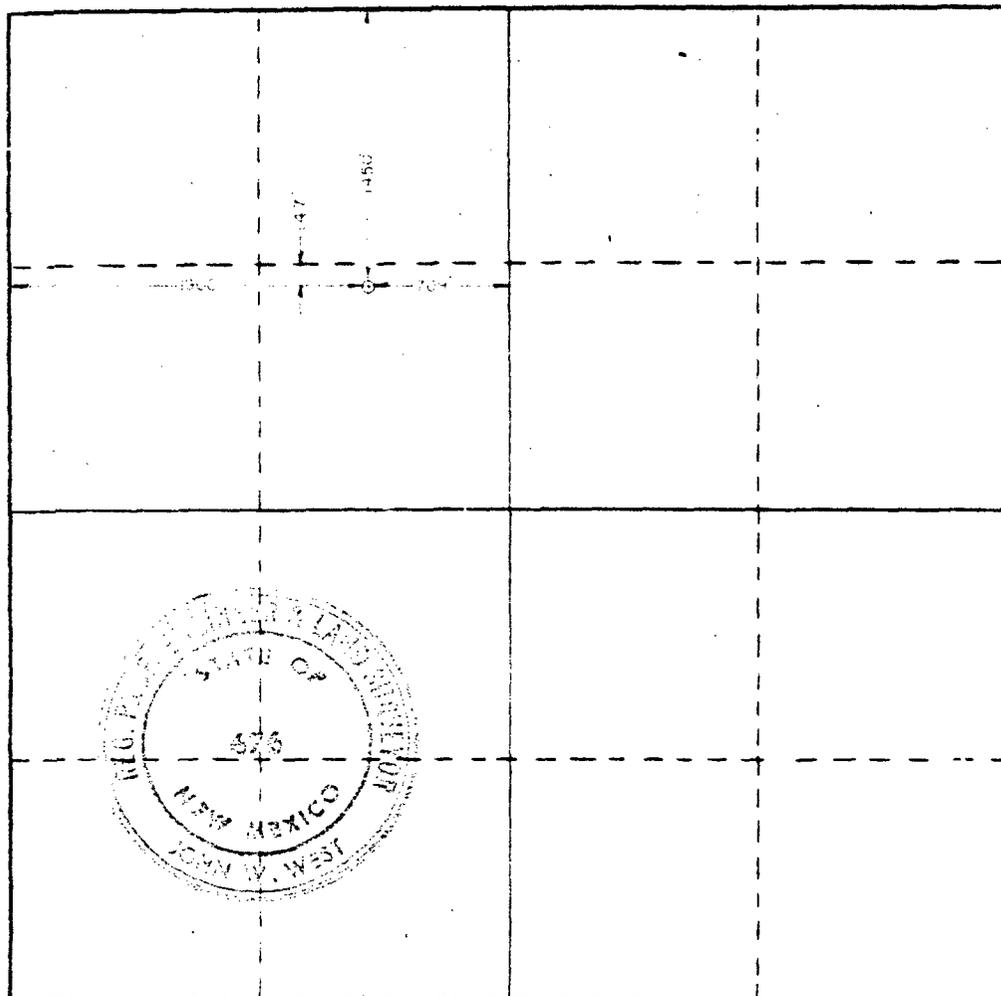
Operator Atlantic Richfield Co.		Lease Empire Abo Unit		F	Well No. 342
Tract Letter F	Section 34	Township 17-S	Range 28-E	County Eddy	
Actual Footage Location of Well: 1450 feet from the North line and 1900 feet from the West line					
Ground Level Elev. 3672.1	Producing Formation	Pool	Dedicated Acreage: 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

Operations Engineer

Company

Atlantic Richfield Co.

Date

November 16, 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

October 25, 1978

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

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

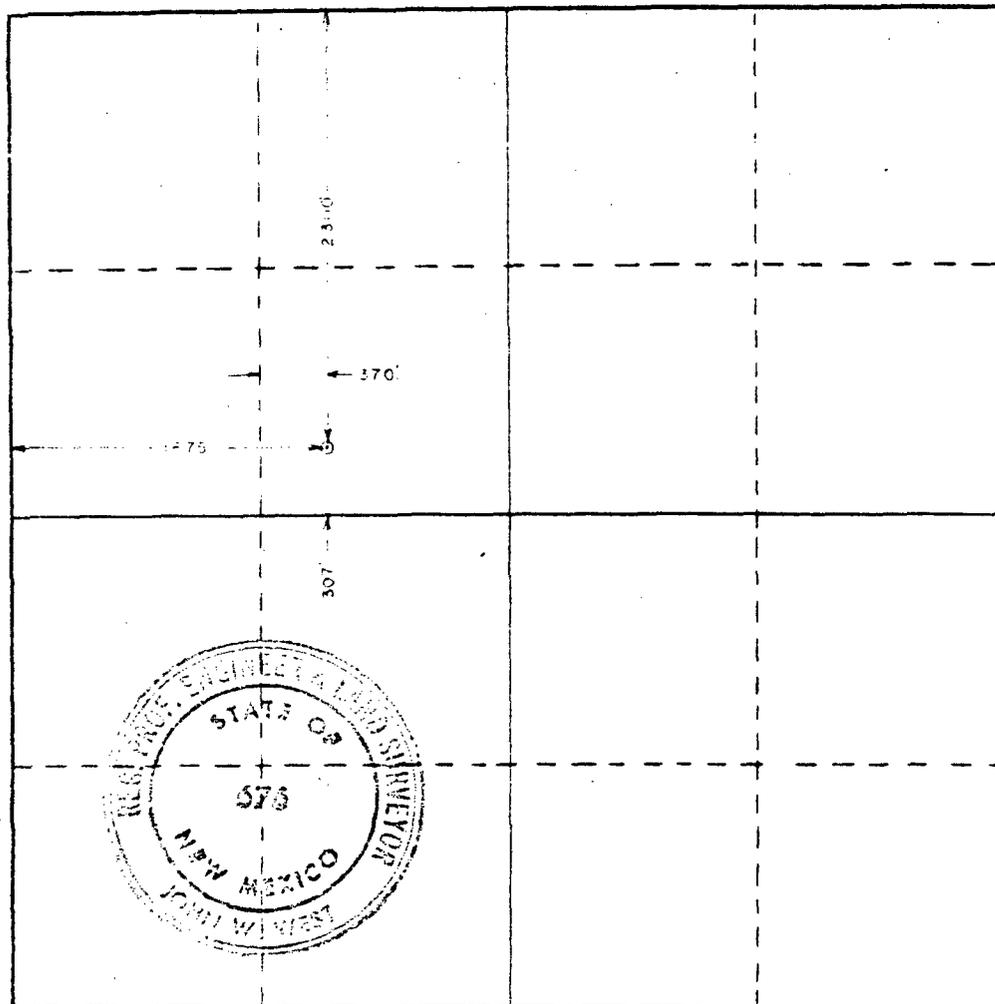
Operator Atlantic Richfield Co.			Lease Empire Abo Unit		Well No. F 343
Section F	Section 34	Township 17-S	Range 28-E	County Eddy	
Actual Footage Location of Well: 2300 feet from the North line and 1675 feet from the West line					
Ground Level Elev. 3662.2	Producing Formation		Pool	Dedicated Acreage: 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.

Name I. J. Natour
I. J. Natour

Position
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
October 28, 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 1-1977
Supersedes Form
Effective 1-1-78

All distances must be from the outer boundaries of the Section

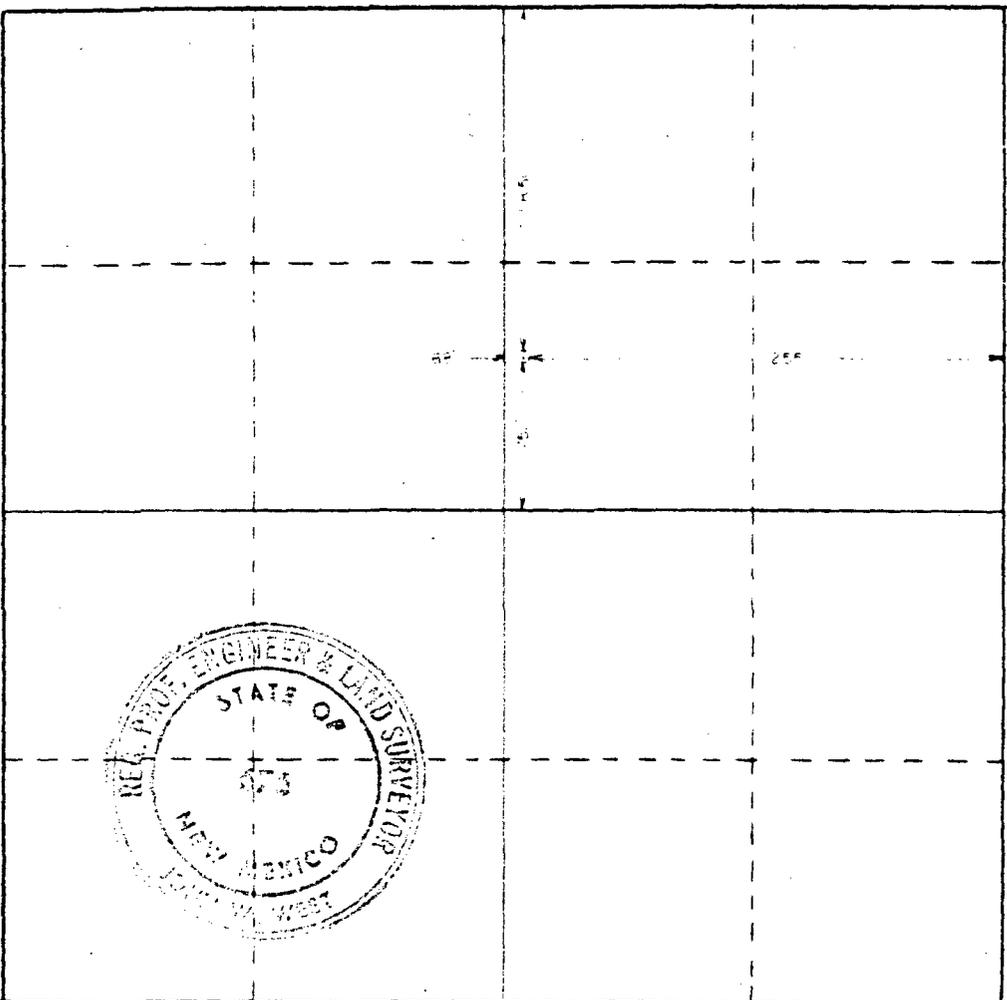
Lessor Atlantic Richfield Co.		Lessee Empire Abo Unit		F	Acres 354
Section G	Section 34	Township 17-S	Range 28-E	County Eddy	
Actual True Location of Well: 1850 feet from the North line and 2550 feet from the East line					
Well Elev. 3666.9	Producing Formation		Pool	Estimated Acreage	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 1978

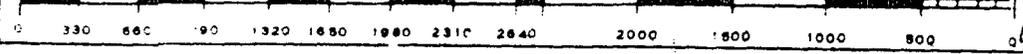
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 28, 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 O-101
Supersedes O-128
Effective 12-1-65

All distances must be from the outer boundaries of the Section

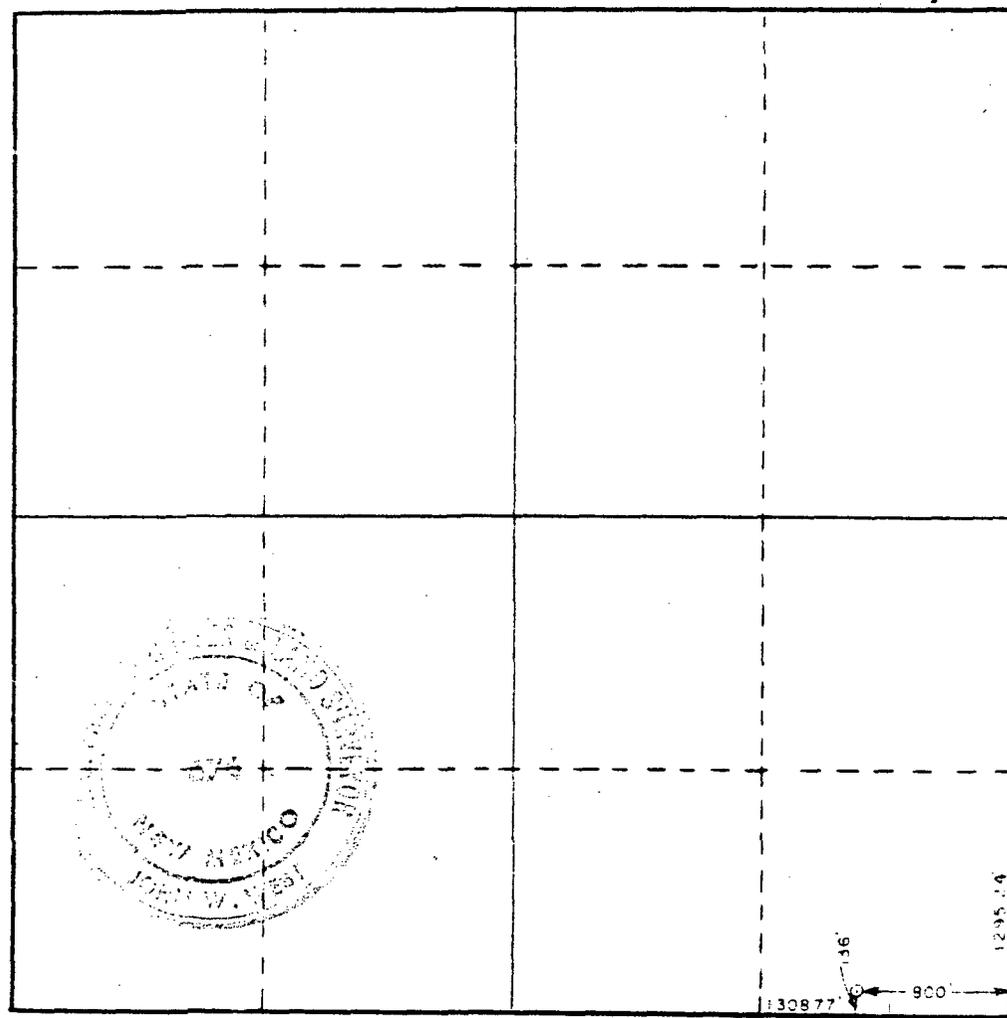
Operator Atlantic Richfield Co.		Lease Empire Abo Unit D			Well No. 361
Section Letter P	Section 27	Township 17 South	Range 28 East	County Eddy	
Actual Location of Well: 136 feet from the South line and 800 feet from the East line					
Ground Level Elev. 3665.5	Producing Formation		Pool	Dedicated Acreage:	

- 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

Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
November 9, 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 No. 1
Supersedes O.C.C. 8
Date Issued 10/27/77

All distances must be from the outer boundaries of the Section

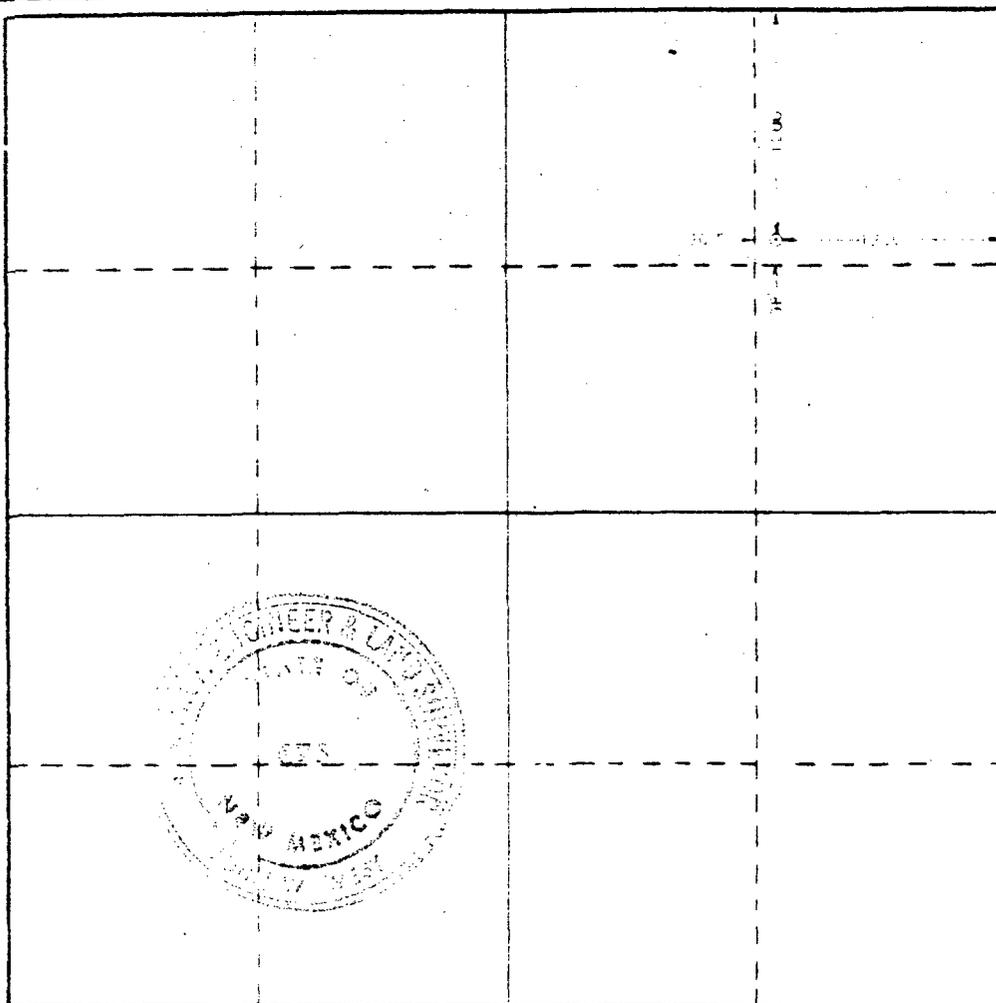
Operator Atlantic Richfield Co.		Lease Empire Abo Unit		Section IE		Well No. 362	
Section A	Section 34	Township 17-S	Range 28-E	County Eddy			
A 100 Feet Location of Well 1200 feet from the North line and 1200 feet from the East line							
Shallowest Elev 3675.9	Producing Formation		Dip		Dedicated Acreage		

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
October 25, 1978

Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No.

John W. West 576
Ronald J. Eideen 3239

330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-128
Effective 10-45

All distances must be from the outer boundaries of the Section

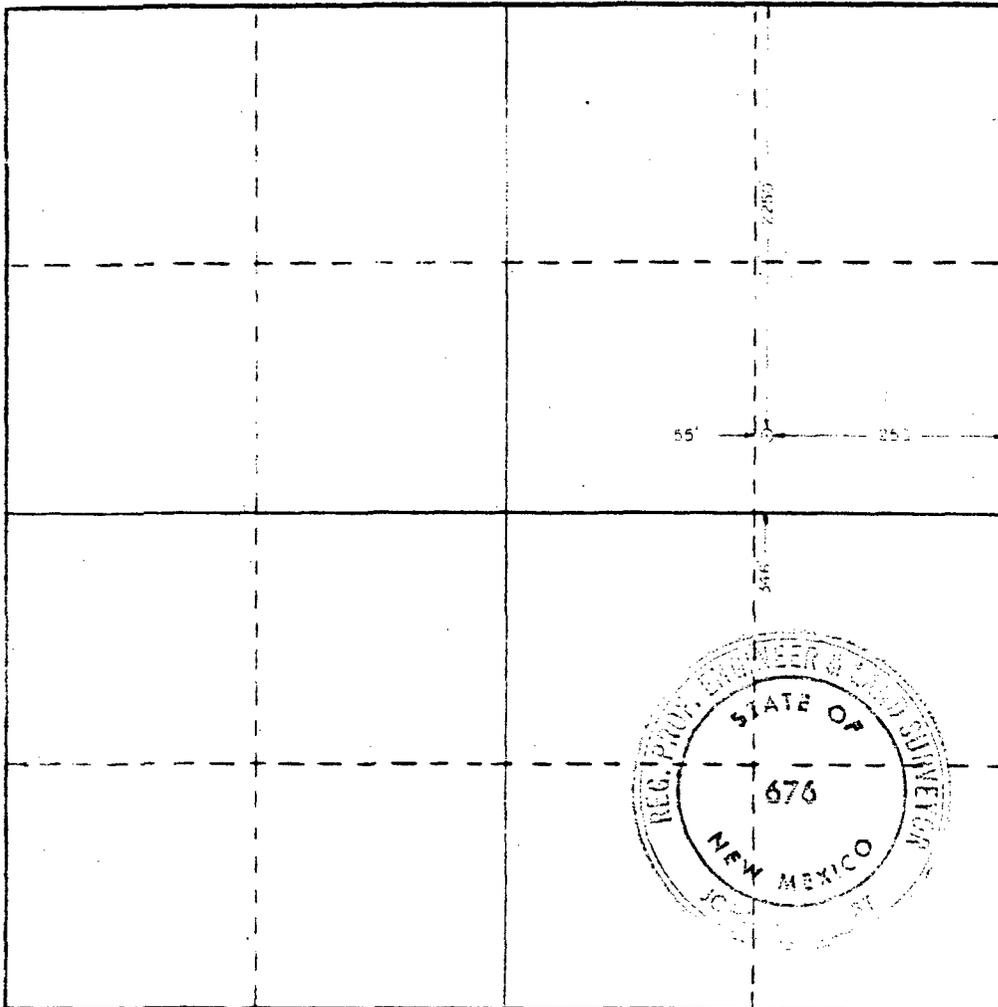
Operator Atlantic Richfield Co.		Lease Empire Abo Unit		Field No. F	Well No. 363
Section H	Section 34	Township 17-S	Range 28-E	County Eddy	
Location of Well: 2250 feet from the North line and 1250 feet from the East line					
Well Depth (Feet) 3663.3	Producing Formation	Pool	Dedicated Acreage: Area		

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 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

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 2000 1800 1600 1400 1200 1000 800

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-128
Effective 10-65

All distances must be from the outer boundaries of the Section

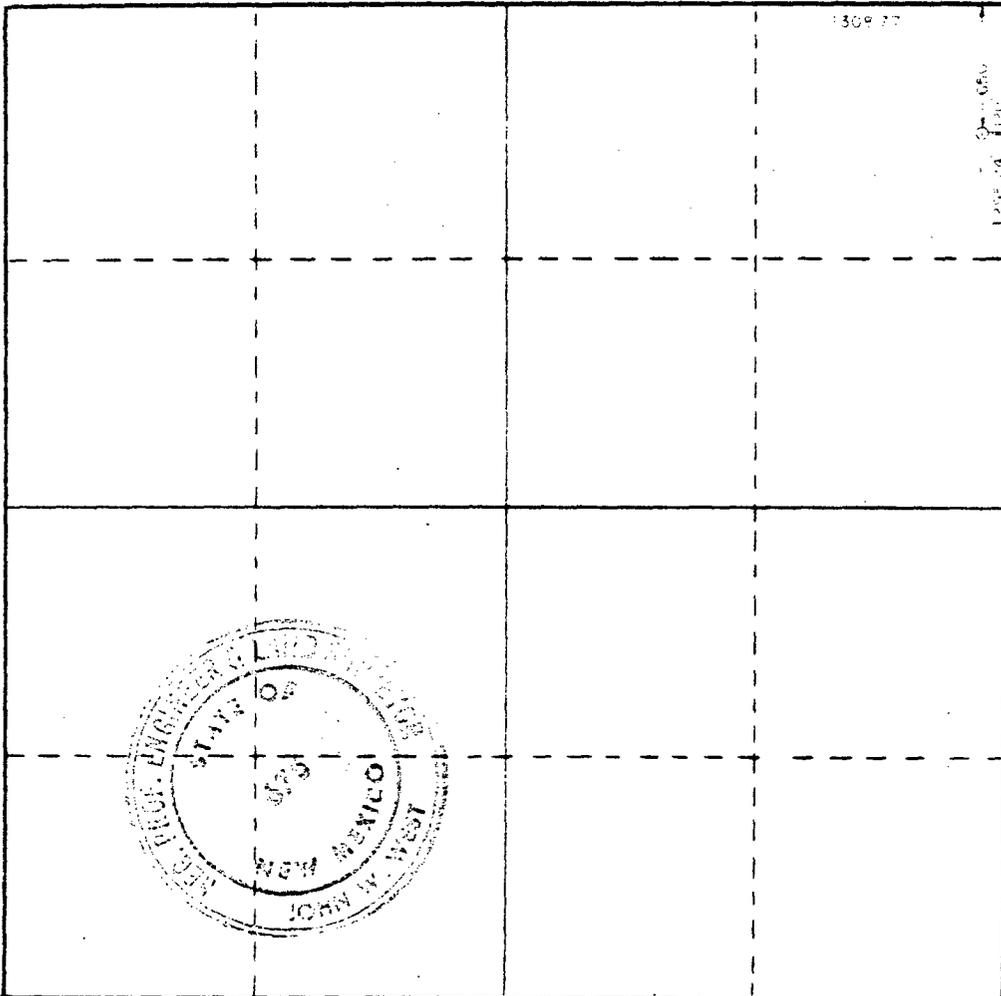
Operator Atlantic Richfield Co.		Lease Empire Abo Unit E		Well No. 363
Quarter A	Section 34	Township 17-S	Range 28-E	County Eddy
Approximate Location of Well: 650 feet from the North line and 120 feet from the East line				
Ground Level Elev. 3673.5	Producing Formation	Pool	Dedicated Acreage: Acres	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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:
October 25, 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 O-123-12
Supersedes O-123
Effective 12-85

All distances must be from the outer boundaries of the Section

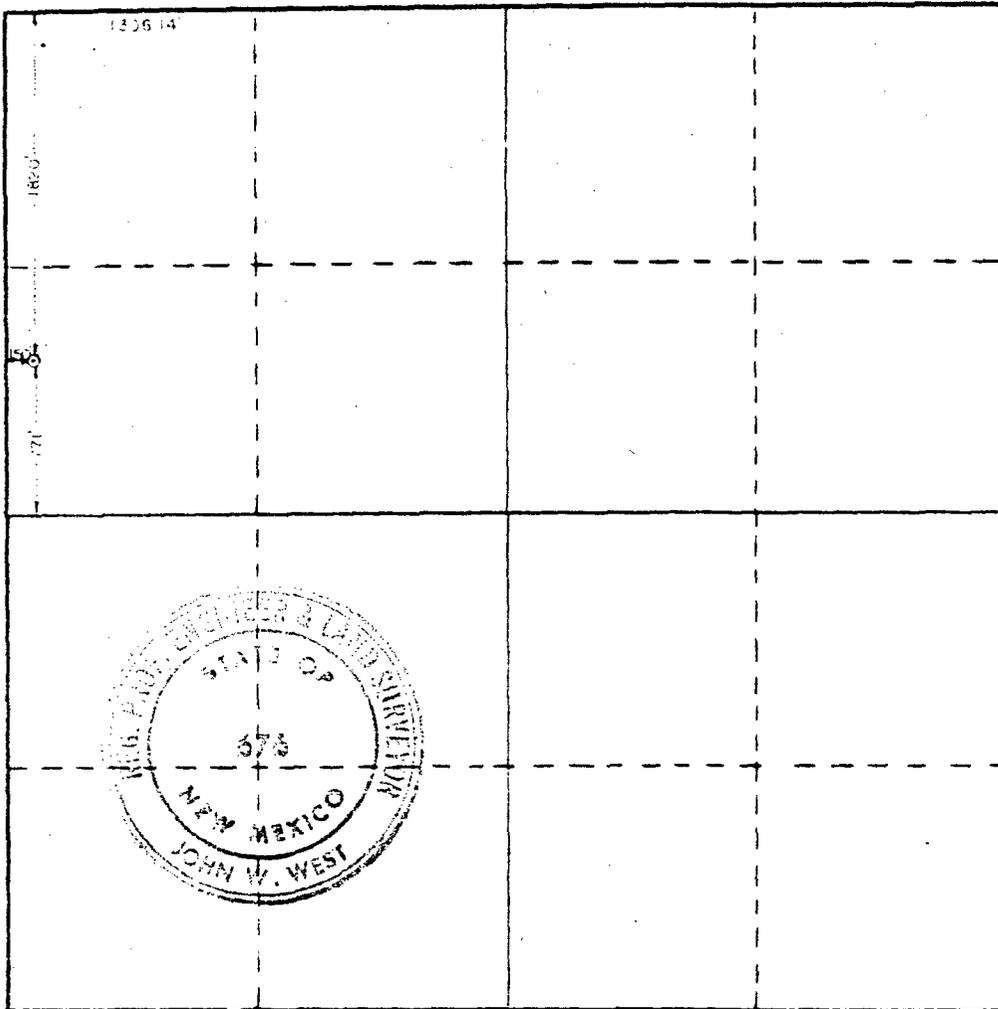
Lessee Atlantic Richfield Co.		Lease Empire Abo Unit		Unit F	Well No. 373
Section E	Section 35	Township 17-S	Range 28-E	County Eddy	
Approximate Location of Well: 1820 feet from the North line and 150 feet from the West line					
Ground Level Elev. 3679.3	Producing Formation		Pool	Dedicated Acreage:	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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:
October 26, 1978

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 2000 1500 1000 500

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-112
Supersedes Edition
Effective 1-1-65

All distances must be from the outer boundaries of the Section

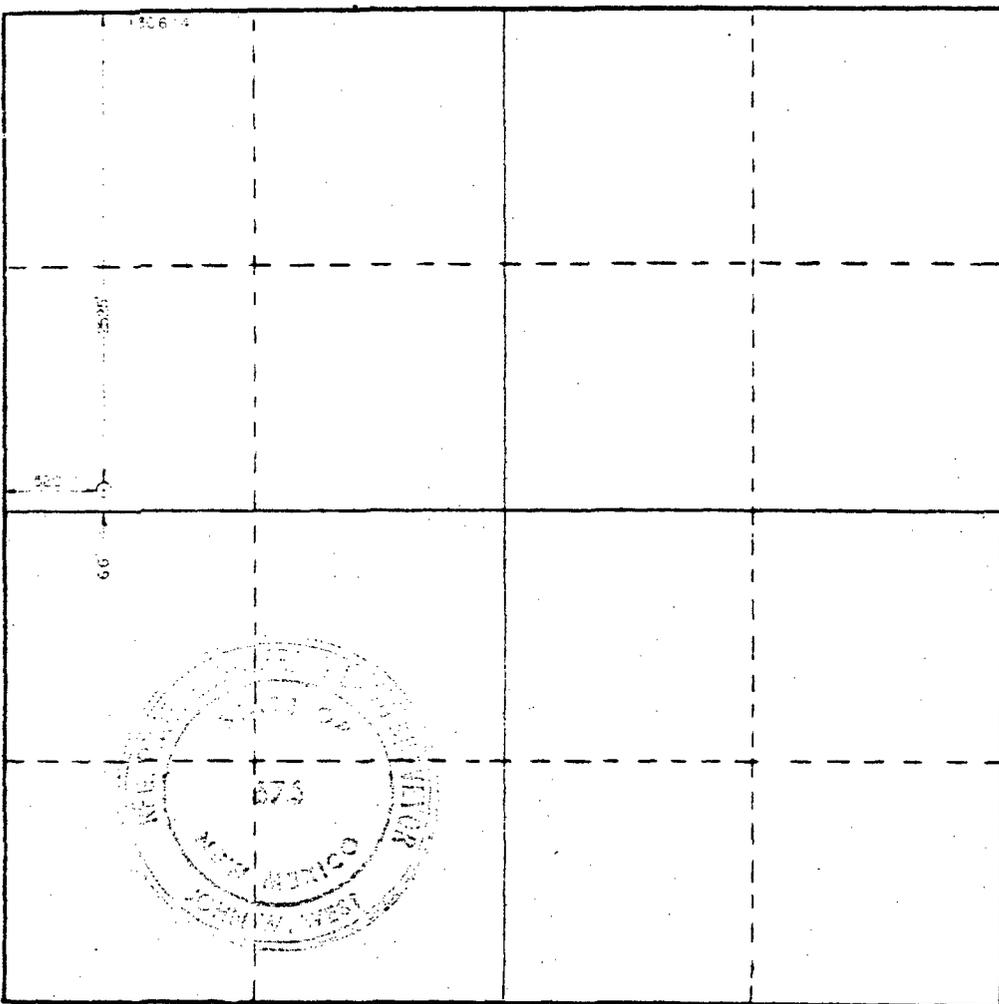
Lessee Atlantic Richfield Co,		Lease Empire Abo Unit F		Well No. 374
Section E	Section 35	Township 17-S	Range 28-E	County Eddy
Approximate Location of Well: 2525 feet from the North line and 520 feet from the West line				
Surface Elev. 2874.8	Producing Formation	Pool	Dedicated Acreage	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
October 26, 1978

Registered Professional Engineer and/or Land Surveyor

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

Ronald J. Edson 3239

330 660 990 1320 1680 1960 2340 2640 2000 1800 1000 600

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-100
Supersedes O-108
Effective 1-1-55

All distances must be from the outer boundaries of the Section

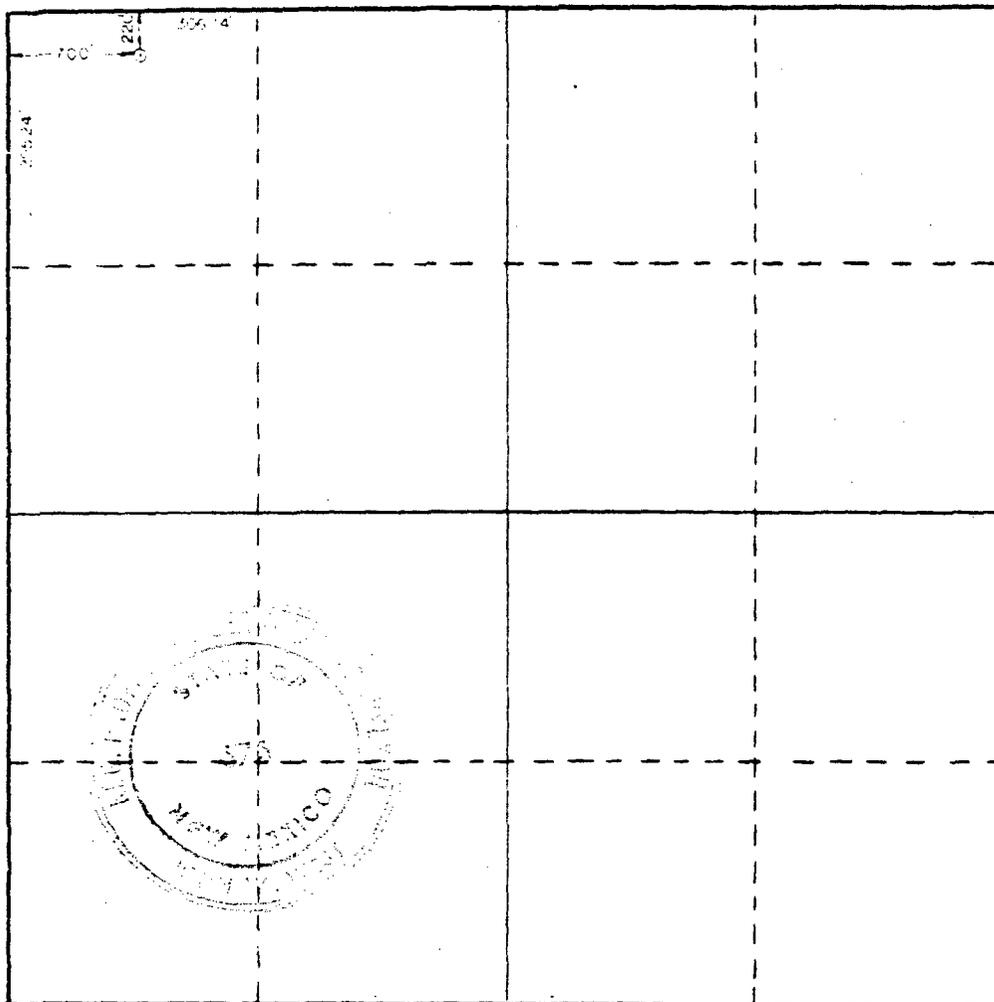
Operator Atlantic Richfield Co.		Lease Empire Abo Unit		E		Well No. 374
Tract Letter D	Section 35	Township 17-S	Range 28-E	County Eddy		
Actual Footage Location of Well: 220 feet from the North line and 700 feet from the West line						
Ground Level Elev. 3680.7	Producing Formation		Pool	Dedicated Acreage: 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.

A. J. Natour
Name

I. J. Natour
Position

Operations Engineer
Company

Atlantic Richfield Co.
Date

November 16, 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:

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

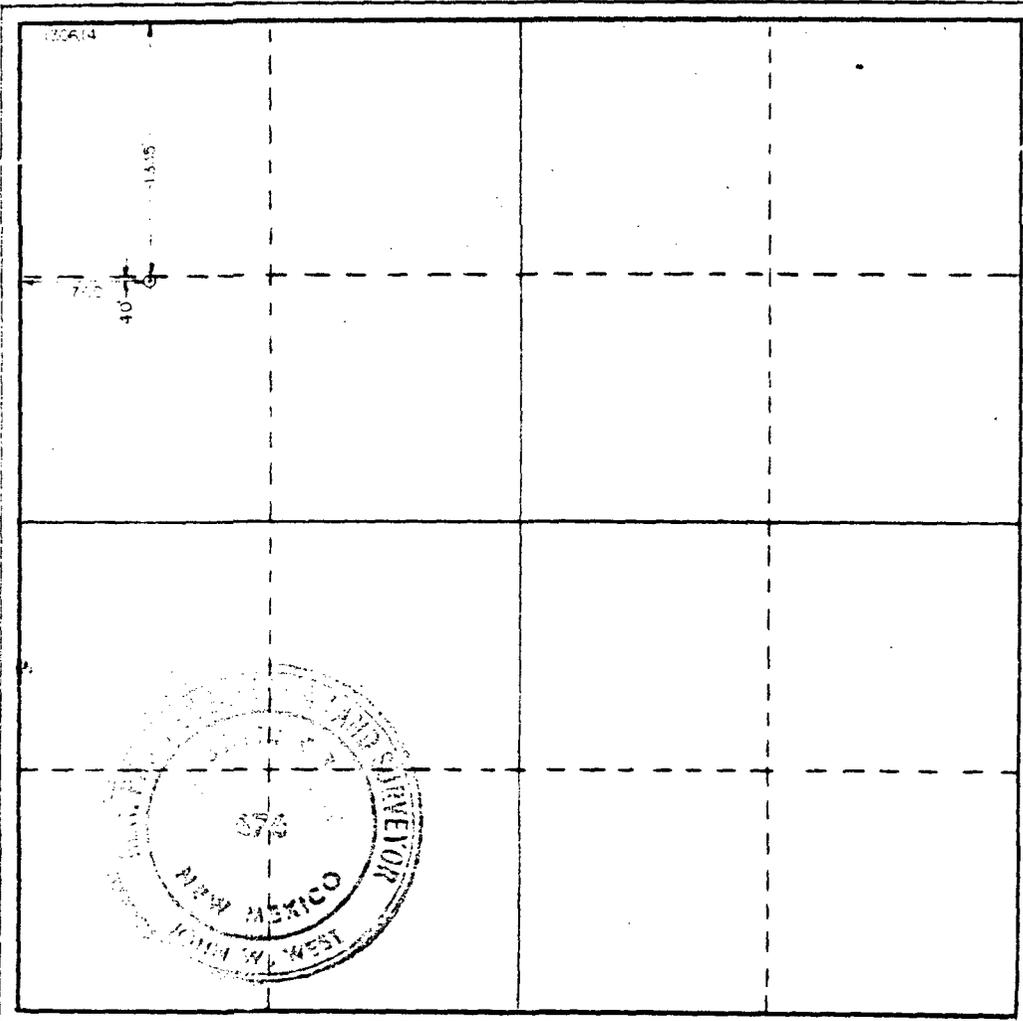
Operator Atlantic Richfield Co.		Lease Empire Abo Unit		Well No. F 376	
Section E	Section 35	Township 17-S	Range 28-E	County Eddy	
Actual Footage Location of Well: 1335 feet from the North line and 700 feet from the West line					
Ground Level Elev. 3685.3	Producing Formation		Pool	Dedicated Acreage: 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
Engineer - Operations

Company
Atlantic Richfield Co.

Date
November 16, 1978

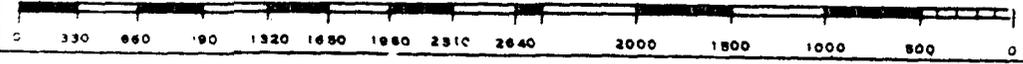
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed:

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 O-10
Supersedes O-10d
Effective 1-1-55

All distances must be from the outer boundaries of the Section

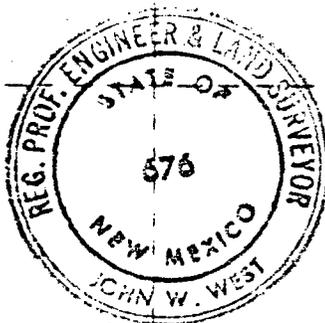
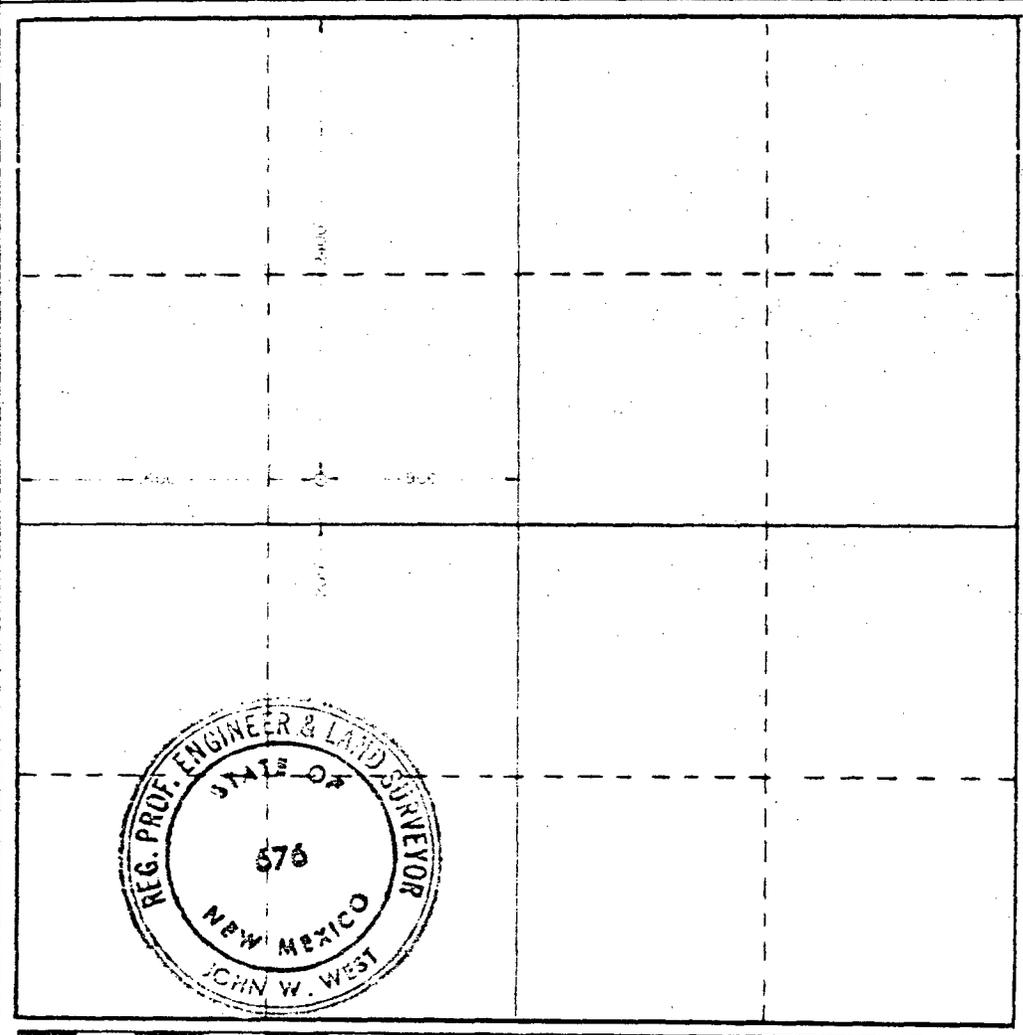
Lessee Atlantic Richfield Co.		Lease Empire Abo Unit		Section F	Well No. 382
Section F	Section 35	Township 17-S	Range 28-E	County Eddy	
Well Location: 2400 feet from the North line and 1600 feet from the West line					
Ground Level Elev. 3675.6	Producing Formation		Pool	Dedicated Acreage	

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 1978

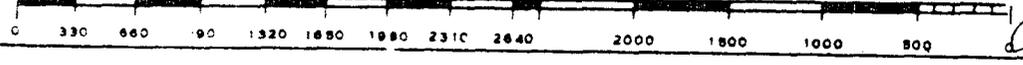
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 26, 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 O-102
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

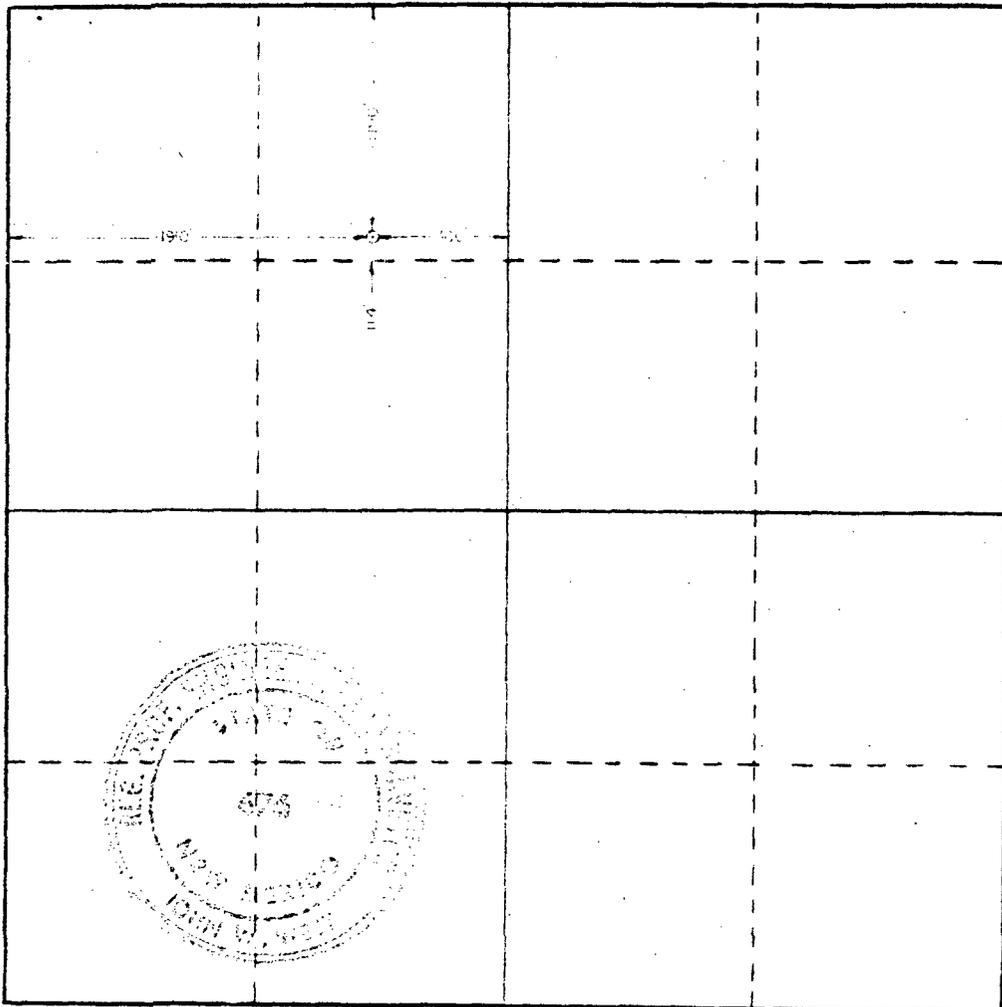
Atlantic Richfield Co.		Lease Empire Abo Unit E		Well No. 383
Section C	35	Township 17-S	Range 28-E	County Eddy
Approximate Location of Well: 1190 feet from the North line and 1910 feet from the West line				
Surface Elev. Elev. 3679.2	Producing Formation		Pool	Dedicated Acreage: Acres

- 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
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 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
October 25, 1978

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

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

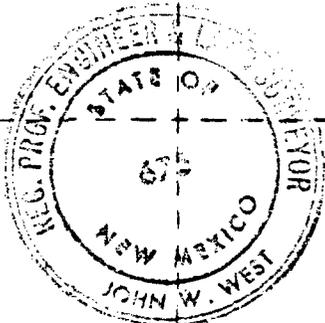
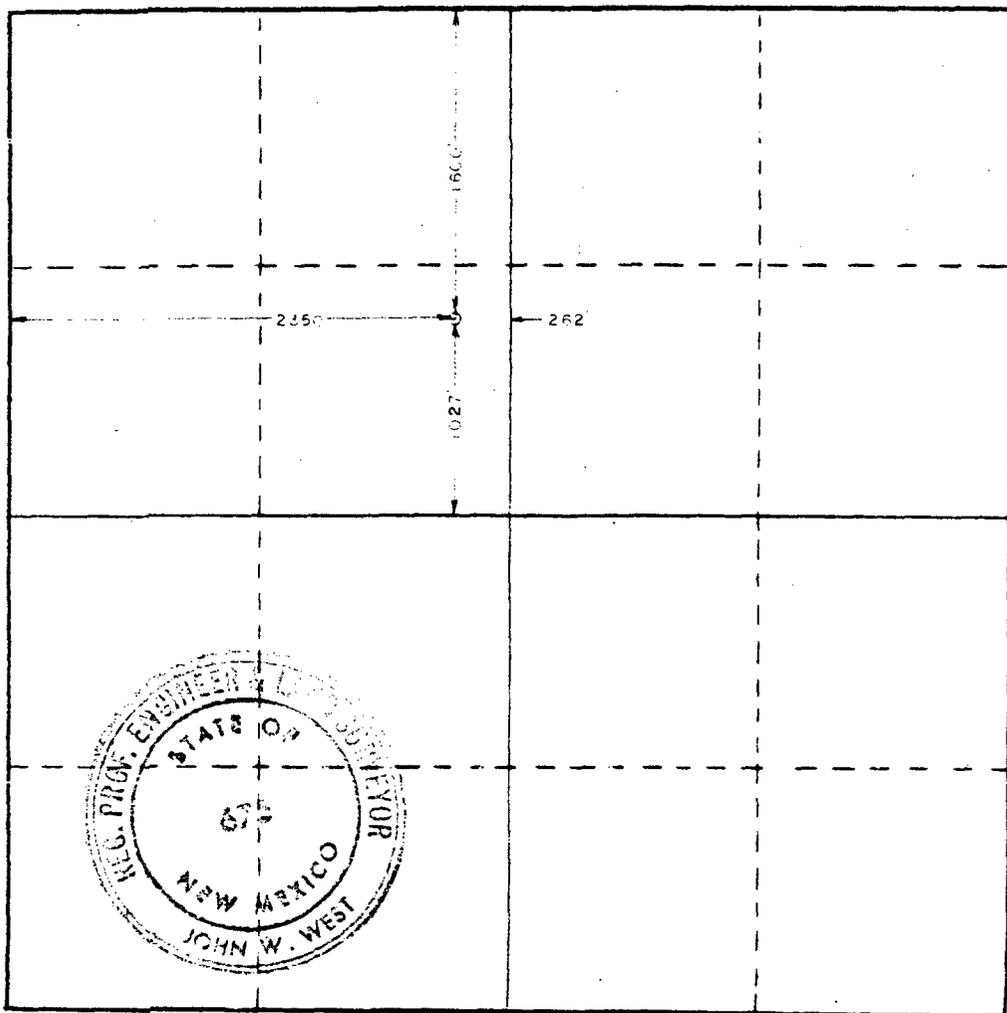
Operator Atlantic Richfield Co.		Lease Empire Abo Unit F		Well No. 383
Tract Letter F	Section 35	Township 17-S	Range 28-E	County Eddy
Approximate Location of Well: 1600 feet from the North line and 2350 feet from the West line				
Ground Level Elev. 3678.4	Producing Formation	Pool	Dedicated Acreage: 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.

J. J. Natour

Name
I. J. Natour

Position
Operations Engineer

Company
Atlantic Richfield Co.

Date
November 16, 1978

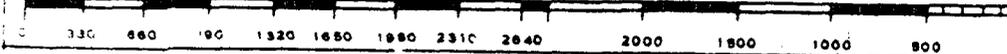
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

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 7-73-1
Supersedes 6-6-68
Effective 1-1-73

All distances must be from the outer boundaries of the Section

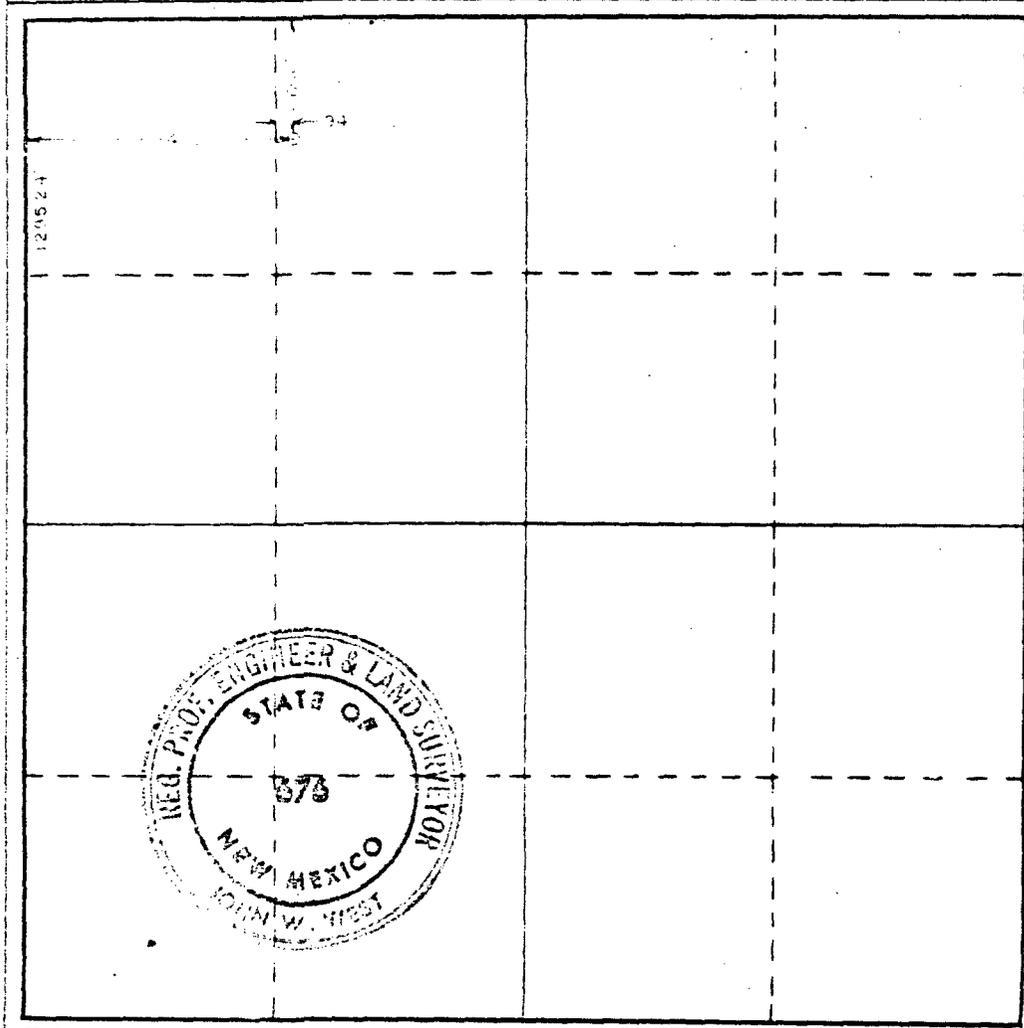
Operator Atlantic Richfield Co.		Lease Empire Abo Unit E		No. 884
Section C	Section 35	Township 17-S	Range 28-E	County Eddy
Approximate Location of Well: 600 feet from the North line and 1400 feet from the West line				
Ground Level Elev. 3681.0	Producing Formation	Pool	Dedicated Acreage	

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 Co.

Date
November 16, 1978

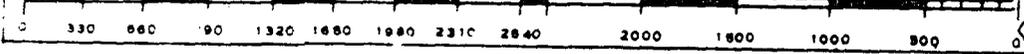
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 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 O-10
Supersedes Form O-10
Effective 1-1-68

All distances must be from the outer boundaries of the Section

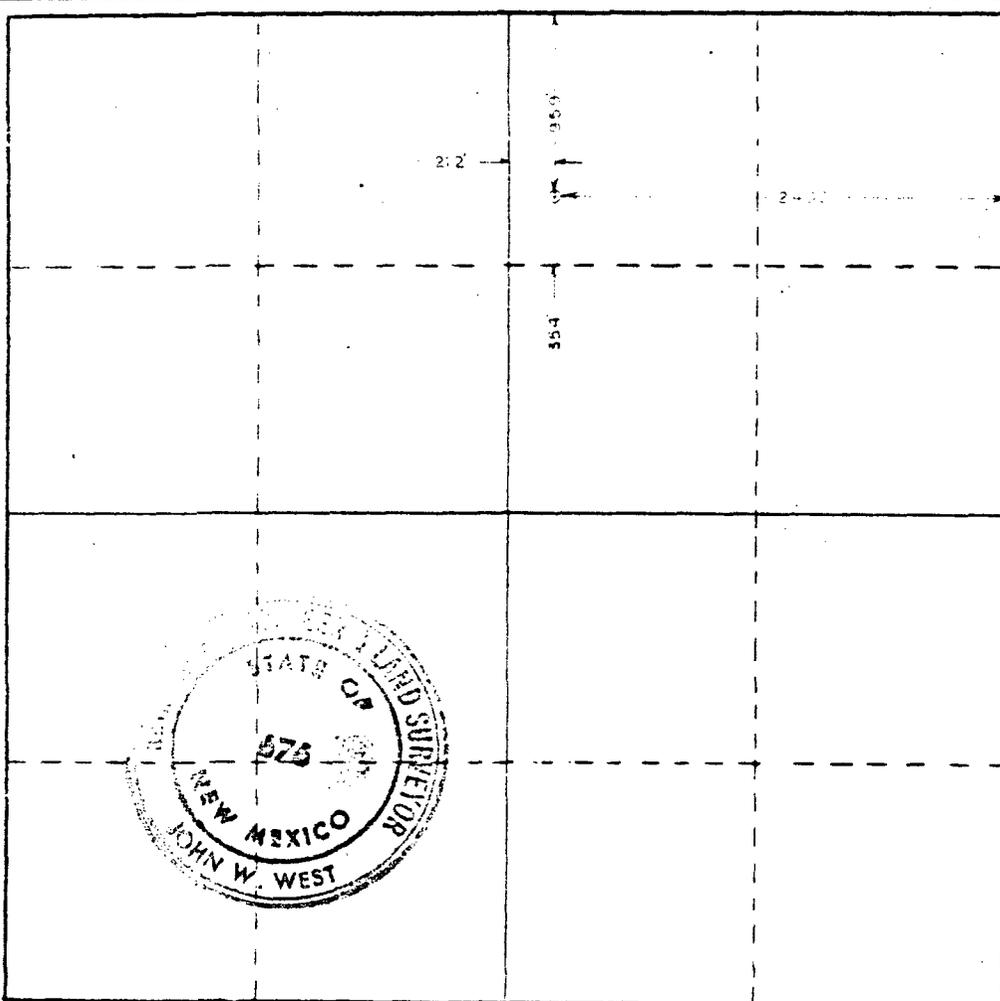
Atlantic Richfield Co.		Lease Empire Abo Unit		E	392
3	Section 35	Township 17-S	Range 28-E	County Eddy	
Distance Location of well: 959 feet from the North line and 2400 feet from the East line					
Level Elev. 3685.5	Production Formation		Pool	Dedicated Acreage	

- 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
Operations Engineer
Company
Atlantic Richfield Co.
Date
November 16, 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
October 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 O-102
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

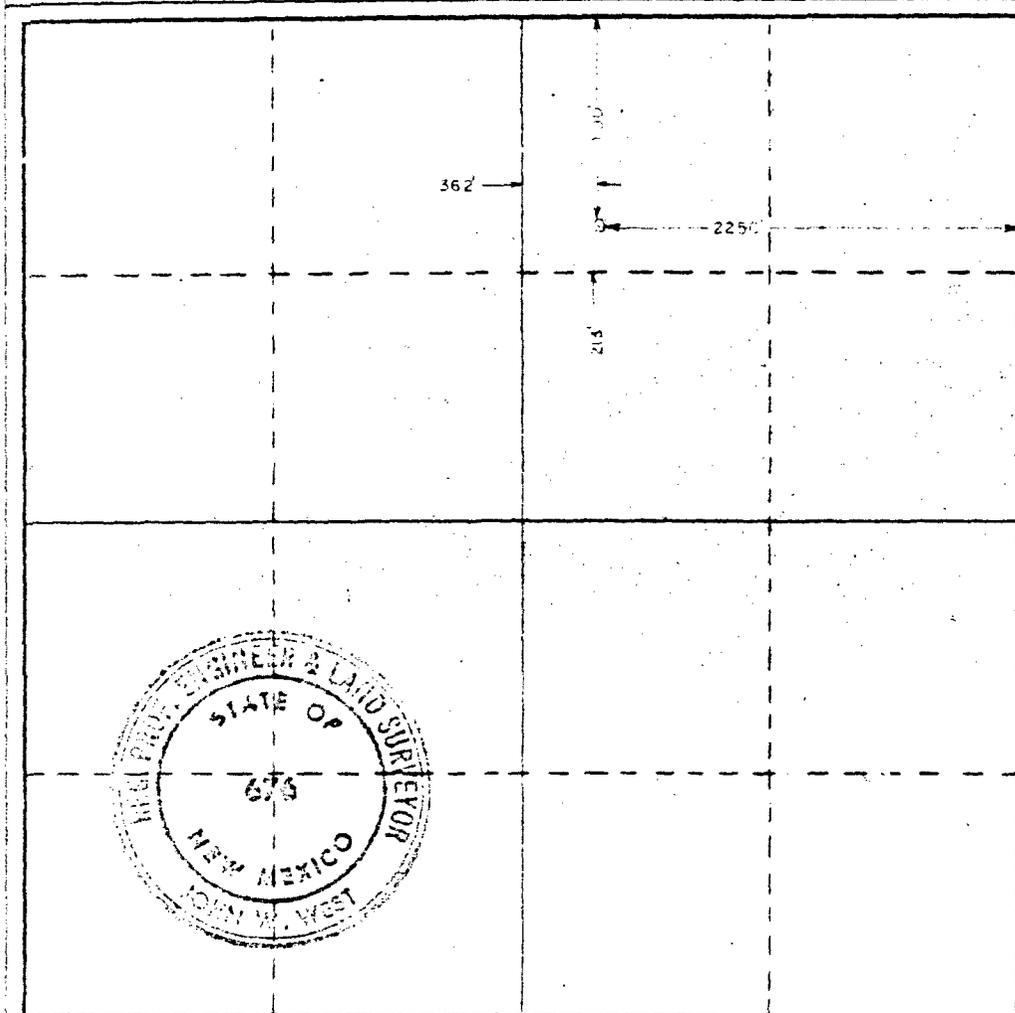
Lessee Atlantic Richfield Co.		Lease Empire Abo Unit		E	Well No. 393
Section B	35	Township 17-S	Range 28-E	County Eddy	
A. Well Postage Location of Well:					
1100	feet from the North	line and 2250	feet from the East	line	
Ground Level Elev. 3686.1	Producing Formation	Pool	Dedicated Acreage:		

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 Co.

Date
November 16, 1978

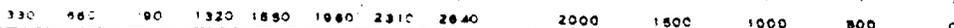
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 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 O-102
Supersedes O-104
Effective 1-1-55

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

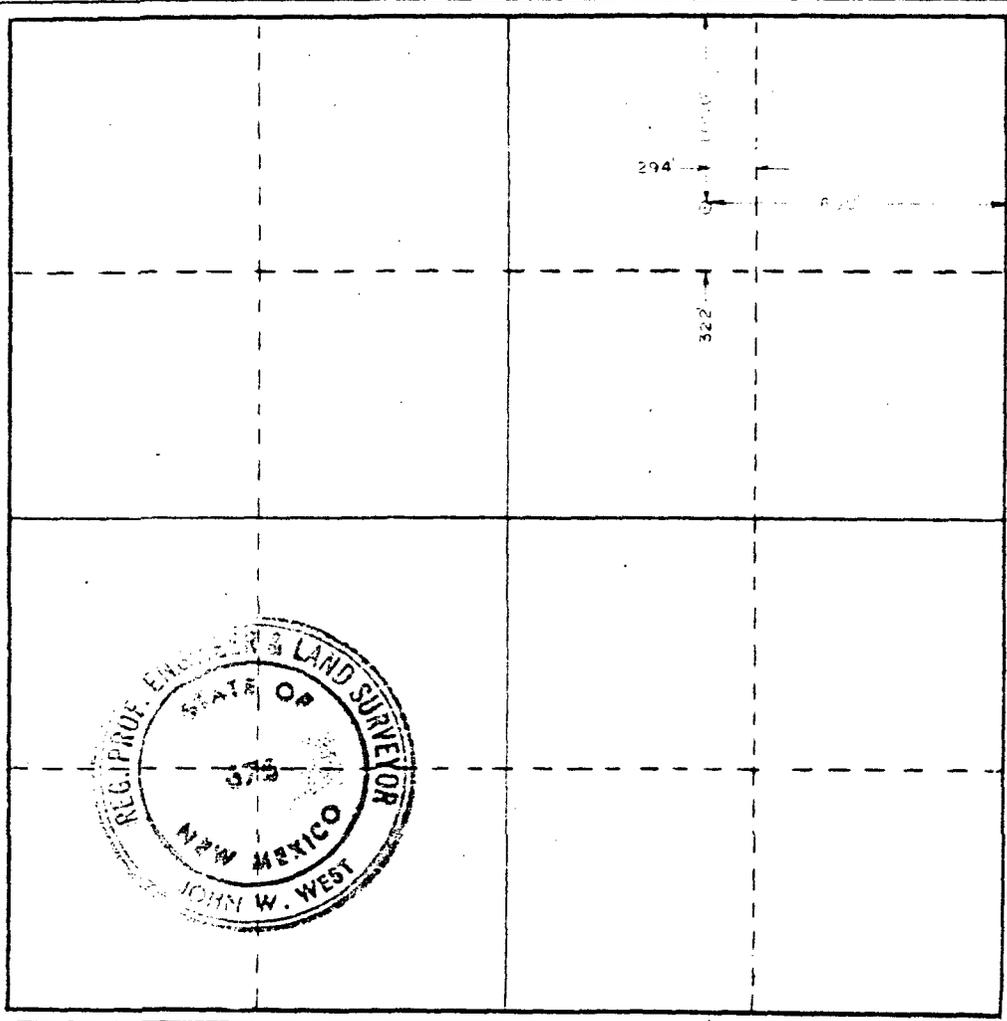
Operator Atlantic Richfield Co.		Lease Empire Abo Unit		Well No. E 394	
Grid Letter B	Section 35	Township 17-S	Range 28-E	County Eddy	
Actual Well Location of Well:					
1000 feet from the North line and		1600 feet from the East line			
Ground Level Elev. 3677.9	Producing Formation	Pool	Dedicated Acreage: 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 Co.

Date
November 16, 1978

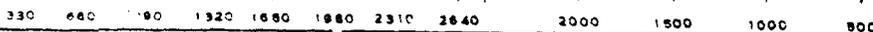
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 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 O-102
Supersedes O-128
Effective 10-85

All distances must be from the outer boundaries of the Section

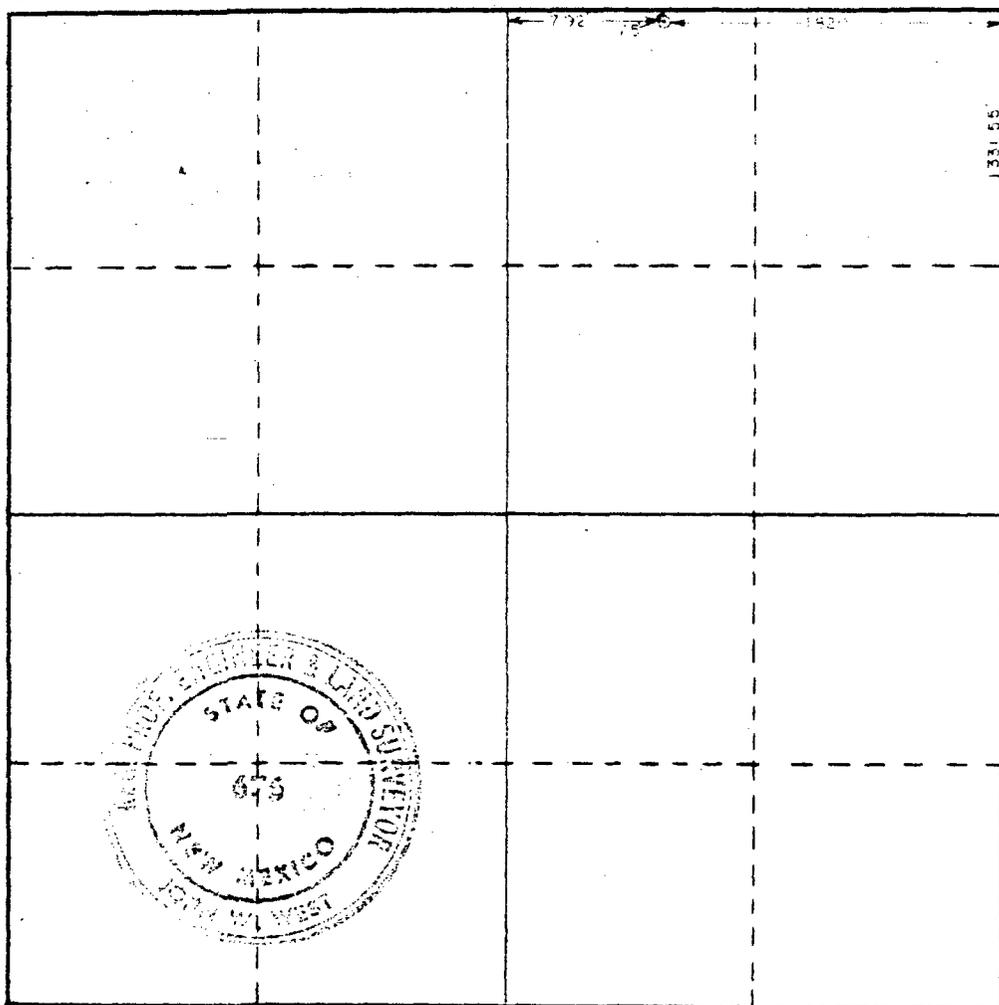
Operator Atlantic Richfield Co.		Lease Empire Abo Unit		Well No. 395	
Tract Letter B	Section 35	Township 17-S	Range 28-E	County Eddy	
Actual Footage Location of Well: 75 feet from the North line and 1820 feet from the East line					
Ground Level Elev. 3676.2	Producing Formation		Pool	Dedicated Acreage: 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, force-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 Co.
Date

November 16, 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

October 27, 1978

Registered Professional Engineer and/or Land Surveyor

John W. West

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

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

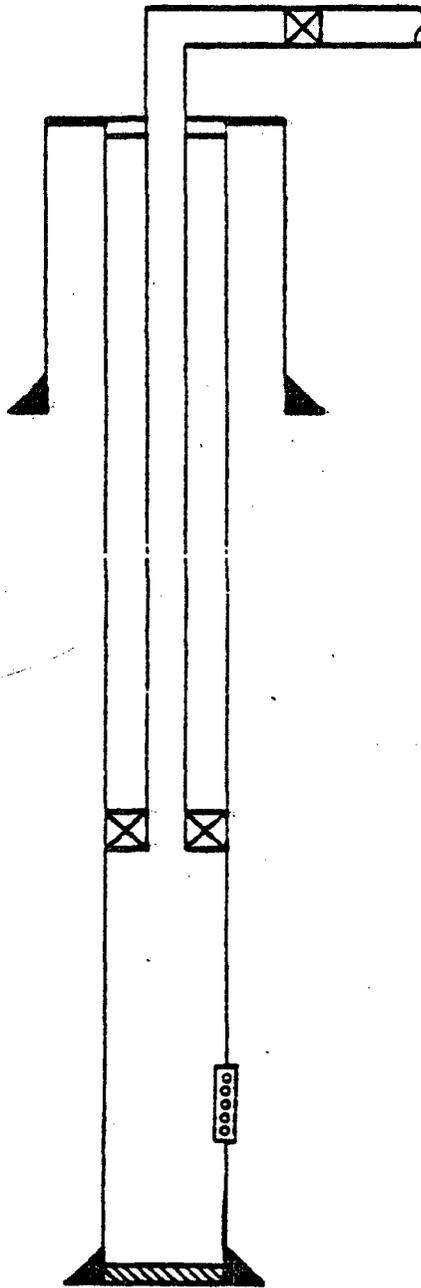
Empire Abo Unit Well E-362

1200' FNL & 1200' FEL Section 34, T-17S, R-28E

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.
6000'

Proposed perforations
6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

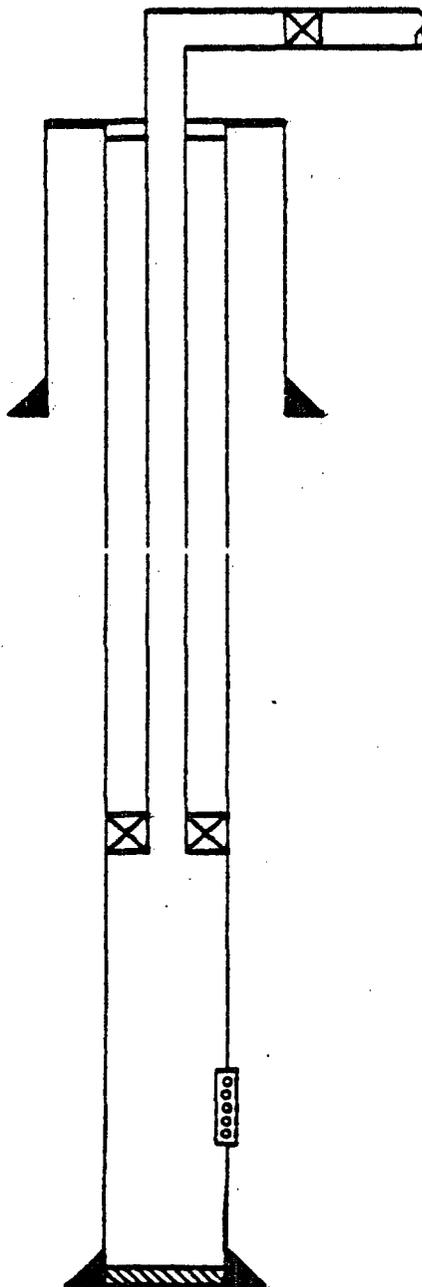
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well D-361

136' FSL & 800' FEL, Sec. 27, T-17S, R-28E
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.
6000'

Proposed perforations
6050-6350'

TD @ 6350'

Bottom Hole location:
300' FNL & 500' FEL, Sec. 34, T-17S, R-28E

PROPOSED PRODUCING WELL DIAGRAM

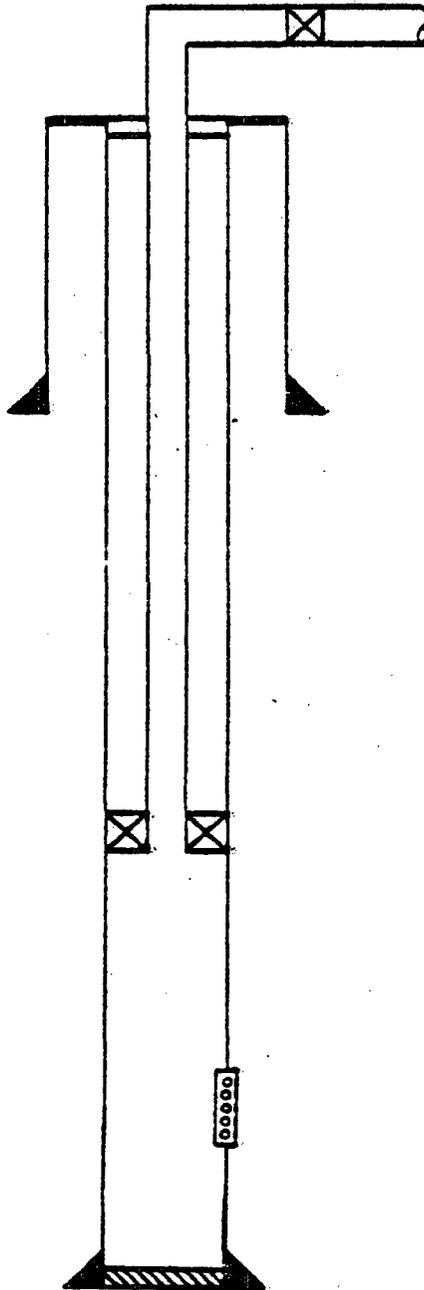
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well E-363

650' FNL & 120' FEL, Sec. 34, T-17S, R-28E
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.
6000'

Proposed perforations
6050-6350'

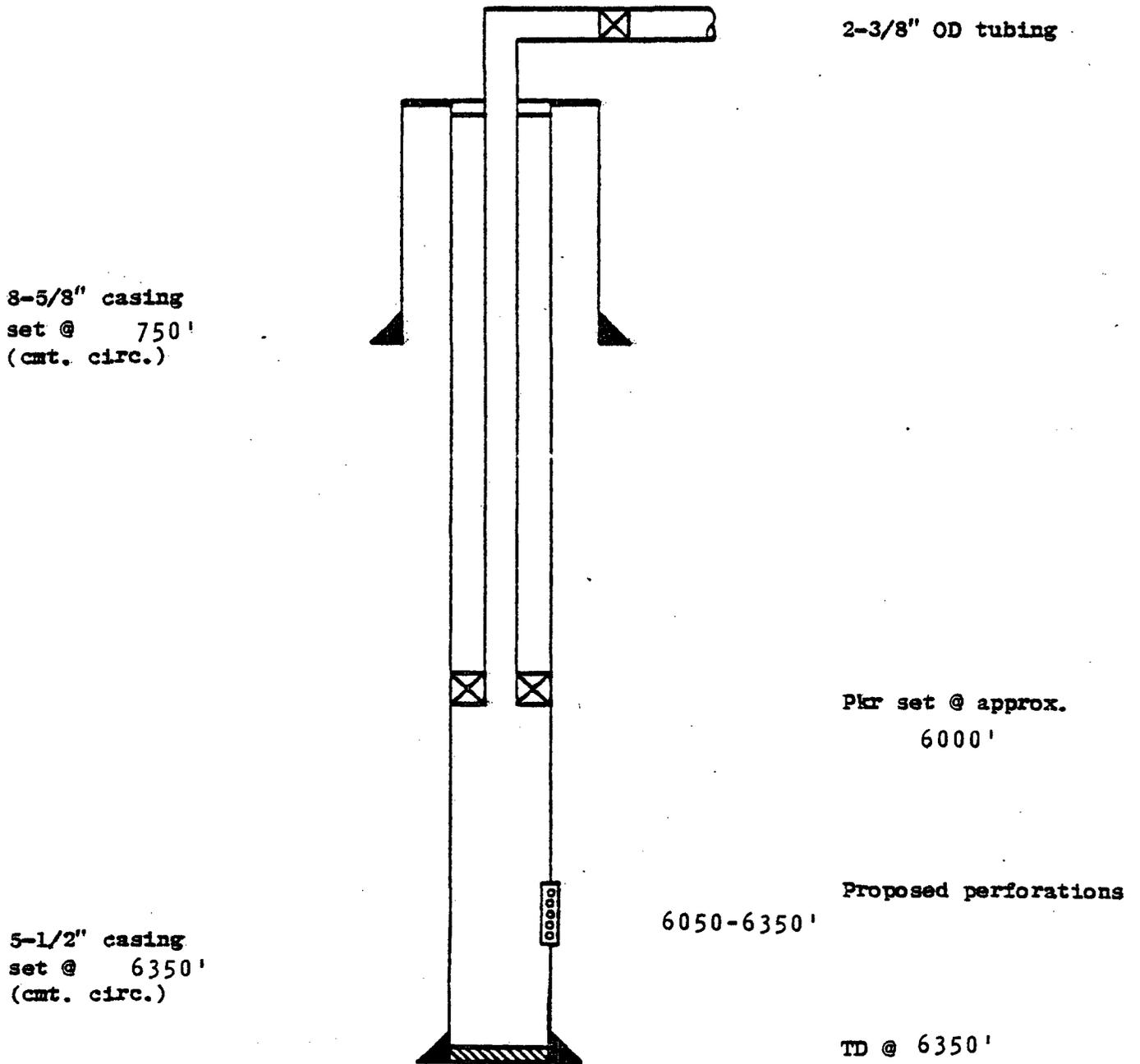
TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well E-374
220' FNL & 700' FWL, Sec. 35, T-17S, R-28E

Eddy County, New Mexico



PROPOSED PRODUCING WELL DIAGRAM

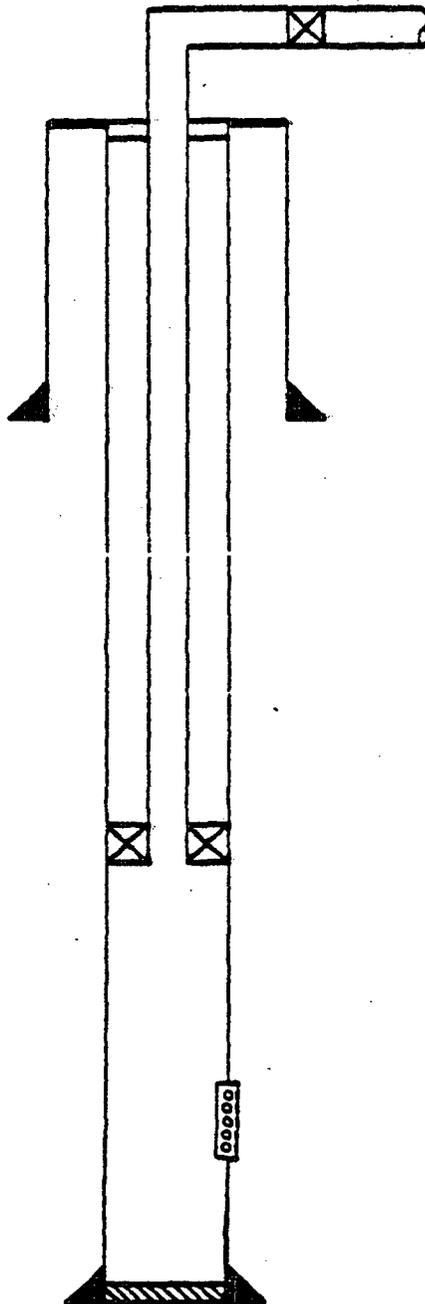
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well E-383
1190' FNL & 1910' FWL, Sec. 35, T-17S, R-28E

Eddy County, New Mexico

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

5-1/2" casing
set @ 6300'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.

6000'

Proposed perforations

6050-6300'

TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

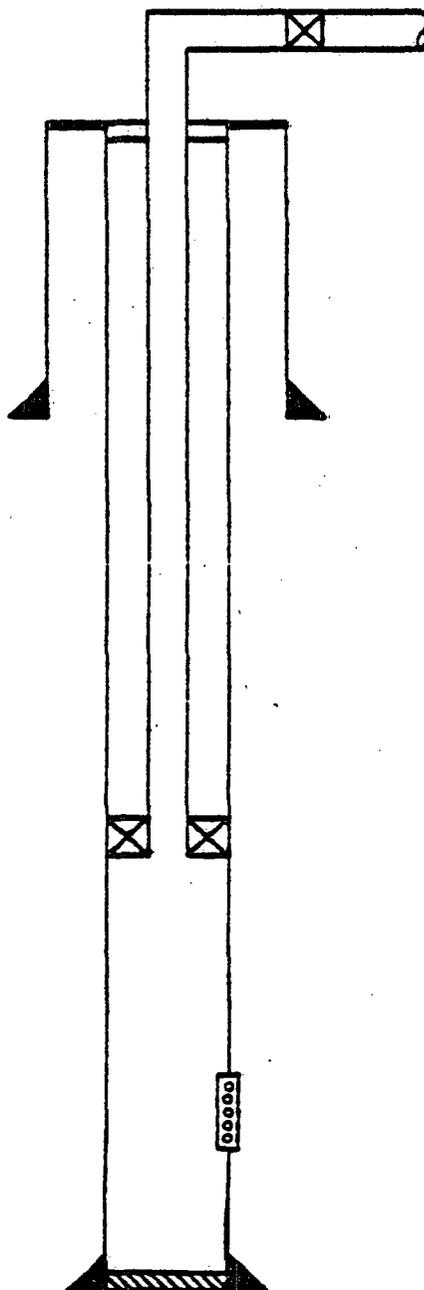
Empire Abo Unit Well E-384

600' FNL & 1400' FWL, Sec. 35, T-17S, R-28E

Eddy County, New Mexico

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

5-1/2" casing
set @ 6300'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
6000'

Proposed perforations

6050-6300'

TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

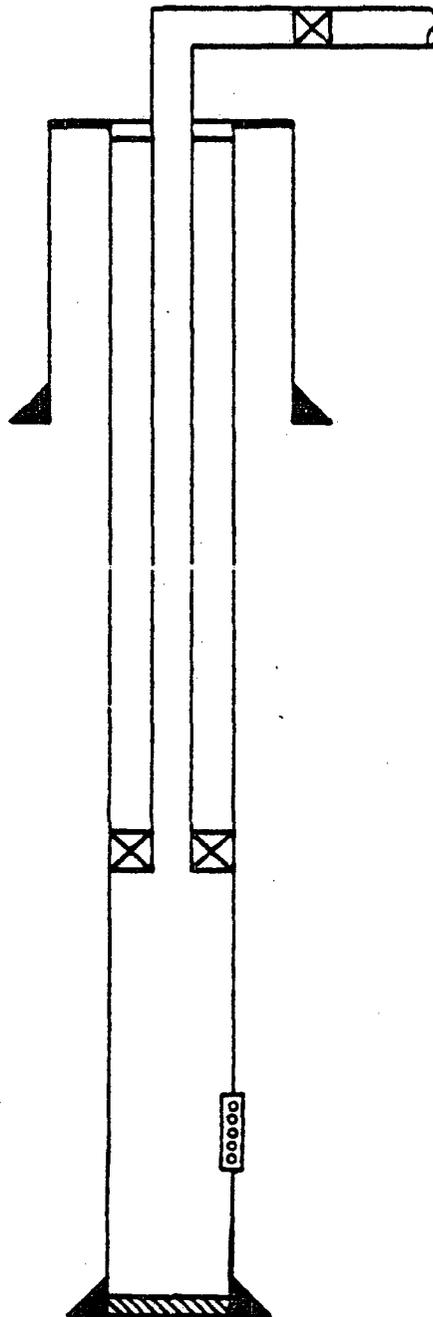
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well E-392

959' FNL & 2400' FEL, Sec. 35, T-17S, R-28E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6300'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
6000'

Proposed perforations
6050-6300'

TD @ 6300'

Bottom Hole location:
600' FNL & 2500' FEL, Sec. 35, T-17S, R-28E

PROPOSED PRODUCING WELL DIAGRAM

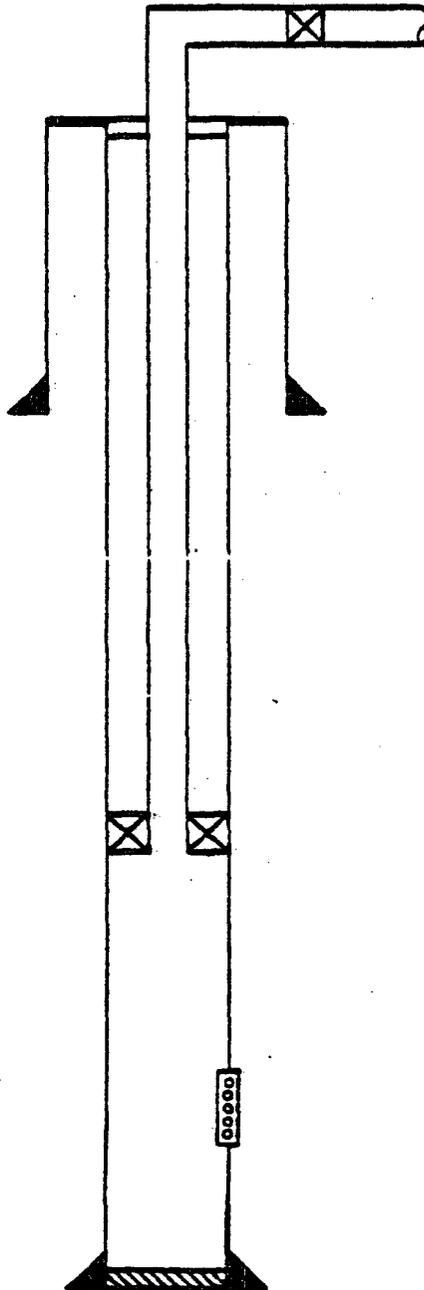
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well E-393

1100' FNL & 2250' FEL, Sec. 35, T-17S, R-28E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6300'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
6000'

Proposed perforations
6050-6300'

TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

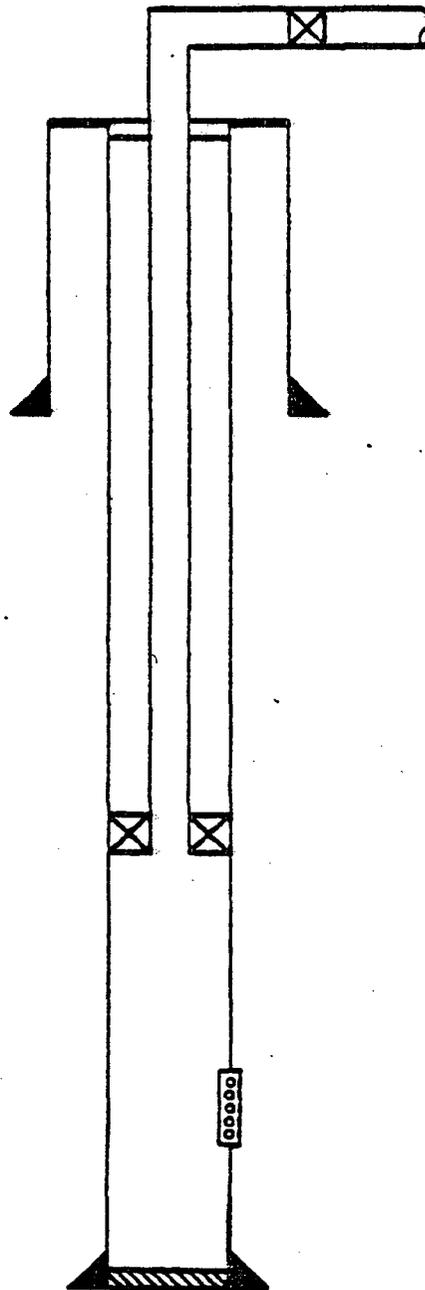
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well E-394

1000' FNL & 1600' FEL, Sec. 35, T-17S, R-28E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6300'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
6000'

Proposed perforations
6050-6300'

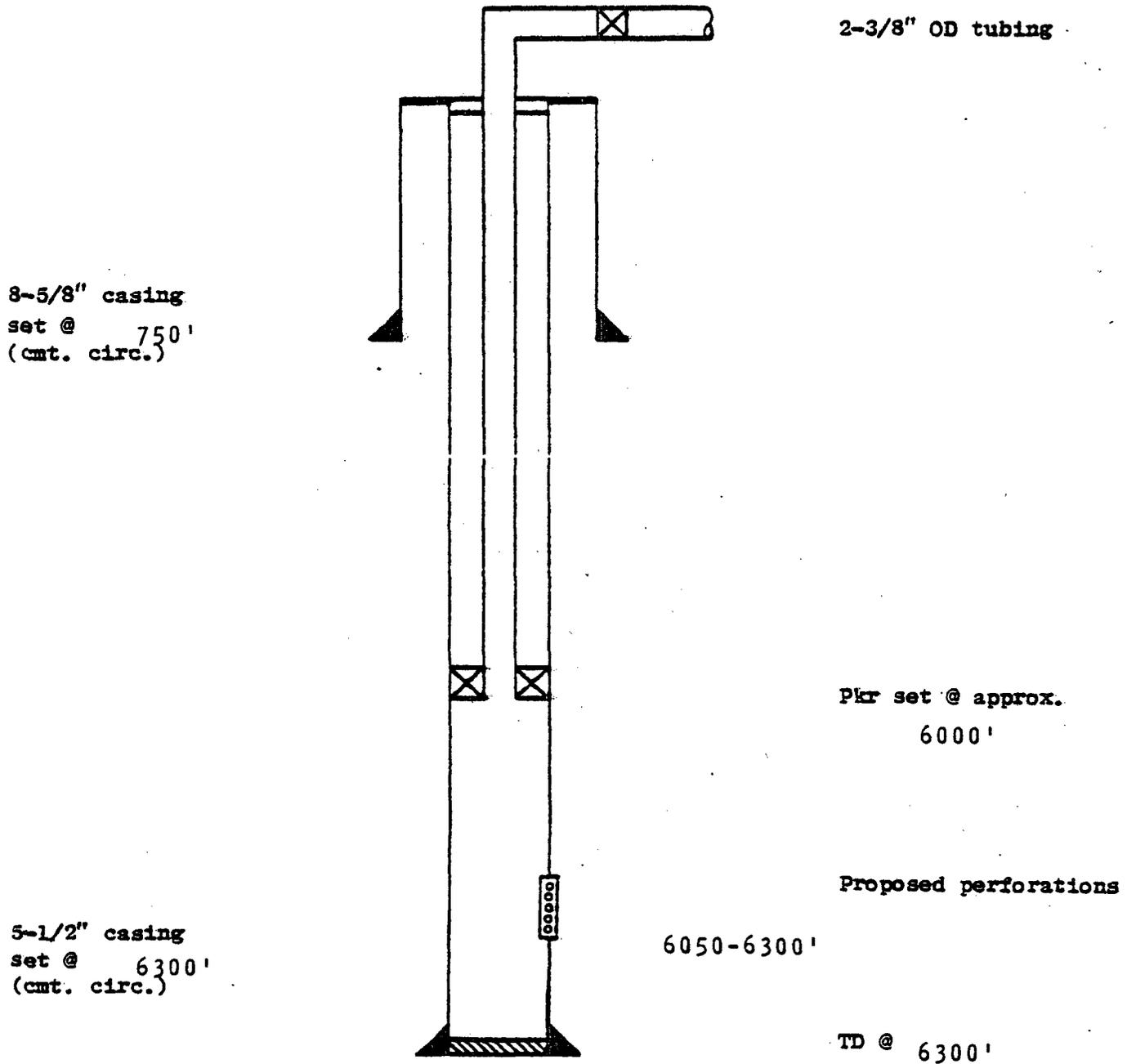
TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well E-395
75' FNL & 1820' FEL, Sec. 35, T-17S, R-28E

Eddy County, New Mexico



PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

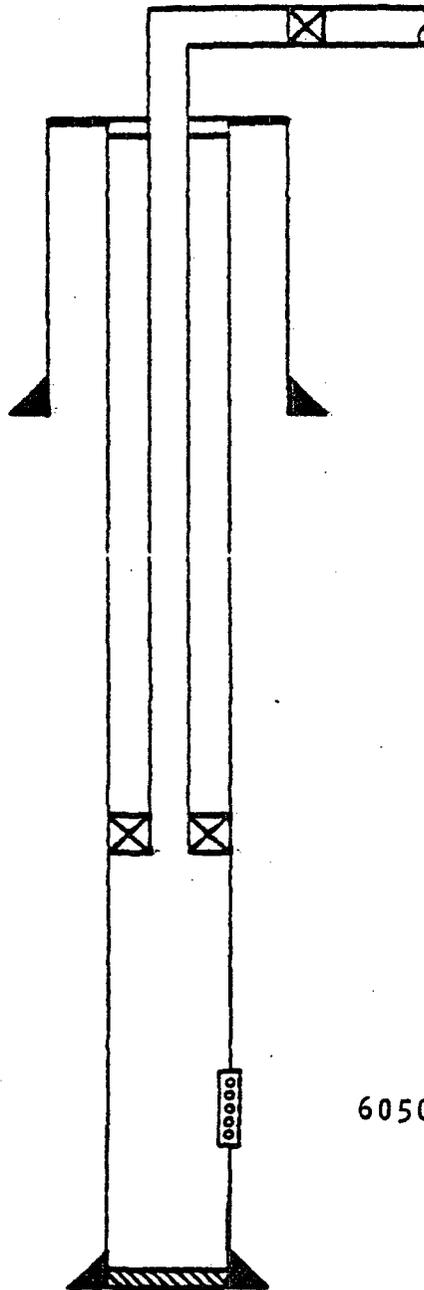
Empire Abo Unit Well F-334

1700' FNL & 620' FWL, Sec. 34, T-17S, R-28E

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.
6000'

Proposed perforations
6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

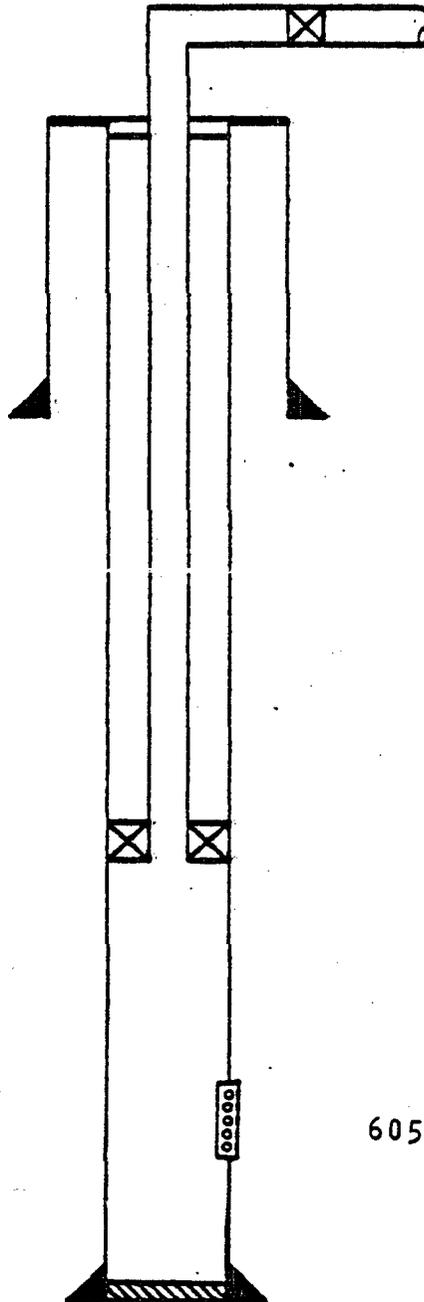
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-335

2250' FNL & 570' FWL, Sec. 34, T-17S, R-28E
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.
6000'

Proposed perforations
6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

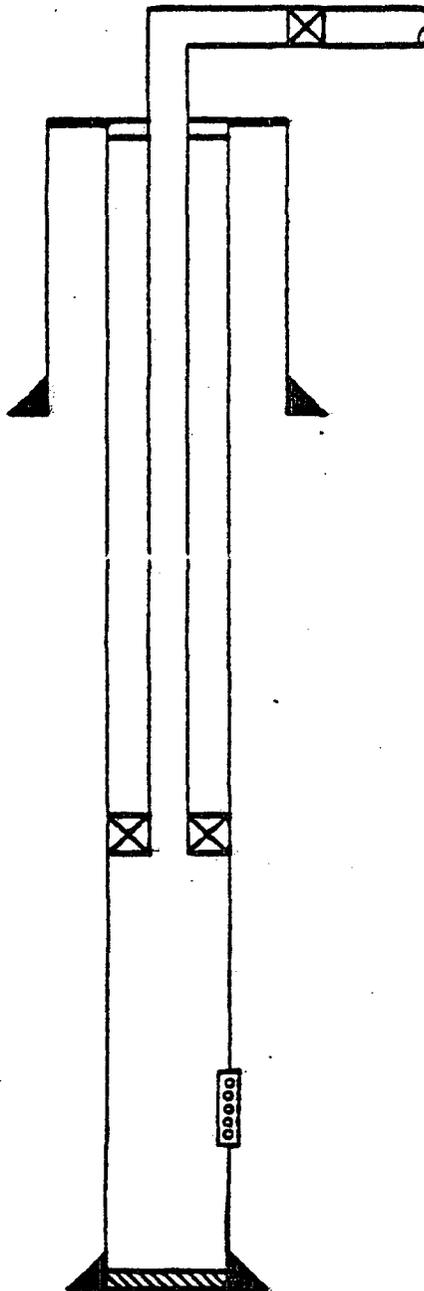
Empire Abo Unit Well F-342

1450' FNL & 1900' FWL, Sec. 34, T-17S, R-28E

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.

6000'

Proposed perforations

6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

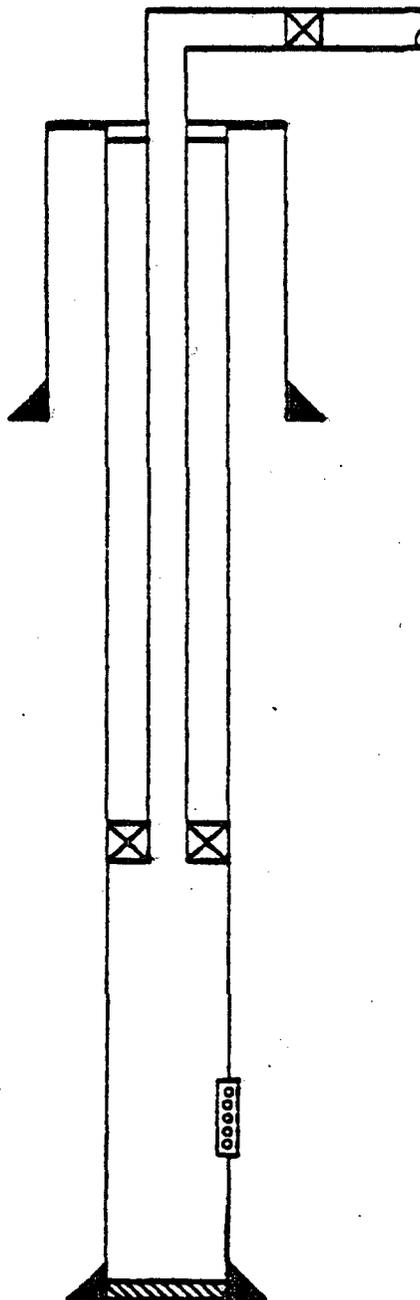
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-343

2300' FNL & 1675' FWL, Sec. 34, T-17S, R-28E
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.
6000'

Proposed perforations
6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

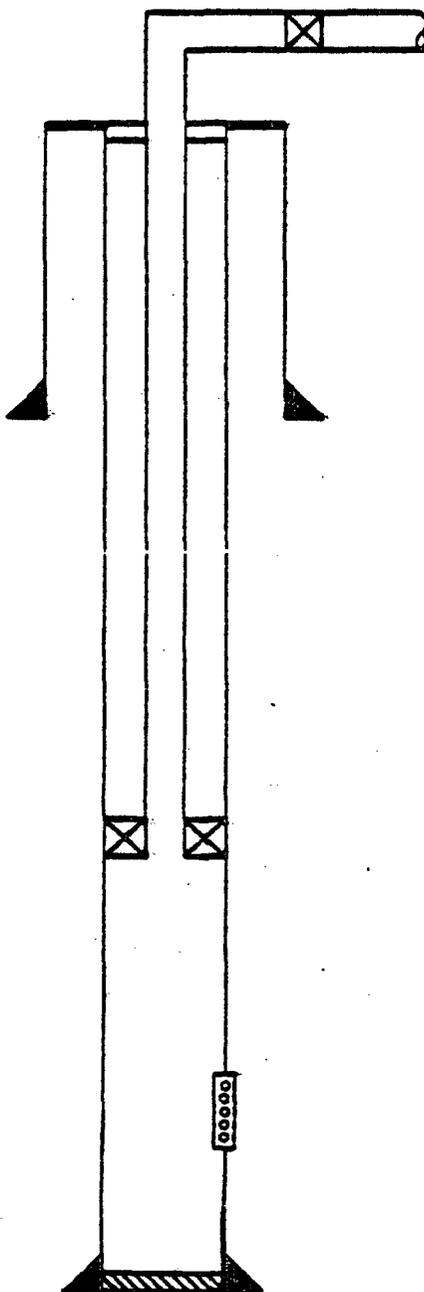
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-354

1850' FNL & 2550' FEL, Sec. 34, T-17S, R-28E
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.
6000'

Proposed perforations
6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

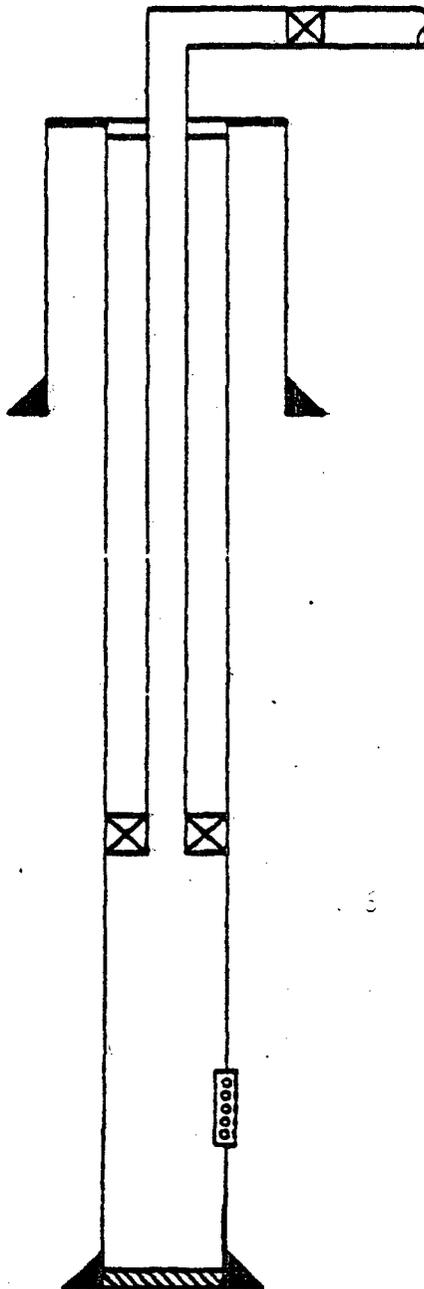
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-363
2250' FNL & 1250' FEL, Sec. 34, T-17S, R-28E

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.

6000'

Proposed perforations

6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

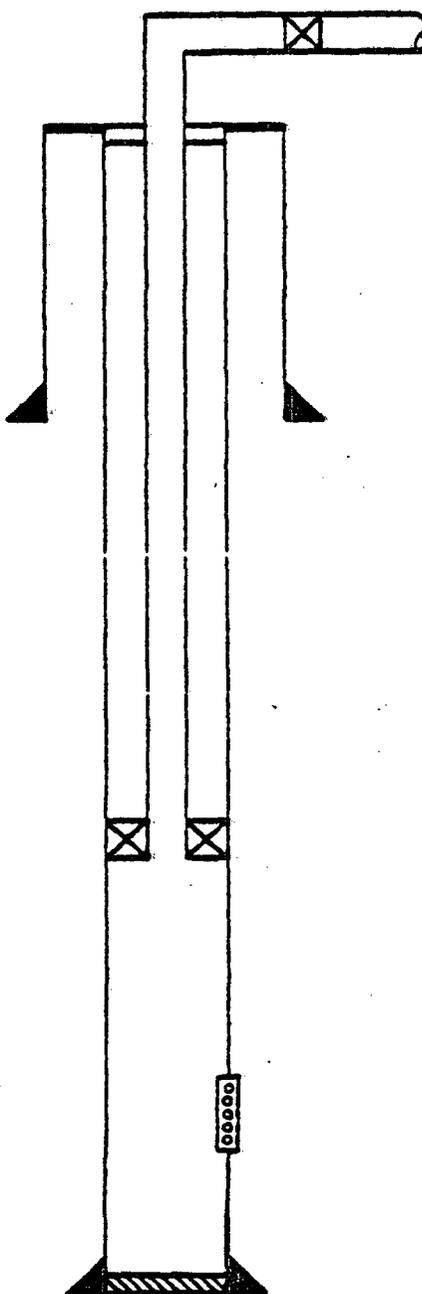
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-373
1820' FNL & 150' FWL, Sec. 35, T-17S, R-28E

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.

6000'

Proposed perforations

6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

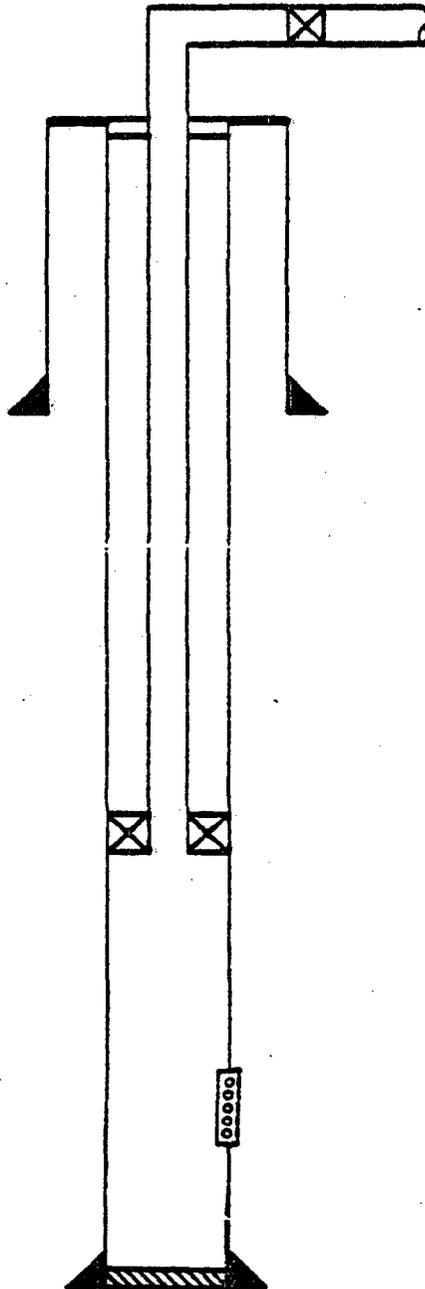
Empire Abo Unit Well F-374

2525' FNL & 520' FWL, Sec. 35, T-17S, R-28E

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.
6000'

Proposed perforations
6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

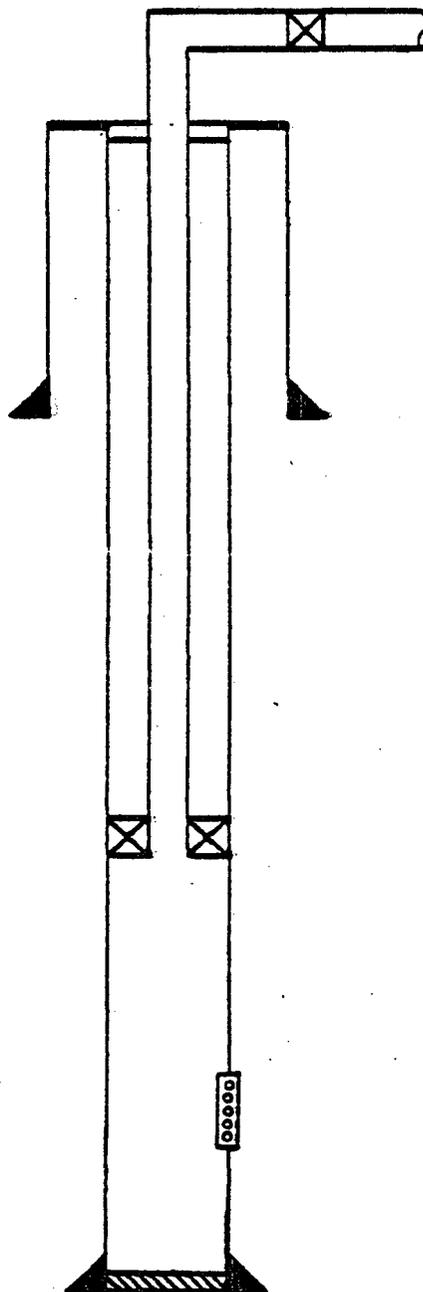
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-375

1780' FNL & 1175' FWL, Sec. 35, T-17S, R-28E
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.
6000'

Proposed perforations
6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

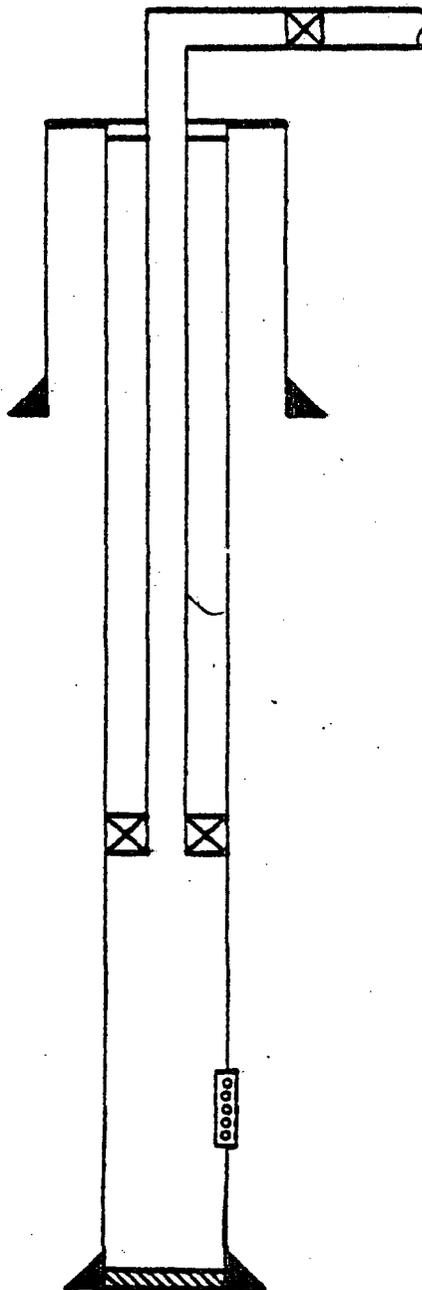
Empire Abo Unit Well F-376

1335' FNL & 700' FWL, Sec. 35, T-17S, R-28E

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.
6000'

Proposed perforations
6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

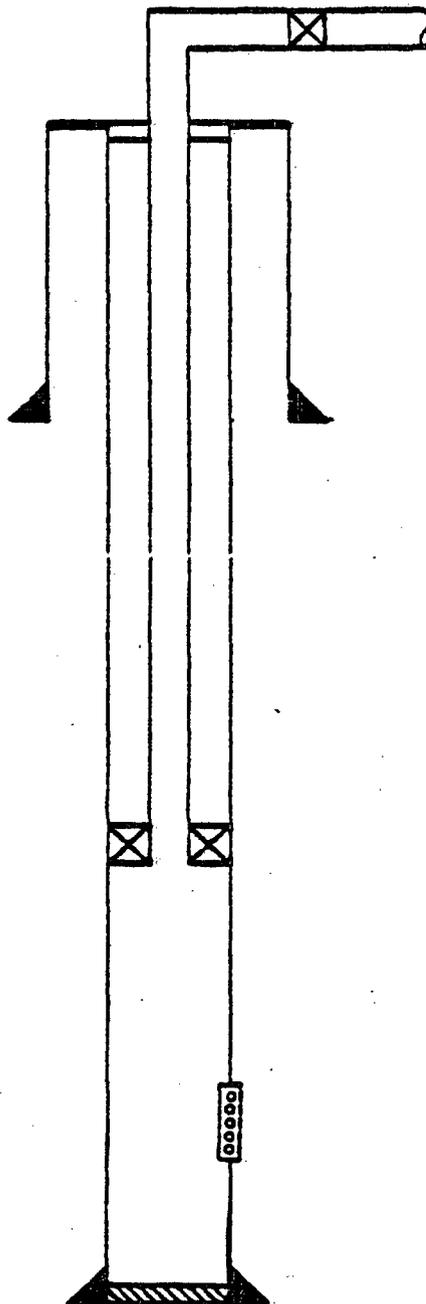
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-382

2400' FNL & 1600' FWL, Sec. 35, T-17S, R-28E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6300'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
6000'

Proposed perforations
6050-6300'

TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

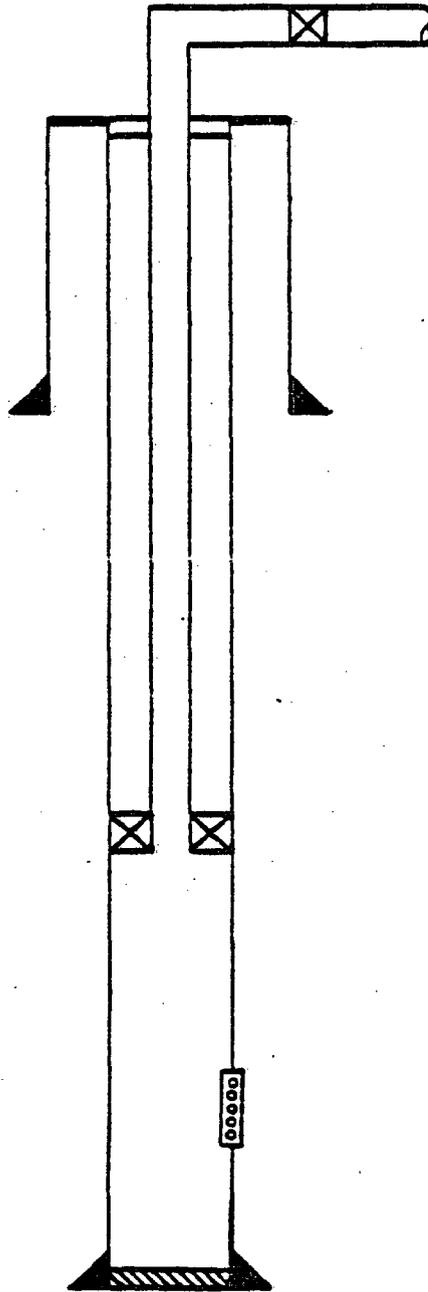
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-383

1600' FNL & 2350' FWL, Sec. 35, T-17S, R-28E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6300'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.

6000'

Proposed perforations

6050-6300'

TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

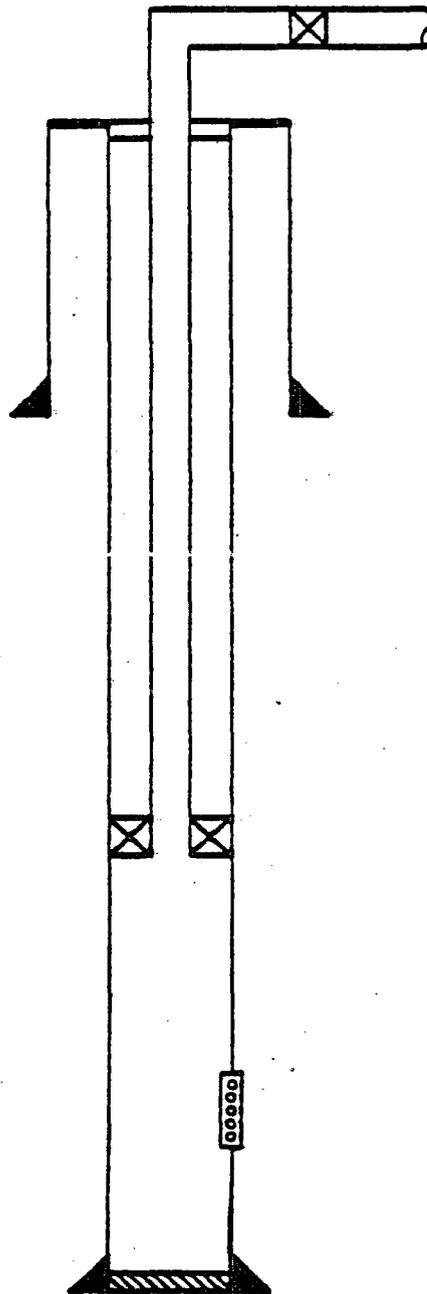
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-391

1545' FNL & 1625' FEL, Sec. 35, T-17S, R-28E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6300'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.

6000'

Proposed perforations

6050-6300'

TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

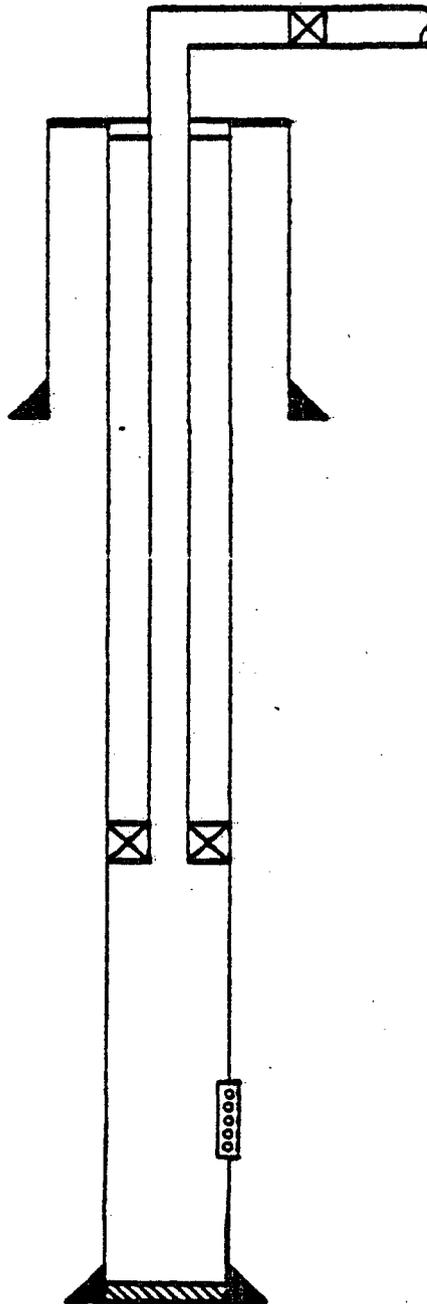
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-291

2000' FSL & 1200' FWL, Sec. 33, T-17S, R-28E
Eddy County, New Mexico

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

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



2-3/8" OD tubing

Pkr set @ approx.

6000'

Proposed perforations

6050-6250'

TD @

6250'

PROPOSED PRODUCING WELL DIAGRAM

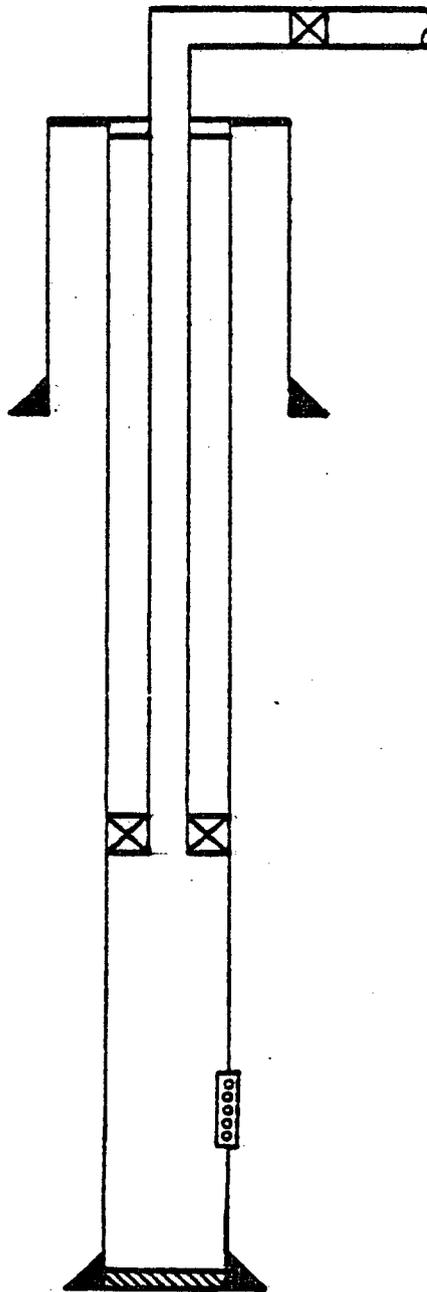
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-314
1450' FSL & 2000' FEL, Sec. 33, T-17S, R-28E

Eddy County, New Mexico

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

5-1/2" casing
set @ 6370'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
6000'

Proposed perforations
6050-6370'

TD @ 6370'

PROPOSED PRODUCING WELL DIAGRAM

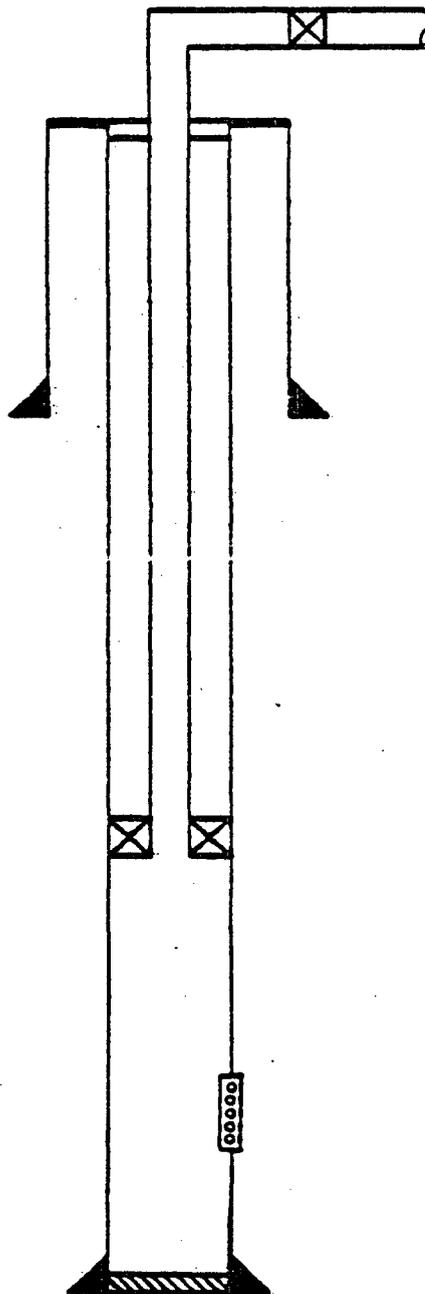
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-315

1900' FSL & 1450' FEL, Sec. 33, T-17S, R-28E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6370'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
6000'

Proposed perforations
6050-6370'

TD @ 6370'

PROPOSED PRODUCING WELL DIAGRAM

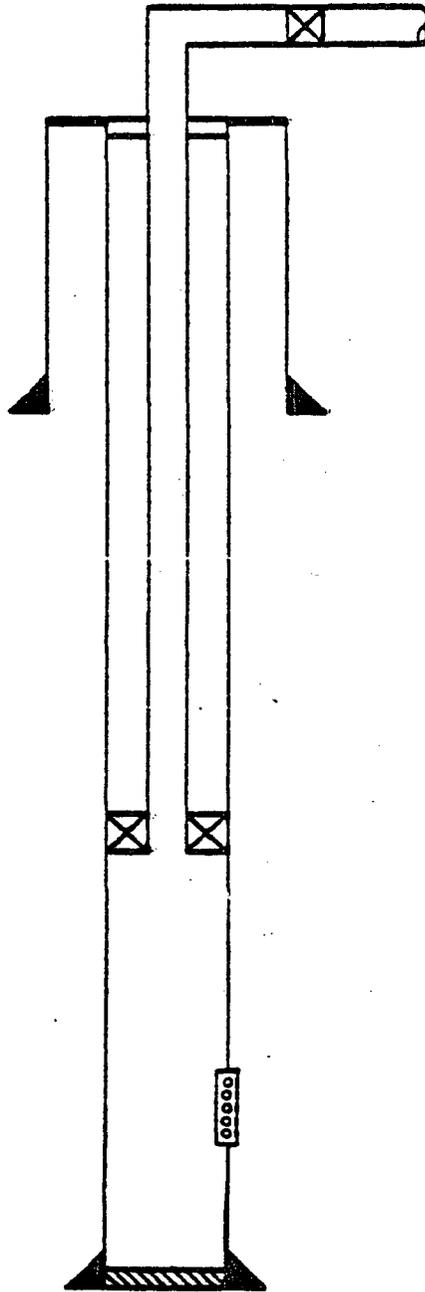
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-324

2250' FSL & 235' FEL, Sec. 33, T-17S, R-28E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6370'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.

6000'

Proposed perforations

6050-6370'

TD @ 6370'

PROPOSED PRODUCING WELL DIAGRAM

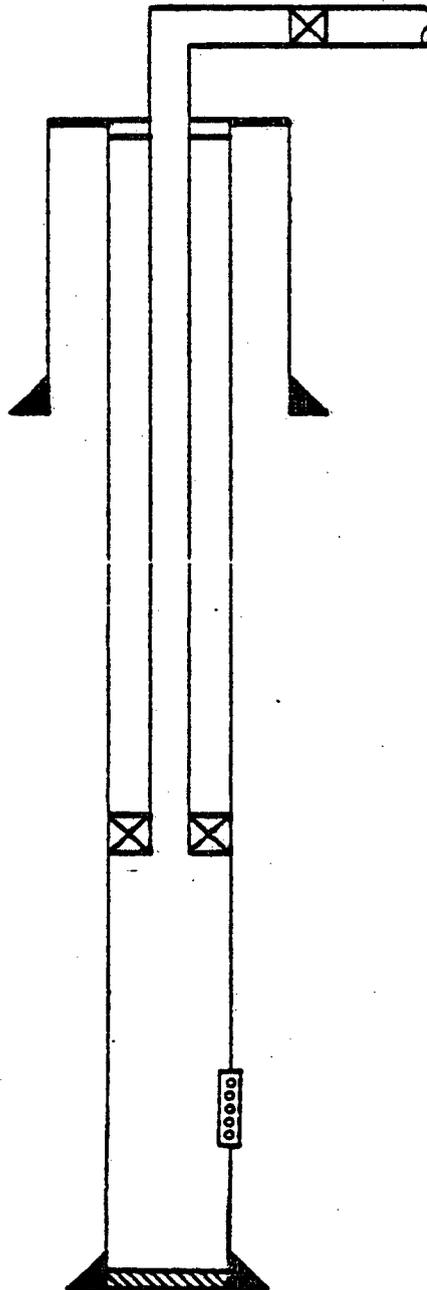
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-334

2400' FSL & 500' FWL, Sec. 34, T-17S, R-28E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6370'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
6000'

Proposed perforations
6050-6370'

TD @ 6370'

PROPOSED PRODUCING WELL DIAGRAM

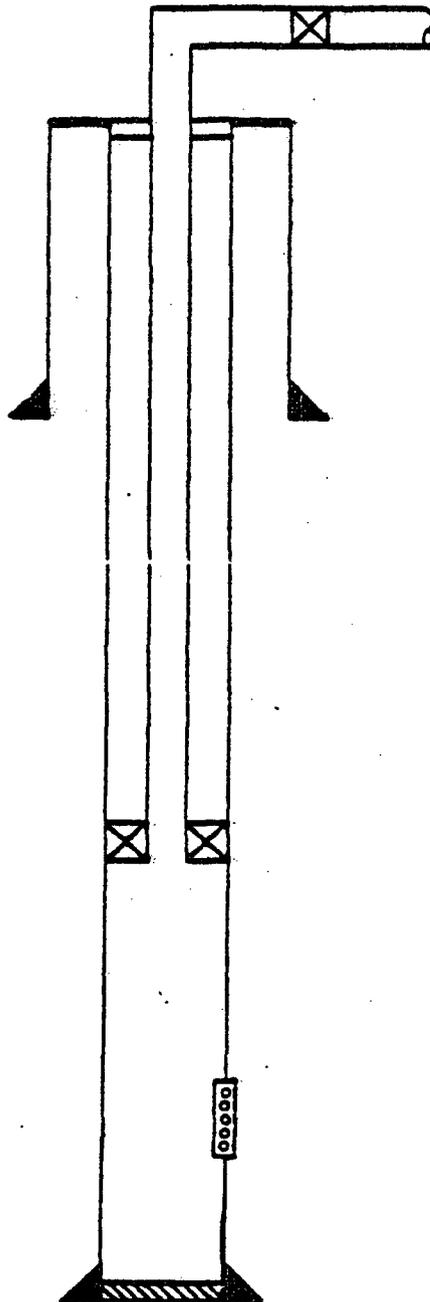
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-352

2200' FSL & 1450' FEL, Sec. 34, T-17S, R-28E
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.
6000'

Proposed perforations
6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

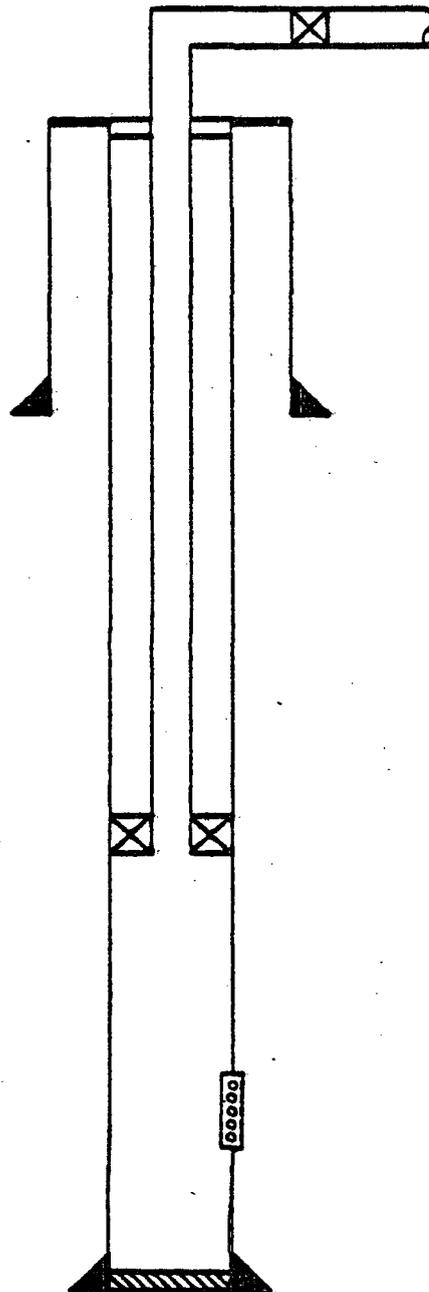
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-353

1420' FSL & 2050' FEL, Sec. 34, T-17S, R-28E
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.
6000'

Proposed perforations
6150-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

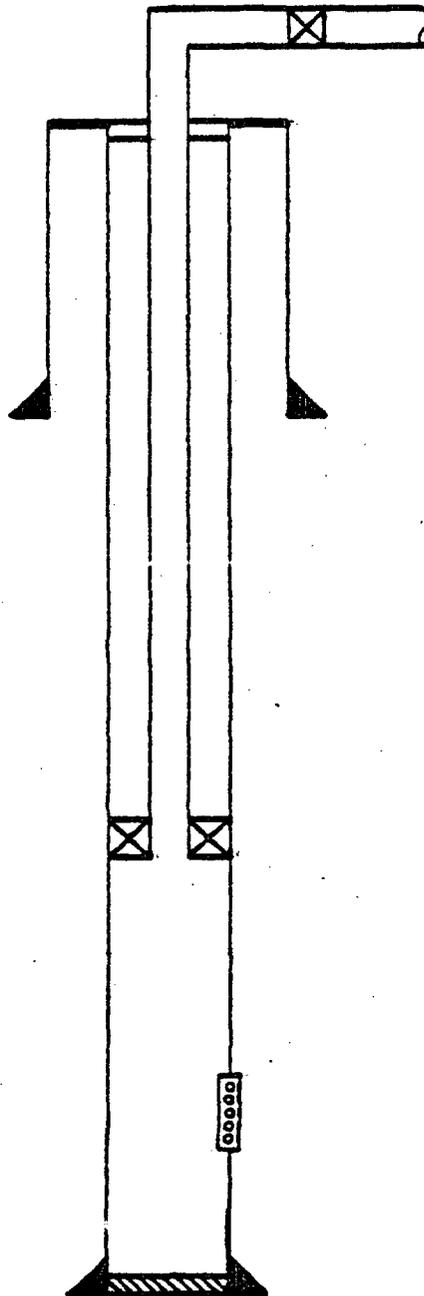
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-361

2400' FSL & 300' FEL, Sec. 34, T-17S, R-28E
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.

6000'

Proposed perforations

6050-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

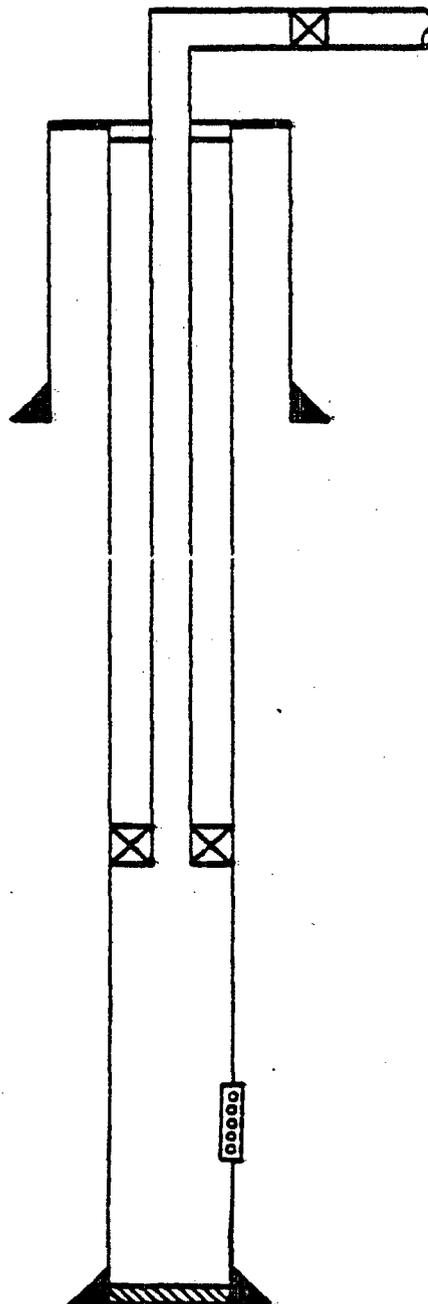
Empire Abo Unit Well H-341

1200' FSL & 2500' FWL, Sec. 34, T-17S, R-28E

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.
6100'

Proposed perforations
6150-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

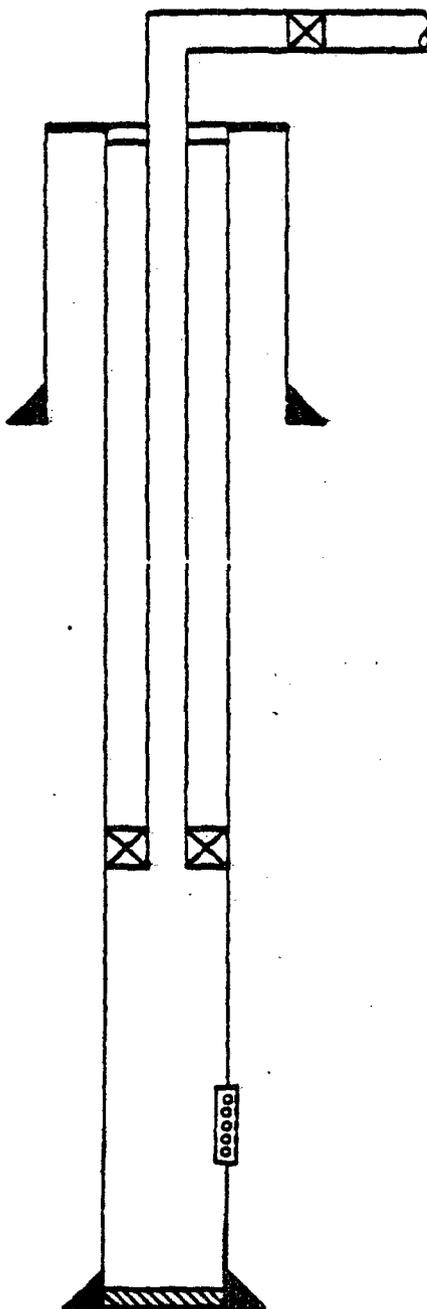
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well 1-292

485' FNL & 1070' FWL, Sec. 4, T-18S, R-28E
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.
6050'

Proposed perforations
6100-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

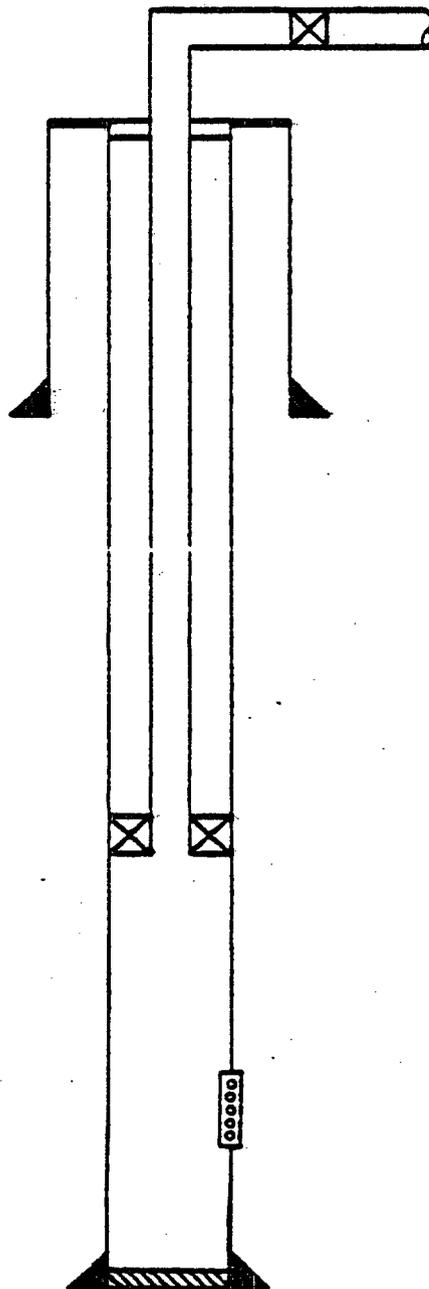
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well J-235

1750' FNL & 1600' FWL, Sec. 6, T-18S, R-28E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6300'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
6000'

Proposed perforations
6050-6300'

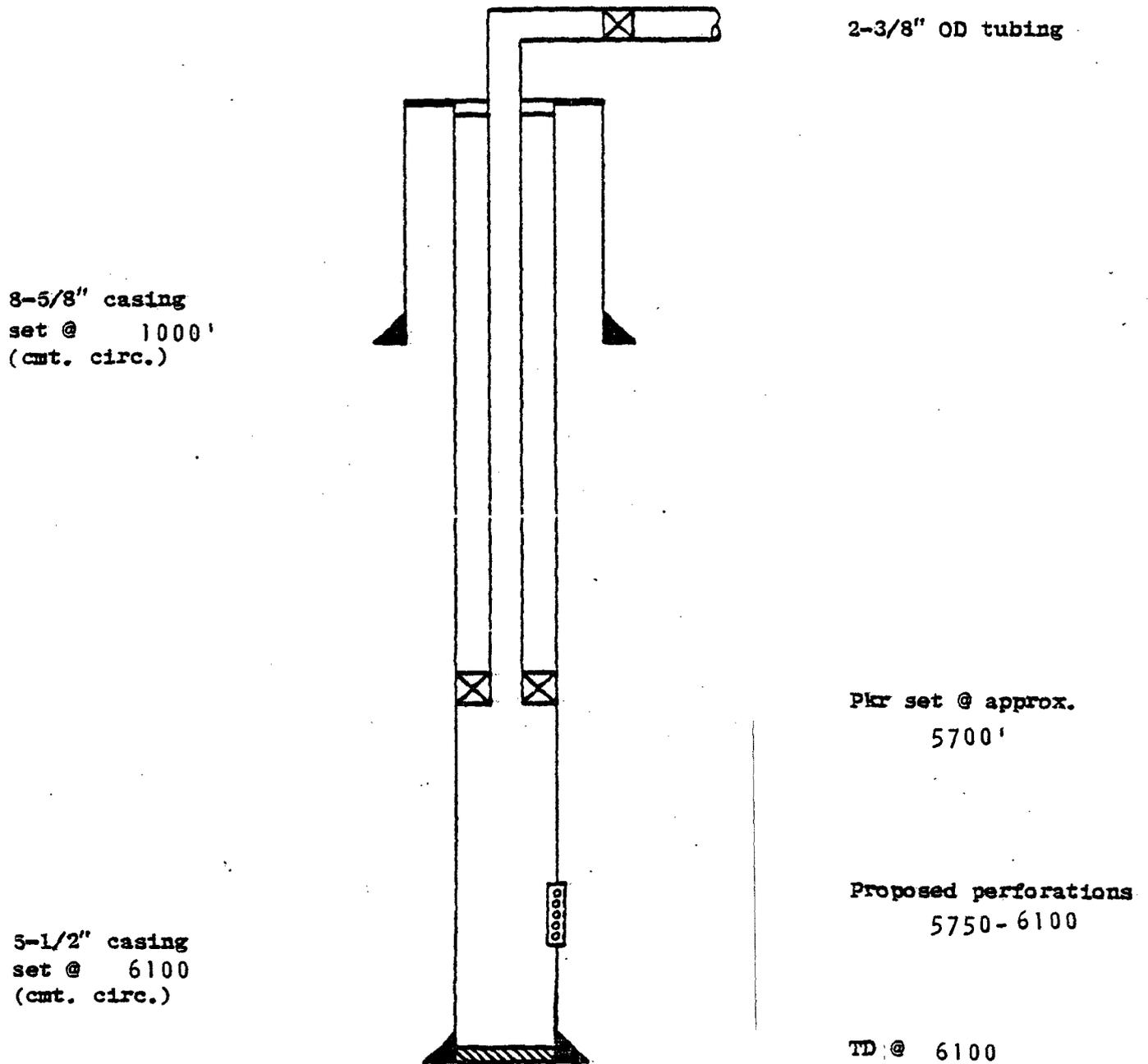
TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well K-131

1500' FSL & 600' FWL, Sec. 2, T-18S, R-27E
Eddy County, New Mexico



Bottom Hole location:
1600' FSL & 250' FWL, Sec. 2, T-18S, R-27E

PROPOSED PRODUCING WELL DIAGRAM

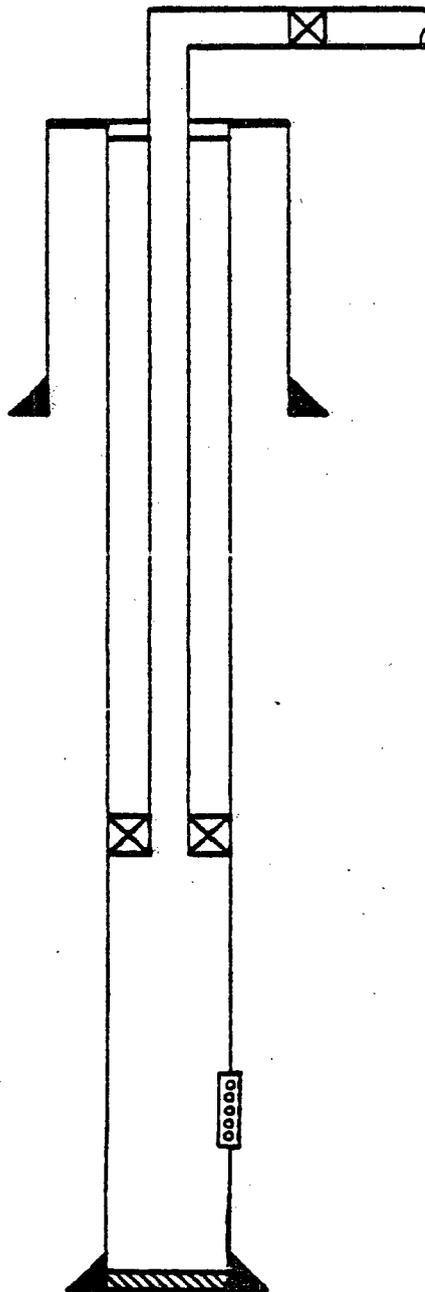
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well K-142

1700' FSL & 1400' FWL, Sec. 2, T-18S, R-27E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6100
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
5700'

Proposed perforations
5800-6100

TD @ 6100

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

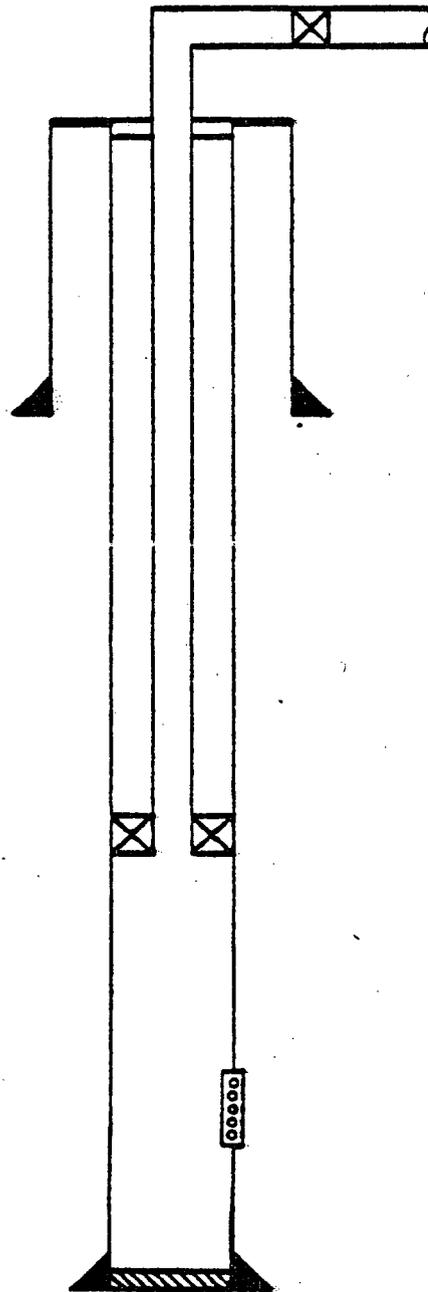
Empire Abo Unit Well K-143

1820' FSL & 2550' FWL, Sec. 2, T-18S, R-27E

Eddy County, New Mexico

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

5-1/2" casing
set @ 6100
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
5600'

Proposed perforations
5700-6100

TD @ 6100

PROPOSED PRODUCING WELL DIAGRAM

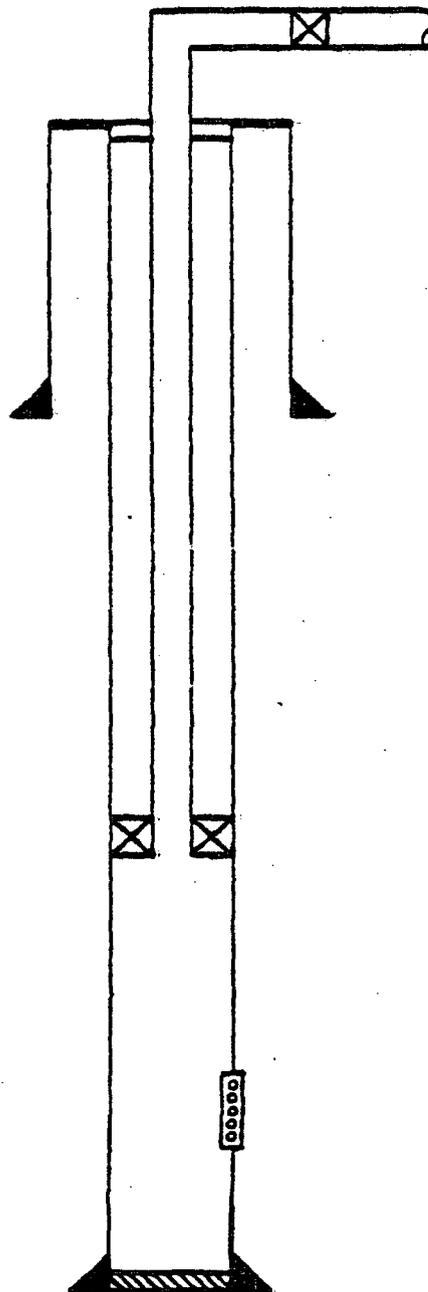
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well K-161
1310' FSL & 590' FEL, Sec. 2, 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.
6000'

Proposed perforations
6050-6225'

TD @ 6225'

PROPOSED PRODUCING WELL DIAGRAM

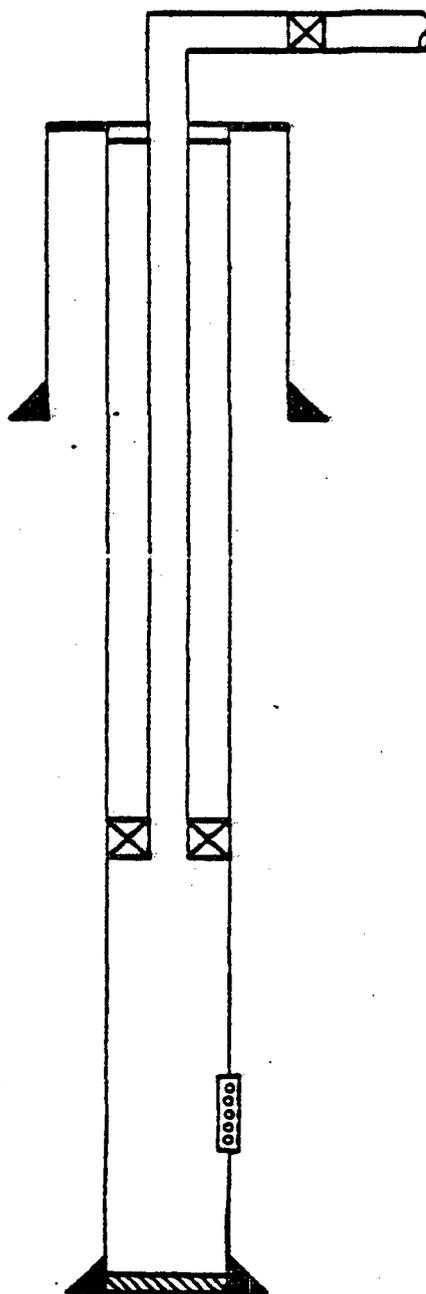
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well L-122
100' FSL & 430' FEL, Sec. 3, T-18S, R-27E

Eddy County, New Mexico

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

5-1/2" casing
set @ 6150'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
5700'

Proposed perforations
5750-6150'

TD @ 6150'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

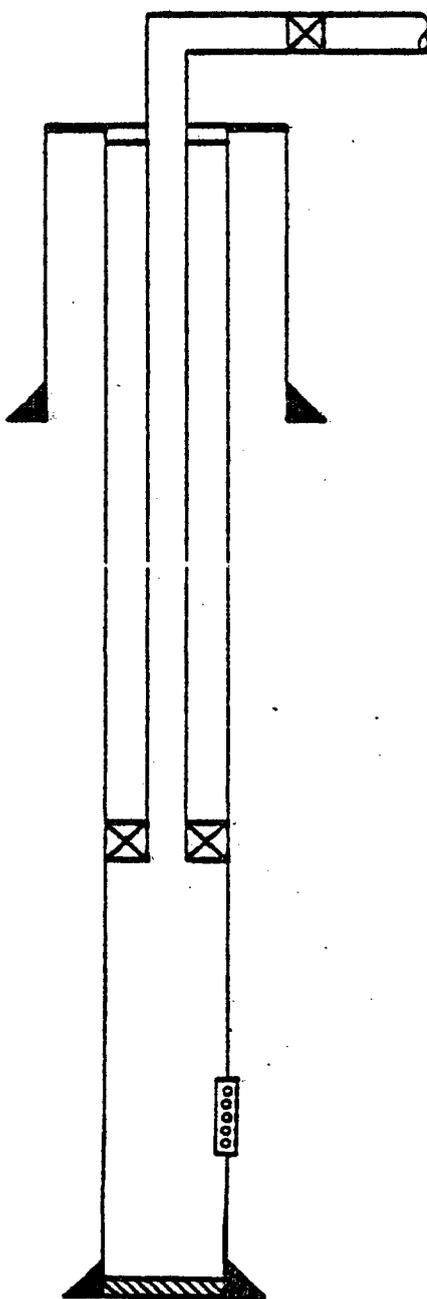
Empire Abo Unit Well L-123

660' FSL & 250' FEL, Sec. 3, T-18S, R-27E

Eddy County, New Mexico

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

5-1/2" casing
set @ 6100'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
5700'

Proposed perforations
5750-6100'

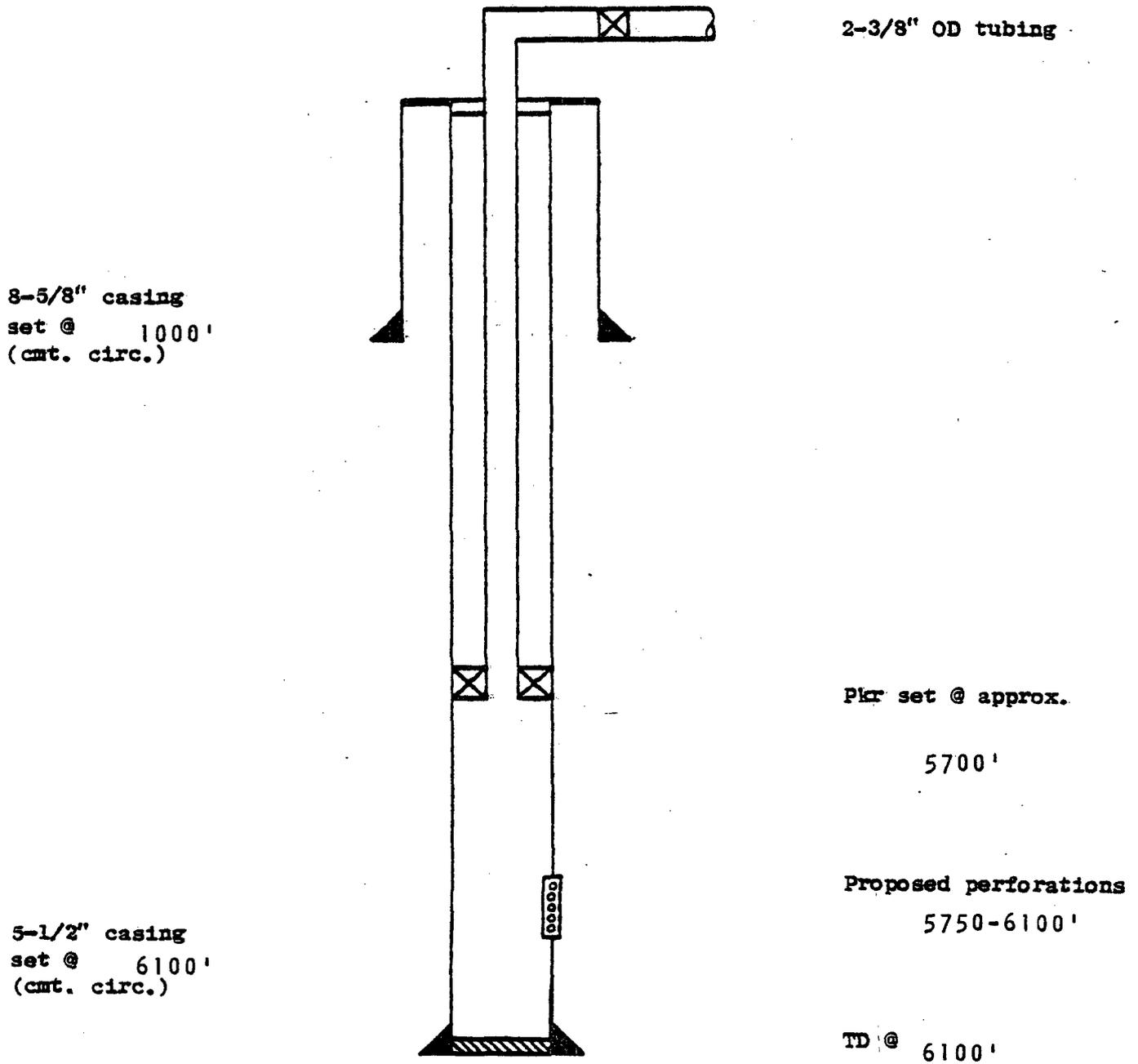
TD @ 6100'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well L-133

800' FSL & 950' FWL, Sec. 2, T-18S, R-27E
Eddy County, New Mexico



Bottom hole location:
1250' FSL & 700' FWL, Sec. 2, T-18S, R-27E

PROPOSED PRODUCING WELL DIAGRAM

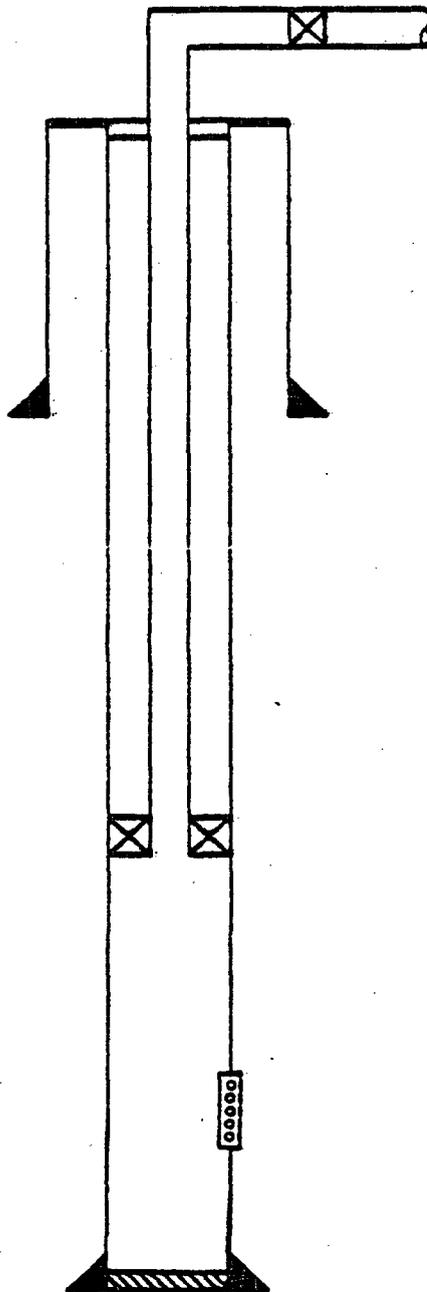
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well L-134

10' FSL & 640' FWL, Sec. 2, T-18S, R-27E
Eddy County, New Mexico

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

5-1/2" casing
set @ 6150'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
5800'

Proposed perforations
5850-6150'

TD @ 6150'

PROPOSED PRODUCING WELL DIAGRAM

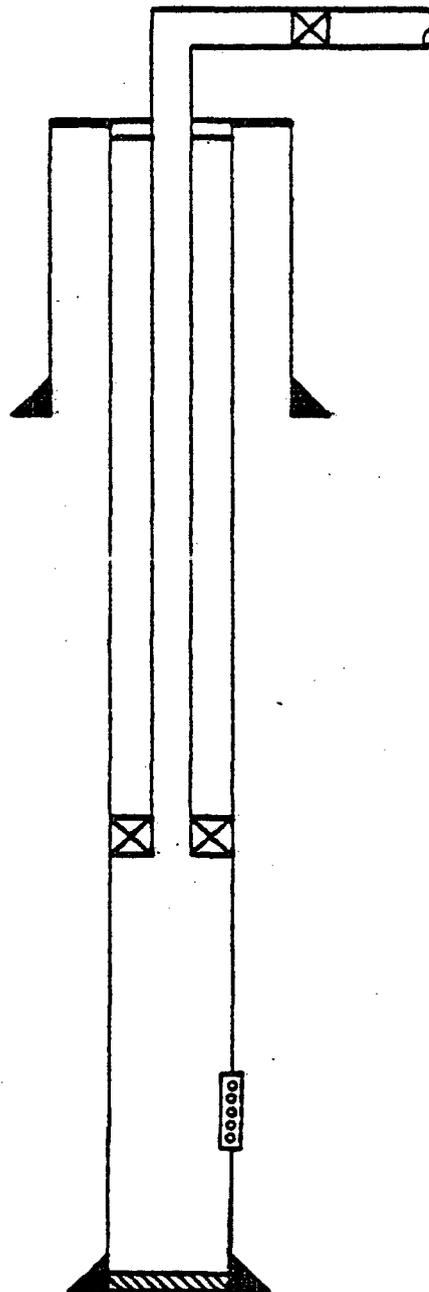
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well L-155

1040' FSL & 2025' 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.

5700'

Proposed perforations

5750-6200'

TD @ 6200'

PROPOSED PRODUCING WELL DIAGRAM

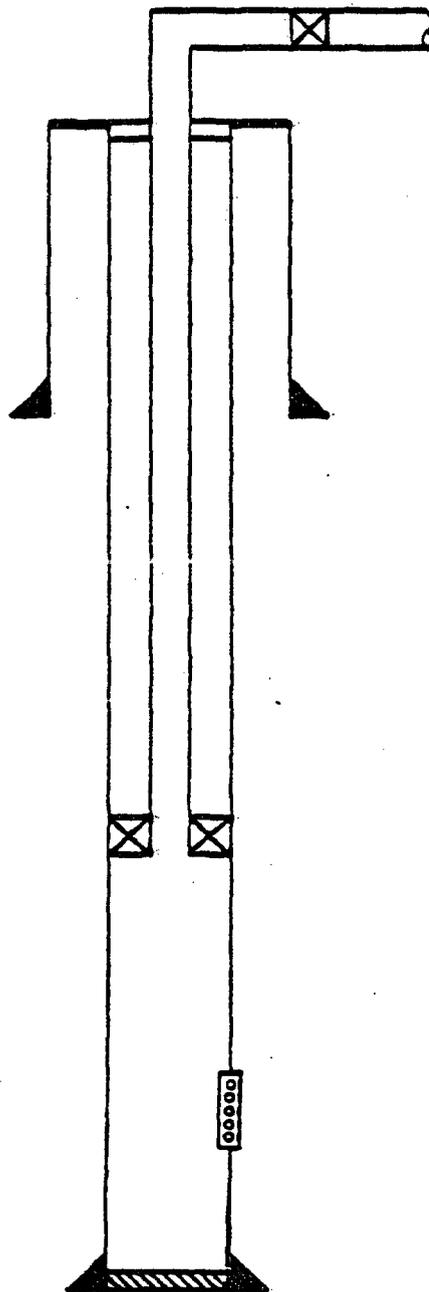
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well L-156

600' FSL & 1330' FEL, Sec. 2, 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.
5900'

Proposed perforations
5950-6225'

TD @ 6225'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

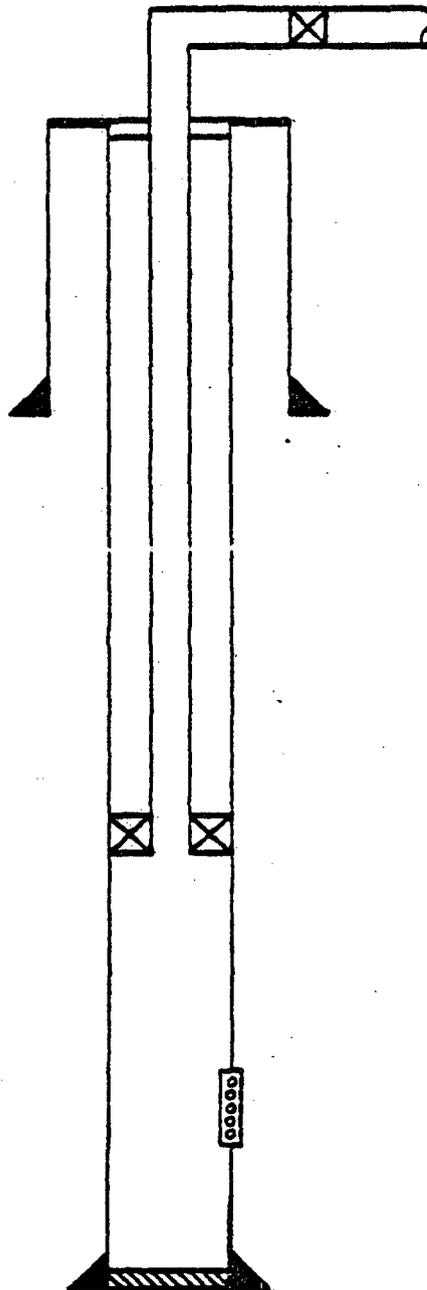
Empire Abo Unit Well L-171

670' FSL & 300' FWL, Sec. 1, T-18S, R-27E

Eddy County, New Mexico

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

5-1/2" casing
set @ 6300'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx.
6000'

Proposed perforations
6050-6300'

TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

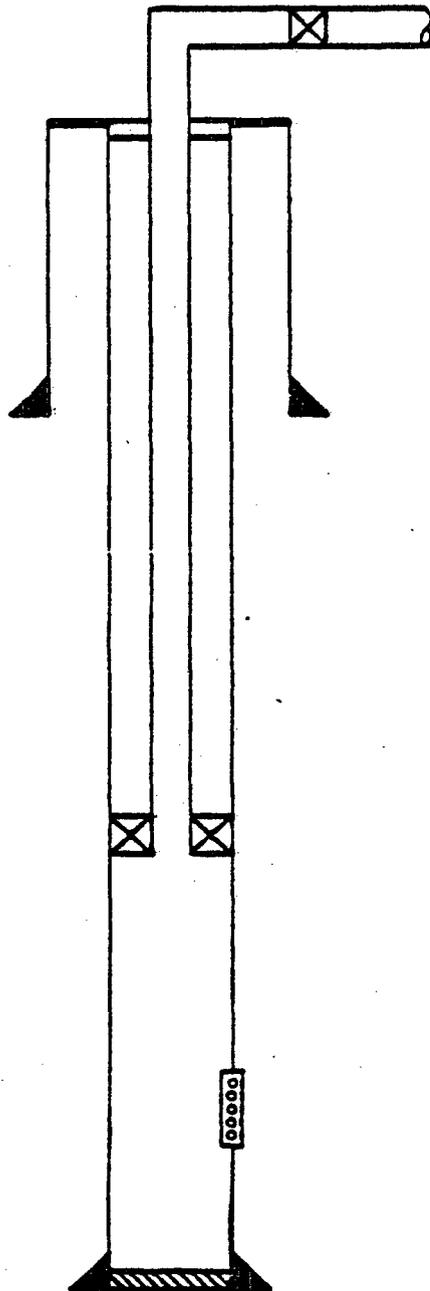
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well L-191

1120' FSL & 1440' FEL, Sec. 1, T-18S, R-27E
Eddy County, New Mexico

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

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



2-3/8" OD tubing

Pkr set @ approx.
6100'

Proposed perforations
6200-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

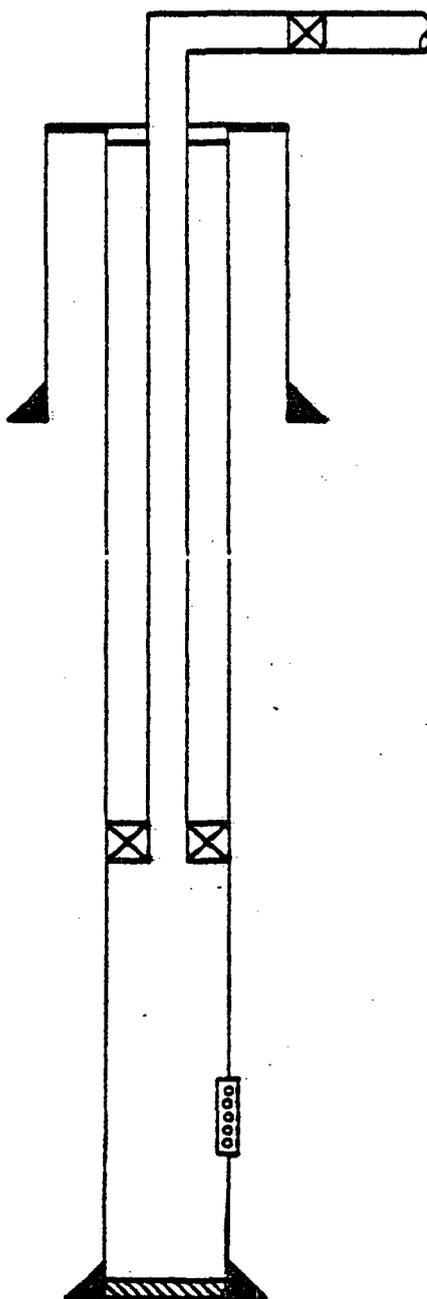
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well M-123

1050' FNL & 100' FEL, Sec. 10, 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.
6000'

Proposed perforations
6050-6225'

TD @ 6225'

PROPOSED PRODUCING WELL DIAGRAM

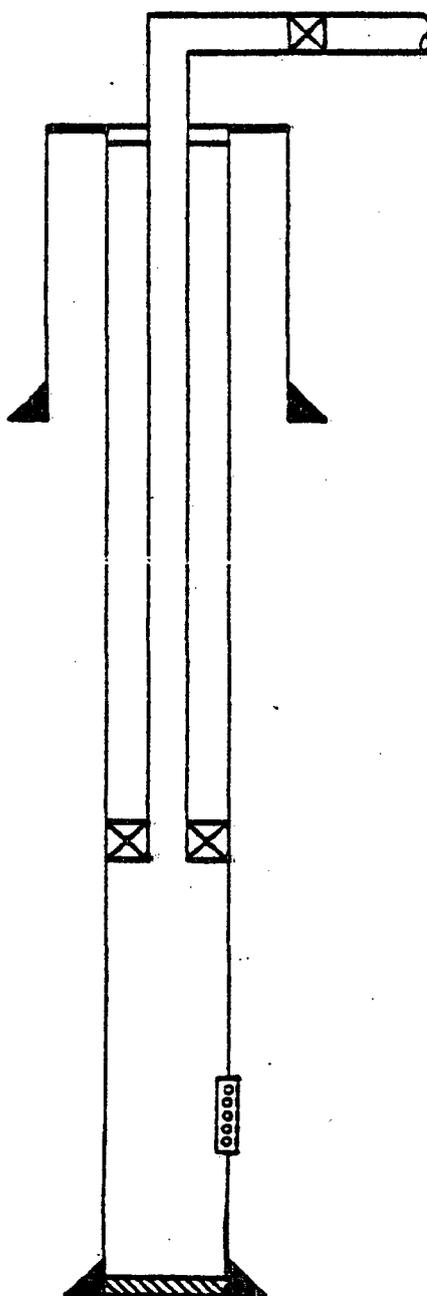
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well M-133
450' FNL & 1175' FWL, Sec. 11, 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.
6000'

Proposed perforations
6050-6225'

TD @ 6225'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

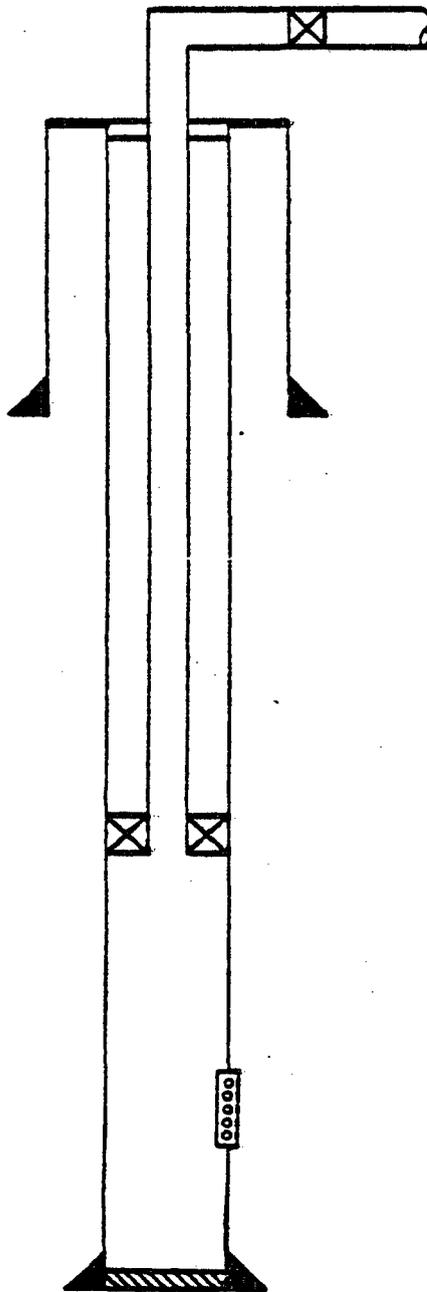
Empire Abo Unit Well M-141

225' FNL & 2280' FWL, Sec. 11, 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.
6000'

Proposed perforations
6050-6225'

TD @ 6225'

