

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

Form C-102
Supersedes C-128
Effective 1-1-55

All distances must be from the outer boundaries of the Section

Operator Atlantic Richfield Co.			Lease Empire Abo Unit - E			Acct. No. 373		
Tract Letter D	Section 35	Township 17 South	Range 28 East	County Eddy				
Actual Footage Location of Well:								
150	feet from the	North	line and	15	feet from the	West		
Ground Level Elev. 3670.4	Producing Formation		Pool		Estimated 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.

150' 15'					

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

I. J. Natour *I. J. Natour*

Operations Engineer

Atlantic Richfield Company

December 27, 1977

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.

December 15, 1977

Registered Professional Engineer
and Licensed Surveyor

John M. Whit

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

Form C-128
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 - E		Well No. 361
Tract Letter A	Section 34	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 620 feet from the North line and 1200 feet from the East line					
Ground Level Elev. 3671.6	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 (if on 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

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I. J. Natour

Name

I. J. Natour

Position

Operations Engineer

Company

Atlantic Richfield Company

Date

December 27, 1977

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.

December 15, 1977

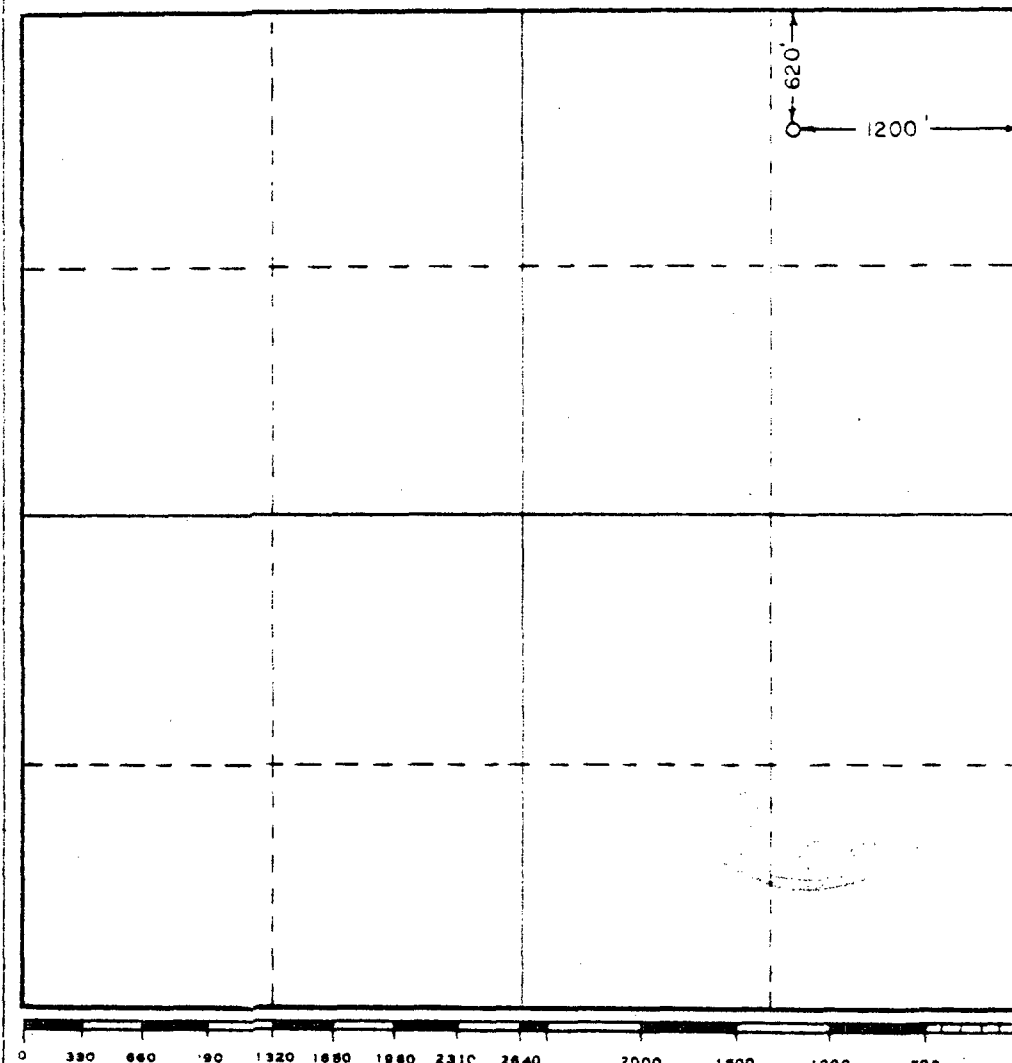
Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No.

676



**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.

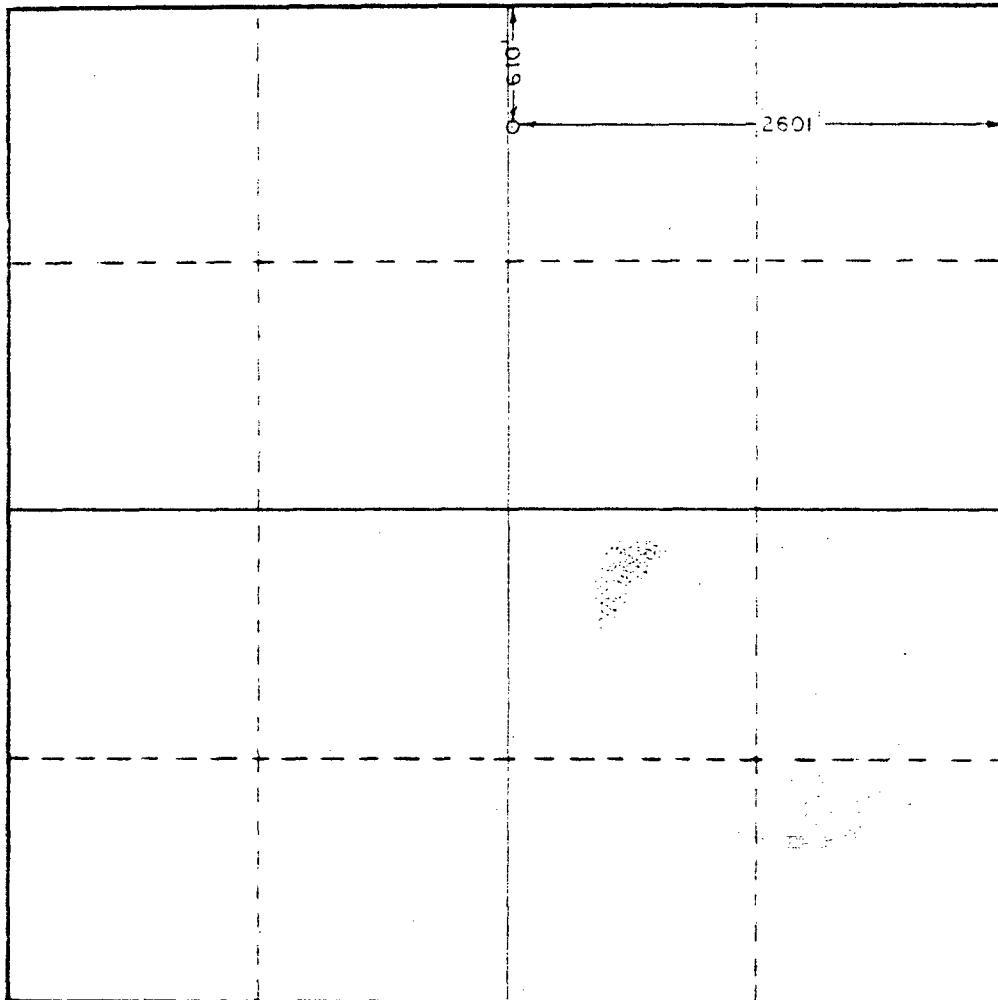
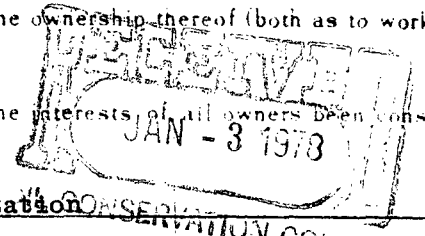
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - E			Acres 351		
Section B	Section 34	Section 17 South	Section 28 East	Section Eddy				
Actual Footage Location of well:								
610	feet from the	North	2601	feet from the	East	feet		
Ground Level Elev. 3673.9	Producing Formation		Pool	Estimated 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**

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CERTIFICATION

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I. J. Natour

Name
I. J. Natour

Position
Operations Engineer

Company
Atlantic Richfield Company

Date
December 27, 1977

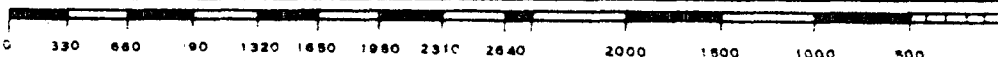
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

December 15, 1977

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

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



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WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
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All distances must be from the outer boundaries of the Section.

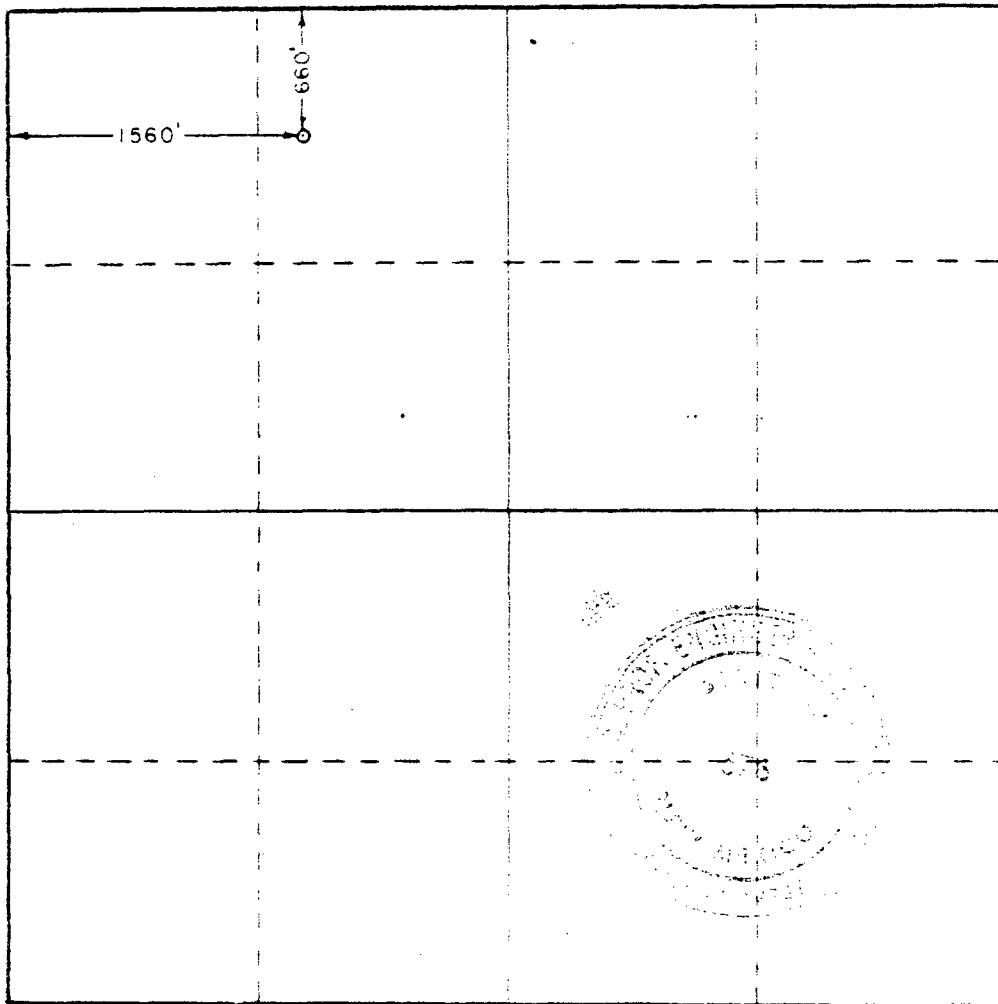
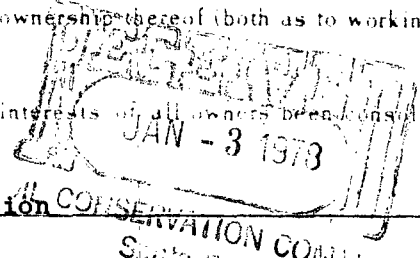
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - E		Well No. 341
Section Letter C	Section 34	Range 17 South	Meridian 28 East	County Eddy	
Actual Surface Location of Well: 660 feet from the North line and 1560 feet from the West line.					
Ground Level Elev 3675.7	Producing Formation		Pool	Dedicated Acreage Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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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 (see reverse side of this form if necessary.) _____

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CERTIFICATION

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I. J. Natour
Name

I. J. Natour
Position

Operations Engineer

Atlantic Richfield Company
Company

December 27, 1977
Date

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December 15, 1977

Registered Professional Engineer
in the State of New Mexico

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

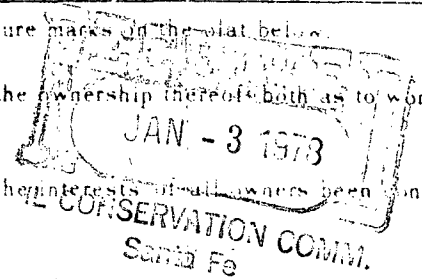
**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

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 - F		Acres 321
Unit Letter H	Section 33	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1610 feet from the North line and 250 feet from the East line.					
Ground Level Elev. 3674.3	Producing Formation		Pool	Estimated Acreage	

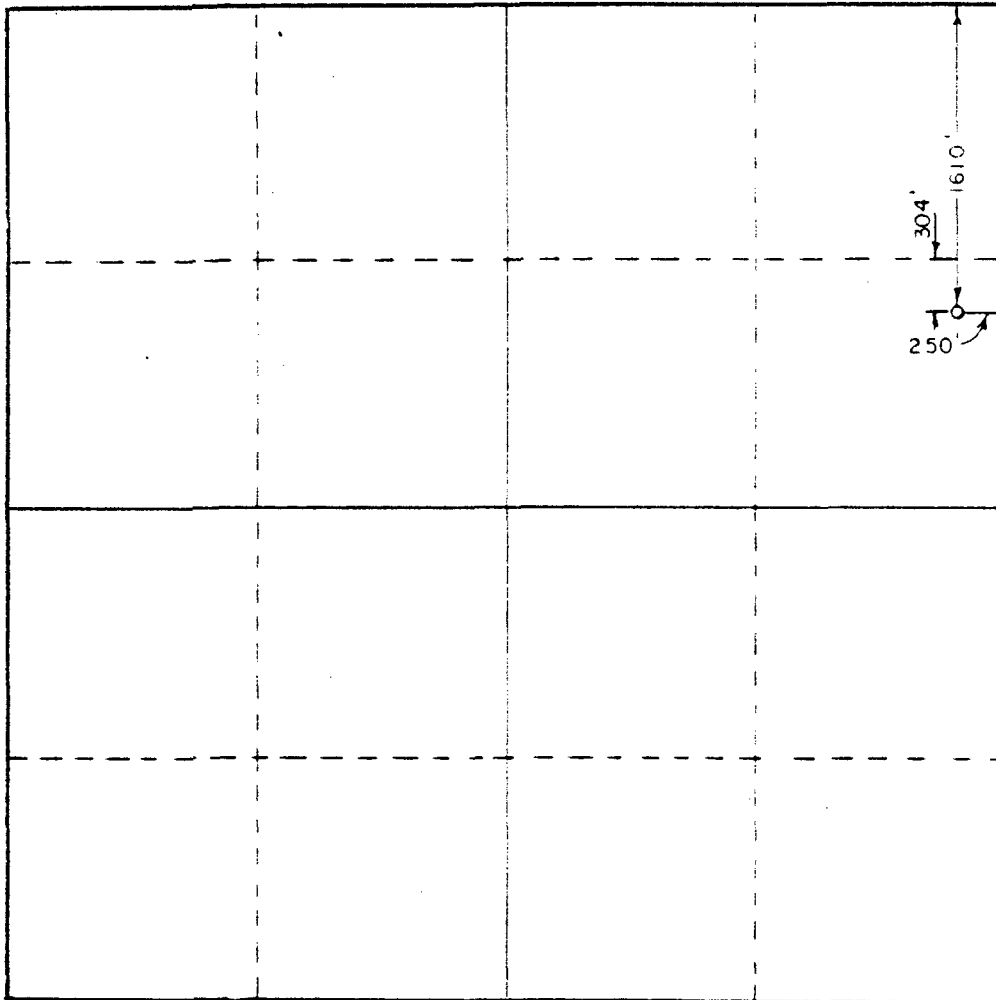
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2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners 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.) _____

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

I. J. Natour

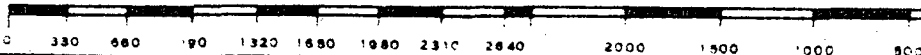
Name **I. J. Natour**
Position **Operations Engineer**
Company **Atlantic Richfield Company**
Date **December 27, 1977**

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.

December 15, 1977

Registered Professional Engineer
and/or Land Surveyor

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



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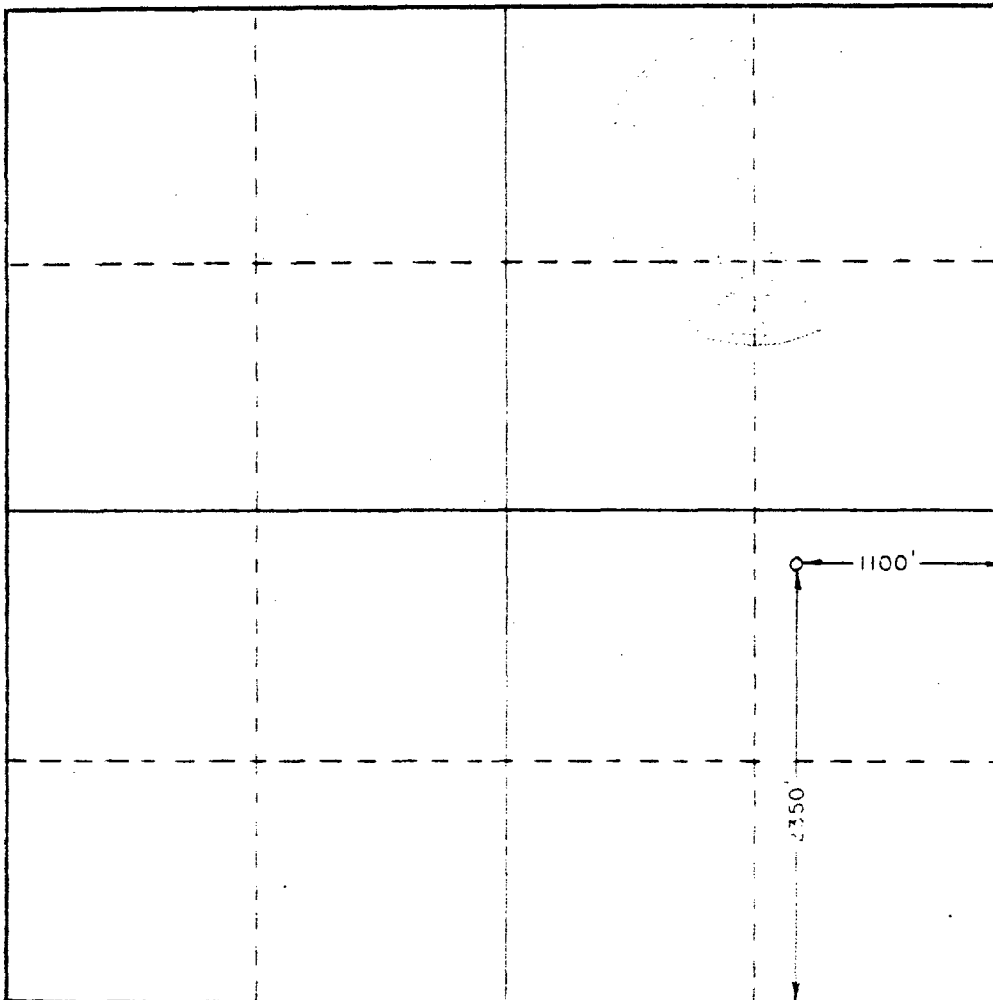
Operator Atlantic Richfield Co.			Lessee Empire Abo Unit - G		Well No. 322
Tract Letter I	Section 33	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well:					
2350	feet from the	South	line and	1100	feet from the East
Ground Level Elev. 3665.6	Producing Formation		Pool	Dedicated 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.) _____

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

I. J. Natour

Name
I. J. Natour

Position
Operations Engineer

Company
Atlantic Richfield Company

Date
December 27, 1977

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.

December 15, 1977

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No.

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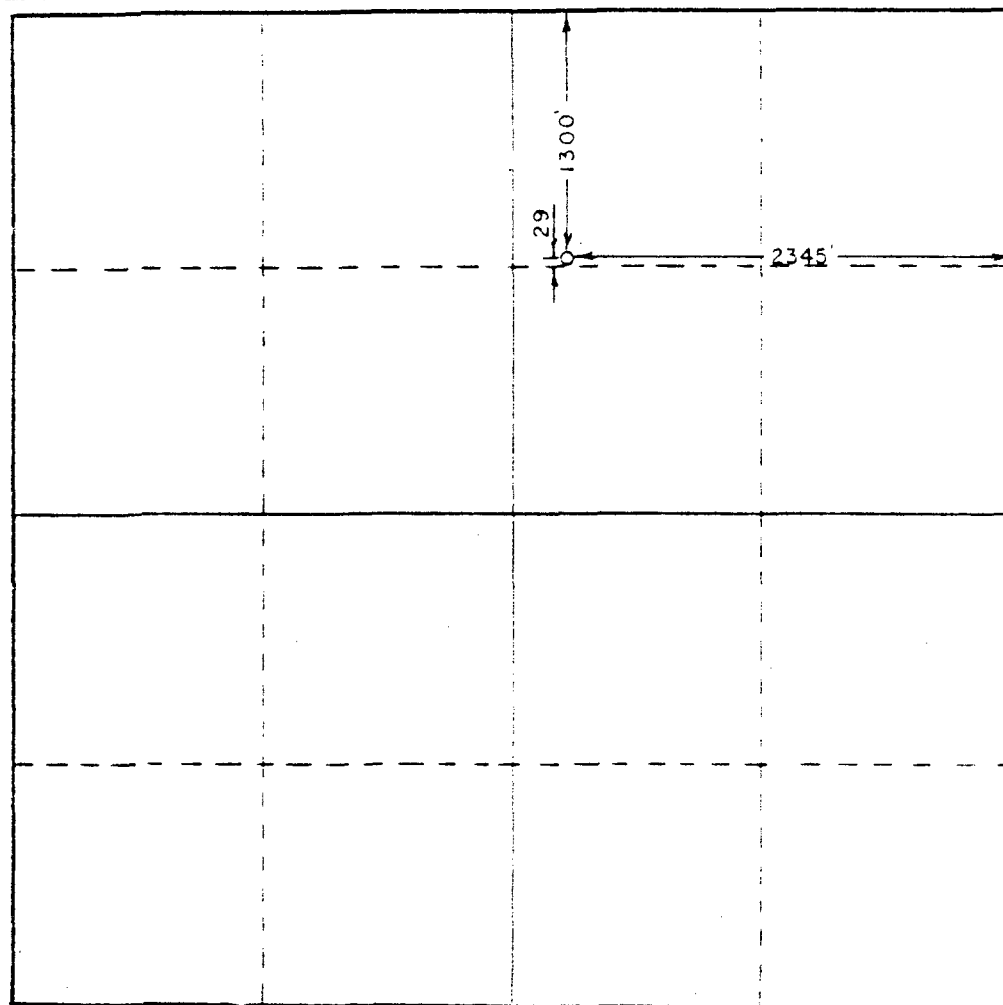
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - I		Acres 272
Section B	Section 5	Range 18 South	Range 28 East	County Eddy	
Actual Plotage Location of Well:					
1300	feet from the	North	Line and	2345	feet from the East
Ground Level Elev. 3651.9	Producing Formation		Pool		Estimated Age (years)

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 communization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation **Unitization** **State Fe**

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) _____

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

I. J. Natour
Name

I. J. Natour

Position

Operations Engineer

Company

Atlantic Richfield Company

Date

December 27, 1977

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.

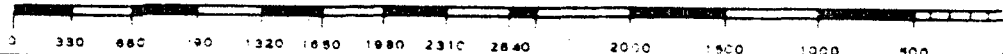
December 19, 1977

Date Surveyed

Registered Professional Engineer
in the State of New Mexico

John W. West
Certificate No.

676



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

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

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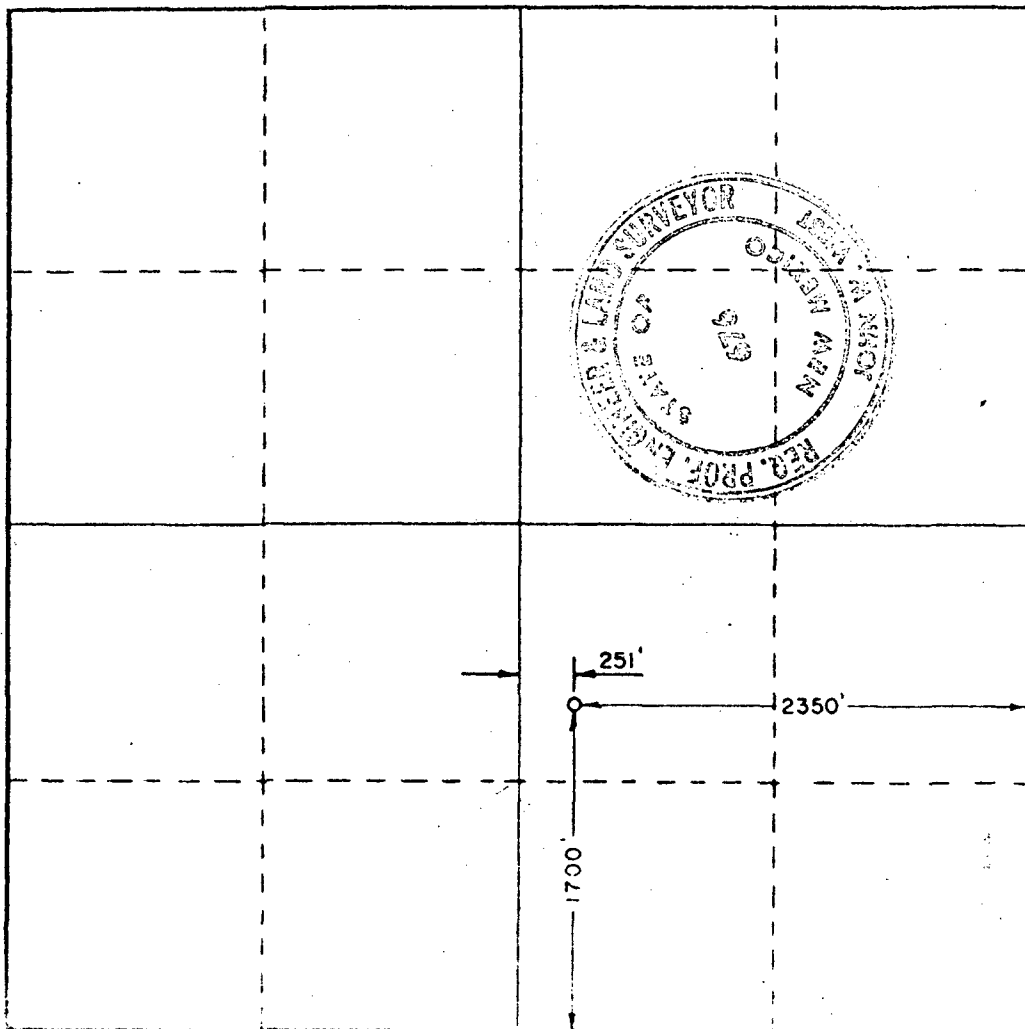
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - K		Well No. 231
Unit Letter J	Section 6	Township 18 South	Range 28 East	County Eddy	
Actual Footage Location of Well:					
1700	feet from the	South	line and	2350	feet from the East line
Ground Level Elev. 3649.3	Producing Formation		Pool		Dedicated 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.

A. J. Natour

Name

I. J. Natour

Position

Operations Engineer

Company

Atlantic Richfield Company

Date

December 27, 1977

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.

December 19, 1977

Date surveyed

Registered Professional Engineer
and or Land Surveyor

John W. West

**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

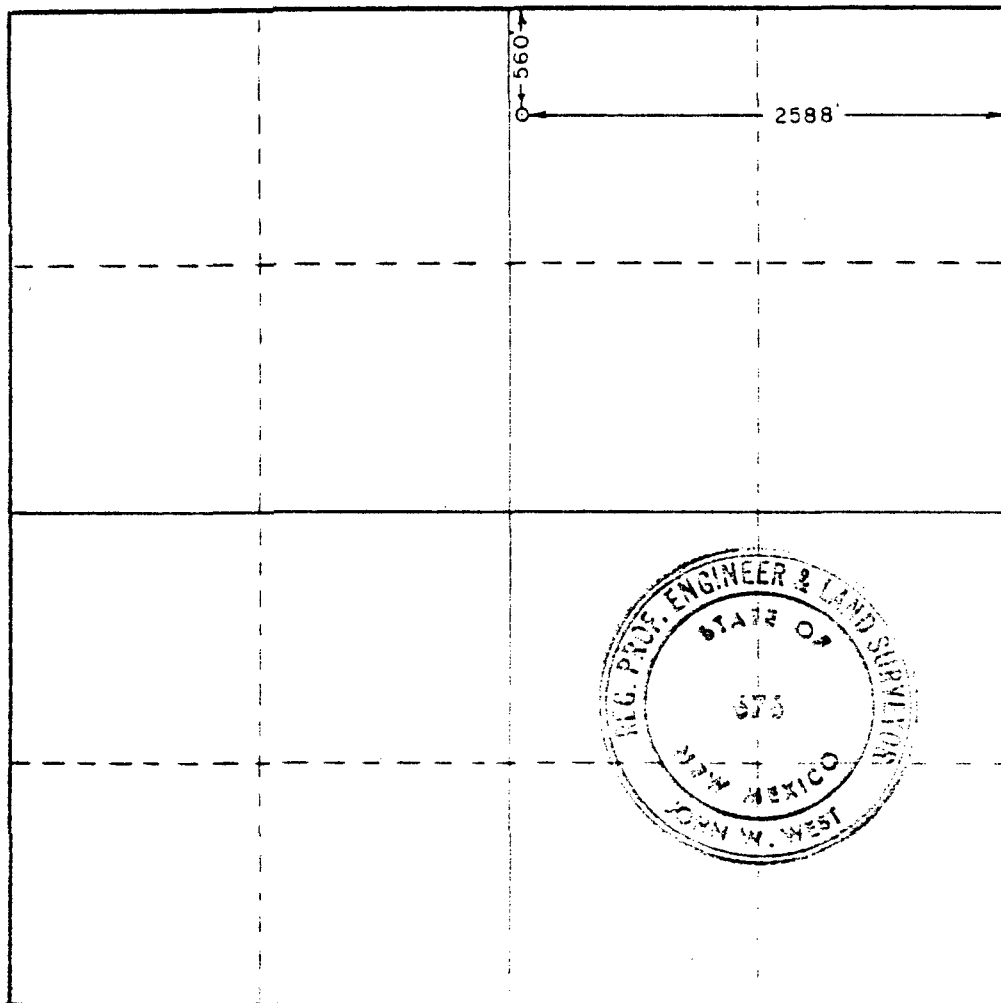
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - M		Well No. 152
Section Letter B	Section 11	Township 18 South	Range 27 East	County Eddy	
Actual Footage Location of Well: 560 feet from the North line and 2588 feet from the East line					
Ground Level Elev. 3589.8	Producing Formation		Pool	Dedicated Acreage: Acres	

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

☒ Yes ☐ No If answer is "yes," type of consolidation **Unitization**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

I. J. Natour

I. J. Natour

Operations Engineer

Atlantic Richfield Company

December 27, 1977

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.

December 14, 1977

[Signature]

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

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

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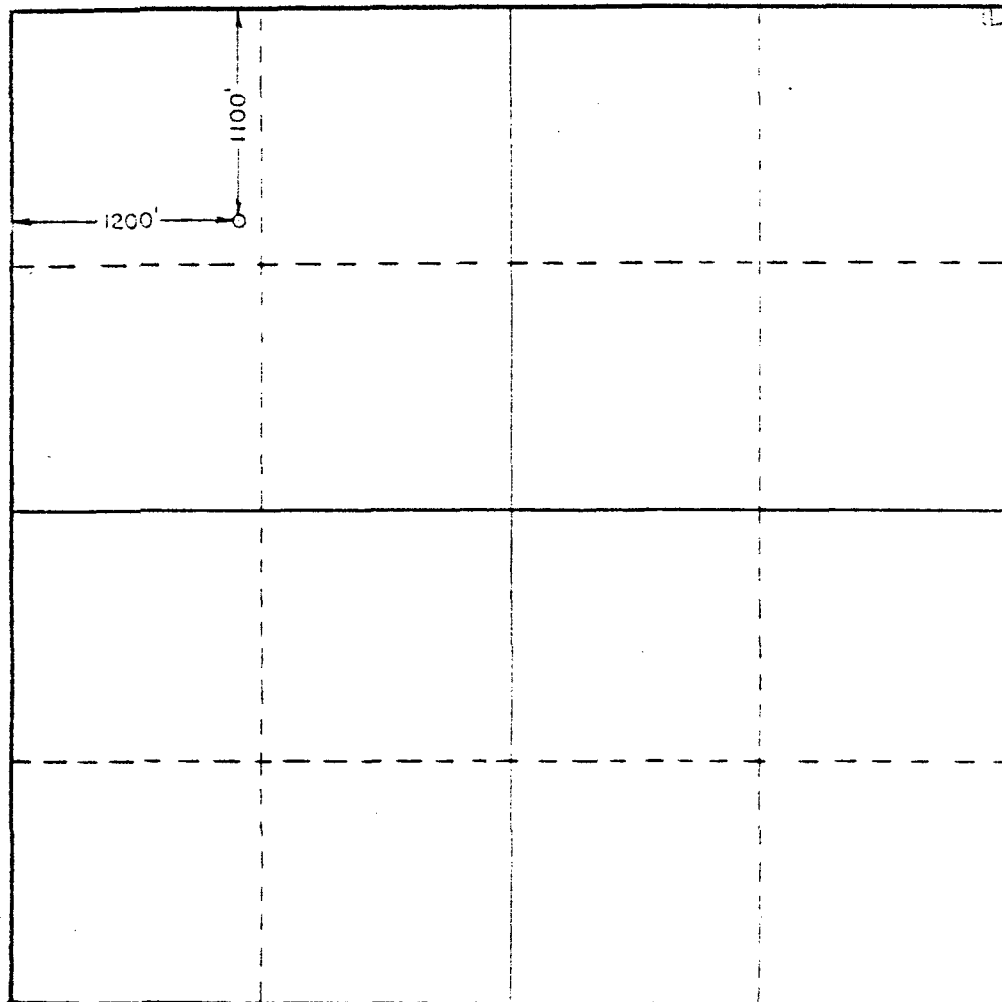
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - M		Acres 131
Tract Letter D	Section 11	Township 13 South	Range 27 East	County Eddy	
Actual Photage Location of Well:					
1100	feet from the	North	line and	1200	feet from the West line
Ground Level Elev. 3568.3	Producing Formation		Pool		Estimated 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 (if so reverse side of this form if necessary.) _____

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**CONSERVATION COMMISSION
CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

I. J. Natour
Name

I. J. Natour
Position

Operations Engineer
Company

Atlantic Richfield Company
Date

December 27, 1977

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.

December 14, 1977
Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

John W. West
Certificate No.

676

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

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Owner Atlantic Richfield Co.			Lease Empire Abo Unit - G		Well No. 343
Section K	Section 34	Township 17 South	Range 28 East	County Eddy	
Well Location Location of Well:					
1500	feet from the South	1820	feet from the West		
Ground Level Elev. 3659.5	Producing Formation	Prod.	Estimated 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.) _____

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RECEIVED
JAN - 3 1978
NEW MEXICO OIL CONSERVATION COMMISSION
CARLSBAD

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

I. J. Natour

I. J. Natour

Operations Engineer

Atlantic Richfield Company

December 27, 1977

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.

December 15, 1977

[Signature]

**NEW MEXICO OIL CONSERVATION COMMISSION
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All distances must be from the outer boundaries of the Section

Operator Atlantic Richfield Co.			Lease Empire Abo Unit - G		Acres 332
Unit Letter L	Section 34	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 1575 feet from the South line and 660 feet from the West line					
Ground Level Elev. 3658.4	Producing Formation		Pool	Estimated Acreage	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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I. J. Natour

I. J. Natour

Operations Engineer

Atlantic Richfield Company

December 27, 1977

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.

December 16, 1977

[Signature]

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

Form O-100
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Effective 1-1-65

All distances must be from the outer boundaries of the Section

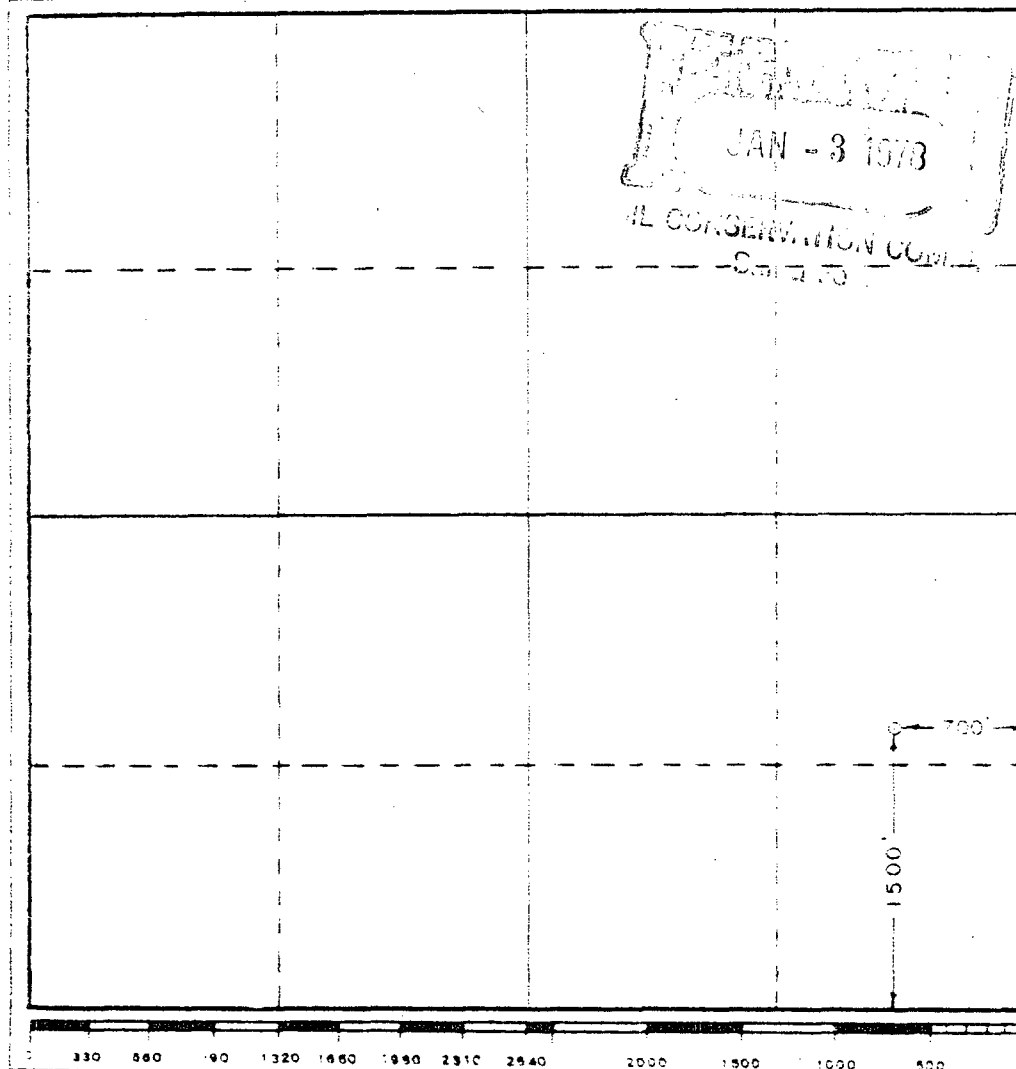
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - G			Well No. 323		
East Letter 1	Section 33	Township 17 South	Range 28 East	County Eddy				
Actual Surface Location of Well: 1500 feet from the South line and 700 feet from the East line								
Ground Level Elev. 3663.9		Producing Formation		Foot		Dedicated Acreage		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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I. J. Natour

I. J. Natour

Operations Engineer

Atlantic Richfield Company

December 27, 1977

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December 16, 1977

Registered Professional Engineer
and/or Land Surveyor

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

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Effective 1-1-65

All distances must be from the outer boundaries of the Section

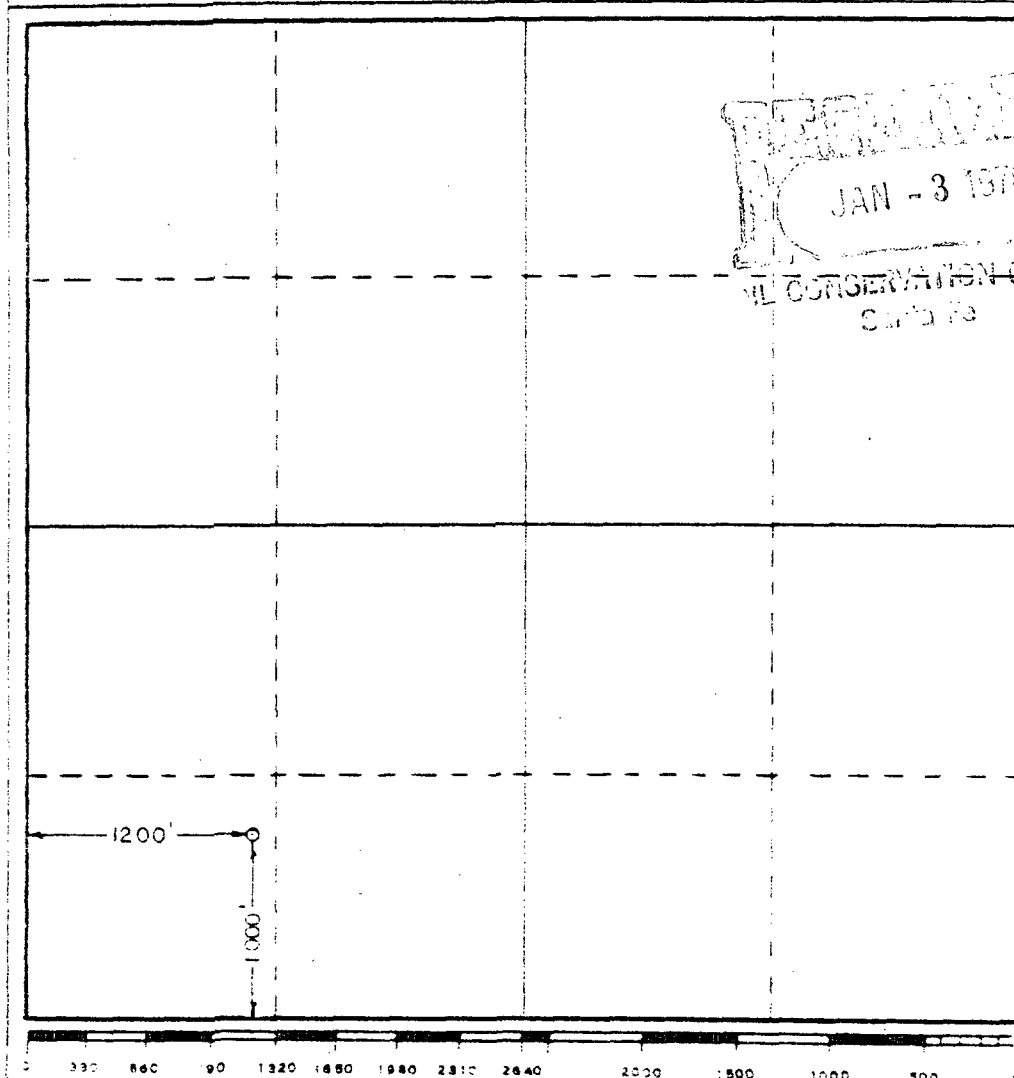
Operator Atlantic Richfield Co.		Lease Empire Abo Unit - H		Section 331
Unit Letter M	Section 34	Range 17 South	Meridian 28 East	County Eddy
Actual Footage Location of Well:				
1000	feet from the	South	Line and	1200
				feet from the
				West
Ground Level Elev. 3658.4	Producing Formation	Pool	Estimated Acreage	

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

☒ Yes ☐ No If answer is "yes," type of consolidation **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

I. J. Natour

Position

Operations Engineer

Company

Atlantic Richfield Company

Date

December 27, 1977

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.

December 16, 1977

I the Surveyor

Registered Professional Engineer
and Oil and Gas 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-108
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Operator Atlantic Richfield Co.			Lease Empire Abo Unit - H		Section 321
Well Letter P	Section 33	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of well: 1050 feet from the South line and 250 feet from the East line					
Ground Level Elev. 3662.4	Producing Formation		Pool	Remarks	

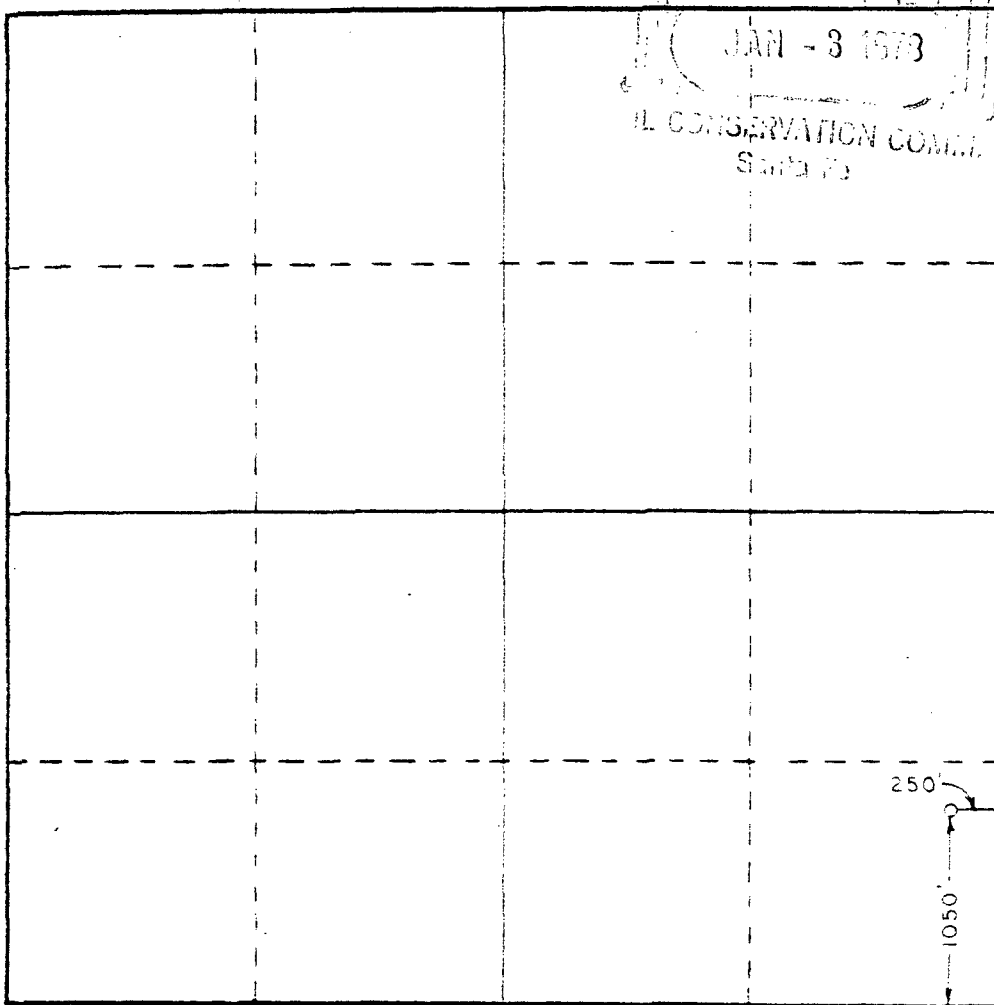
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

JAN - 3 1978
OIL CONSERVATION COMMISSION
STAFF



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

I. J. Natour

Name
I. J. Natour

Position
Operations Engineer

Company
Atlantic Richfield Company

Date
December 27, 1977

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.

December 16, 1977

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-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

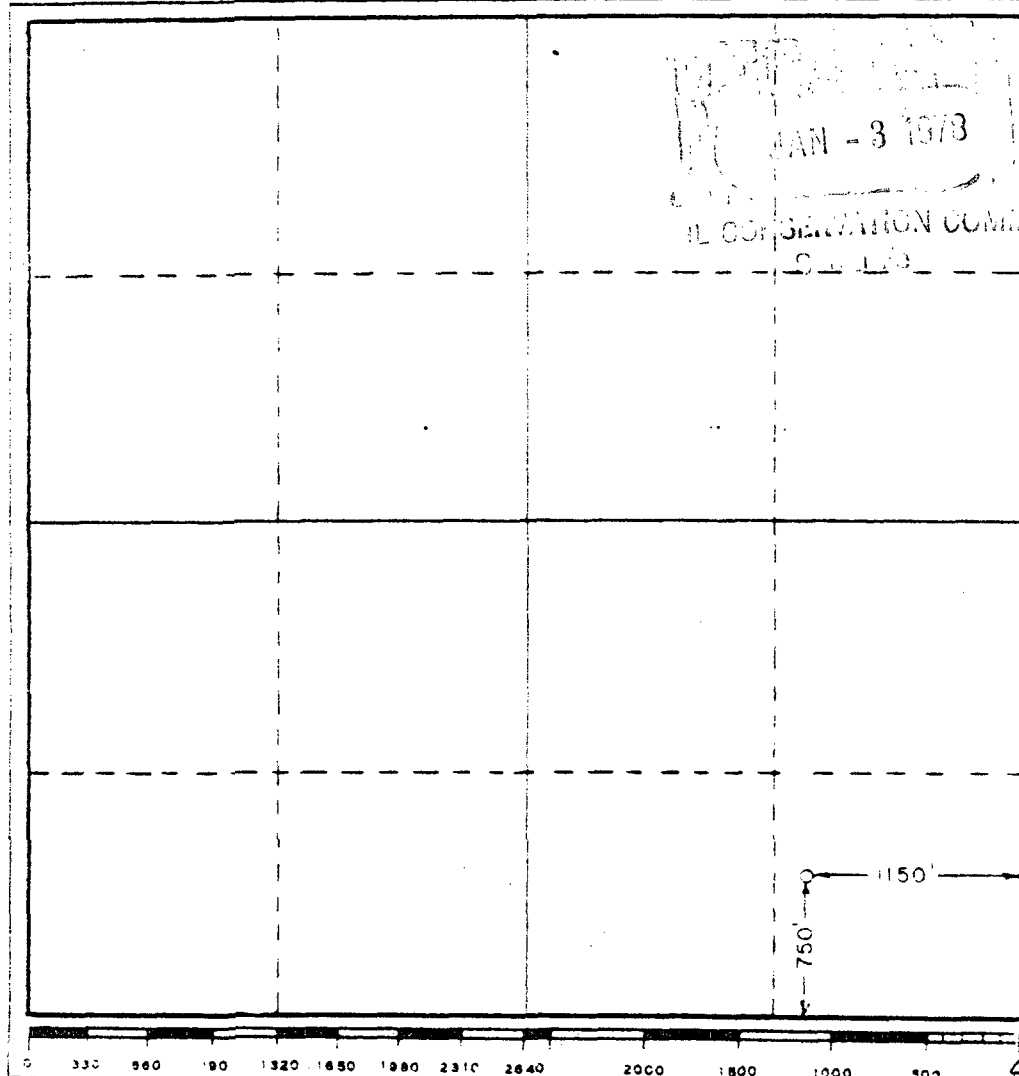
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - H		Well No. 322
Lot Letter P	Section 33	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 750 feet from the South line and 1150 feet from the East line					
Ground Level Elev. 3662.4	Producing Formation		Pool	Deeded 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 Company
Date

December 27, 1977

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.

December 16, 1977
Date Surveyed

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

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

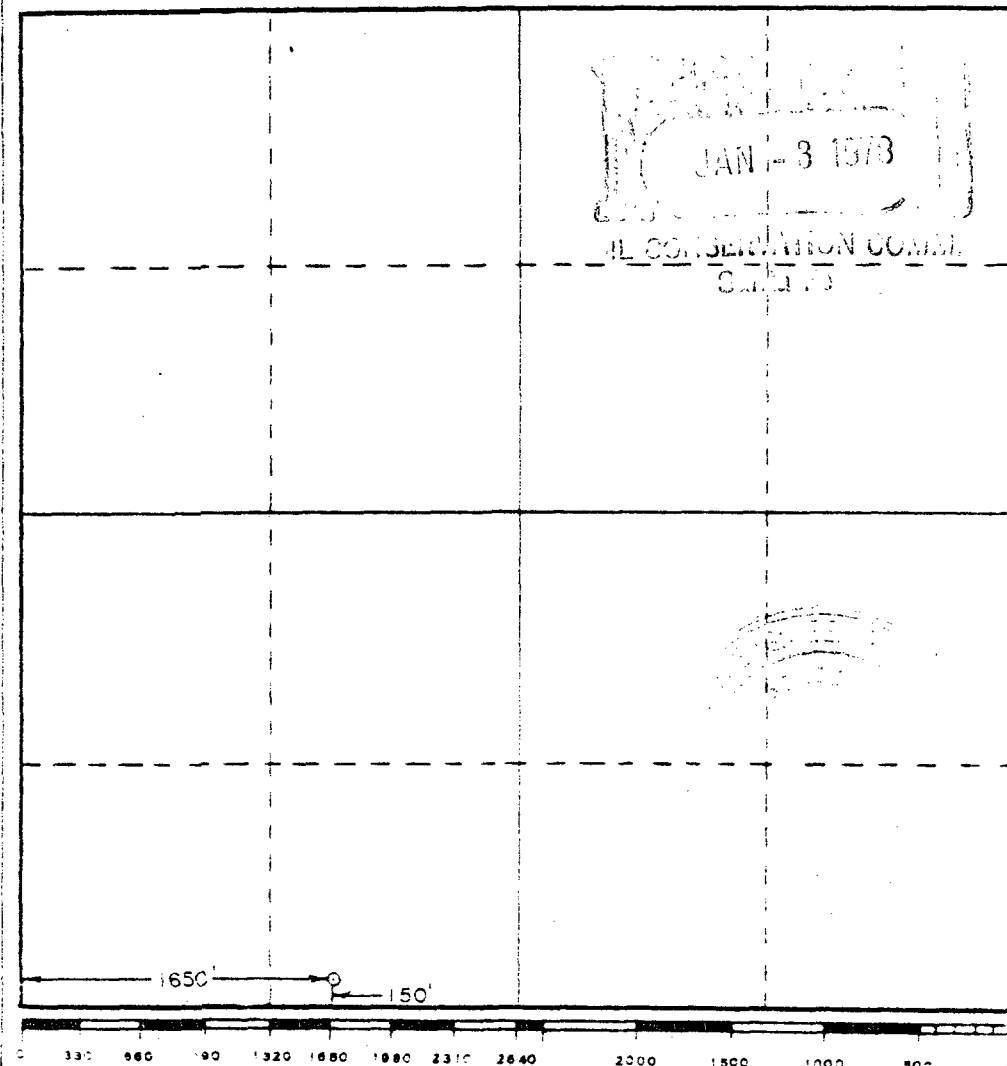
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - H		Well No. 301
Grid Letter N	Section 33	Township 17 South	Range 28 East	County Eddy	
Actual Footage Location of Well: 150 feet from the South line and 1650 feet from the West line					
Ground Level Elev. 3659.8	Producing Formation		Pool	Dedicated Acreage: Acre	

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 Company

Date

December 27, 1977

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.

December 16, 1977

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

All distances must be from the outer boundaries of the Section

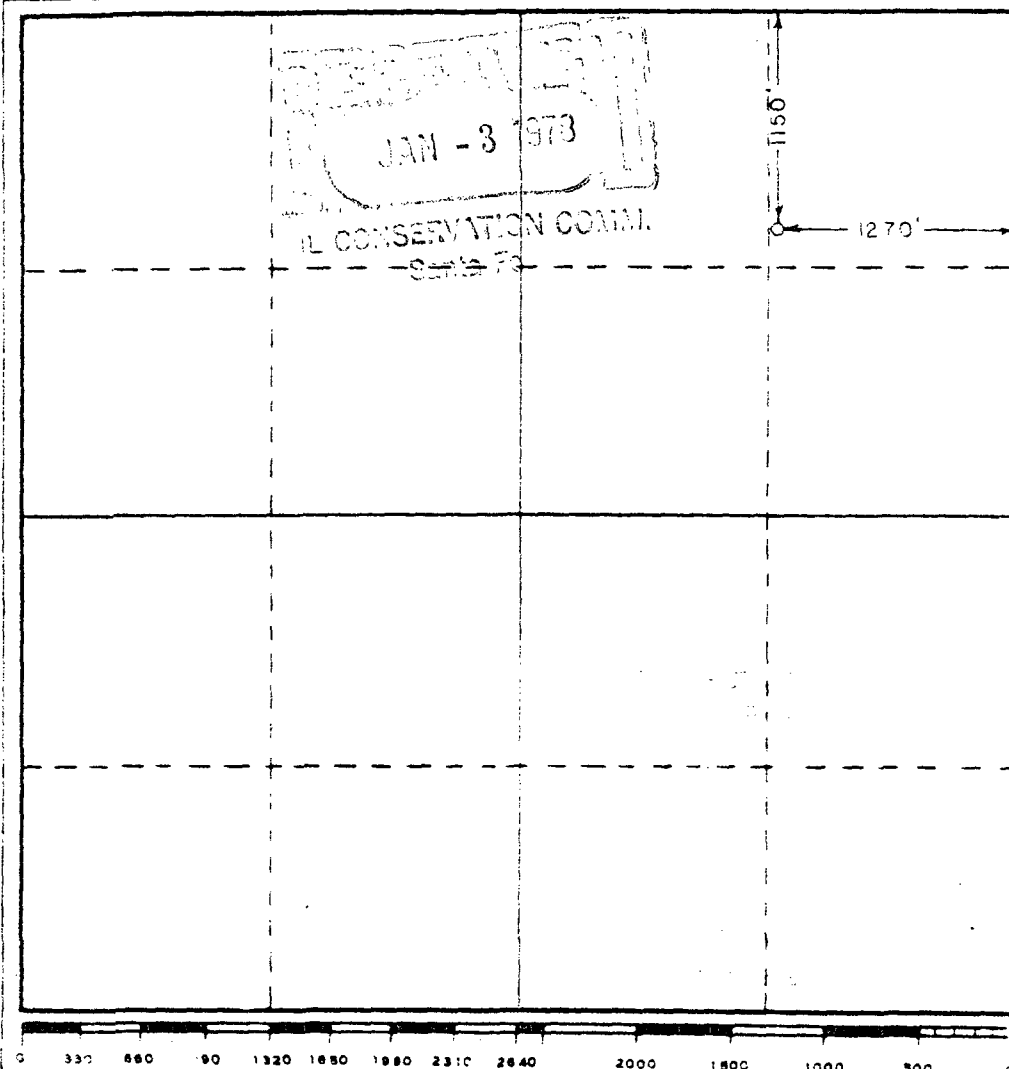
Operator Atlantic Richfield Co.		Lease Empire Abo Unit - I		Well No. 282
Tract Letter A	Section 5	Range 13 South	Meridian 28 East	County Eddy
Actual Footage Location of Well: 1150 feet from the North line and 1270 feet from the East line				
Ground Level Elev. 3655.1	Producing Formation	Pool	Estimated Acreage	

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

☒ Yes ☐ No If answer is "yes," type of consolidation **Unitization**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

I. J. Natour

Name
I. J. Natour

Position
Operations Engineer

Company
Atlantic Richfield Company

Date
December 27, 1977

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.

December 16, 1977

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

All distances must be from the outer boundaries of the Section

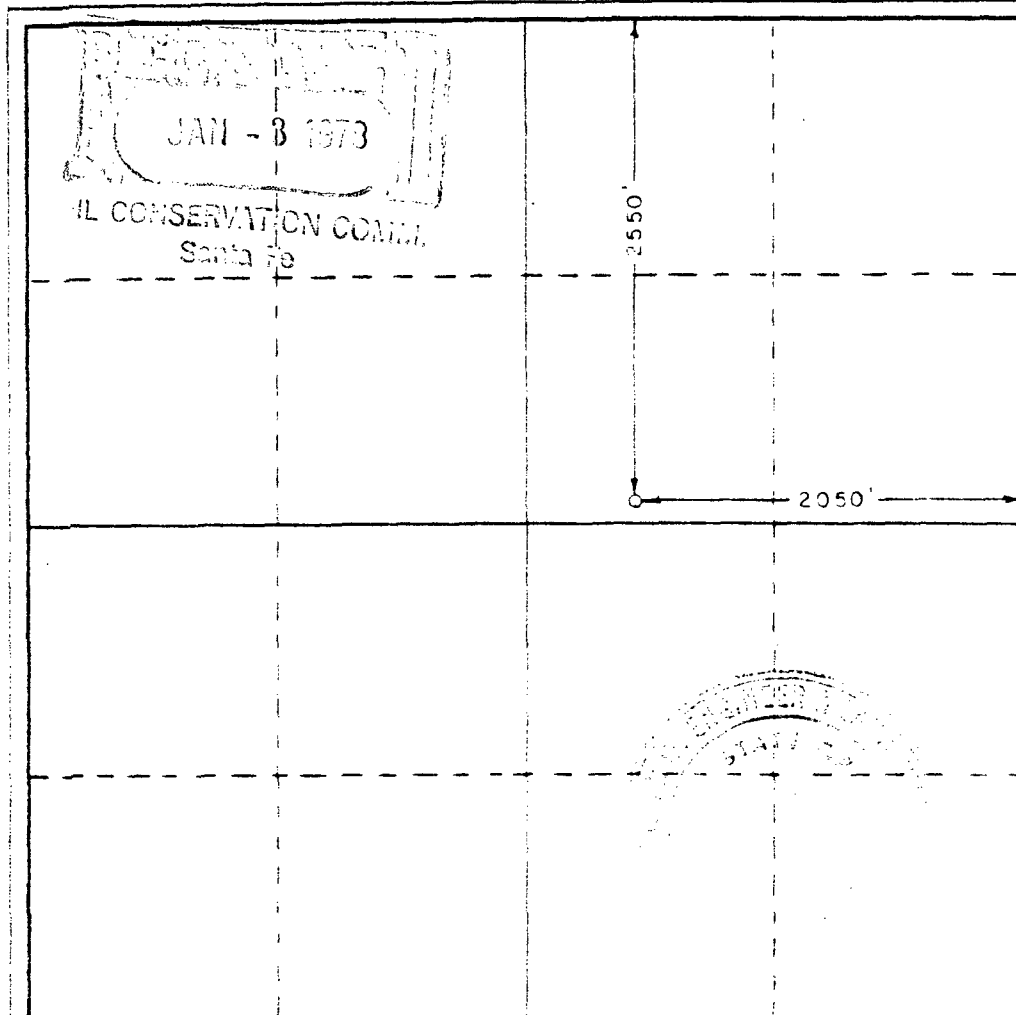
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - J		Well No. 233
Section Letter G	Section 6	Township 18 South	Range 28 East	County Eddy	
Actual Footage Location of Well:					
2550	feet from the	North	line and	2050	feet from the East line
Ground Level Elev. 3668.9	Producing Formation		Pool	Estimated 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

I. J. Natour

Position

Operations Engineer

Company

Atlantic Richfield Company

Date

December 27, 1977

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.

December 10, 1977

Date Surveyed

Registered Professional Engineer
and Oil and Gas Surveyor

John W. West

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

0 130 660 90 1320 1650 1980 2310 2640 2000 1500 1000 500 0

**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

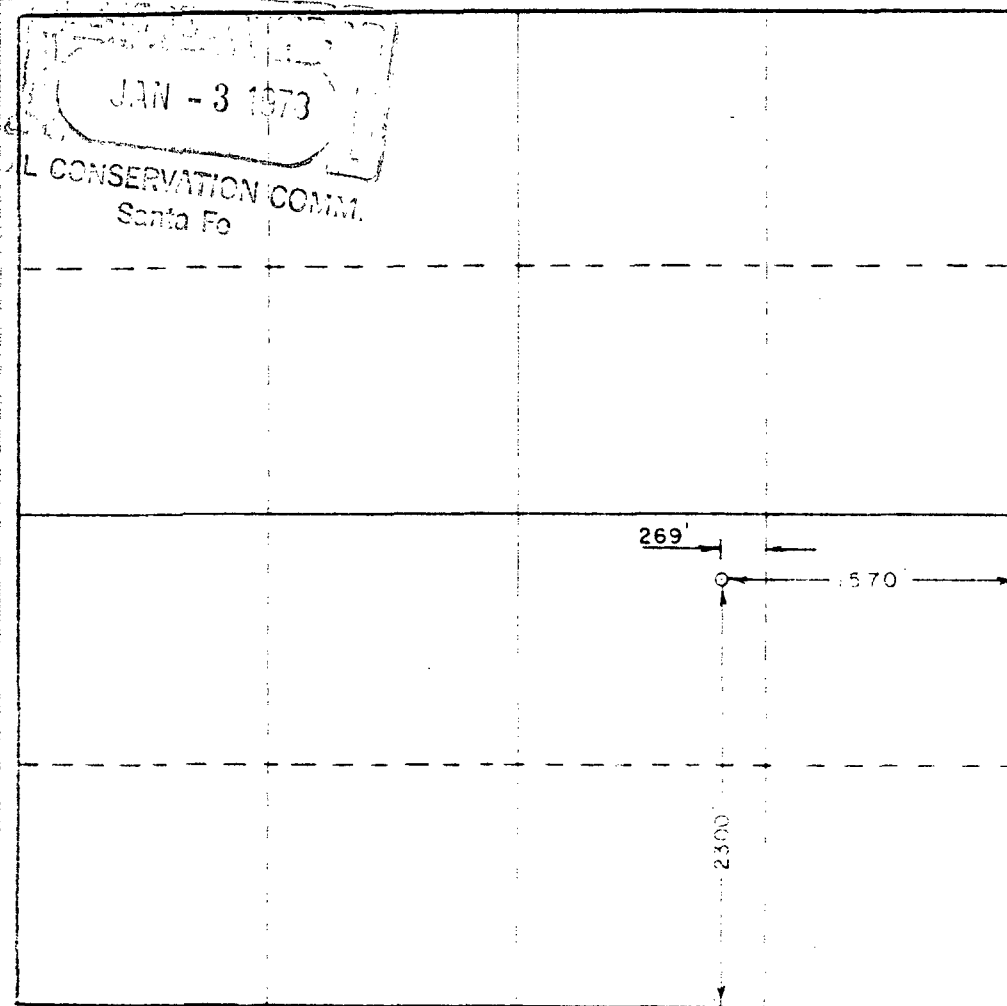
Owner Atlantic Richfield Co.		Lease Empire Abo Unit - K		Section 232
Tract J	Section 6	Range 18 South	Meridian 28 East	County Eddy
Section Corner Location of well: 2300 feet from the South line and 1570 feet from the East line.				
Ground Level Elev. 3653.1	Producing Formation	Pool	Estimated Acreage	

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

☒ Yes ☐ No If answer is "yes," type of consolidation **Unitization**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

I. J. Natour
Name

I. J. Natour

Position

Operations Engineer

Company

Atlantic Richfield Company

Date

December 27, 1977

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.

December 19, 1977

Name Surveyed

Registered Professional Engineer
and Licensed Surveyor

John W. West
Signature

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

Form O-112
Supersedes O-108
Effective 1-1-65

All distances must be from the outer boundaries of the Section

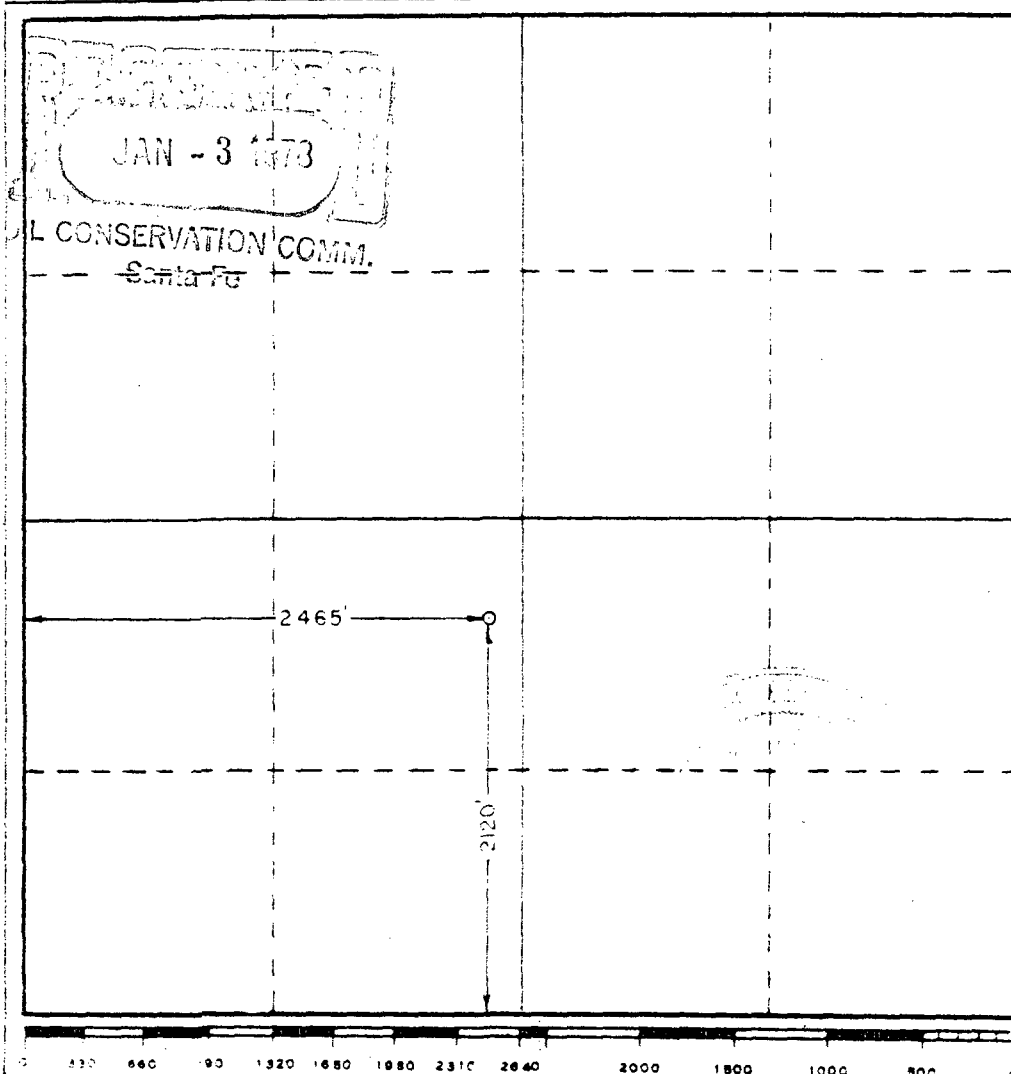
Lessee Atlantic Richfield Co.			Lease Empire Abo Unit - K		Acres 184
Section K	Section 1	Range 18 South	Range 27 East	County Eddy	
Approximate Location of Well:					
2120	feet from the	South	line and	2465	feet from the
					West
Ground Level Elev. 3623.3	Producing Formation		Pool		Dedicated Acreage Acres

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 Company

Date

December 27, 1977

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.

December 14, 1977

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-102
Supersedes O-108
Effective 1-1-65

All distances must be from the outer boundaries of the Section

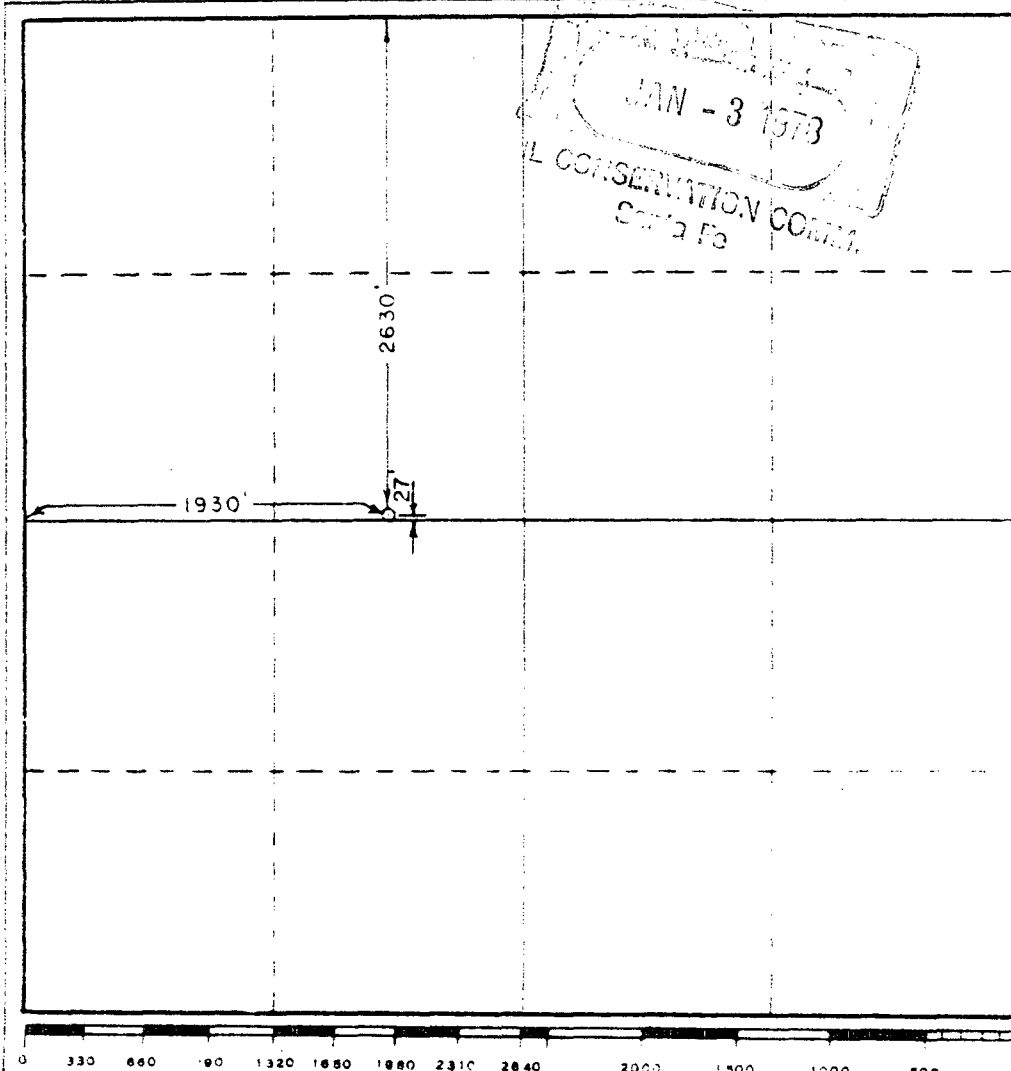
Operator Atlantic Richfield Co.		Lease Empire Abo Unit - J		Acreage 223	
Tract Letter F	Section 6	Township 18 South	Range 28 East	County Eddy	
Actual Footage Location of Well:					
2630	feet from the	North	line and	1930	feet from the
Ground Level Elev.		Producing Formation	Per	East and West	
3644.3					

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

I. J. Natour

Operations Engineer

Atlantic Richfield Company

December 27, 1977

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.

December 19, 1977

Registered Professional Engineer
M.A.S. 121, Surveyor

John W. Hart
Certificate No.

676

**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 Township

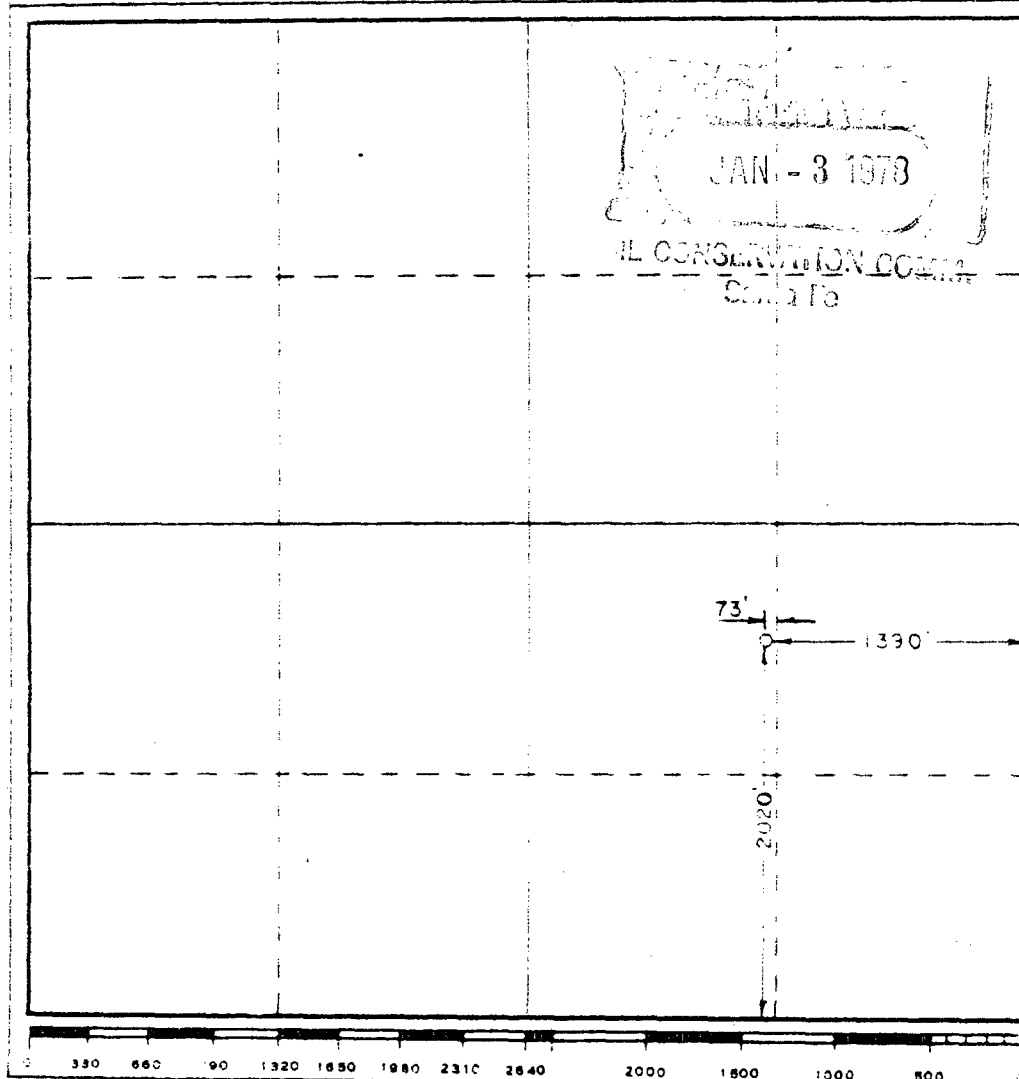
Atlantic Richfield Co.		Empire Abo Unit - K		192
Section J	Section 1	Range 13 South	Range 27 East	County Eddy
Section 2020		Section 1390		Section East
Original Survey Filed 3636.7	Producing Formation	Depth	Estimated Acreage	

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

☒ Yes ☐ No If answer is "yes," type of consolidation **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

I. J. Natour

Operations Engineer

Atlantic Richfield Company

December 27, 1977

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.

December 14, 1977

Registered Professional Engineer
and Land Surveyor

John W. West

Certificate No. **676**

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

Form O-102
Supersedes O-128
Effective 1-1-75

All distances must be from the outer boundaries of the Section

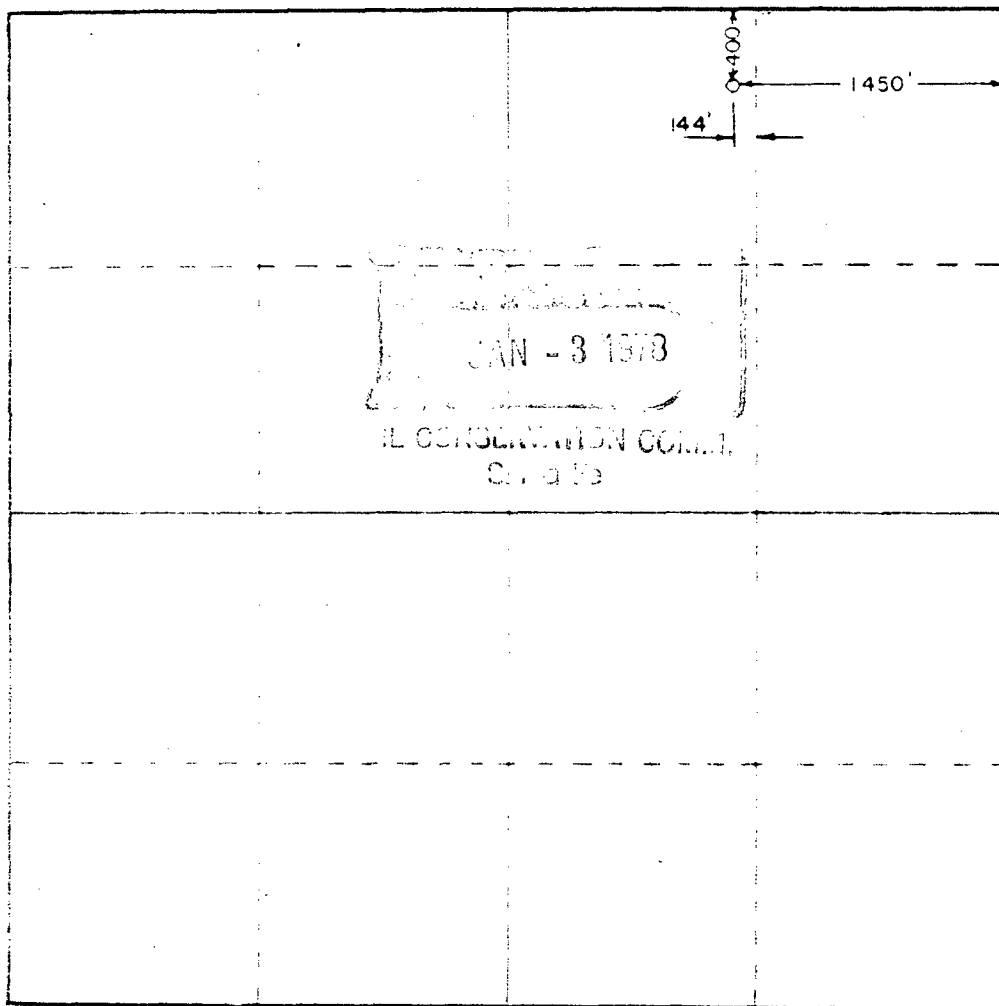
Owner: Atlantic Richfield Co.		Lease: Empire Abo Unit - M		Well No.: 151
B	11	18 South	27 East	Eddy
400	North	1450	East	
Total Acres: 3604.1		Dedicated Acreage:		Area:

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

☒ Yes ☐ No If answer is "yes," type of consolidation **Unitization**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

I. J. Natour

I. J. Natour

Operations Engineer

Atlantic Richfield Company

December 27, 1977

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.

December 14, 1977

Date Surveyed

Registered Professional Engineer
and a Land Surveyor

John W. West

Certificate No.

676

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

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

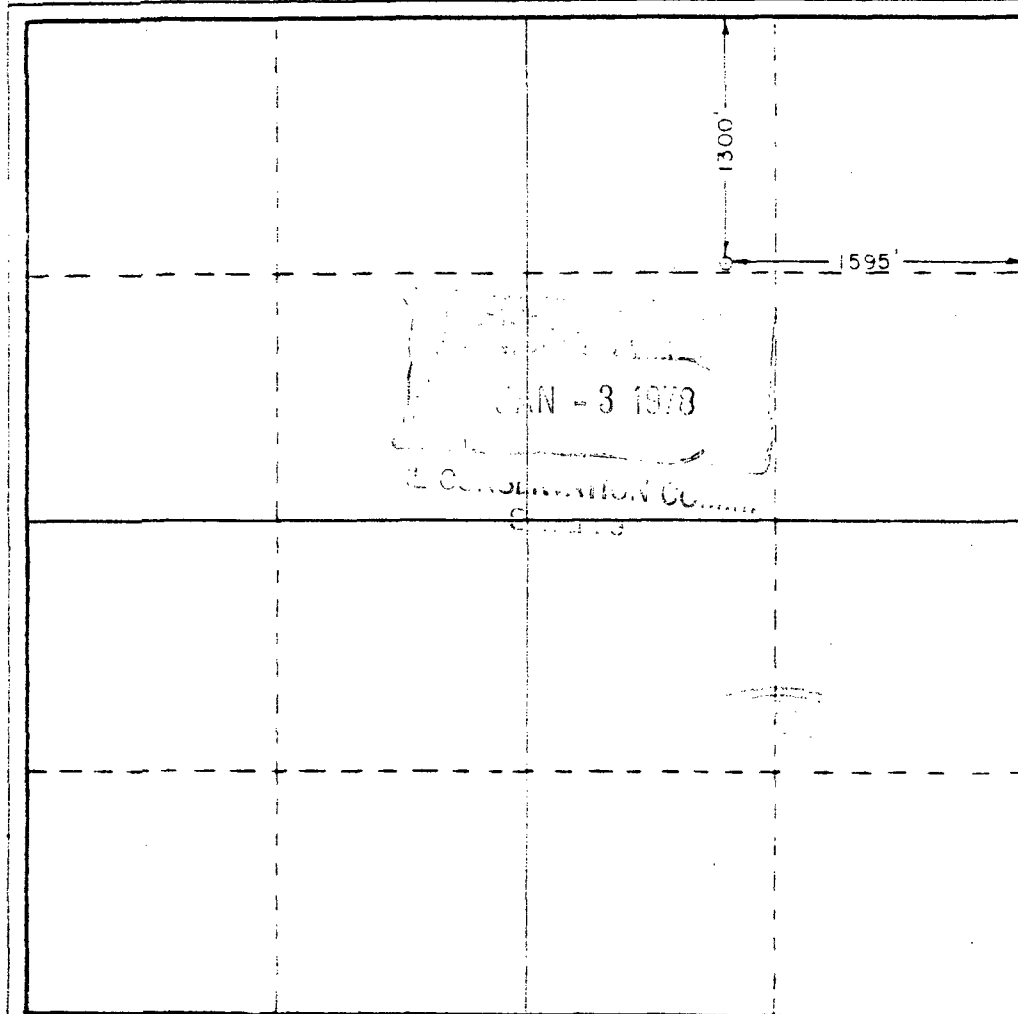
Operator Atlantic Richfield Co.			Lease Empire Abo Unit - I			Acres 270		
Unit Letter B	Section 5	Township 18 South	Range 28 East	County Eddy				
Actual Footage Location of well:								
1300	feet from the	North	line and	1595	feet from the	East	line	
Ground Level Elev. 3651.3	Producing Formation		Foot		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 Company

Date

December 27, 1977

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.

December 19, 1977

By the Surveyor

Registered Professional Engineer
in the State of New Mexico

John W. West
Signature

PROPOSED PRODUCING WELL DIAGRAM

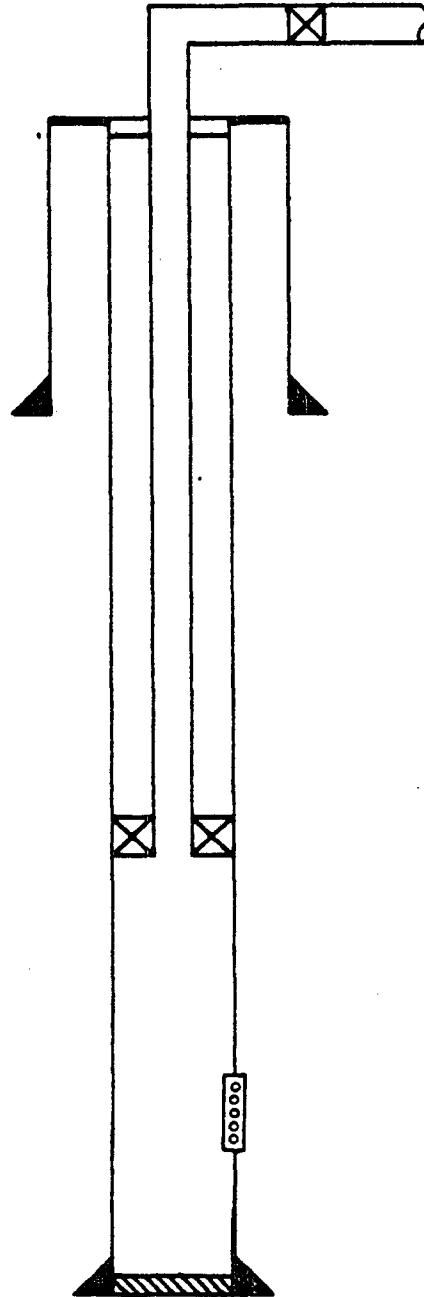
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well E-373
150' FNL & 15' FWL, Section 35, T-17S, R-28E

Eddy County, New Mexico

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

5-1/2" casing
set @ 6275'
(cmt. circ.)



2-3/8" OD tubing

Pkr set @ approx. 5900'

Proposed perforations
between 5900-6275'

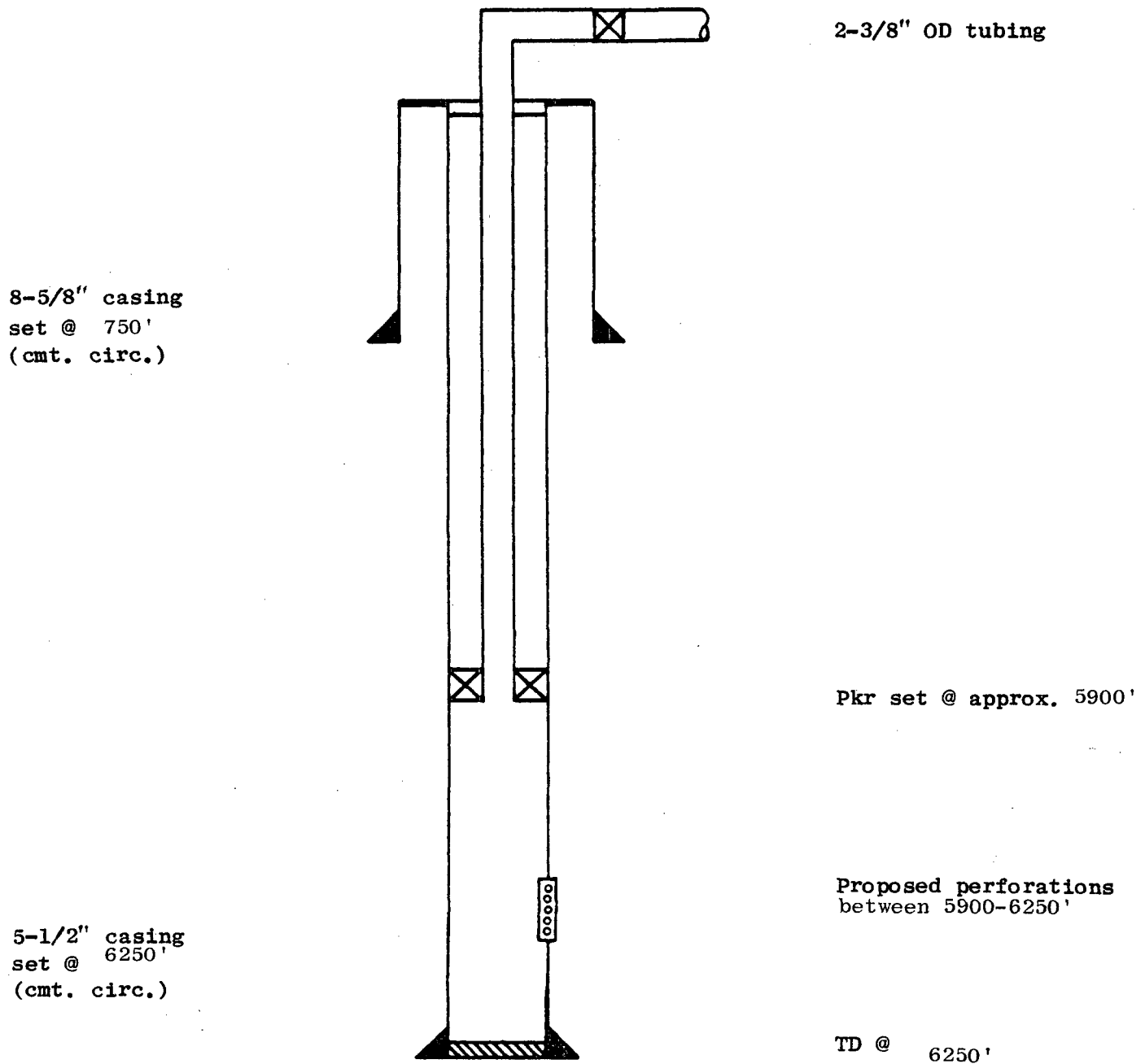
TD @ 6275'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well E-361
620' FNL & 1200' FEL, Section 34, T-17S, R-28E

Eddy County, New Mexico



PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

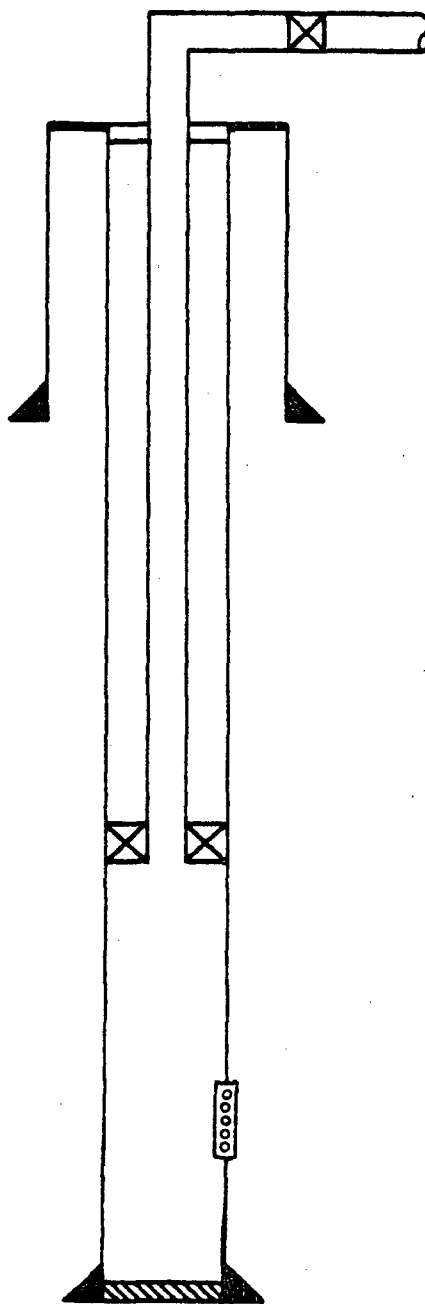
Empire Abo Unit Well E-351

610' FNL & 2601' FEL, Section 34, T-17S, R-28E

Eddy County, New Mexico

8-5/8" casing
set @ 600'
(cmt. circ.)

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



2-3/8" OD tubing

Pkr set @ approx. 5900'

Proposed perforations
between 5900-6250'

TD @ 6250'

PROPOSED PRODUCING WELL DIAGRAM

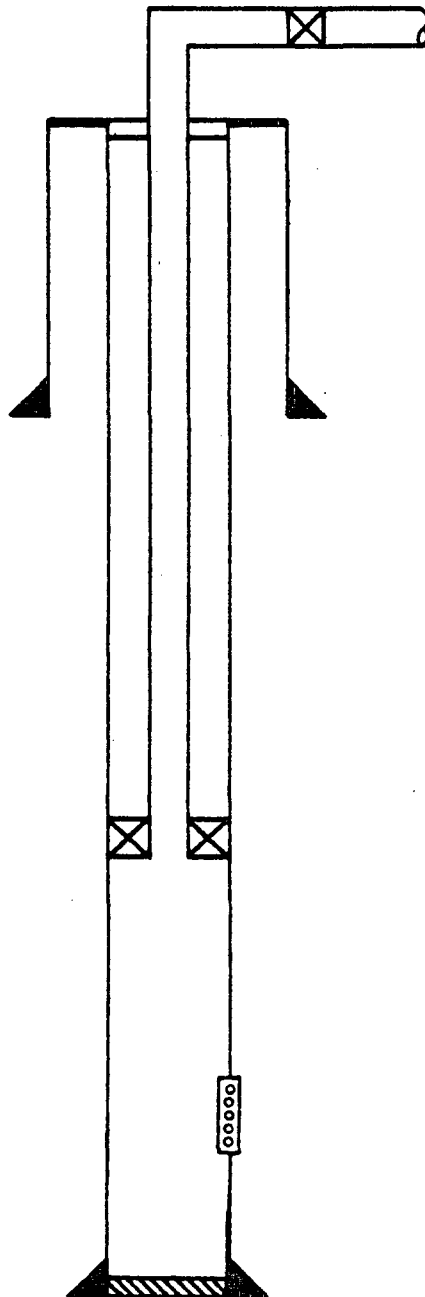
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well F-321

1610' FNL & 250' FEL, Section 33, T-17S, R-28E
Eddy County, New Mexico

8-5/8" casing
set @ 600'
(cmt. circ.)

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



2-3/8" OD tubing

Pkr set @ approx. 5800'

Proposed perforations
between 5850-6200'

TD @ 6200'

PROPOSED PRODUCING WELL DIAGRAM

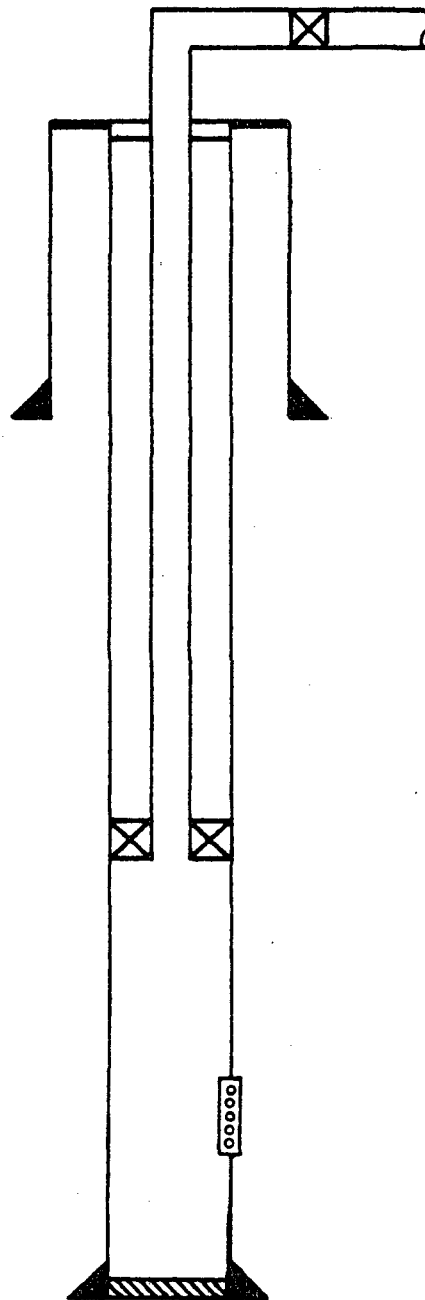
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-322

2350' FSL & 1100' FEL, Section 33, T-17S, R-28E
Eddy County, New Mexico

8-5/8" casing
set @ 600'
(cmt. circ.)

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



2-3/8" OD tubing

Pkr set @ approx. 5800'

Proposed perforations
between 5800-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

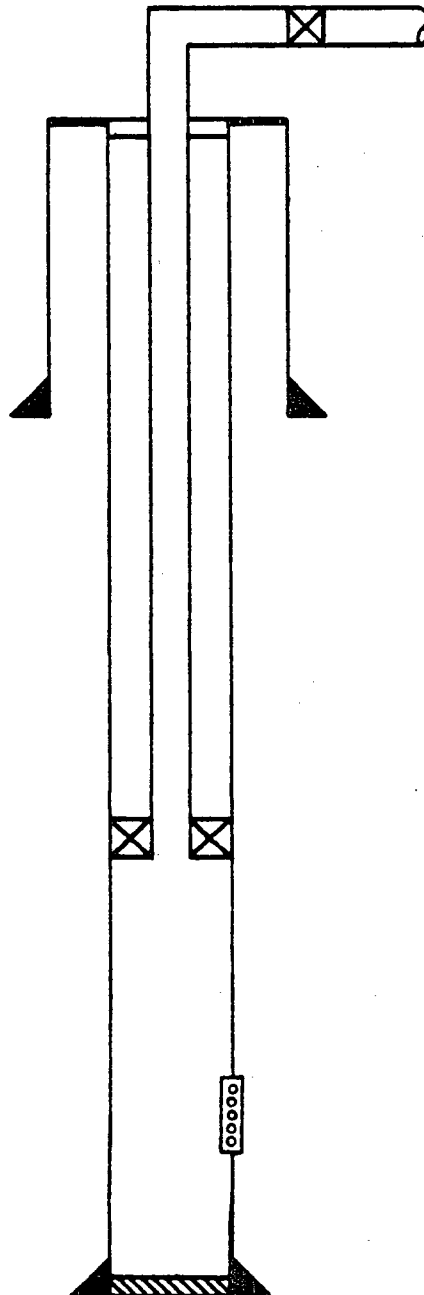
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well E-341

660' FNL & 1560' FWL, Section 34, T-17S, R-28E
Eddy County, New Mexico

8-5/8" casing
set @ 600'
(cmt. circ.)

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



2-3/8" OD tubing

Pkr set @ approx. 5900'

Proposed perforations
between 5900-6200'

TD @ 6200'

PROPOSED PRODUCING WELL DIAGRAM

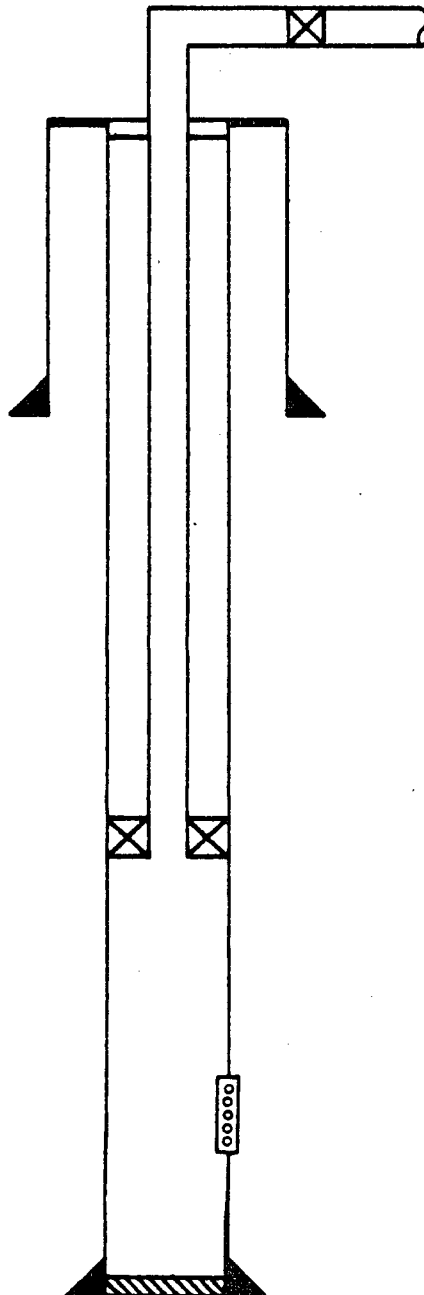
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well I-272

1300' FNL & 2345' FEL, Section 5, T-18S, R-28E
Eddy County, New Mexico

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

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



2-3/8" OD tubing

Pkr set @ approx. 6000'

Proposed perforations
between 6000-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

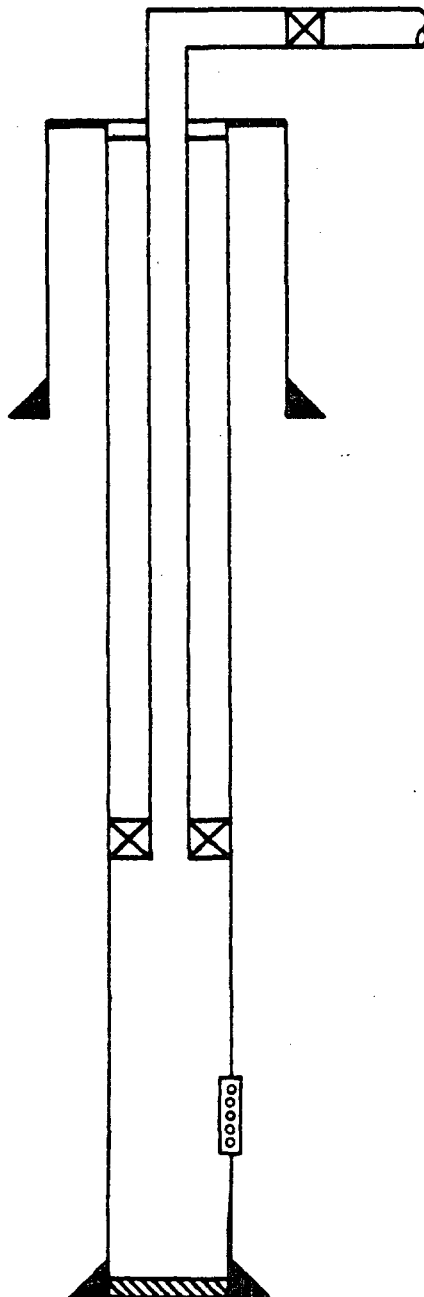
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well K-231

1700' FSL & 2350' FEL, Section 6, T-18S, R-28E
Eddy County, New Mexico

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

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



2-3/8" OD tubing

Pkr set @ approx. 6100'

Proposed perforations
between 6100-6350'

TD @ 6350'

PROPOSED PRODUCING WELL DIAGRAM

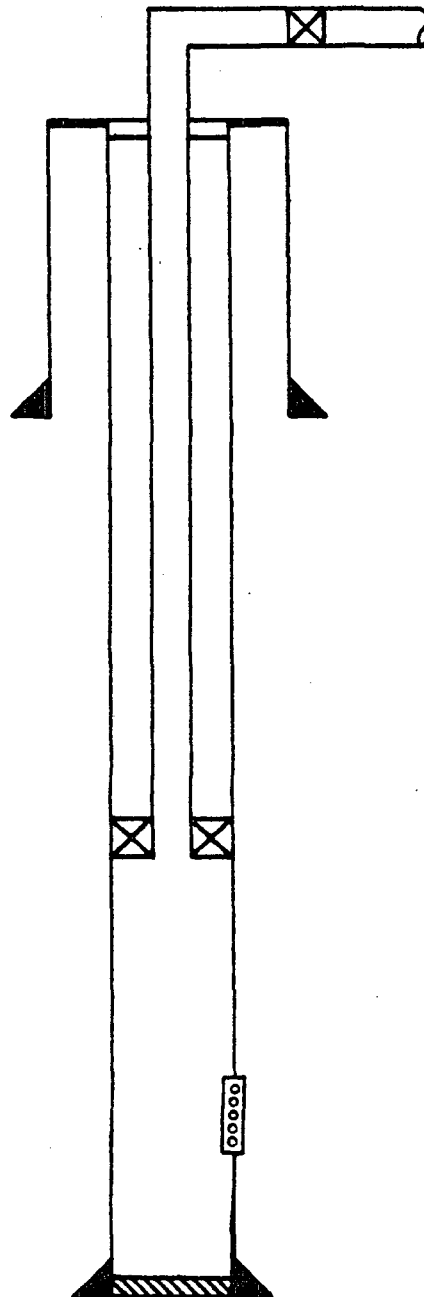
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well M-152

560' FNL & 2588' FEL, Section 11, 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
between 6000-6300'

TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

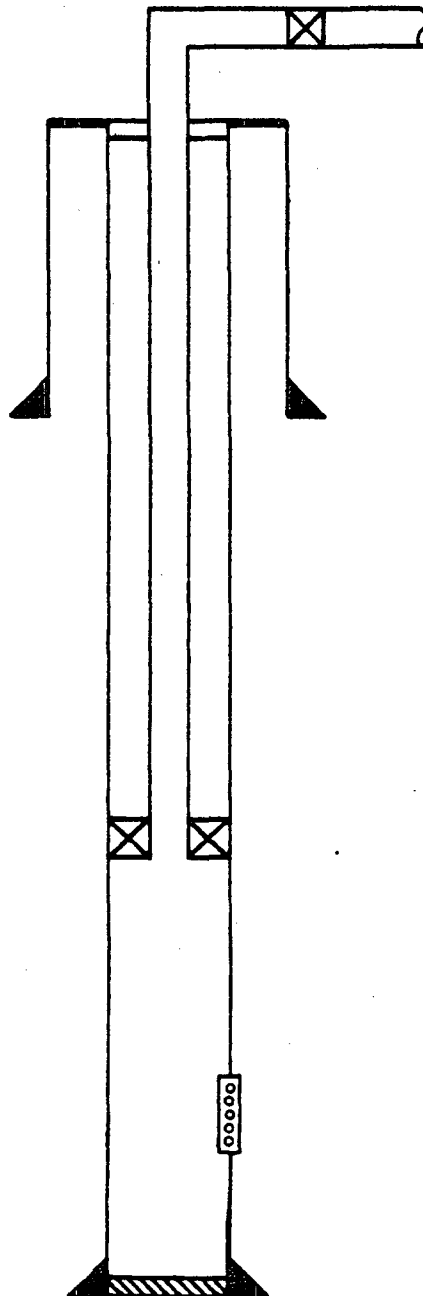
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well M-131

1100' FNL & 1200' FWL, Section 11, 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
between 6000-6300'

TD @
6300'

PROPOSED PRODUCING WELL DIAGRAM

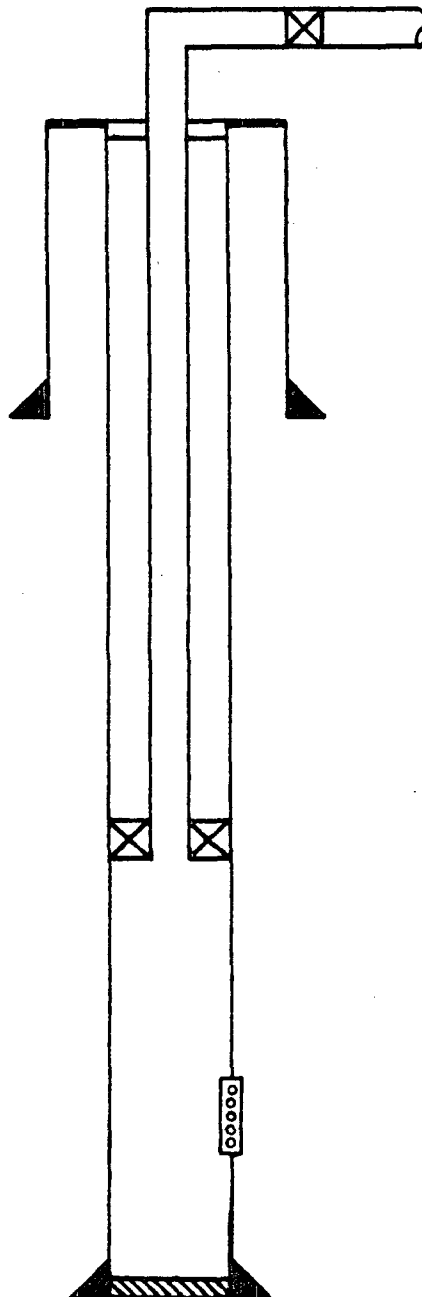
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-343

1500' FSL & 1820' FWL, Section 34, T-17S, R-28E
Eddy County, New Mexico

8-5/8" casing
set @ 600'
(cmt. circ.)

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



2-3/8" OD tubing

Pkr set @ approx. 6000'

Proposed perforations
between 6000-6370'

TD @ 6370'

PROPOSED PRODUCING WELL DIAGRAM

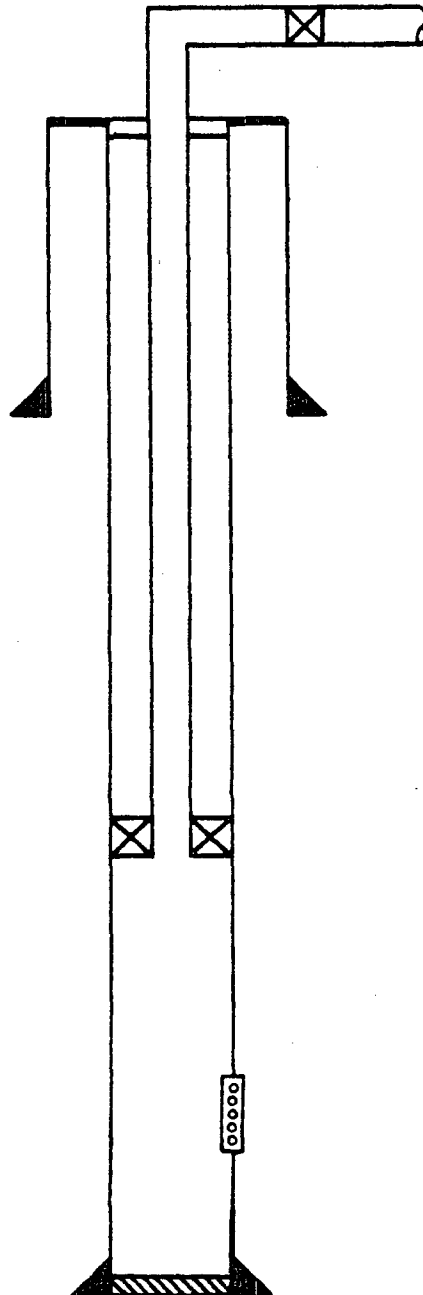
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well G-332

1575' FSL & 660' FWL, Section 34, T-17S, R-28E
Eddy County, New Mexico

8-5/8" casing
set @ 600'
(cmt. circ.)

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



2-3/8" OD tubing

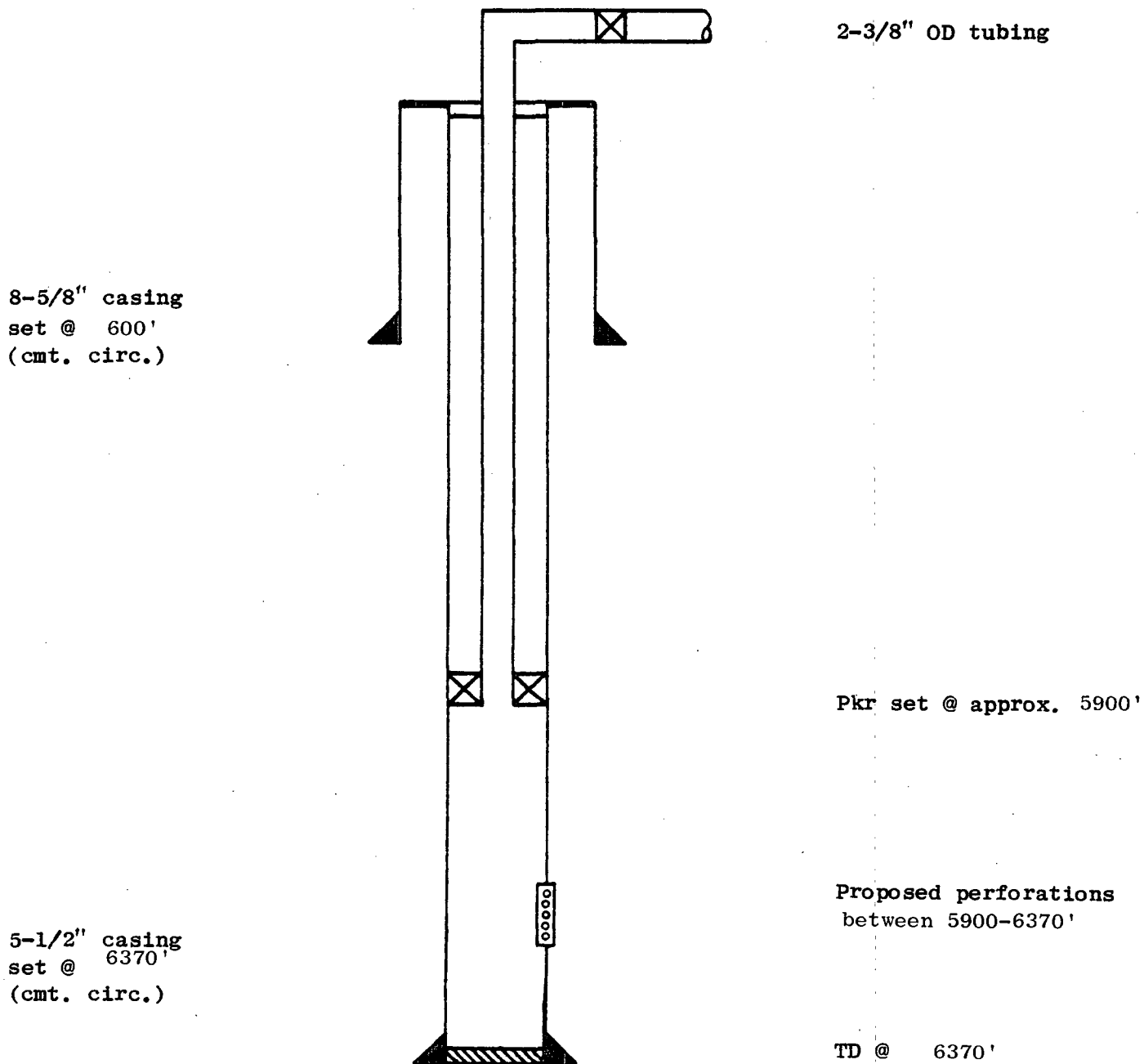
Pkr set @ approx. 5900'

Proposed perforations
between 5900-6370'

TD @ 6370'

ATLANTIC RICHFIELD COMPANY

Eddy County, New Mexico



PROPOSED PRODUCING WELL DIAGRAM

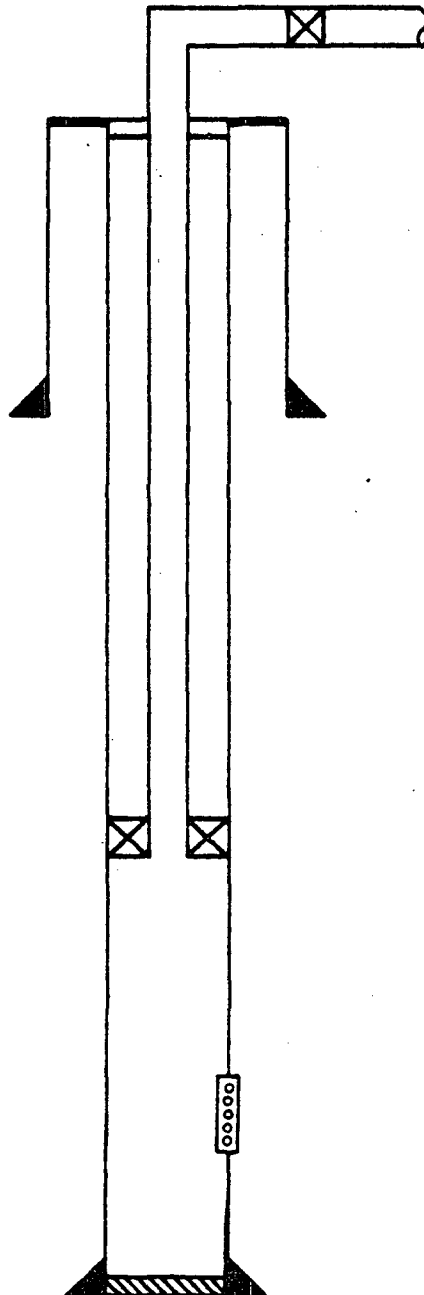
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well H-331

1000' FSL & 1200' FWL, Section 34, T-17S, R-28E
Eddy County, New Mexico

8-5/8" casing
set @ 600'
(cmt. circ.)

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



2-3/8" OD tubing

Pkr set @ approx. 6000'

Proposed perforations
between 6000-6370'

TD @ 6370'

PROPOSED PRODUCING WELL DIAGRAM

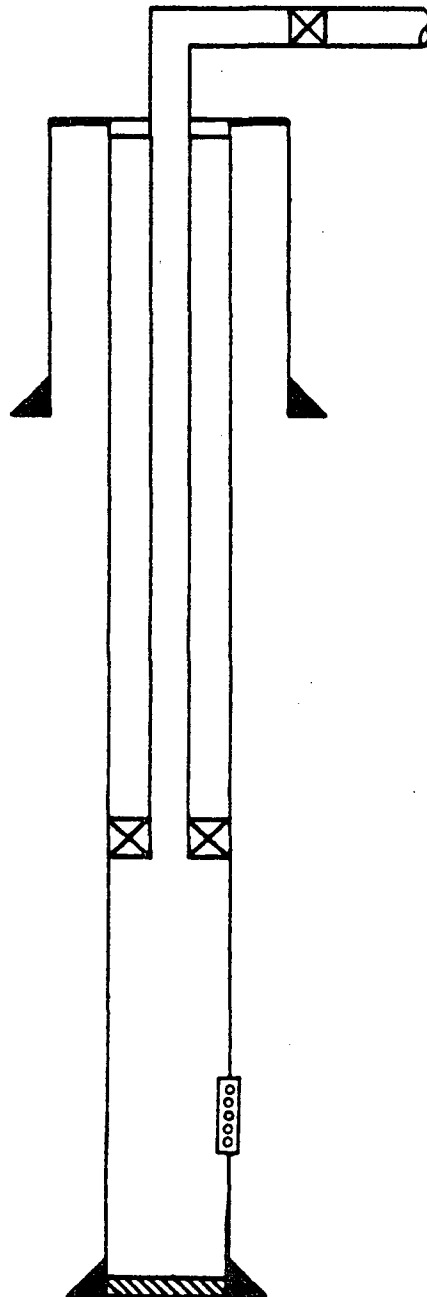
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well H-321

1050' FSL & 250' FEL, Section 33, T-17S, R-28E
Eddy County, New Mexico

8-5/8" casing
set @ 600'
(cmt. circ.)

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



2-3/8" OD tubing

Pkr set @ approx. 6000'

Proposed perforations
between 6000-6370'

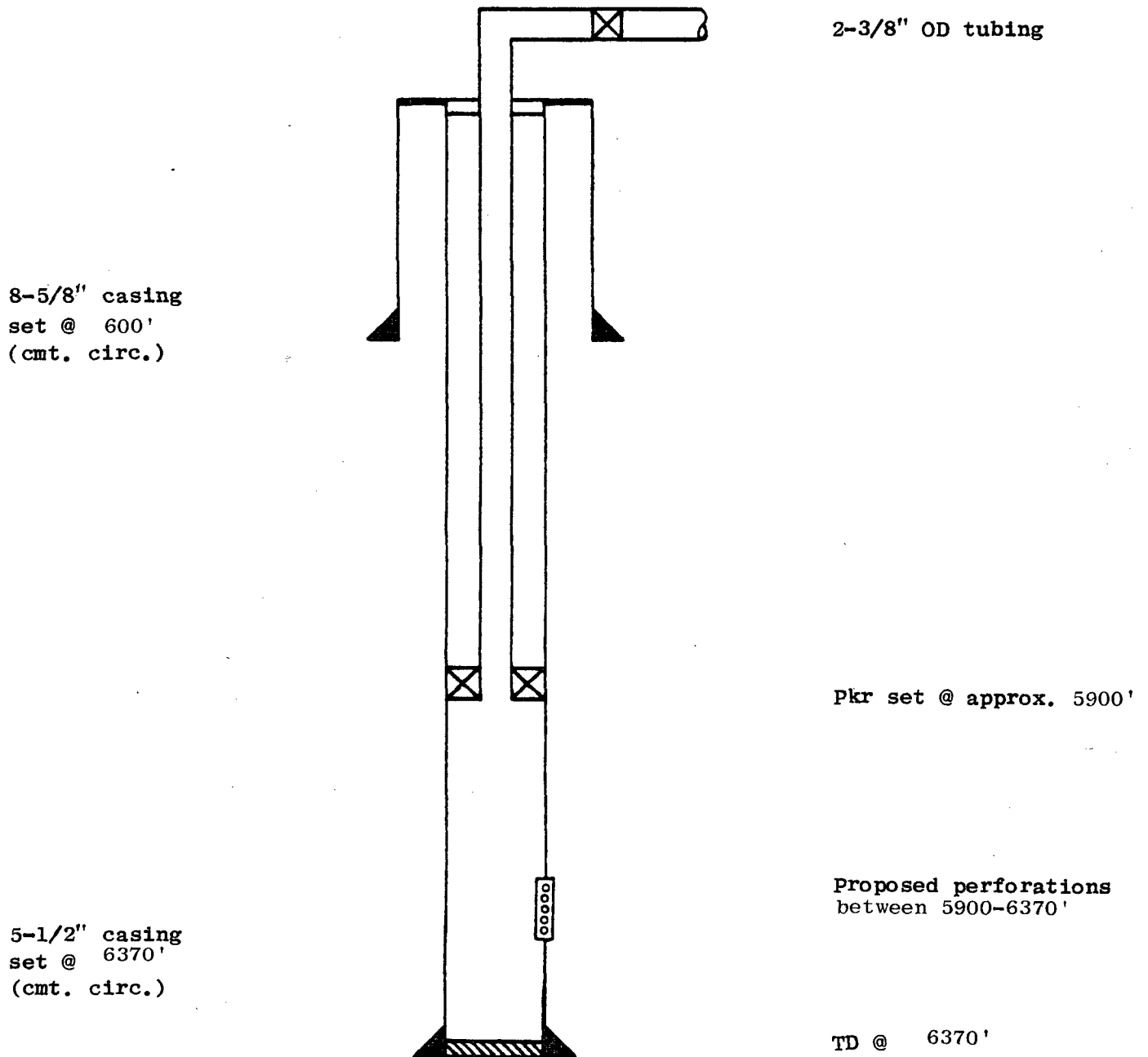
TD @ 6370'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well H-322

750' FSL & 1150' FEL, Section 33, T-17S, R-28E
Eddy County, New Mexico



PROPOSED PRODUCING WELL DIAGRAM

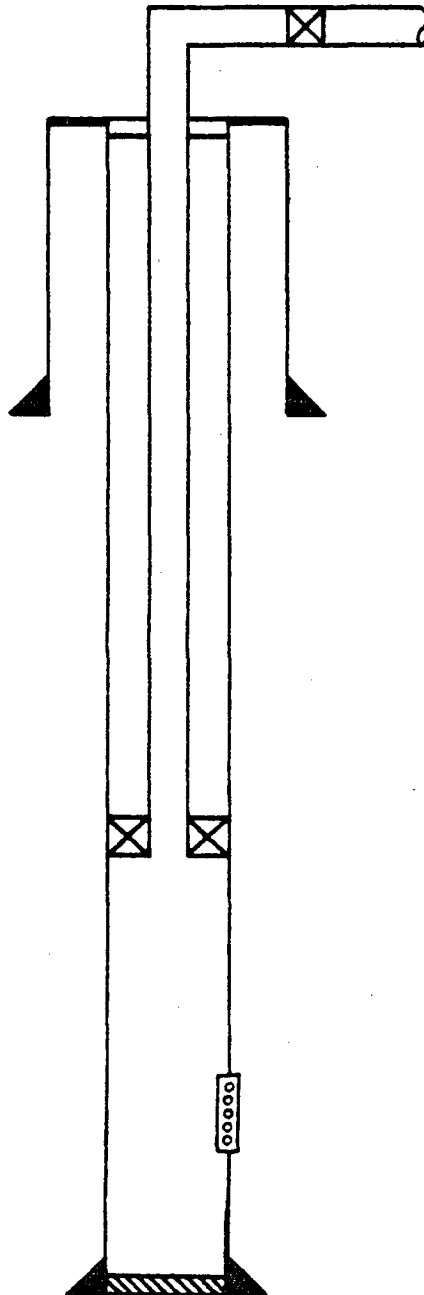
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well H-301

150' FSL & 1650' FWL, Section 33, T-17S, R-28E
Eddy County, New Mexico

8-5/8" casing
set @ 600'
(cmt. circ.)

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



2-3/8" OD tubing

Pkr set @ approx. 5900'

Proposed perforations
between 5900-6370'

TD @ 6370'

PROPOSED PRODUCING WELL DIAGRAM

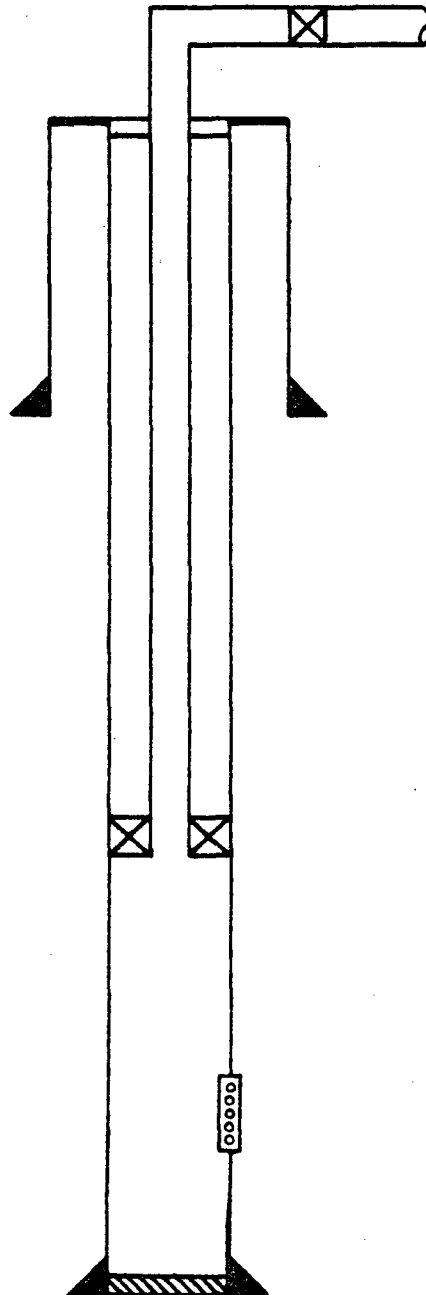
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well I-282

1150' FNL & 1270' FEL, Section 5, T-18S, R-28E
Eddy County, New Mexico

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

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



2-3/8" OD tubing

Pkr set @ approx. 6000'

Proposed perforations
between 6000-6370'

TD @ 6370'

PROPOSED PRODUCING WELL DIAGRAM

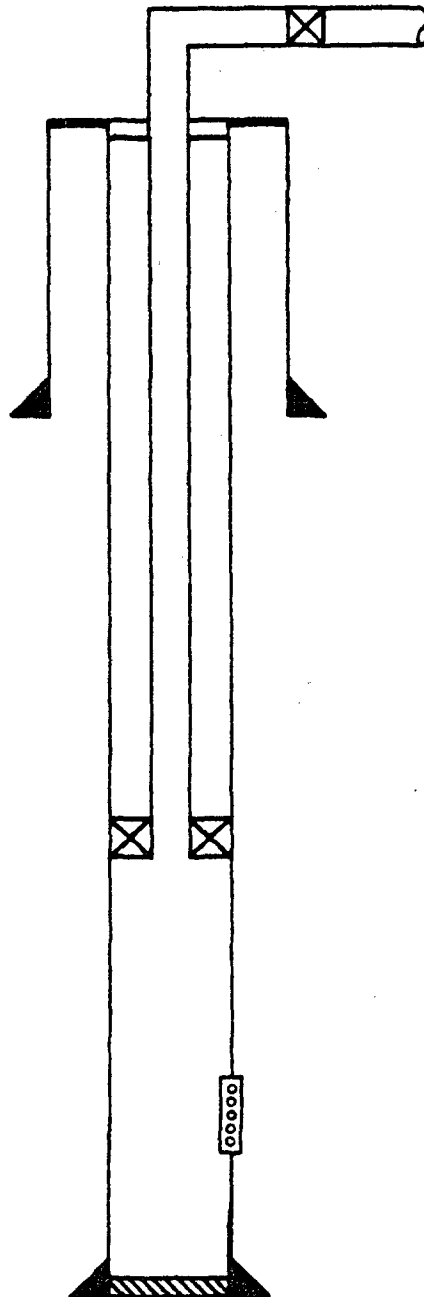
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well J-233

2550' FNL & 2050' FEL, Section 6, T-18S, R-28E
Eddy County, New Mexico

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

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



2-3/8" OD tubing

Pkr set @ approx. 6000'

Proposed perforations
between 6000-6300'

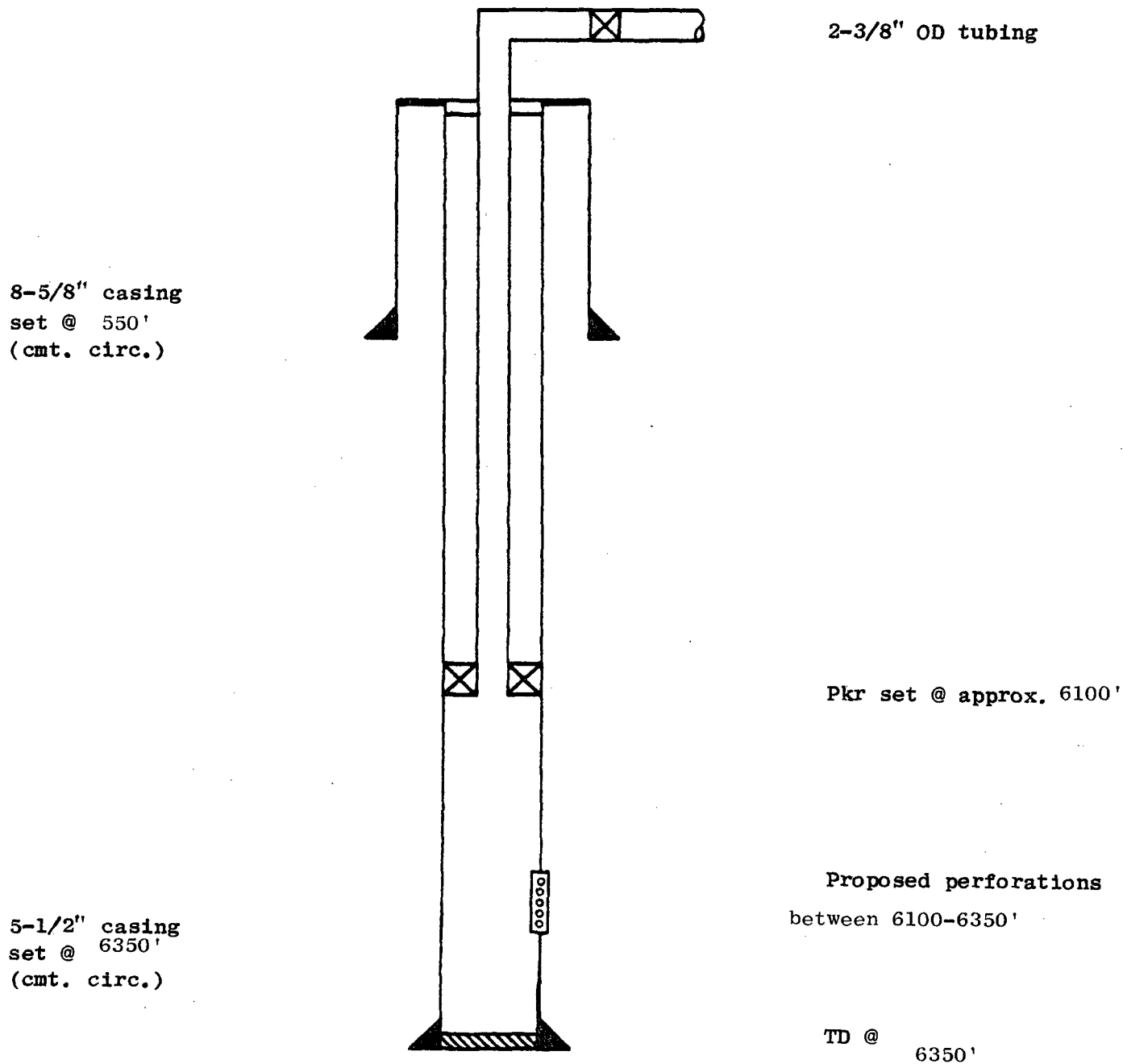
TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well K-232

2300' FSL & 1570' FEL, Section 6, T-18S, R-28E
Eddy County, New Mexico

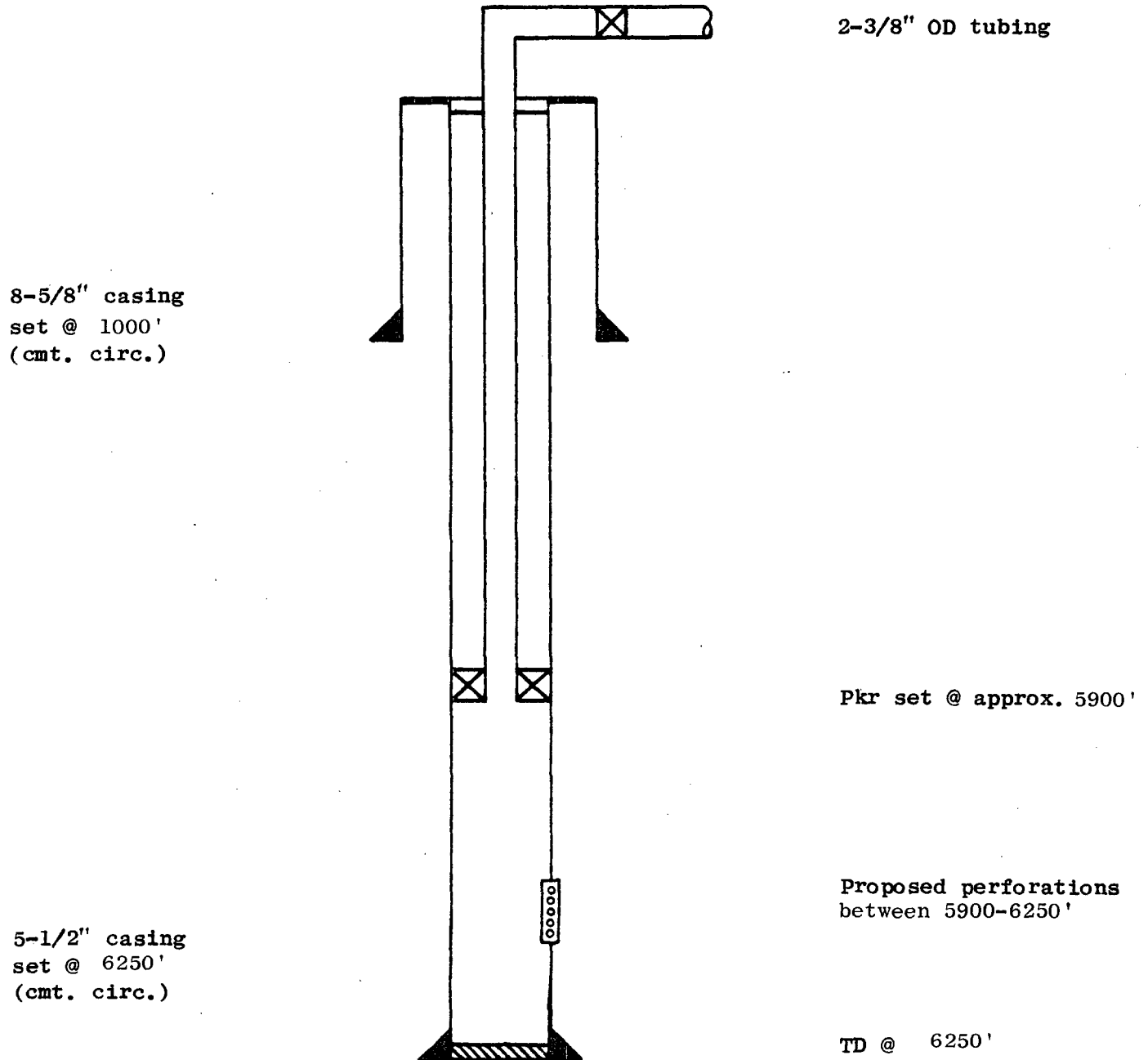


PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well K-184

2120' FSL & 2465' FWL, Section 1, T-18S, R-27E
Eddy County, New Mexico



PROPOSED PRODUCING WELL DIAGRAM

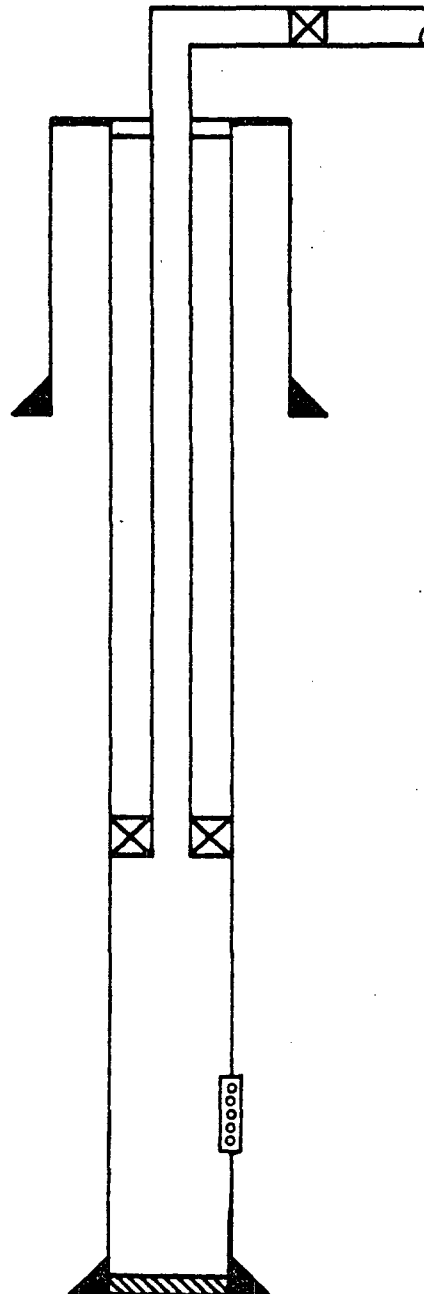
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well J-223

2630' FNL & 1930' FWL, Section 6, T-18S, R-28E
Eddy County, New Mexico

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

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



2-3/8" OD tubing

Pkr set @ approx. 5700'

Proposed perforations
between 5700-6250'

TD @ 6250'

PROPOSED PRODUCING WELL DIAGRAM

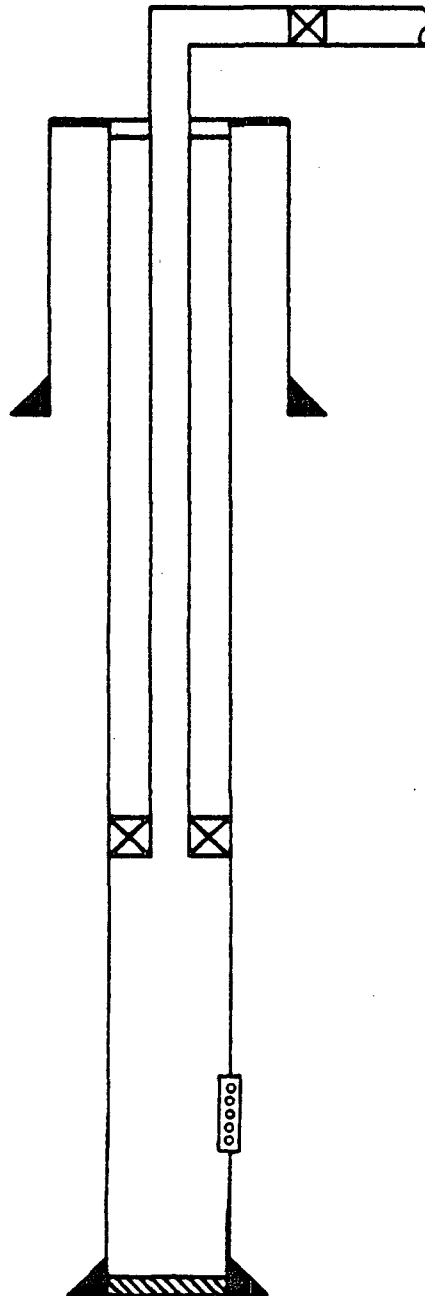
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well K-192

2020' FSL & 1390' FEL, Section 1, T-18S, R-27E
Eddy County, New Mexico

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

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



2-3/8" OD tubing

Pkr set @ approx. 6000'

Proposed perforations
between 6000-6250'

TD @ 6250'

PROPOSED PRODUCING WELL DIAGRAM

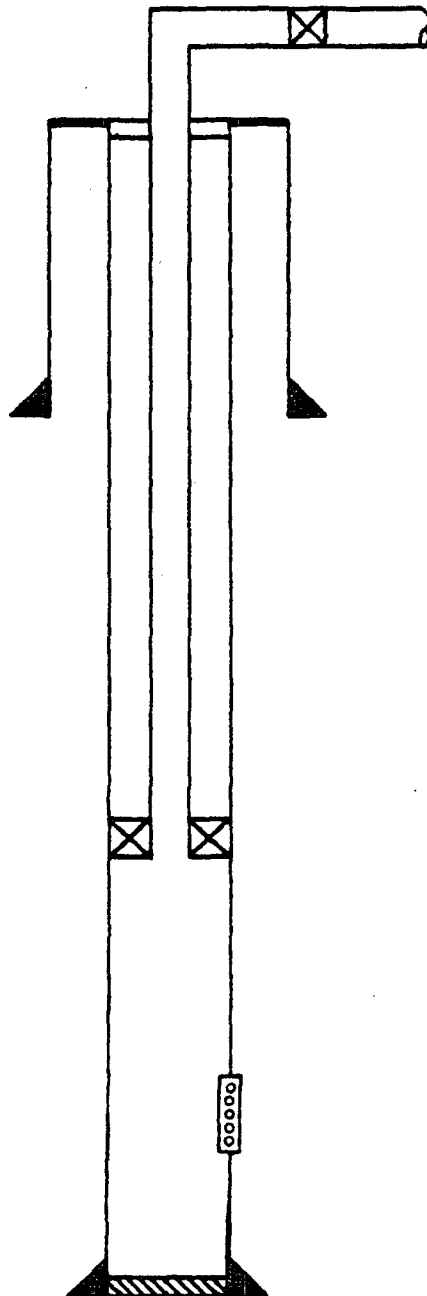
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well M-151

400' FNL & 1450' FEL, Section 11, 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. 6100'

Proposed perforations
between 6100-6300'

TD @ 6300'

PROPOSED PRODUCING WELL DIAGRAM

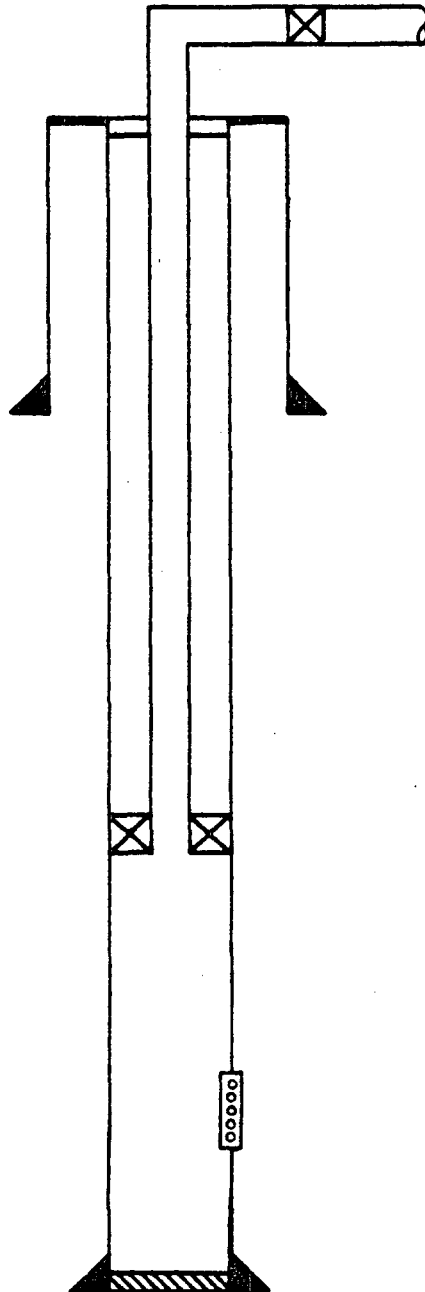
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well I-273

1300' FNL & 1595' FEL, Section 5, T-18S, R-28E
Eddy County, New Mexico

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

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



2-3/8" OD tubing

Pkr set @ approx. 6000'

Proposed perforations
between 6000-6350'

TD @ 6350'