

Atlantic Richfield Company

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

November 3, 1976

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

Attn: Mr. Joe Ramey

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

Gentlemen:

Atlantic Richfield Company, 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 20 Unit wells at non-standard locations (locations shown on attached exhibit).

The proposed drilling of the subject wells at the 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 or subdivision inner boundary."

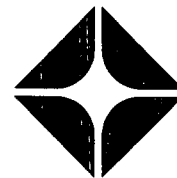
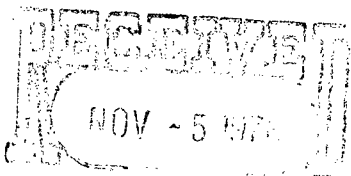
The proposed drilling of the wells will be necessary to complete a more efficient producing pattern to conserve reservoir energy, promote the greatest ultimate recovery of Unit reserves, prevent waste, and protect correlative rights.

Very truly yours,

ATLANTIC RICHFIELD COMPANY

*J. L. Tweed*  
J. L. Tweed  
District Engineer

REH/agp



OIL CONSERVATION COMM. *NSL-809*  
Santa Fe

*20 wells - See pg 2*  
*Rule 14 R 4549 B*

*See upon receipt of*  
*approval from Artesia*

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



November 3, 1976

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

Attn: Joe 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 Project  
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 locations with a complete application.

Attached you will find a list of the offset operators to the proposed non-standard locations and the date that they were notified.

Very truly yours,

J. L. Tweed  
District Engineer

REH/agp

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

All the following Offset Operators notified November 3, 1976

OPERATOR

DEPCO, Inc.  
800 Central  
Odessa, Texas 79761

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

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

Herman Ledbetter  
874 Amarillo  
Abilene, Texas 79602

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

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

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

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

Offset Operators, etc. (cont'd)

OPERATOR

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

**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.

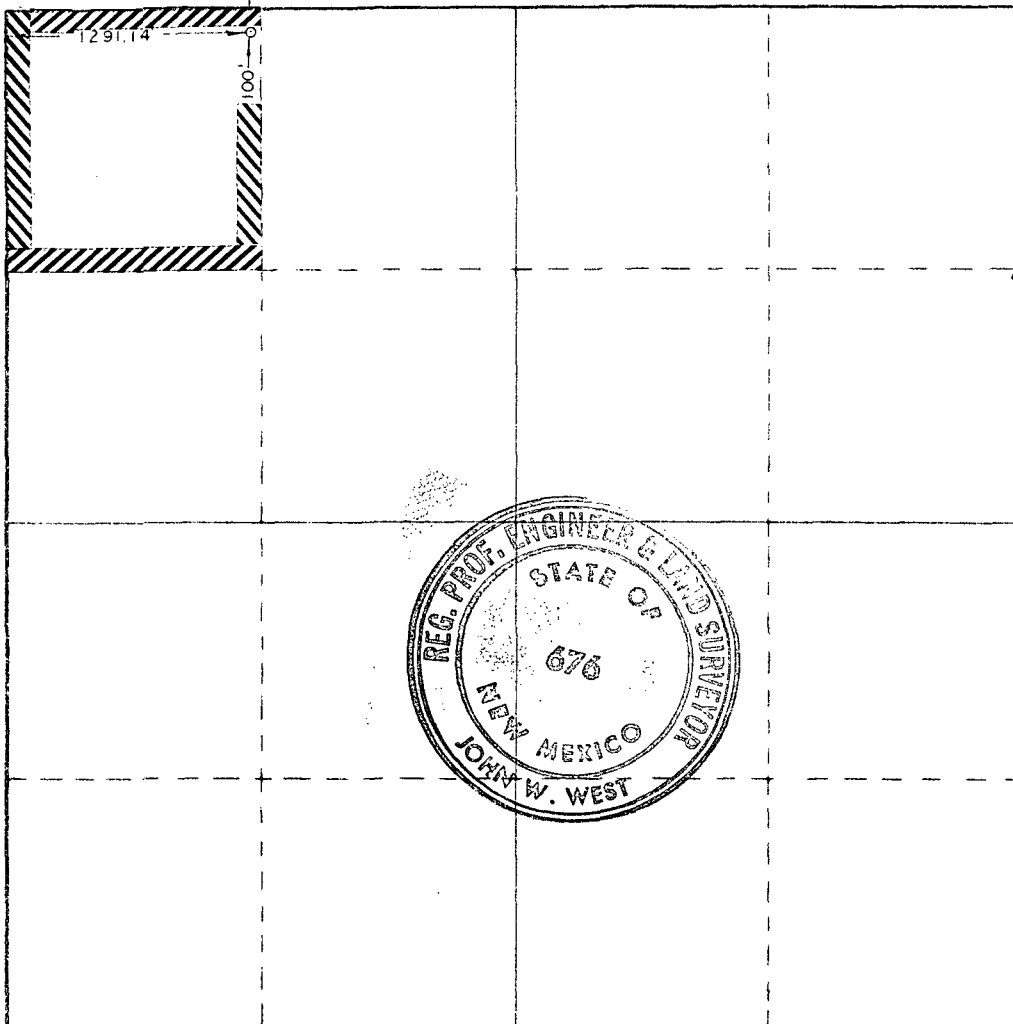
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit</b>		No. 11 <b>E-372</b>
Part Letter <b>D</b>	Section <b>35</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span><b>100</b> feet from the <b>north</b> line and</span> <span><b>1291.14</b> feet from the <b>west</b> line</span> </div>					
Ground Level Elev. <b>3681.1</b>	Producing Formation <b>Abo Reef</b>	Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> 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.

Name \_\_\_\_\_  
 Position \_\_\_\_\_  
**Dist. Dirg. Supv.**

Company  
**Atlantic Richfield Company**

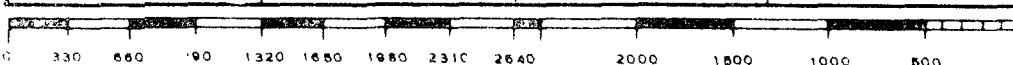
Date  
**10/5/76**

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  
**Oct. 1, 1976**

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 O-107  
Superseded O-120  
Effective 1-1-75

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

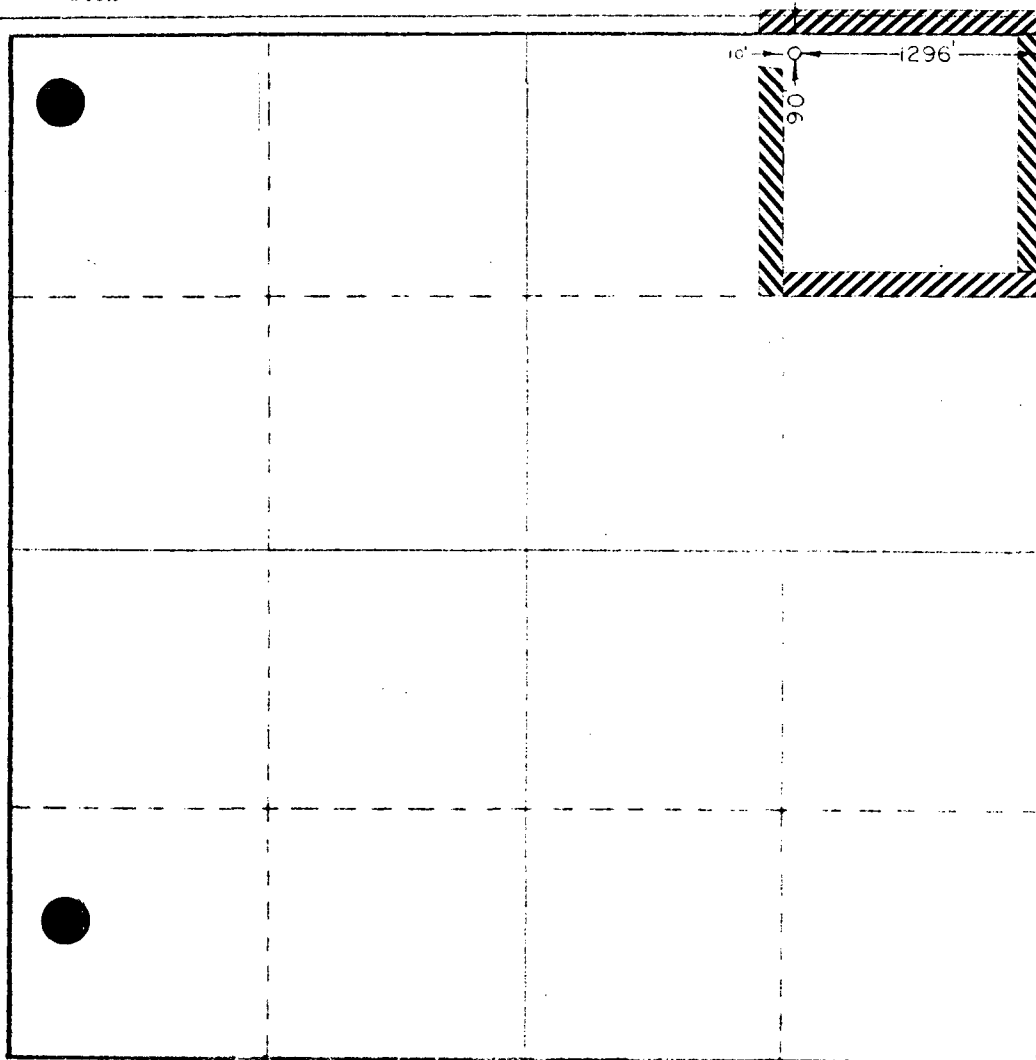
Owner <b>Atlantic Richfield Company</b>			Lease <b>Empire Abo Unit E</b>		Acres <b>401</b>
Unit Letter <b>A</b>	Section <b>35</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Well Location of Well:					
<b>1296</b>	feet from the	<b>East</b>	<b>90</b>	feet from the	<b>North</b>
Ground Level Elev. <b>3669.1</b>	Producing Formation <b>Abo Reef</b>		Lease <b>Empire Abo</b>		Acres <b>40</b>

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.) \_\_\_\_\_

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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.

*R. E. Huff*

R. E. Huff

Operations Engineer

Atlantic Richfield Co.

November 2, 1976

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.

November 18, 1975

Registered Professional Land Surveyor and Oil Well Surveyor

*John W. West*

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.

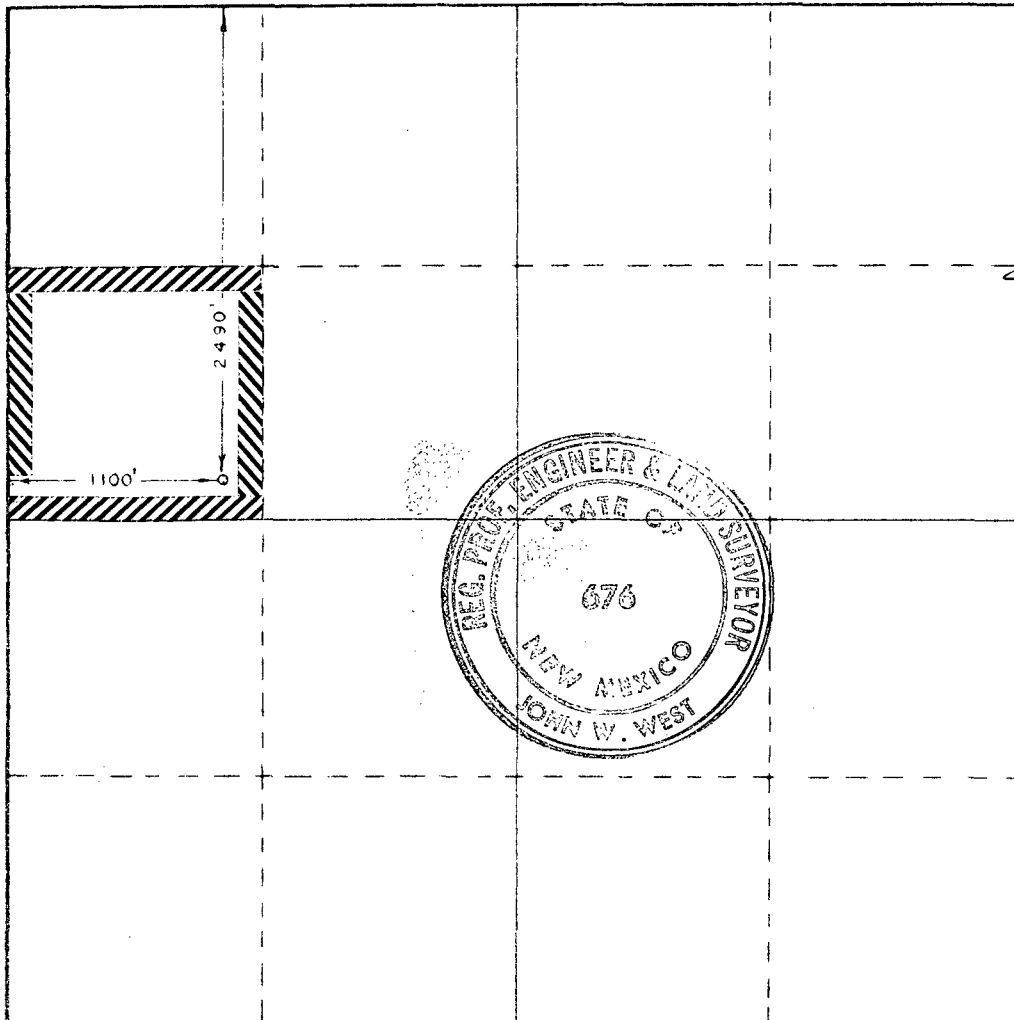
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit</b>		Well No. <b>F-372</b>
Unit Letter <b>E</b>	Section <b>35</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well:					
<b>2490</b>	feet from the	<b>north</b>	line and	<b>1100</b>	feet from the <b>west</b> line
Ground Level Elev. <b>3676.8</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres

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

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

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

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**CERTIFICATION**

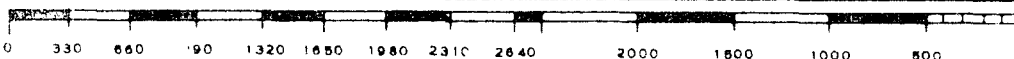
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name \_\_\_\_\_  
 Position \_\_\_\_\_  
**Dist. Drlg. Supv.**  
 Company  
**Atlantic Richfield Company**  
 Date  
**10/5/76**

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 1, 1976**  
 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

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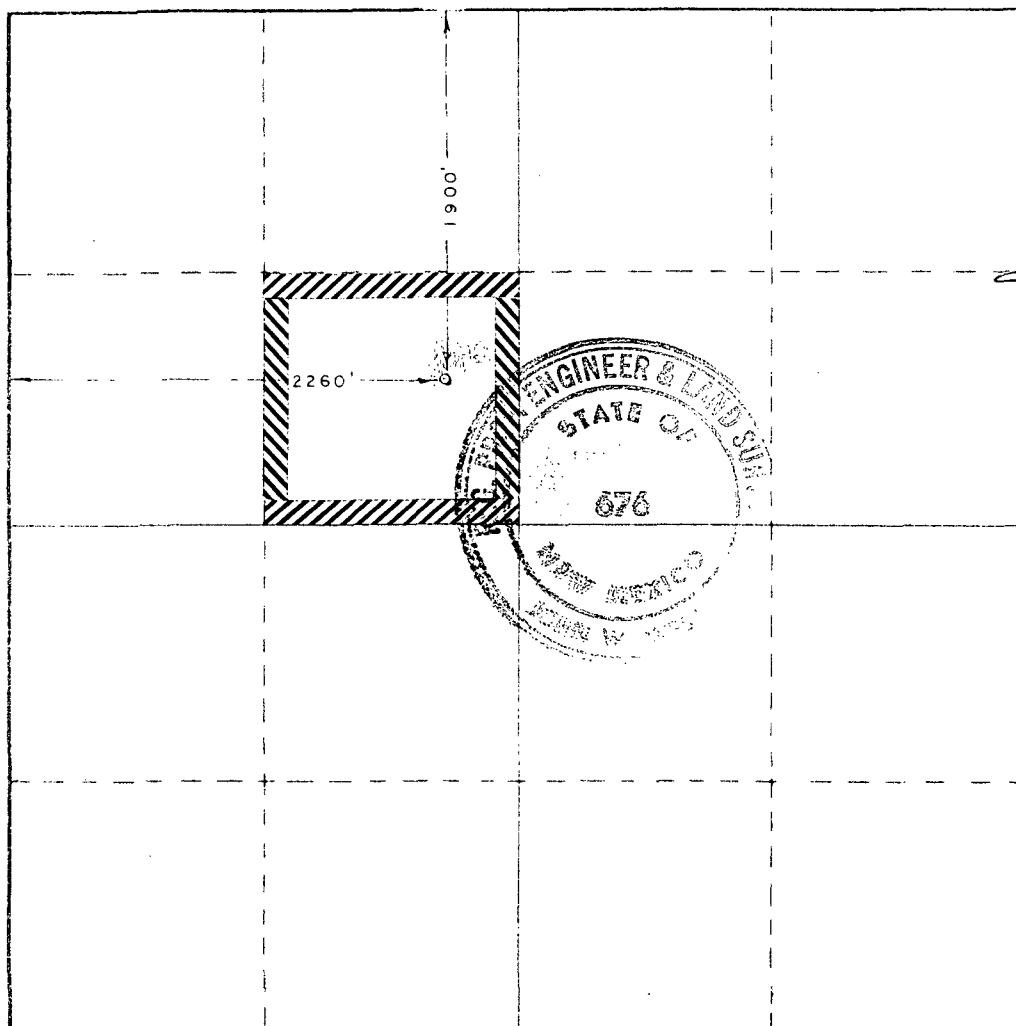
Lessor <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit</b>		Well No. <b>F-381</b>
Map Letter <b>F</b>	Section <b>35</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1900</b> feet from the <b>north</b> line and <b>2260</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3679.0</b>	Producing Formation <b>Abo Reef</b>	Pool <b>Empire Abo</b>		Dedicated Acreage <b>40</b>	

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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

Name \_\_\_\_\_

Position \_\_\_\_\_

**Dist. Dir. Supv.**

Company \_\_\_\_\_

**Atlantic Richfield Company**

Date \_\_\_\_\_

**10/4/76**

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 \_\_\_\_\_

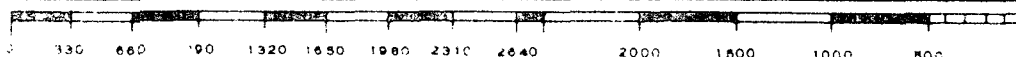
**Oct. 1, 1976**

Registered Professional Engineer and/or Land Surveyor

*Alvin 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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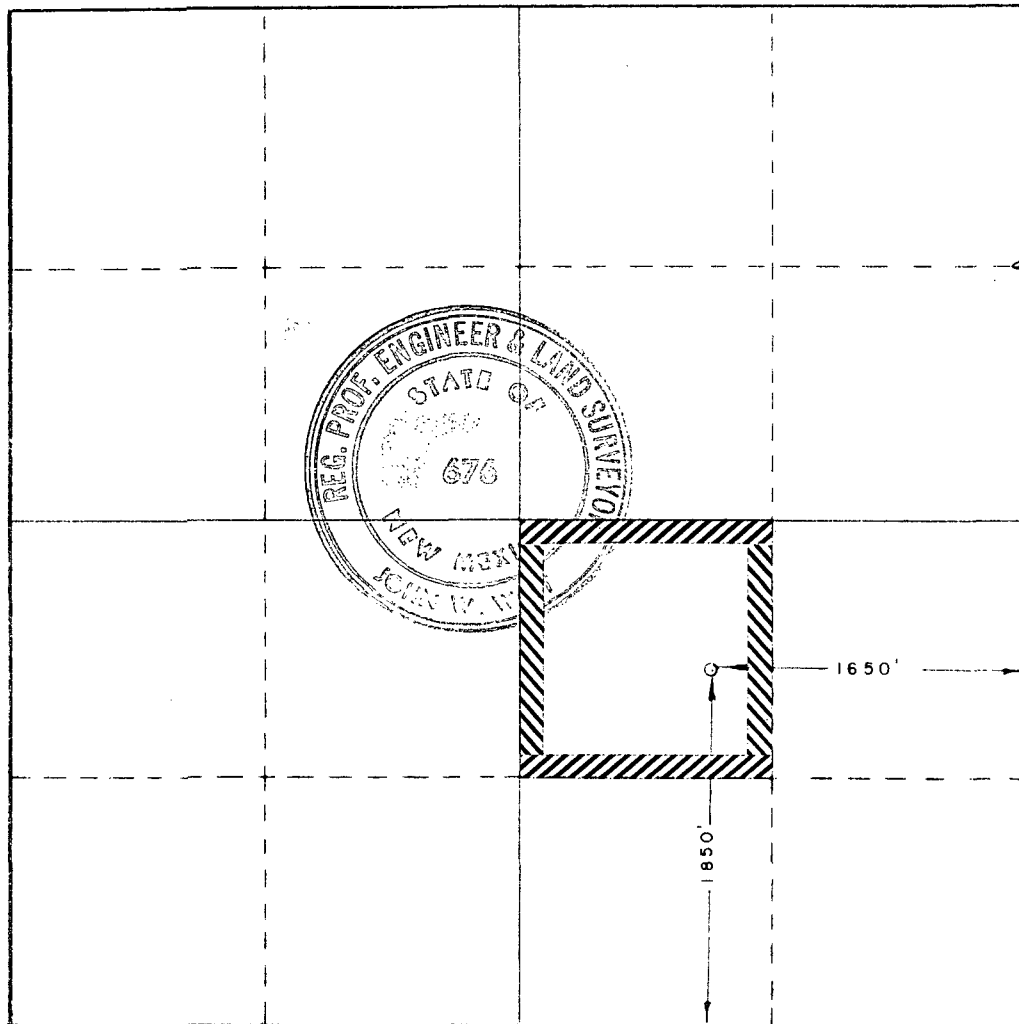
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit</b>		Well No. <b>G-351</b>
Unit Letter <b>J</b>	Section <b>34</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1850</b> feet from the <b>south</b> line and <b>1650</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3663.2</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> ACRES

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

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

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

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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.

Name \_\_\_\_\_  
 Position \_\_\_\_\_  
**Dist. Drlg. Supv.**  
 Company  
**Atlantic Richfield Company**  
 Date  
**10/5/76**

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  
**Oct. 1, 1976**  
 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  
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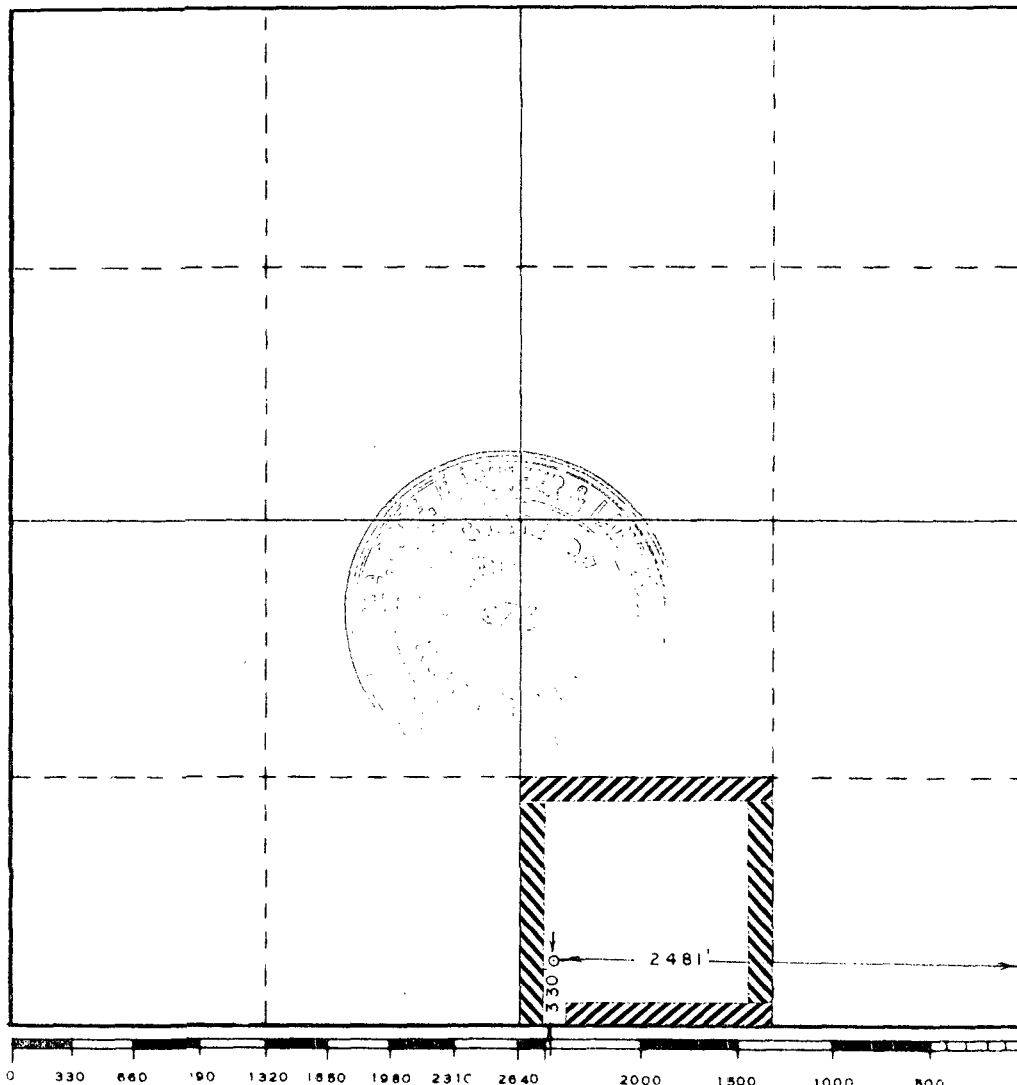
Operator <b>ATLANTIC RICHFIELD COMPANY</b>		Lease <b>Empire Abo Unit</b>			Well No. <b>H-272</b>
Unit Letter <b>0</b>	Section <b>32</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>2481</b> feet from the <b>east</b> line and <b>330</b> feet from the <b>south</b> line					
Ground Level Elev. <b>3661.4</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>	Dedicated Acreage: <b>40</b> Acres	

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

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

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

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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.

Name

Position

Dist. Drlg. Supv.

Company

Atlantic Richfield Company

Date

10/5/76

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

Oct. 1, 1976

Registered Professional Engineer  
and/or Land Surveyor

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 <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit</b>		Well No. <b>H-292</b>
Unit Letter <b>M</b>	Section <b>33</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	

Actual Footage Location of Well:

**1225** feet from the **west** line and **180** feet from the **south** line

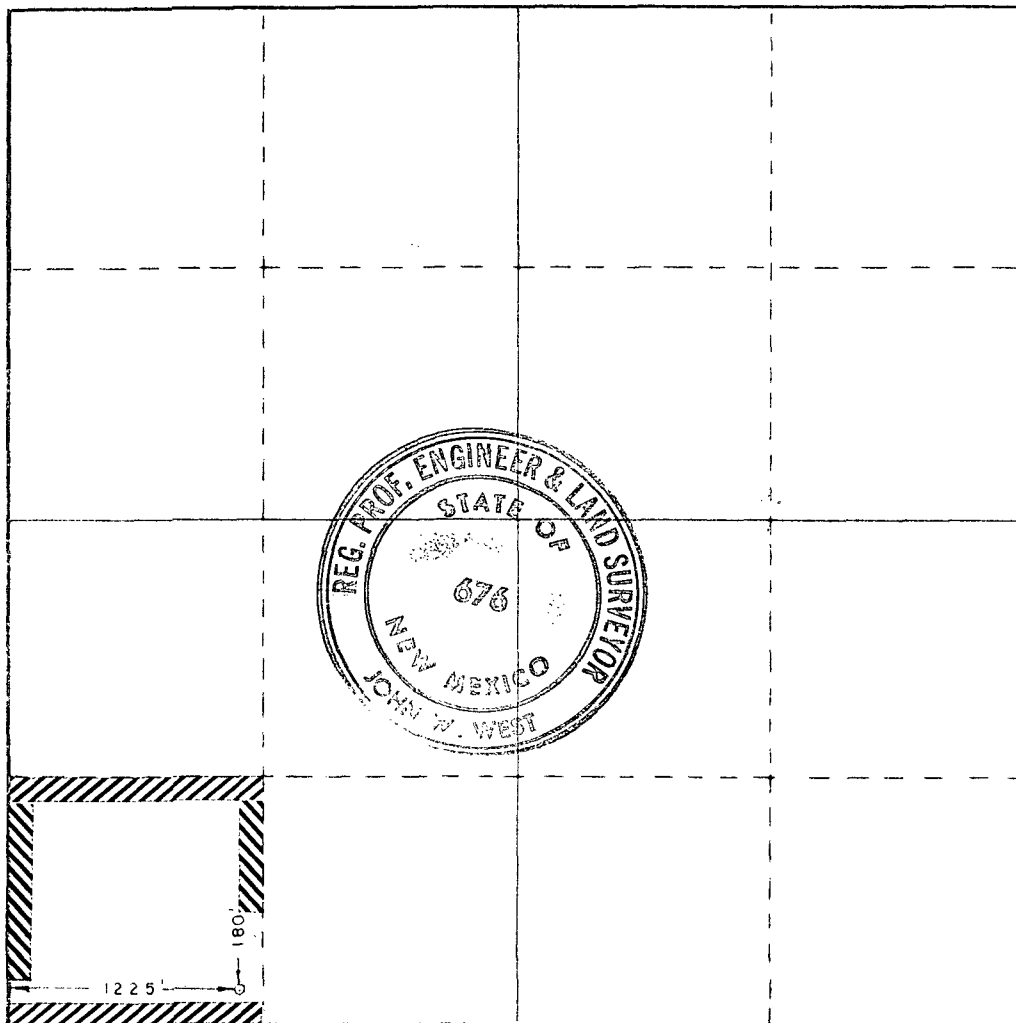
Ground Level Elev. <b>3665.7</b>	Producing Formation <b>Abo Reef</b>	Pool <b>Empire Abo</b>	Dedicated Acreage: <b>40</b> Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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3. 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. (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.*

Name 
Position <b>Dist. Engr. Supv.</b>
Company <b>Atlantic Richfield Company</b>
Date <b>10/5/76</b>

*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 <b>Oct. 1, 1976</b>
Registered Professional Engineer and/or Land Surveyor

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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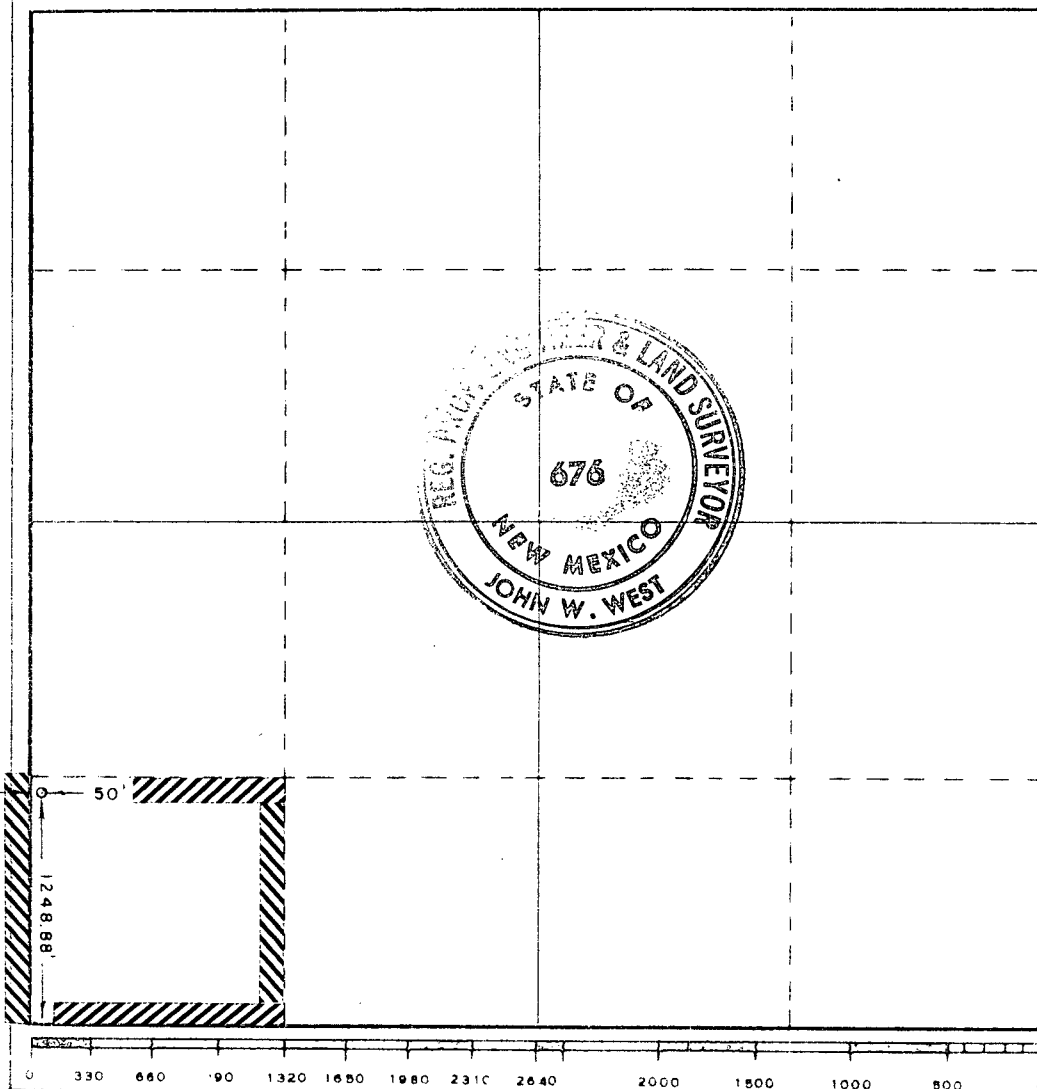
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit</b>		Well No. <b>H-293</b>
Unit Letter <b>M</b>	Section <b>33</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1248.88</b> feet from the <b>south</b> line and <b>50</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3671.4</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
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☒ Yes    ☐ No    If answer is "yes," type of consolidation **Unitization**

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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.

*R.E. Huff*  
Name

**R. E. Huff**  
Position

**Operations Engineer**  
Company

**Atlantic Richfield Company**  
Date

**November 2, 1976**

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  
**Oct. 1, 1976**

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

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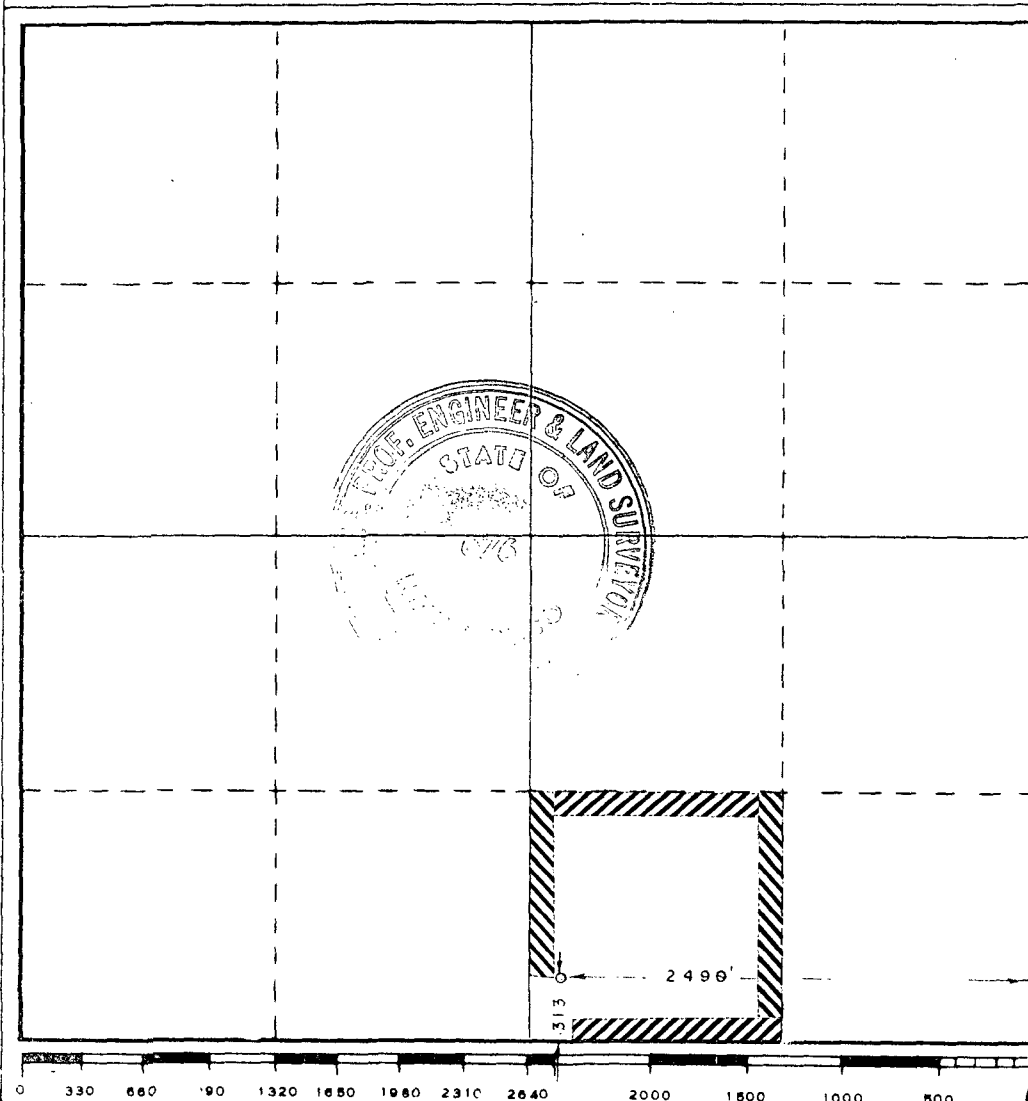
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit</b>		Well No. <b>H-311</b>
Unit Letter <b>0</b>	Section <b>33</b>	Township <b>17 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>2490</b> feet from the <b>east</b> line and <b>313</b> feet from the <b>south</b> line					
Ground Level Elev. <b>3661.4</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>	Dedicated Acreage: <b>40</b> Acres	

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

Name \_\_\_\_\_  
 Position Dist. Drlg. Supv.  
 Company Atlantic Richfield Company  
 Date 10/5/76

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 Oct. 1, 1976  
 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

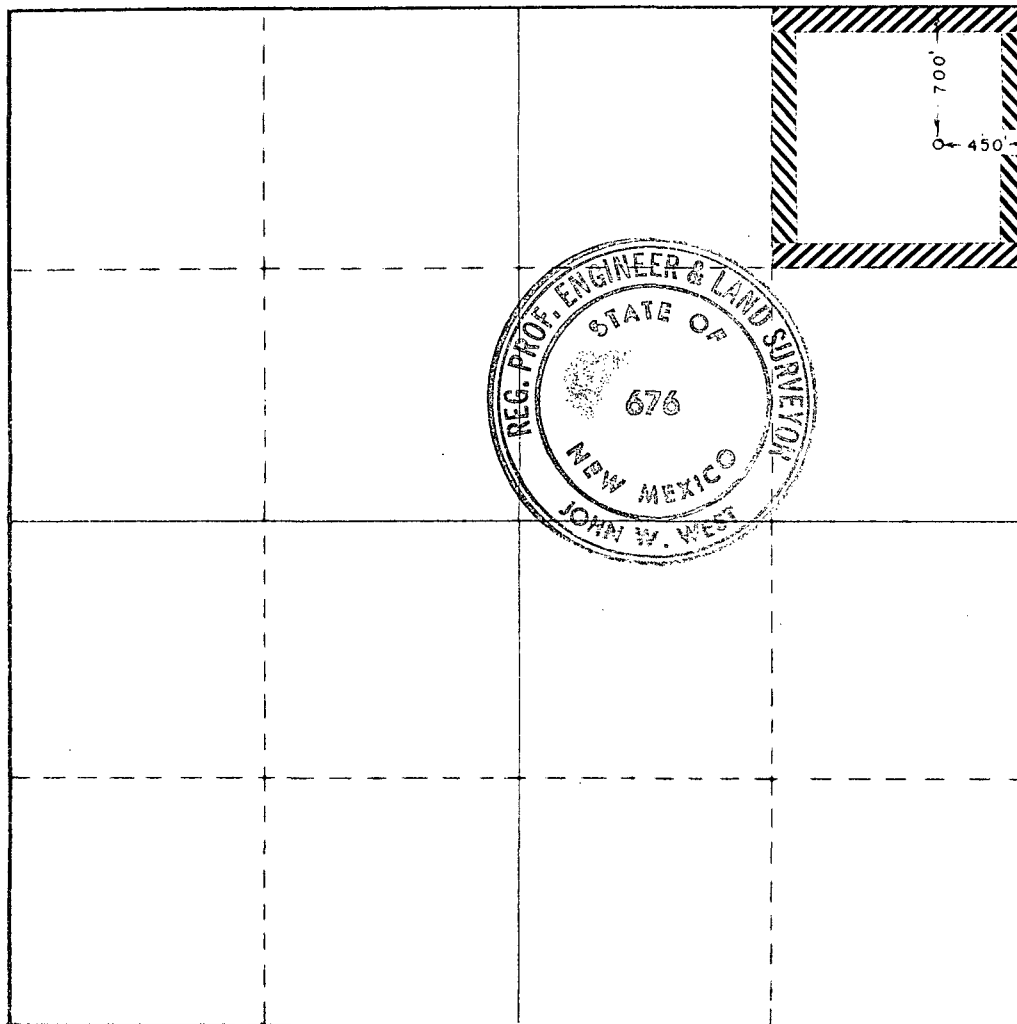
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit</b>		Well No. <b>I-281</b>
Unit Letter <b>A</b>	Section <b>5</b>	Township <b>18 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between; align-items: center;"> <span><b>450</b> feet from the <b>east</b> line and</span> <span><b>700</b> feet from the <b>north</b> line</span> </div>					
Ground Level Elev. <b>3659.8</b>	Producing Formation <b>Abo Reef</b>	Pool <b>Empire Abo</b>	Dedicated Acreage: <b>40</b> 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**

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Name \_\_\_\_\_  
 Position Dist. Drlg. Supv.  
 Company Atlantic Richfield Company  
 Date 10/5/76

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Date Surveyed Oct. 1, 1976  
 Registered Professional Engineer and/or Land Surveyor

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

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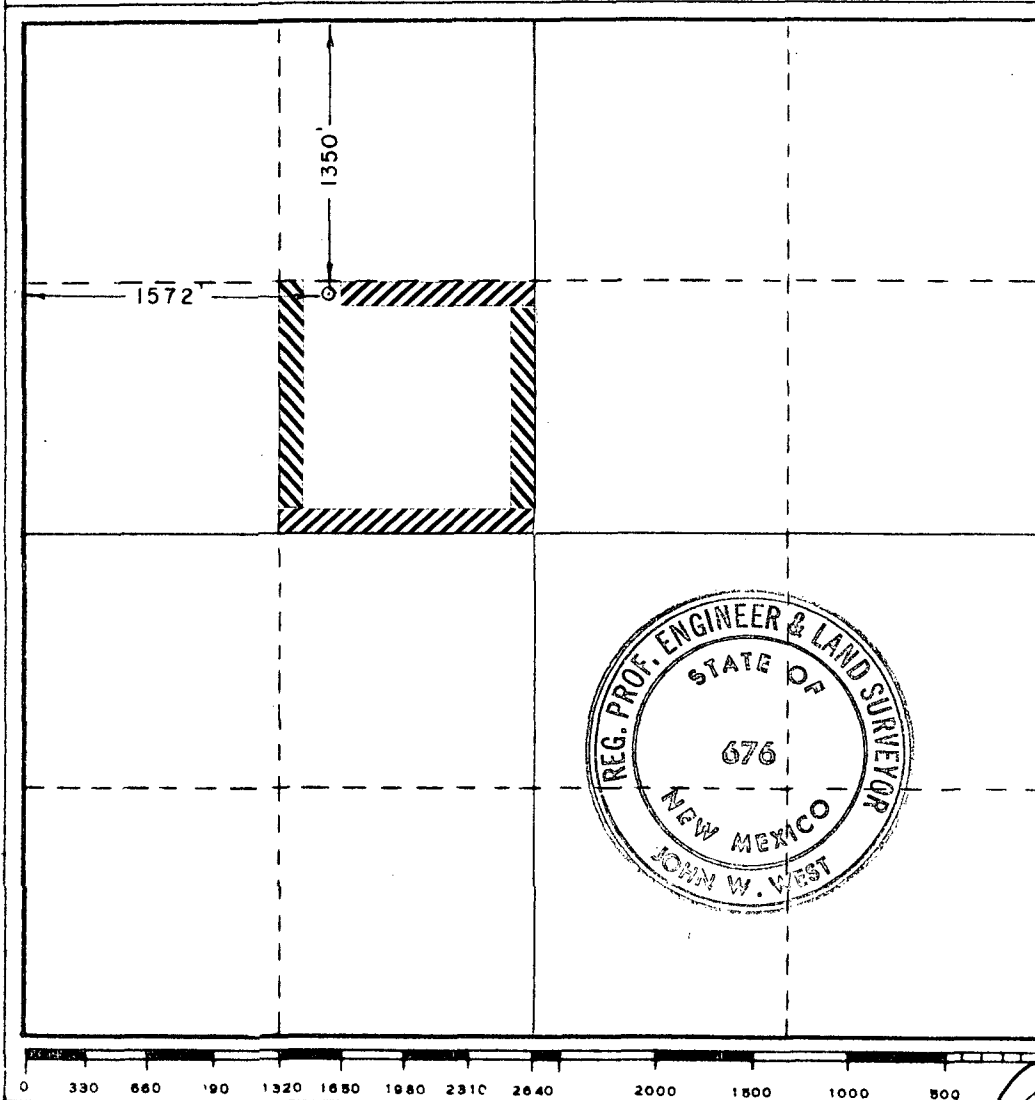
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit "J"</b>		Well No. <b>222</b>
Unit Letter <b>F</b>	Section <b>6</b>	Township <b>18 South</b>	Range <b>28 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1350</b> feet from the <b>north</b> line and <b>1572</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3656.7</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres

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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. (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.

*R. E. Huff*

Name

**R. E. Huff**

Position

**Operations Engineer**

Company

**Atlantic Richfield Company**

Date

**November 2, 1976**

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

**Oct 4, 1976**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No.

**676**

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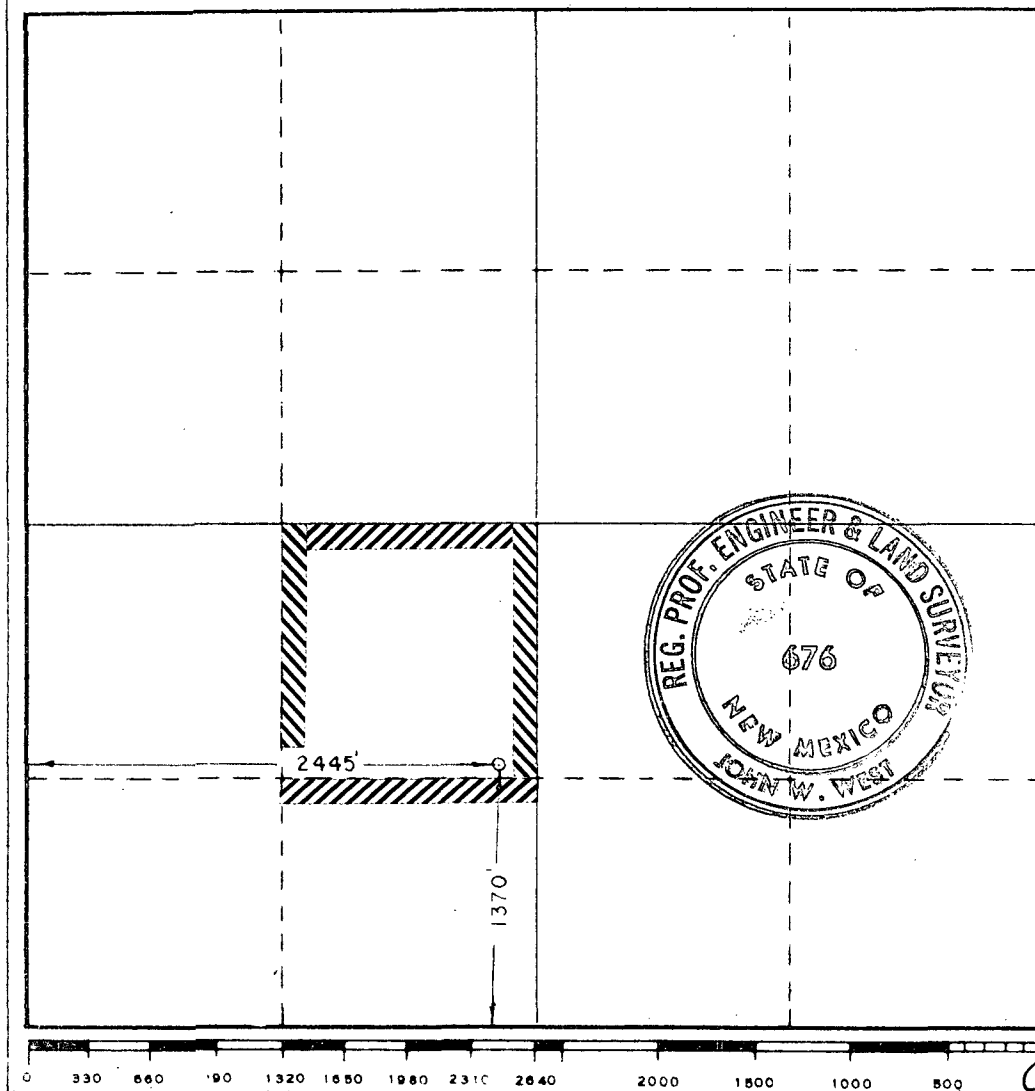
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit "K"</b>		Well No. <b>141</b>
Unit Letter <b>K</b>	Section <b>2</b>	Township <b>18 South</b>	Range <b>27 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1370</b> feet from the <b>south</b> line and <b>2445</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3521.0</b>	Producing Formation <b>Abo Reef</b>	Pool <b>Empire Abo</b>	Dedicated Acreage: <b>40</b> 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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Name

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Position

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Company

**Atlantic Richfield Company**

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Date Surveyed

**Sept 30, 1976**

Registered Professional Engineer  
and/or Land Surveyor

*John W. West*

Certificate No.

**676**



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WELL LOCATION AND ACREAGE DEDICATION PLAT**

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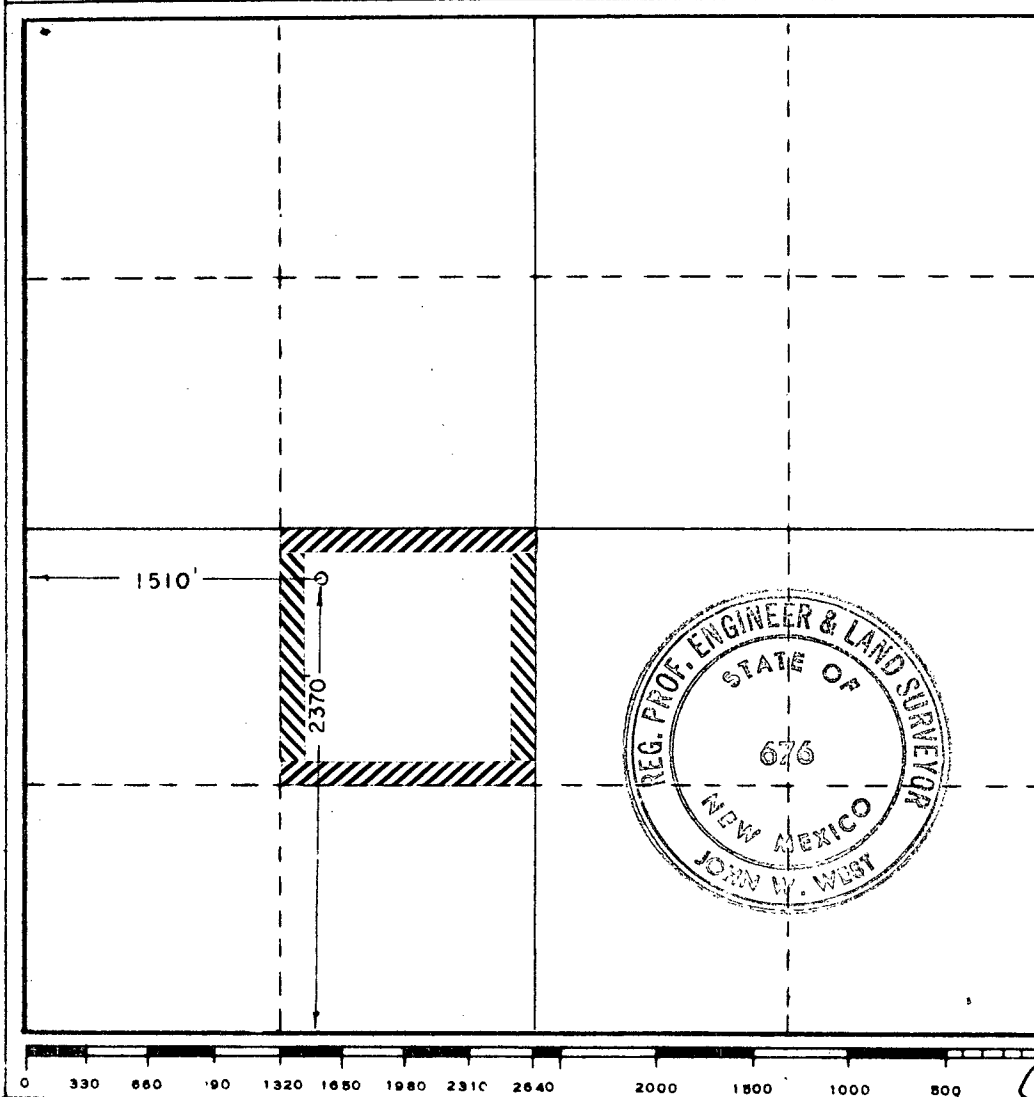
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit "K"</b>		Well No. <b>183</b>
Unit Letter <b>K</b>	Section <b>1</b>	Township <b>18 South</b>	Range <b>27 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>2370</b> feet from the <b>south</b> line and <b>1510</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3694.0</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres

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

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Name

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Company

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Date Surveyed

**Oct 4, 1976**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No.

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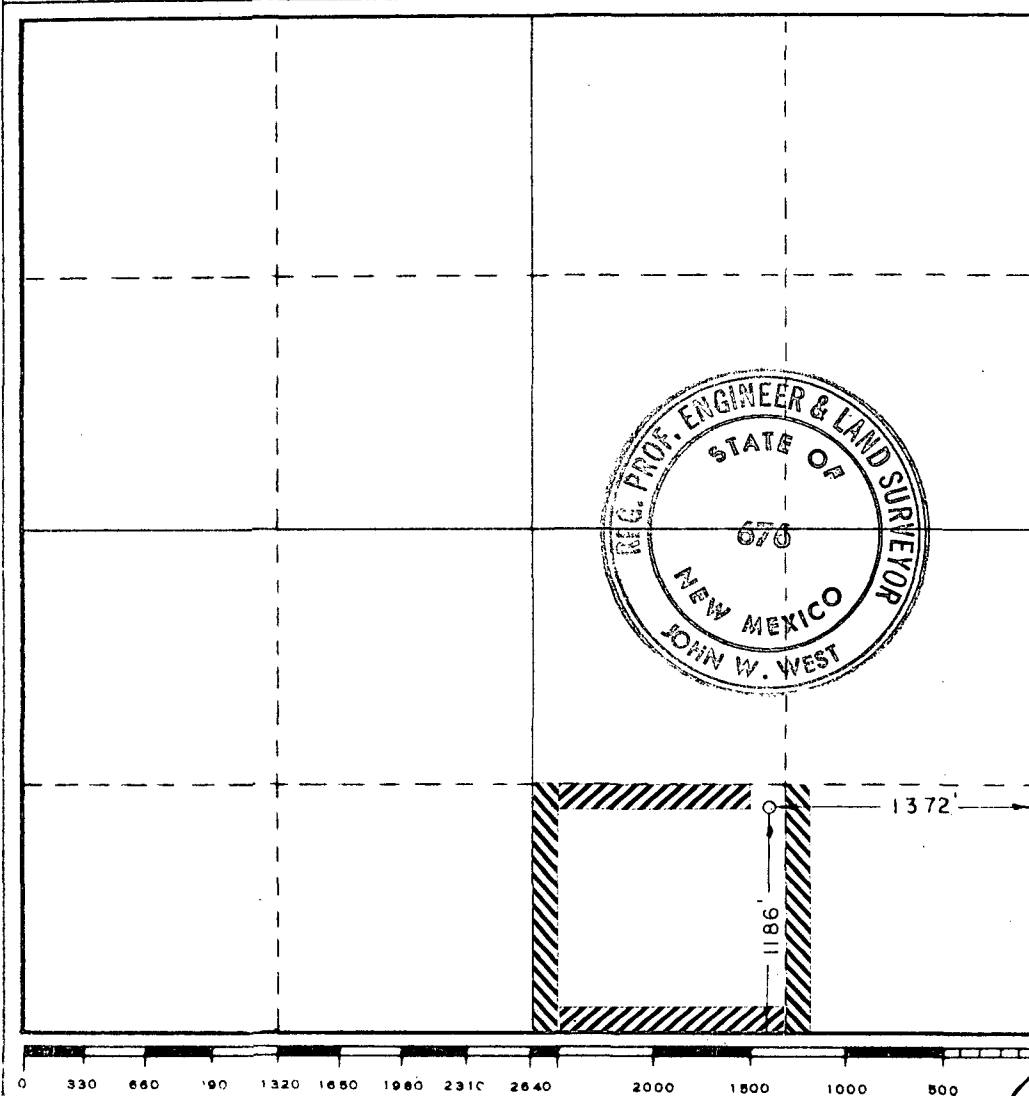
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit "L"</b>		Well No. <b>112</b>
Unit Letter <b>0</b>	Section <b>3</b>	Township <b>18 South</b>	Range <b>27 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1186</b> feet from the <b>south</b> line and <b>1372</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3516.7</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
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*I hereby certify, that the information contained herein is true and complete to the best of my knowledge and belief.*

*R. E. Huff*

Name

**R. E. Huff**

Position

**Operations Engineer**

Company

**Atlantic Richfield Company**

Date

**November 2, 1976**

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Date Surveyed

**Sept 30, 1976**

Registered Professional Engineer and/or Land Surveyor

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Certificate No.

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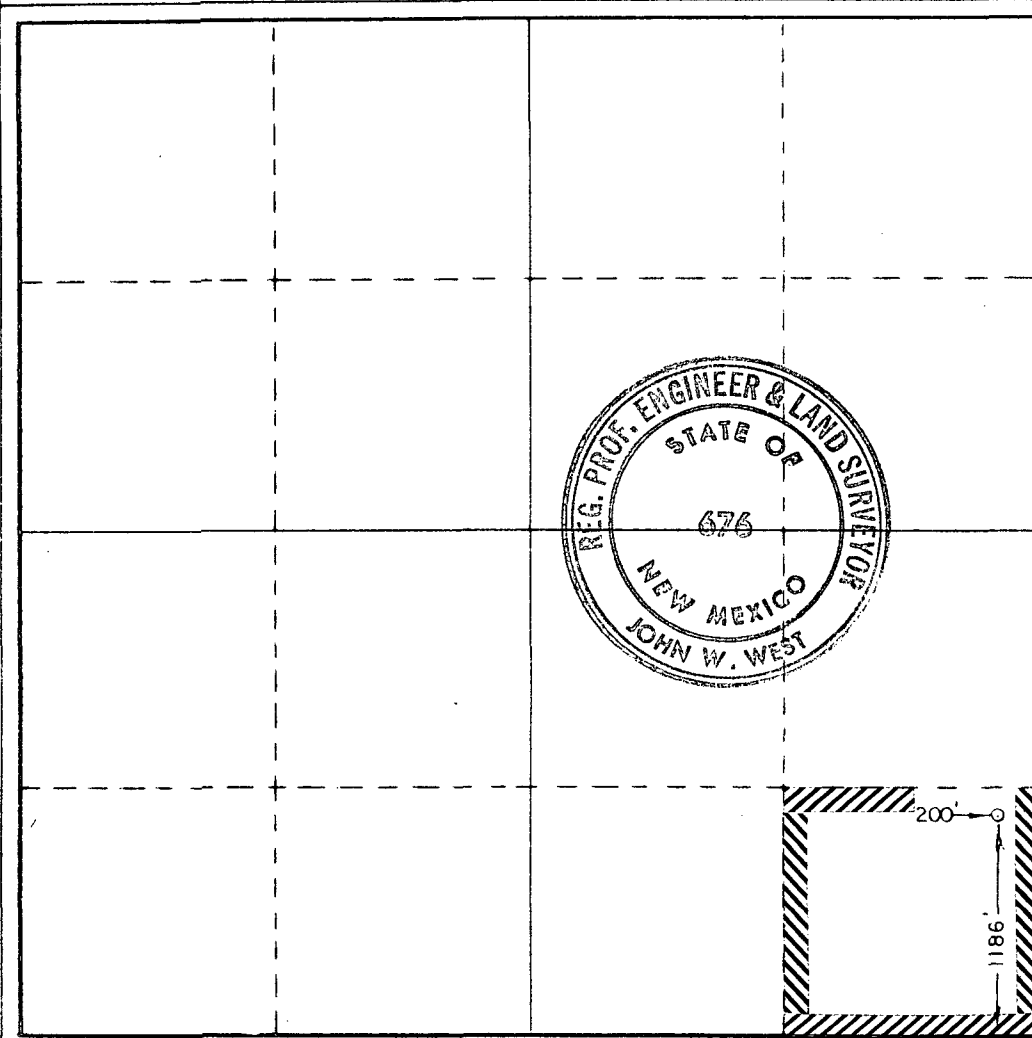
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit "L"</b>		Well No. <b>121</b>
Unit Letter <b>P</b>	Section <b>3</b>	Township <b>18 South</b>	Range <b>27 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1186</b> feet from the <b>south</b> line and <b>200</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3509.3</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres

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

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*R.E. Huff*

Name

**R. E. Huff**

Position

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Company

**Atlantic Richfield Company**

Date

**November 2, 1976**

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Date Surveyed

**Sept 30, 1976**

Registered Professional Engineer and/or Land Surveyor

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Certificate No.

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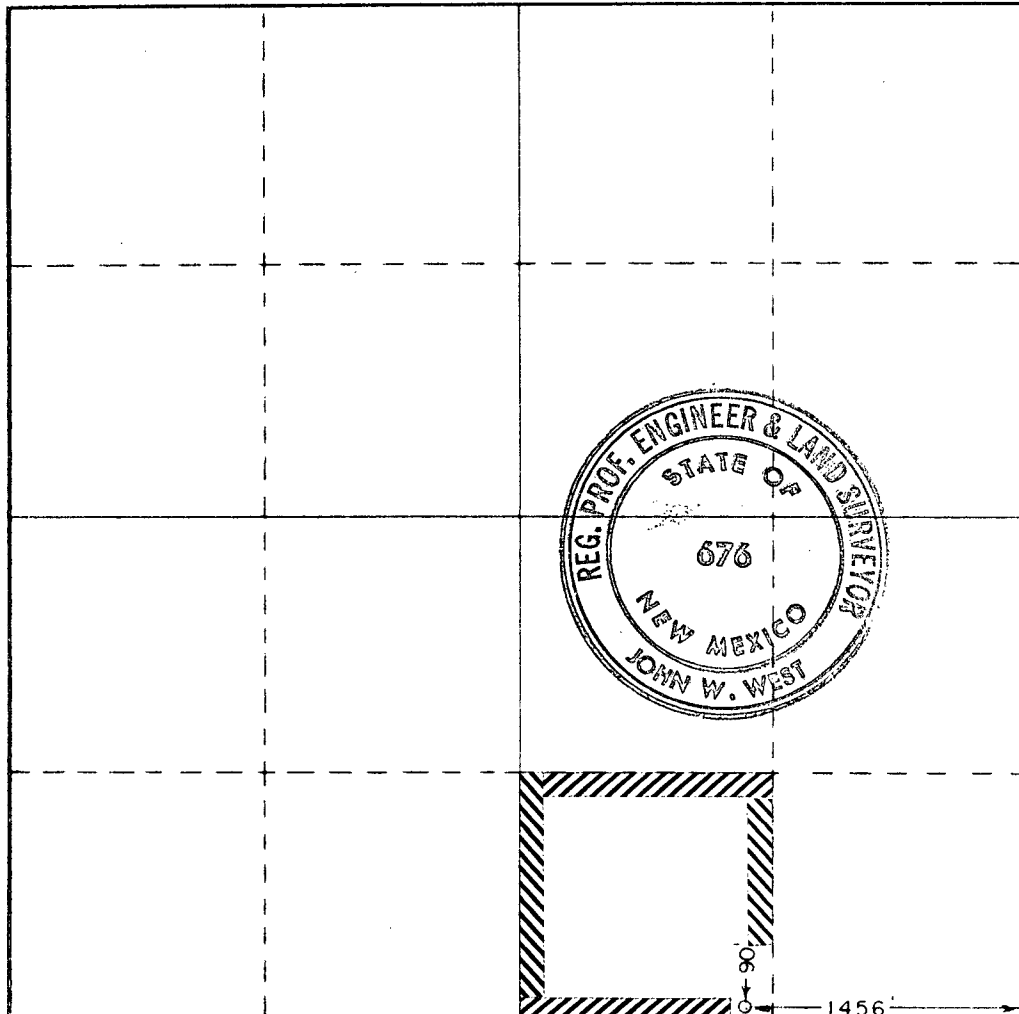
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit "L"</b>		Well No. <b>153</b>
Unit Letter <b>0</b>	Section <b>2</b>	Township <b>18 South</b>	Range <b>27 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between; align-items: center;"> <span><b>90</b> feet from the <b>south</b> line and</span> <span><b>1456</b> feet from the <b>east</b> line</span> </div>					
Ground Level Elev. <b>3585.0</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres

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

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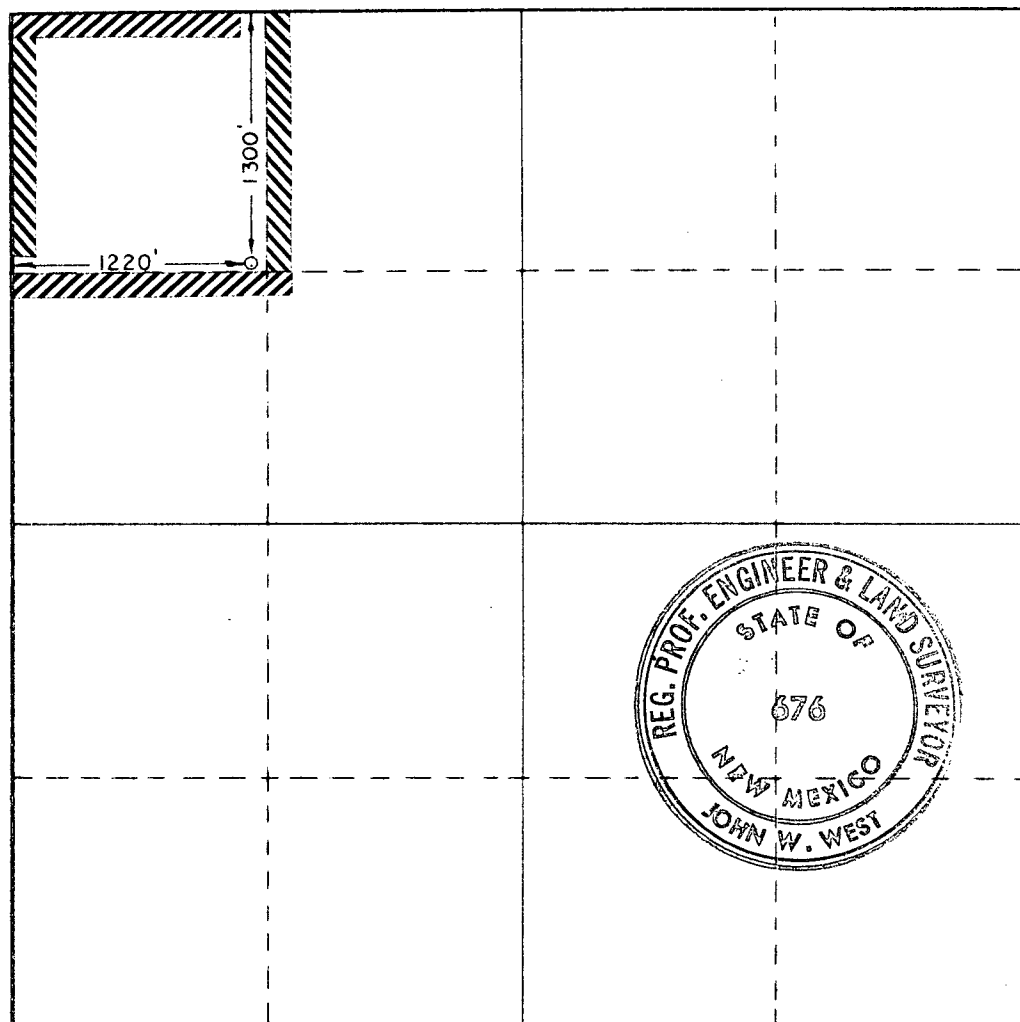
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit "M"</b>		Well No. <b>91</b>
Unit Letter <b>D</b>	Section <b>10</b>	Township <b>18 South</b>	Range <b>27 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1300</b> feet from the <b>north</b> line and <b>1220</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3507.7</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>	Dedicated Acreage: <b>40</b> Acres	

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

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*R. E. Huff*

Name

**R. E. Huff**

Position

**Operations Engineer**

Company

**Atlantic Richfield Company**

Date

**November 2, 1976**

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Date Surveyed

**Sept 30, 1976**

Registered Professional Engineer and/or Land Surveyor

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**676**

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

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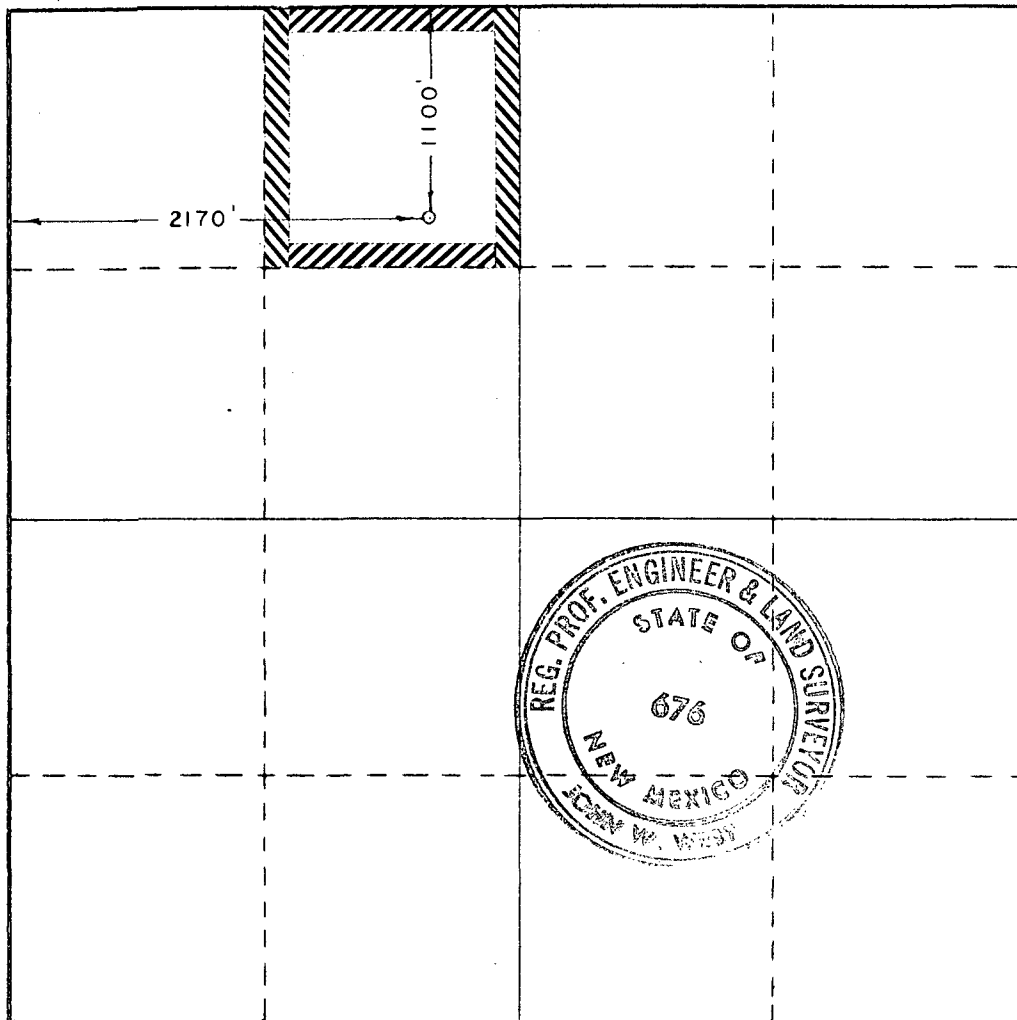
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit "M"</b>		Well No. <b>101</b>
Unit Letter <b>C</b>	Section <b>10</b>	Township <b>18 South</b>	Range <b>27 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>1100</b> feet from the <b>north</b> line and <b>2170</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3506.8</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres

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Name

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Position

**Operations Engineer**

Company

**Atlantic Richfield**

Date

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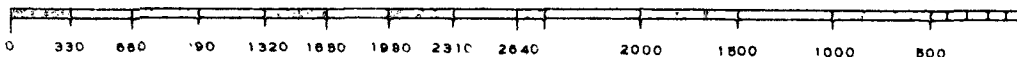
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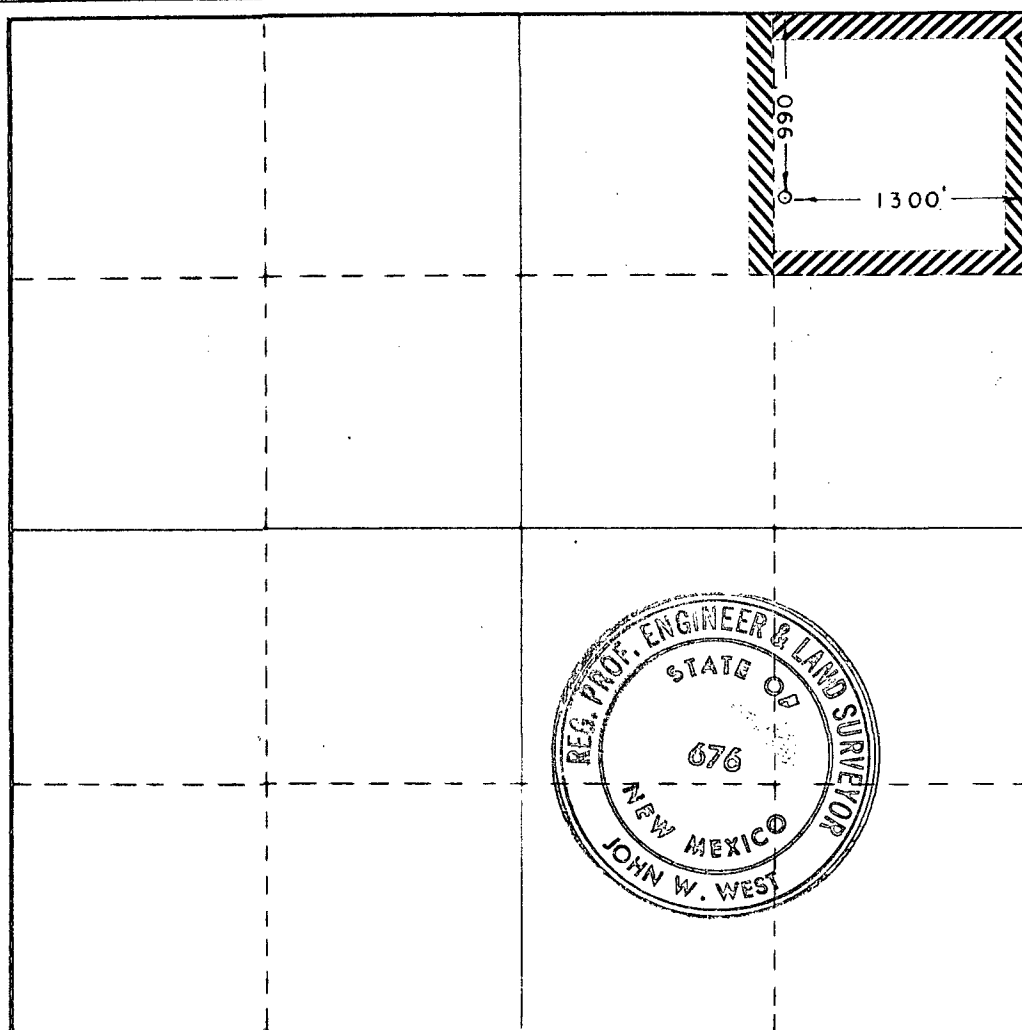
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit "M"</b>		Well No. <b>122</b>
Unit Letter <b>A</b>	Section <b>10</b>	Township <b>18 South</b>	Range <b>27 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>north</b> line and <b>1300</b> feet from the <b>east</b> line					
Ground Level Elev. <b>3499.9</b>	Producing Formation <b>Abo Reef</b>		Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres

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*R.E. Huff*  
 Name  
**R. E. Huff**  
 Position  
**Operations Engineer**  
 Company  
**Atlantic Richfield Company**  
 Date  
**November 2, 1976**

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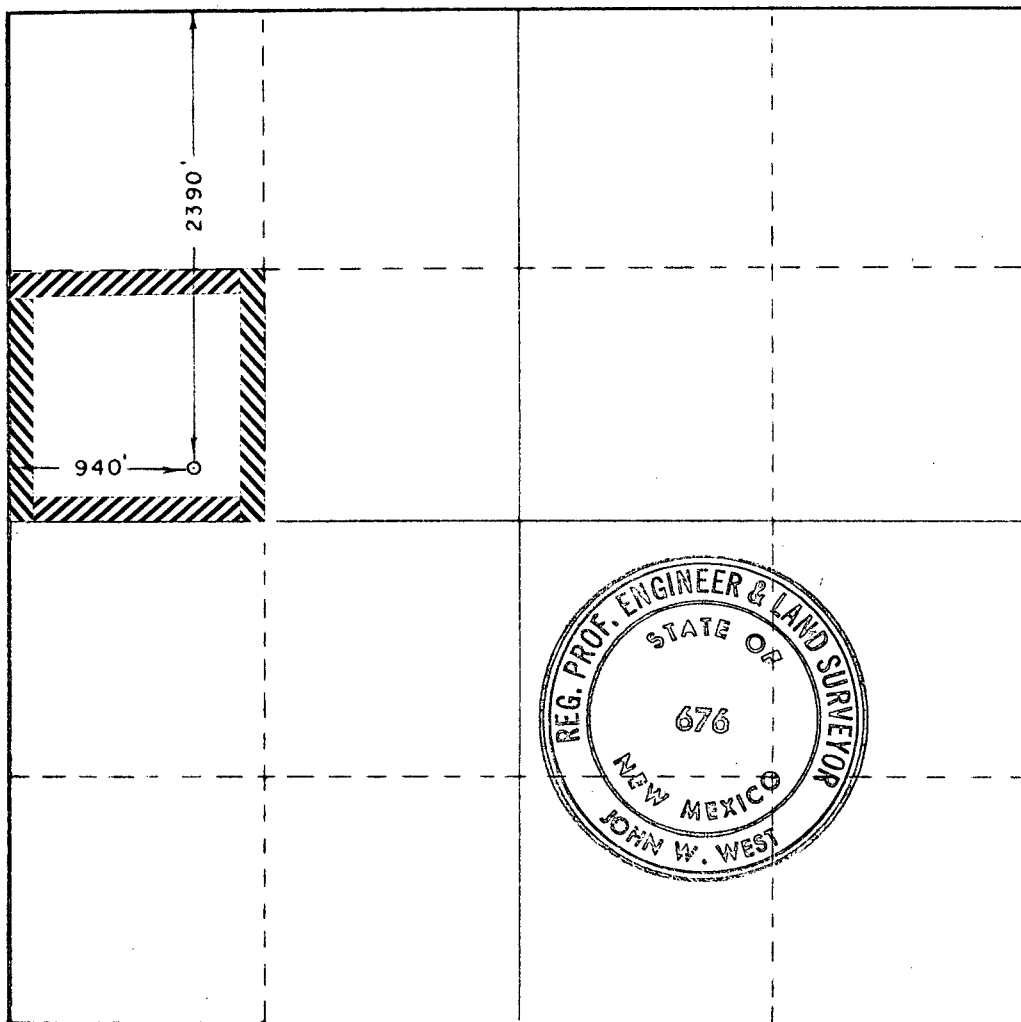
Operator <b>ATLANTIC RICHFIELD COMPANY</b>			Lease <b>Empire Abo Unit "N"</b>		W. No. <b>91</b>
Unit Letter <b>E</b>	Section <b>10</b>	Township <b>18 South</b>	Range <b>27 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>2390</b> feet from the <b>north</b> line and <b>940</b> feet from the <b>west</b> line					
Ground Level Elev. <b>3596.3</b>	Producing Formation <b>Abo Reef</b>	Pool <b>Empire Abo</b>		Dedicated Acreage: <b>40</b> Acres	

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

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

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

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



**CERTIFICATION**

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

*R. E. Huff*

Name  
**R. E. Huff**  
Position  
**Operations Engineer**  
Company  
**Atlantic Richfield Co.**

Date  
**November 2, 1976**

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  
**Sept 30, 1976**  
Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. **676**

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



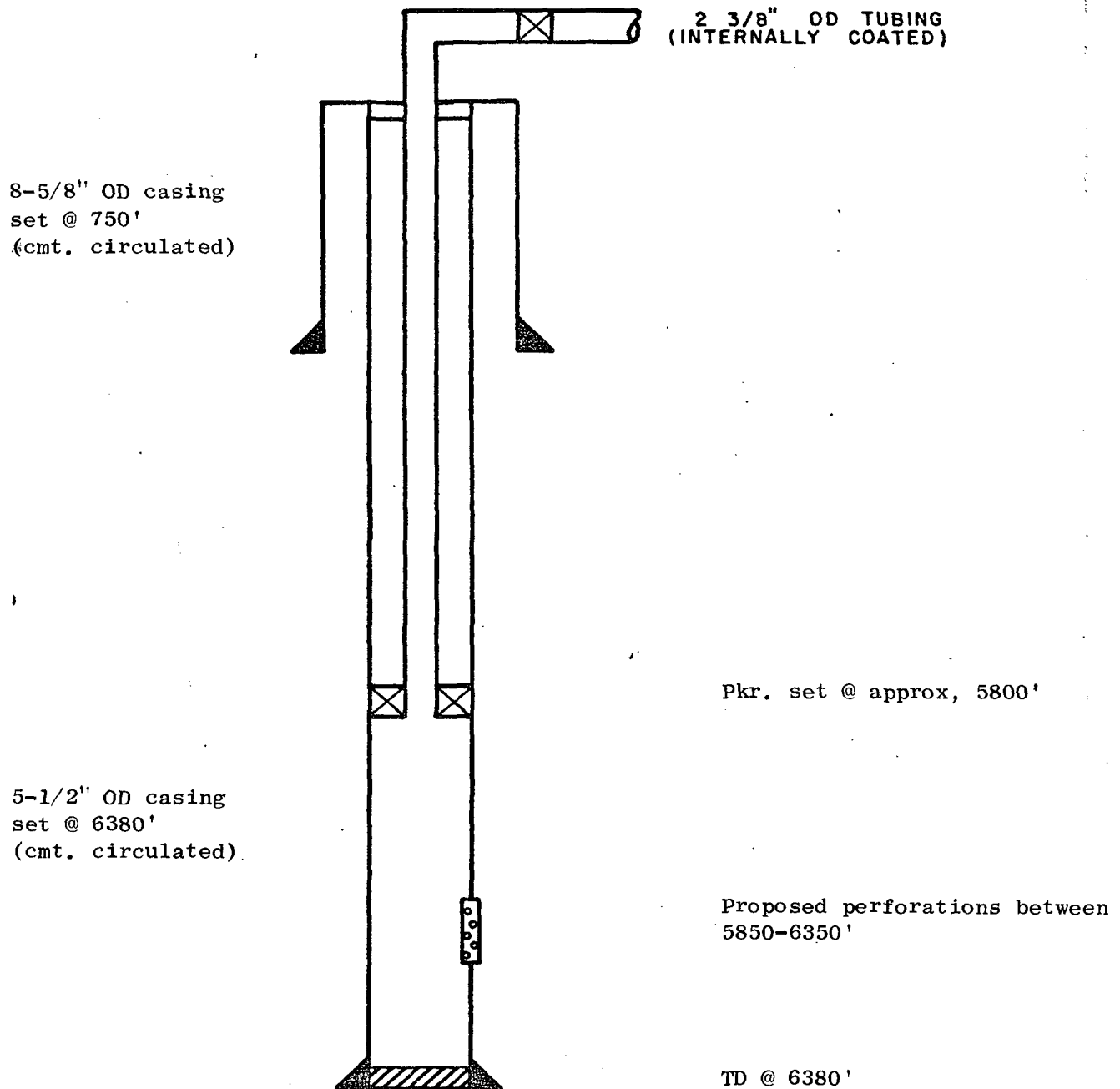
# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well E-372

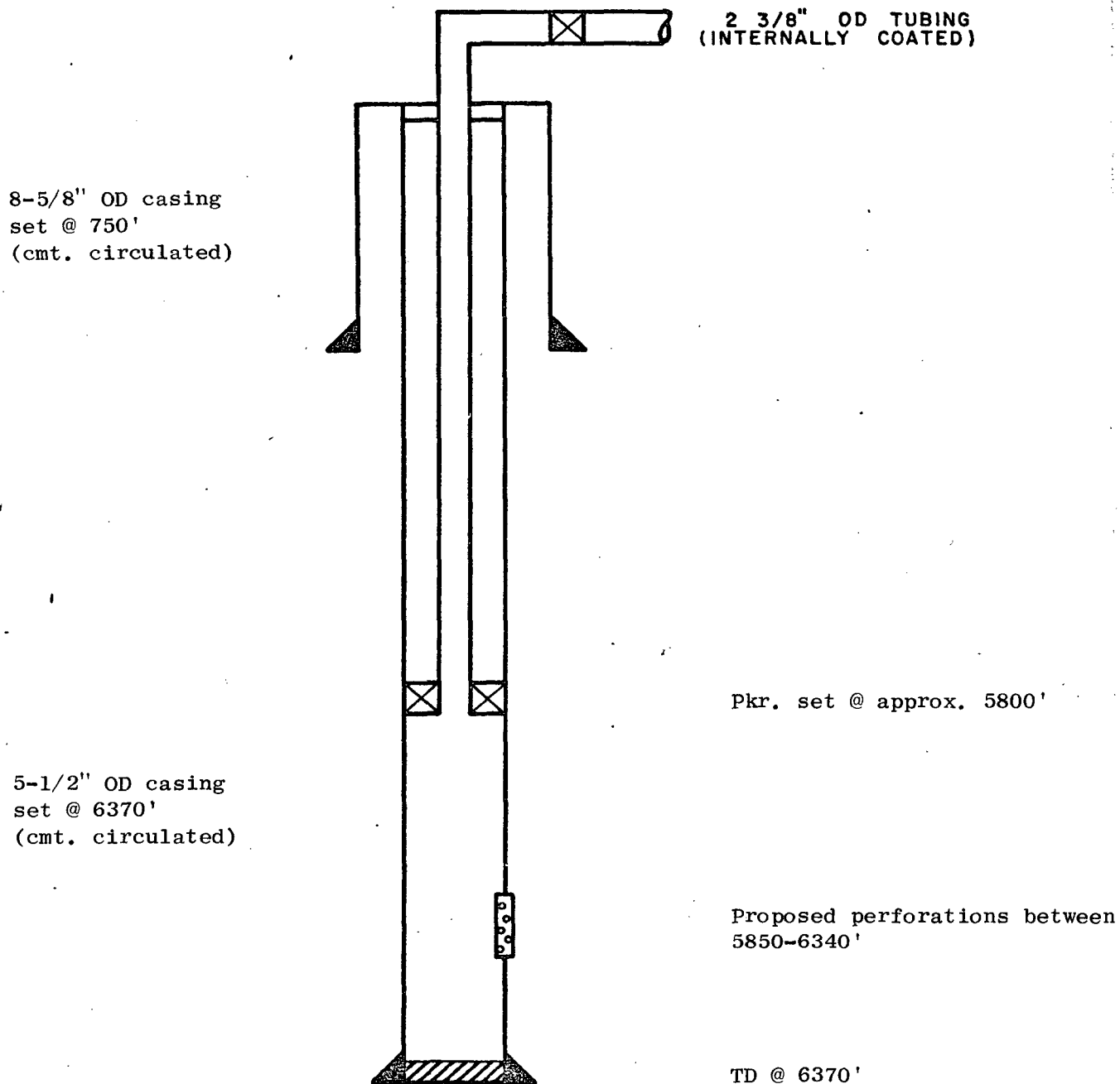
100' FNL & 1291.14' FWL, Sec. 35, T-17S, R-28E

Eddy County, New Mexico



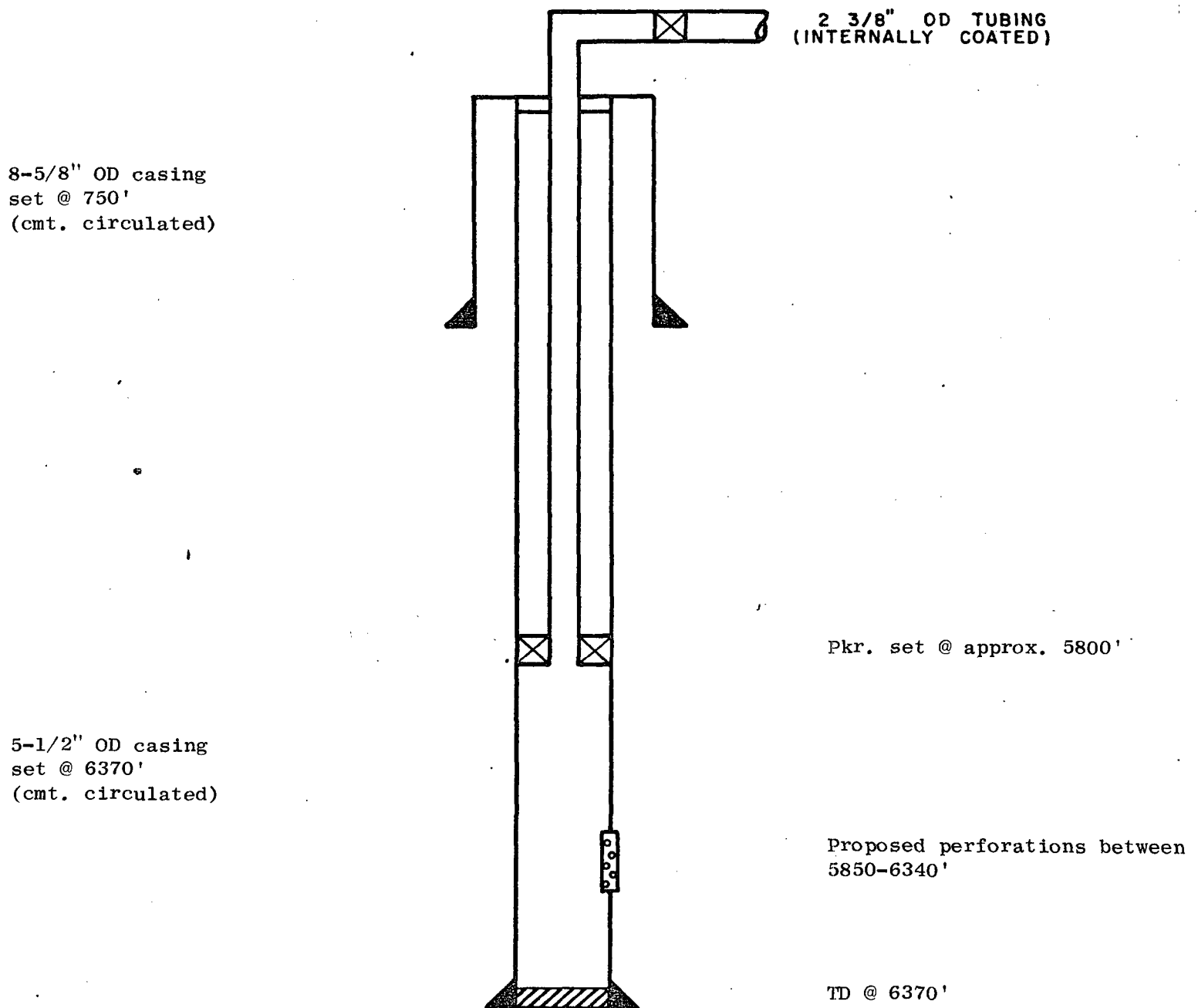
# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well E-401  
90' FNL & 1296' FEL, Sec. 35, T-17S, R-28E  
Eddy County, New Mexico



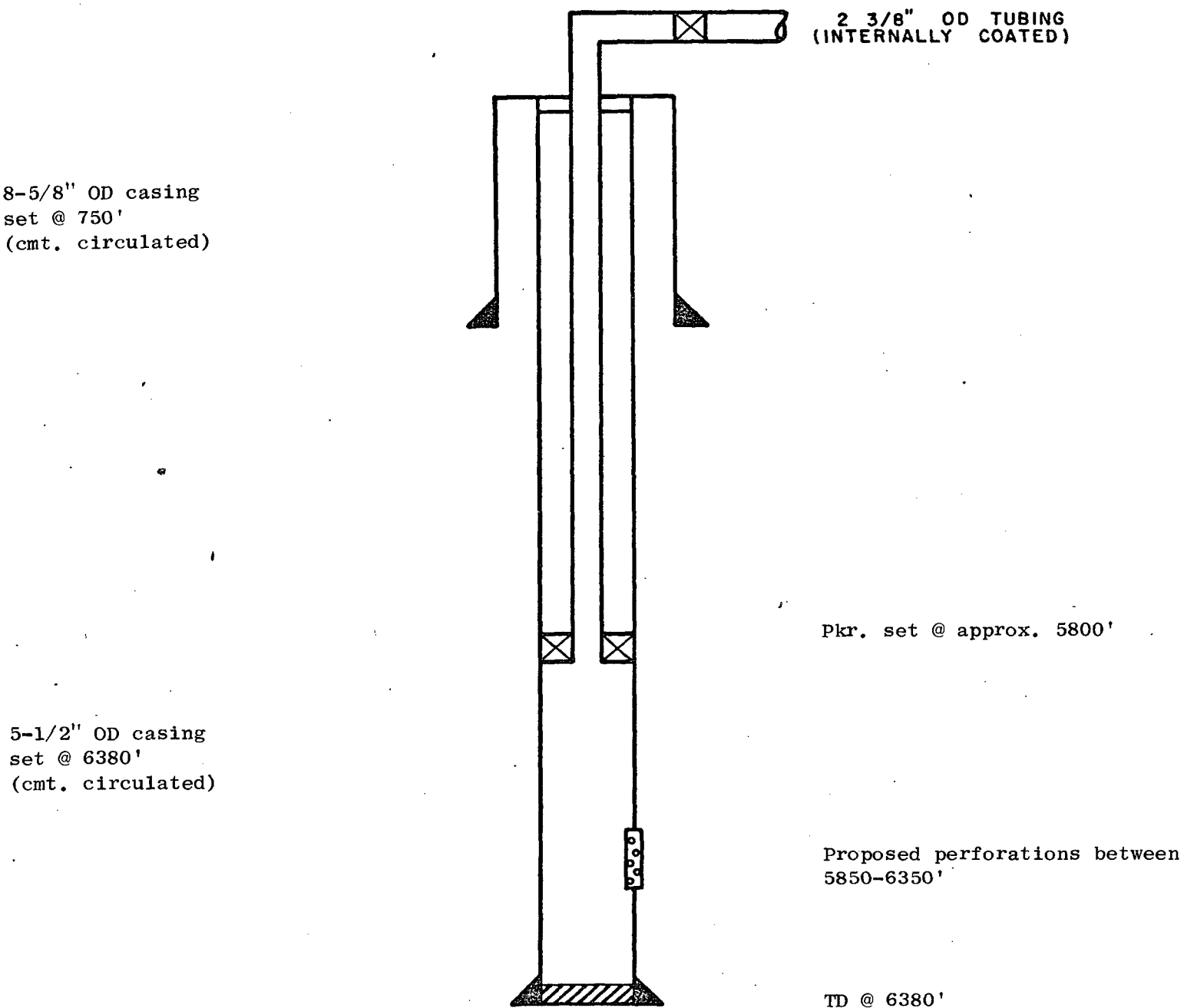
# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well F-372  
2490' FNL & 1100' FWL, Sec. 35, T-17S, R-28E  
Eddy County, New Mexico



# PROPOSED PRODUCING WELL DIAGRAM

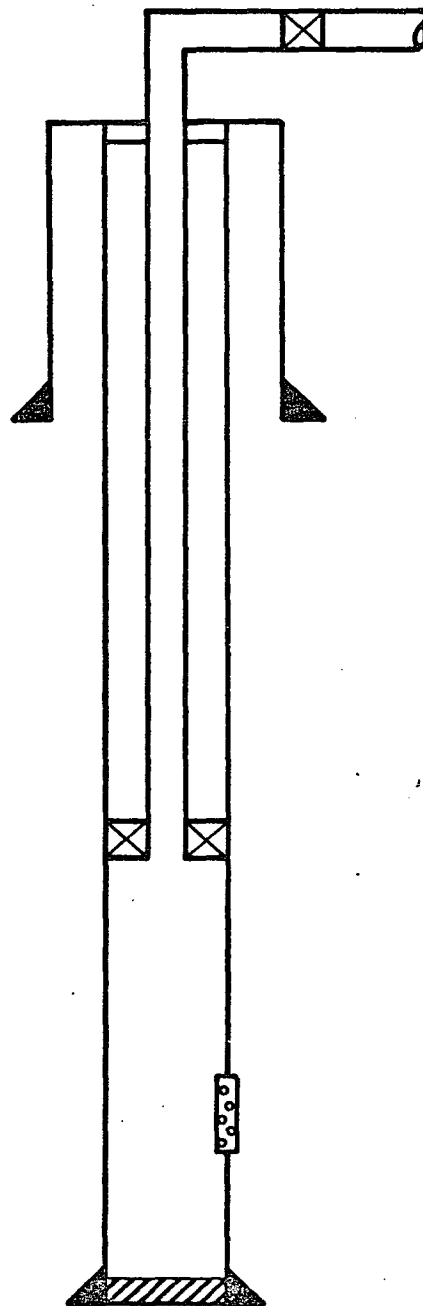
ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well F-381  
1900' FNL & 2260' FWL, Sec. 35, T-17S, R-28E  
Eddy County, New Mexico



# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well G-351  
1850' FNL & 1650' FEL, Sec. 34, T-17S, R-28E  
Eddy County, New Mexico

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



2 3/8" OD TUBING  
(INTERNALLY COATED)

Pkr. set @ approx. 5800'

5-1/2" OD casing  
set @ 6360'  
(cmt. circulated)

Proposed perforations  
between 5850-6330'

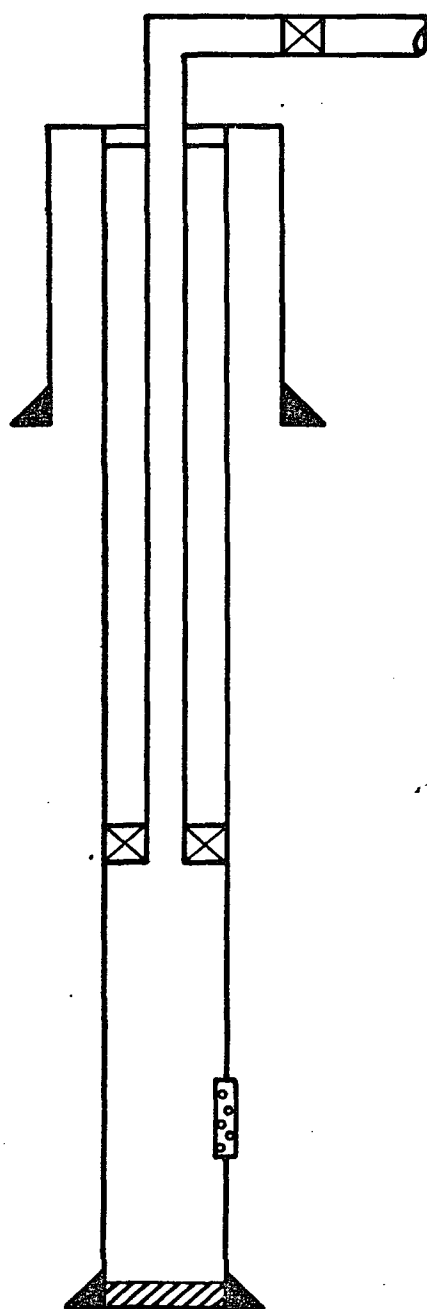
TD @ 6360'

# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well H-272  
2481' FEL & 330' FSL, Sec. 32, T-17S, R-28E  
Eddy County, New Mexico

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

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



2 3/8" OD TUBING  
(INTERNALLY COATED)

Pkr. set @ approx, 5800'

Proposed perforations  
between 5850-6340'

TD @ 6370'

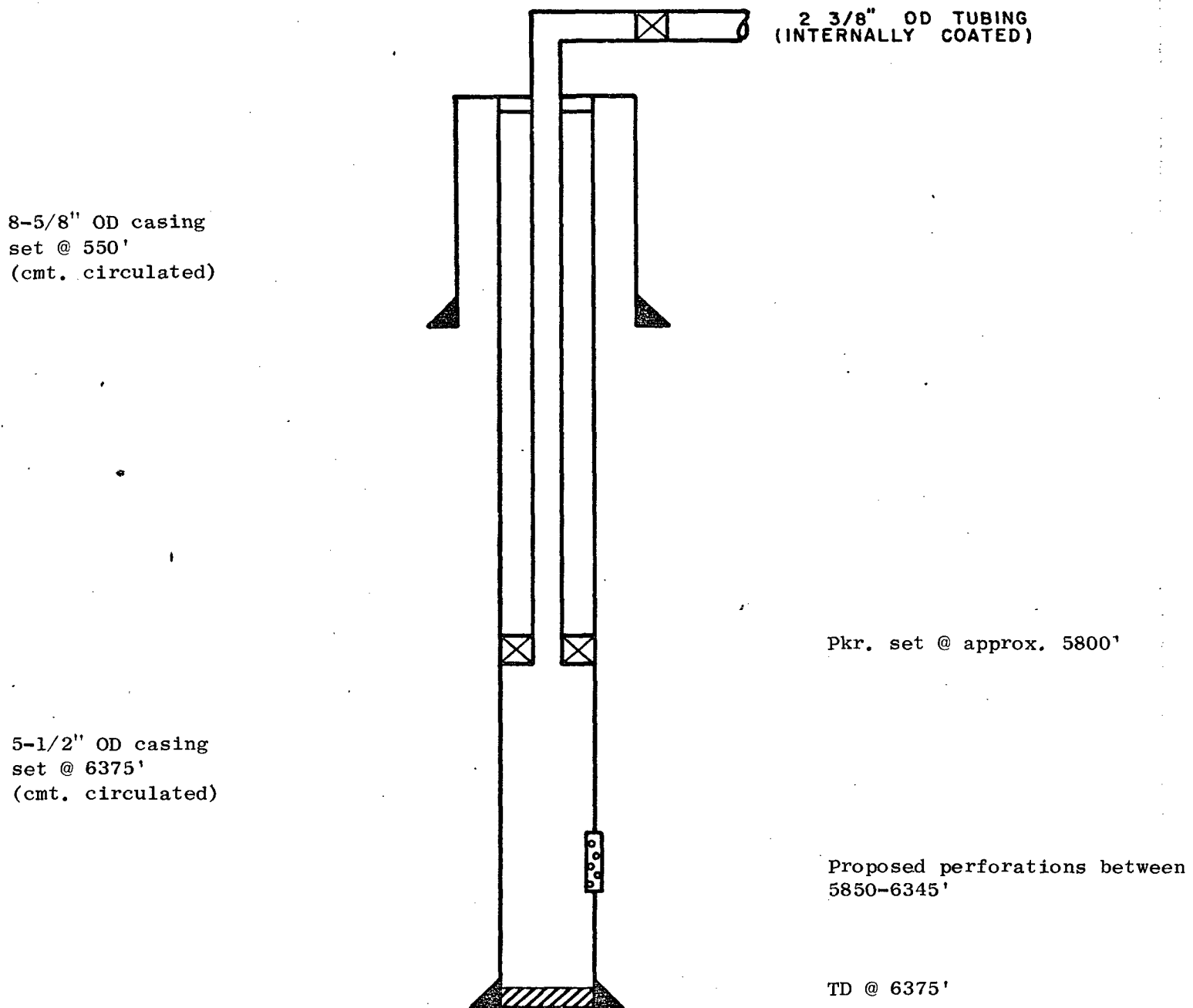
## PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well H-292

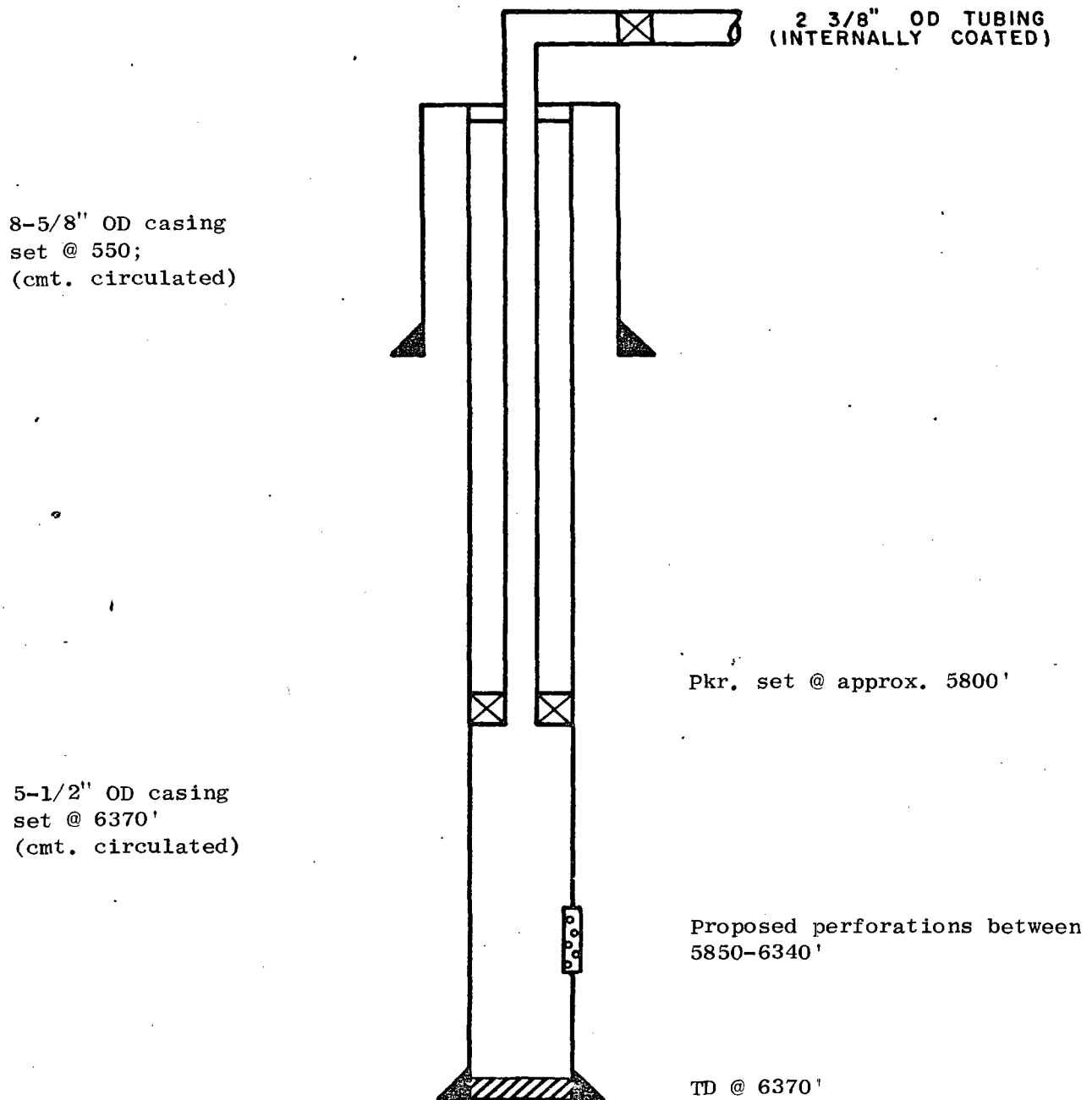
1225' FWL & 180' FSL, Sec. 33, T-17S, R-28E

Eddy County, New Mexico



# PROPOSED PRODUCING WELL DIAGRAM

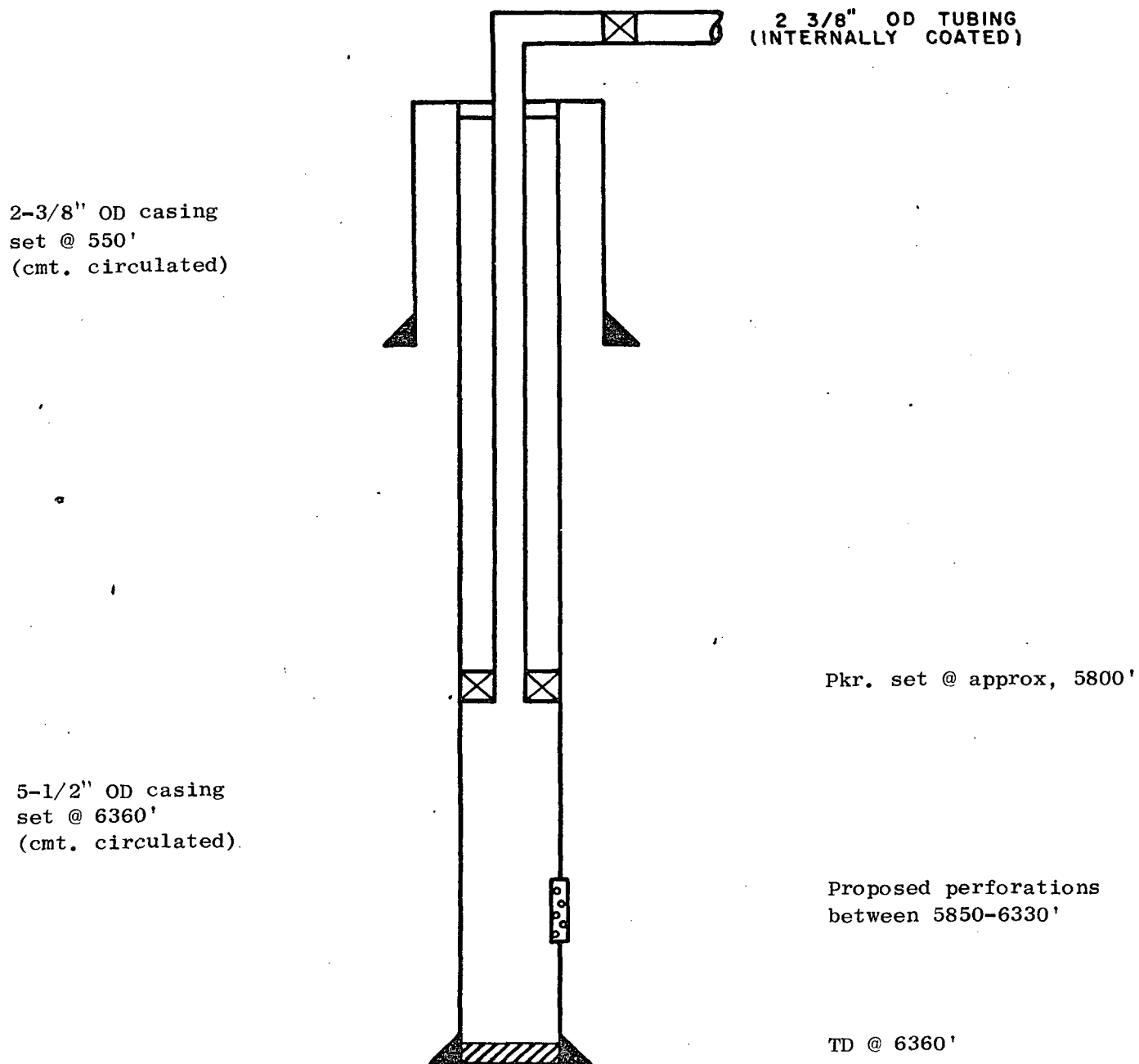
ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well H-293  
1248.88' FSL & 50' FWL, Sec. 33, T-17S, R-28E  
Eddy County, New Mexico





# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well H-311  
2490' FEL & 313' FSL, Sec. 33, T-17S, R-28E  
Eddy County, New Mexico

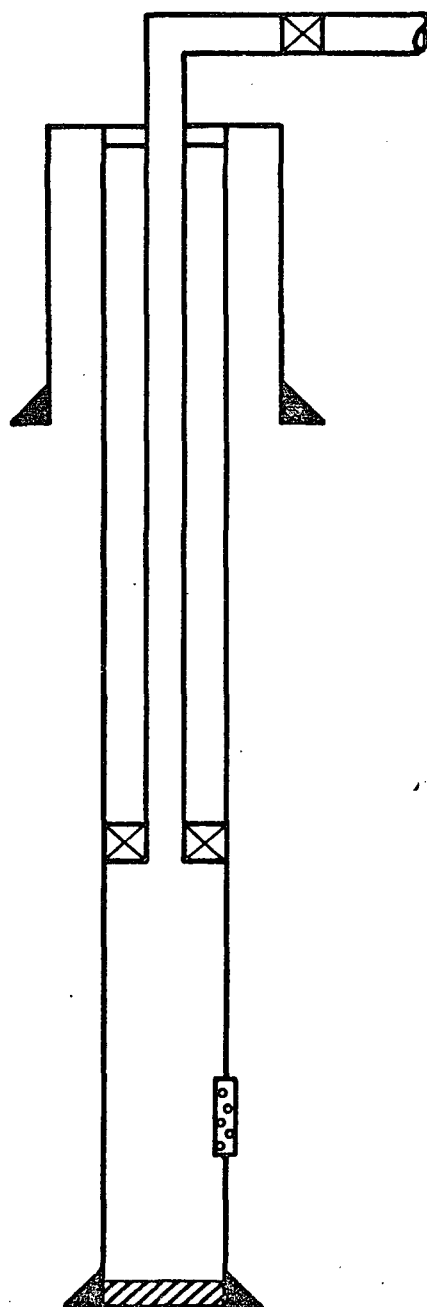


# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well I-281  
700' FNL & 450' FEL, Sec. 5, T-18S, R-28E  
Eddy County, New Mexico

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

5-1/2" OD casing  
set @ 6360'  
(cmt. circulated)



2 3/8" OD TUBING  
(INTERNALLY COATED)

Pkr. set @ approx. 5800'

Proposed perforations between  
5850-6330'

TD @ 6360'

# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well J-222  
1350' FNL & 1572' FWL, Sec. 6, T-18S, R-28E  
Eddy County, New Mexico

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

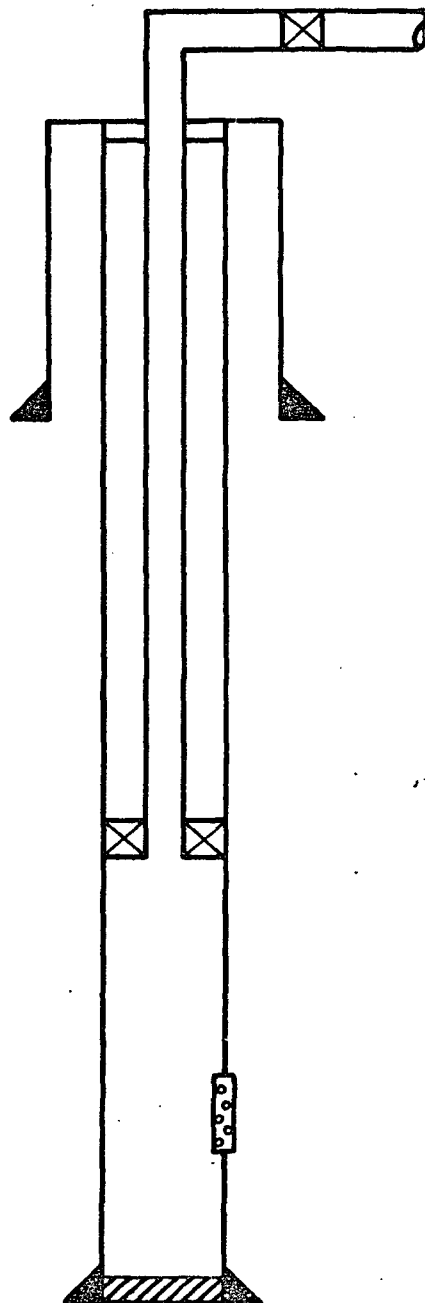
5-1/2" OD casing  
set @ 6300'  
(cmt. circulated)

2 3/8" OD TUBING  
(INTERNALLY COATED)

Pkr. set @ approx. 5800'

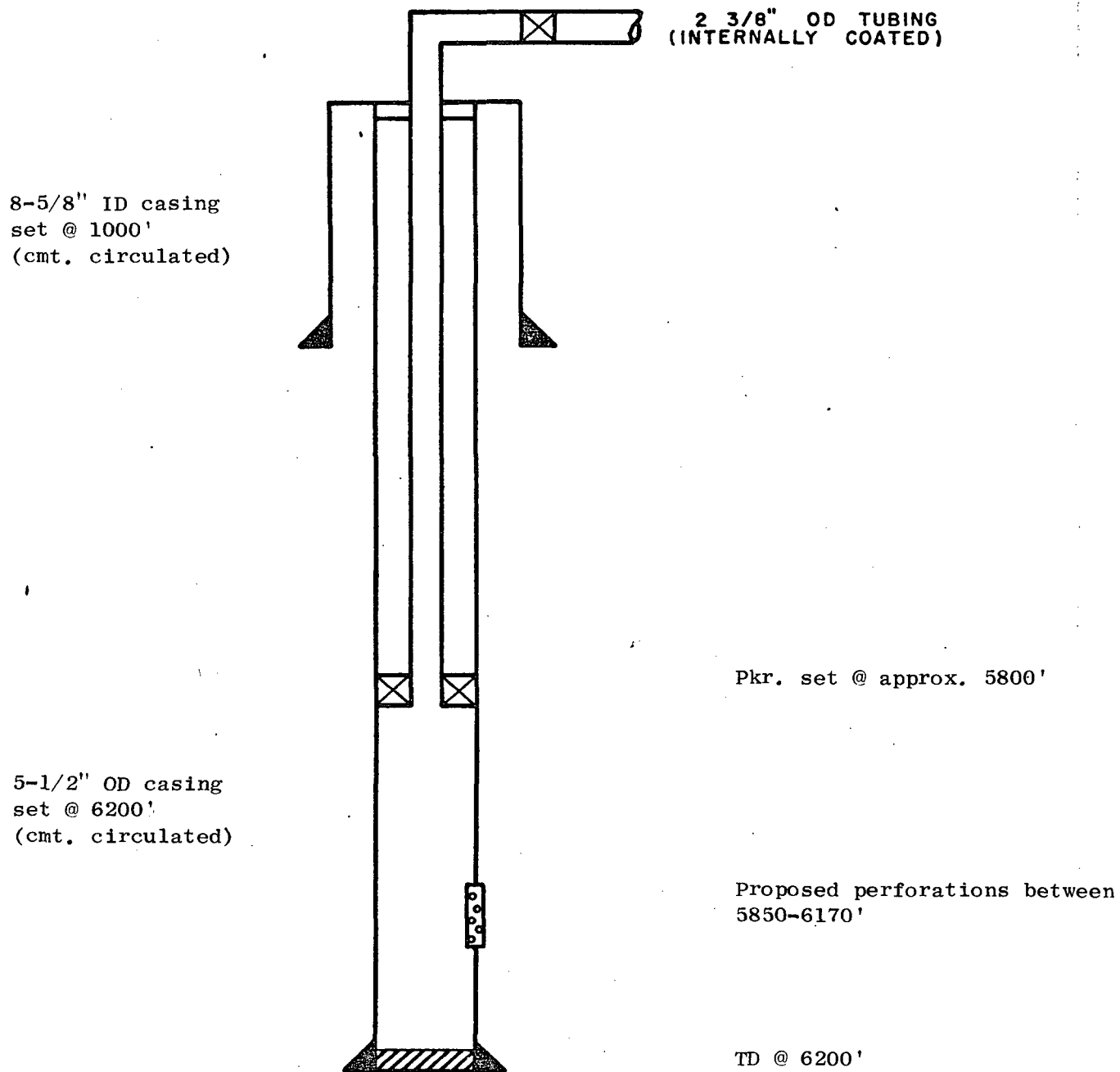
Proposed perforations  
between 5850-6270'

TD @ 6300'



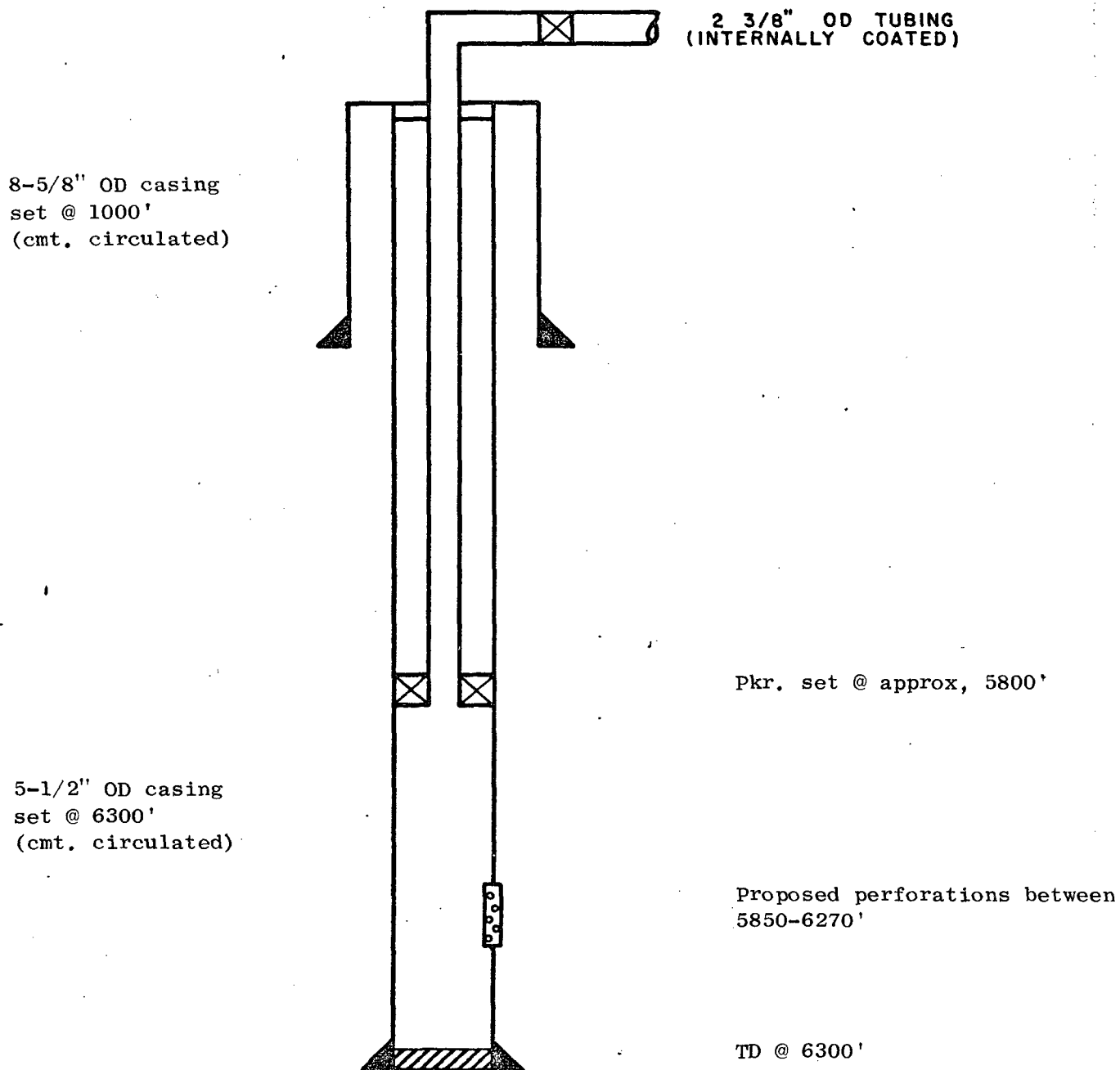
# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well K-141  
1370' FSL & 2445' FWL, Sec. 2, T-18S, R-27E  
Eddy County, New Mexico



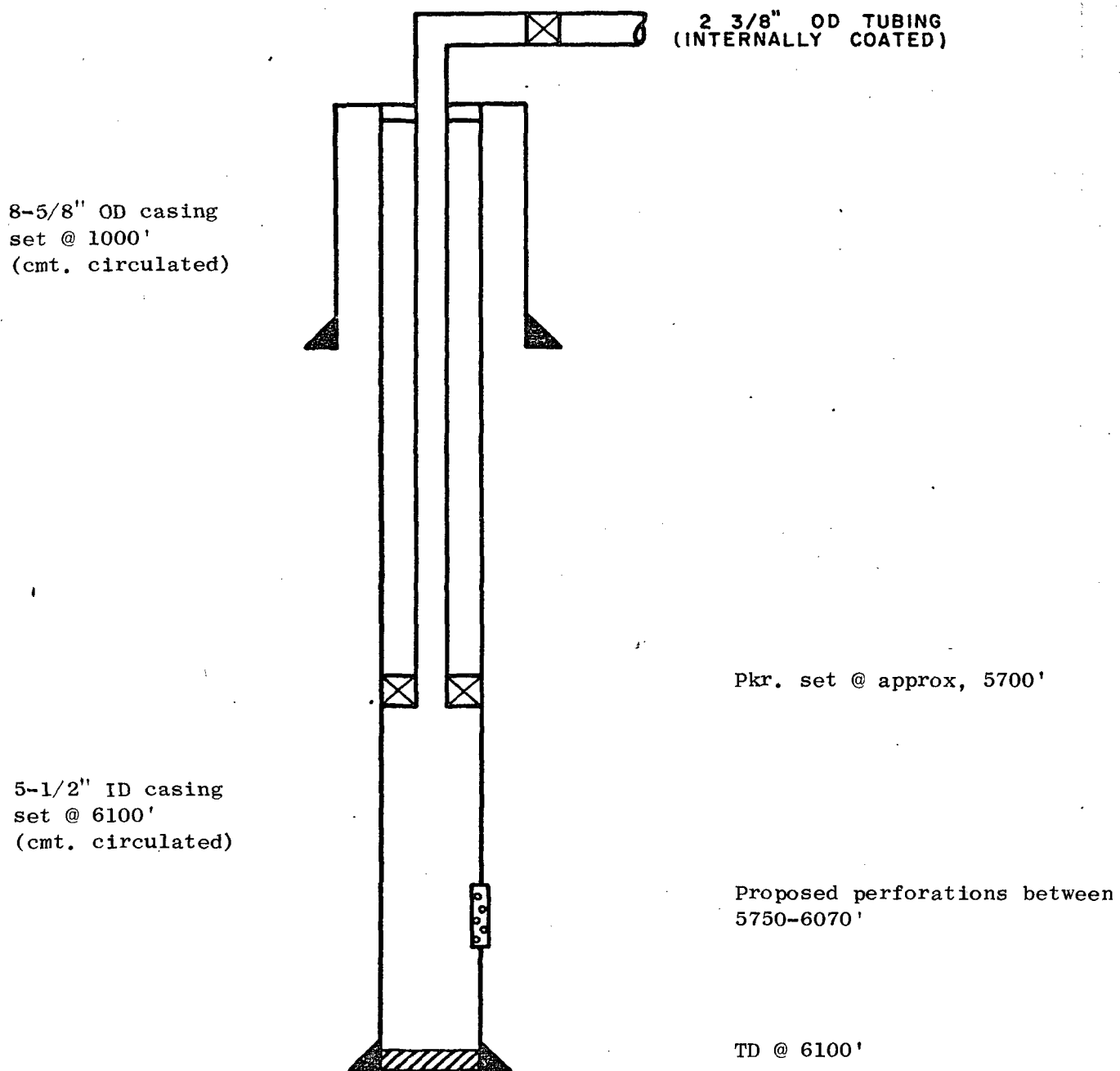
# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well K-183  
2370' FSL & 1510' FWL, Sec. 1, T-18S, R-27E  
Eddy County, New Mexico



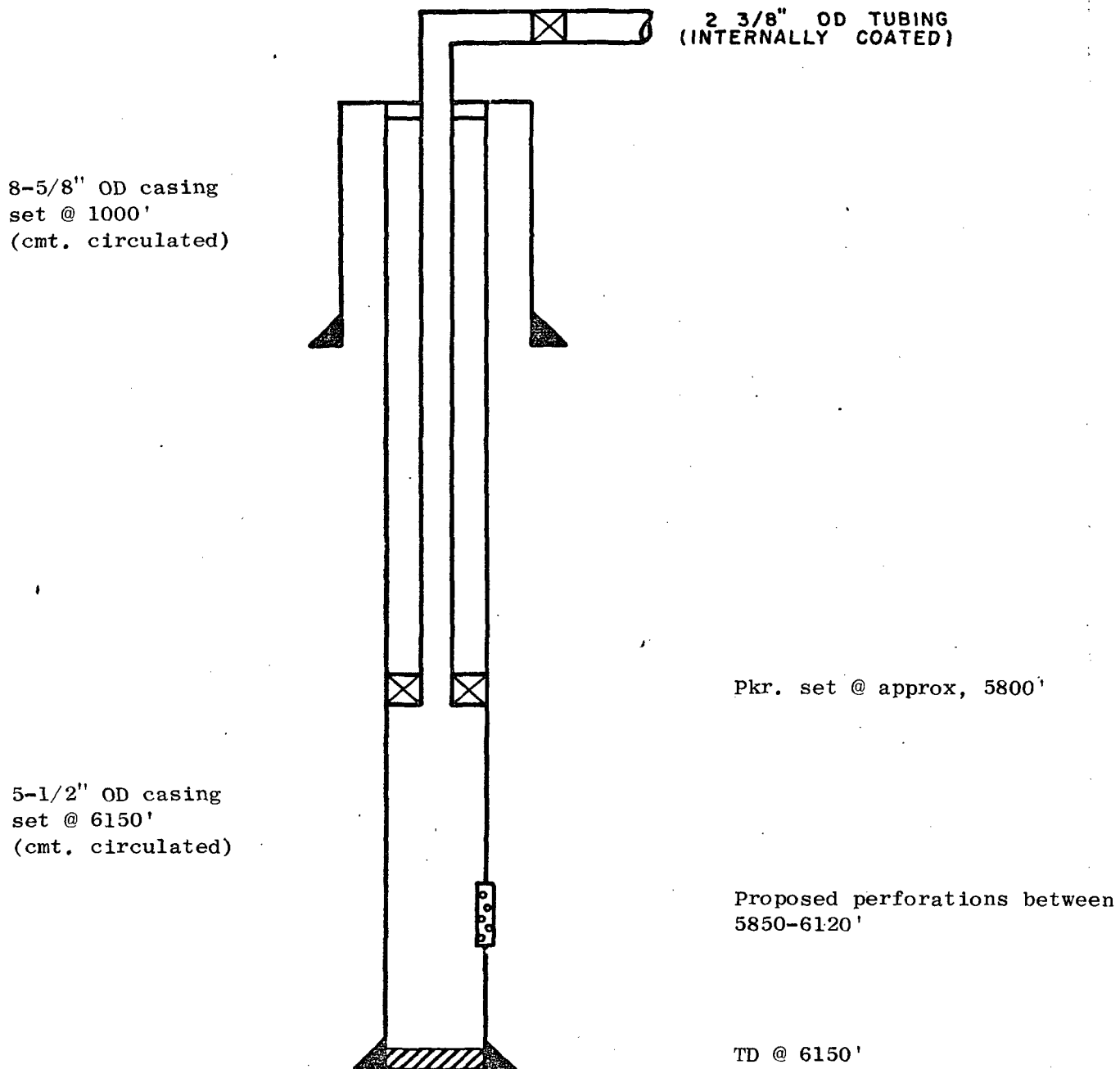
# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well L-112  
1186' FSL & 1372' FEL, Sec. 3, T-18S, R-27E  
Eddy County, New Mexico



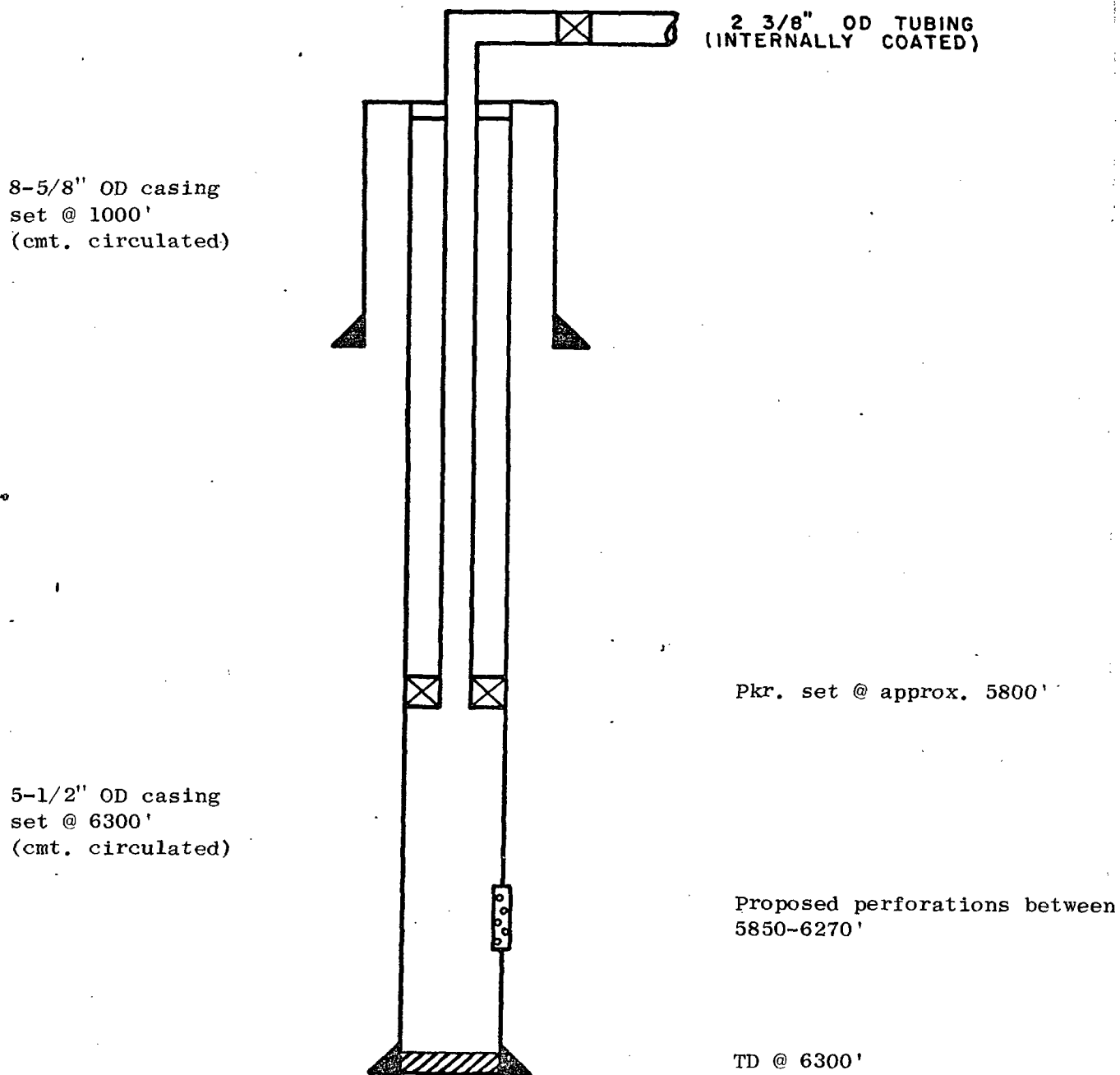
# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well L-121  
1186' FSL & 200' FEL, Sec. 3, T-18S, R-27E  
Eddy County, New Mexico



# PROPOSED PRODUCING WELL DIAGRAM

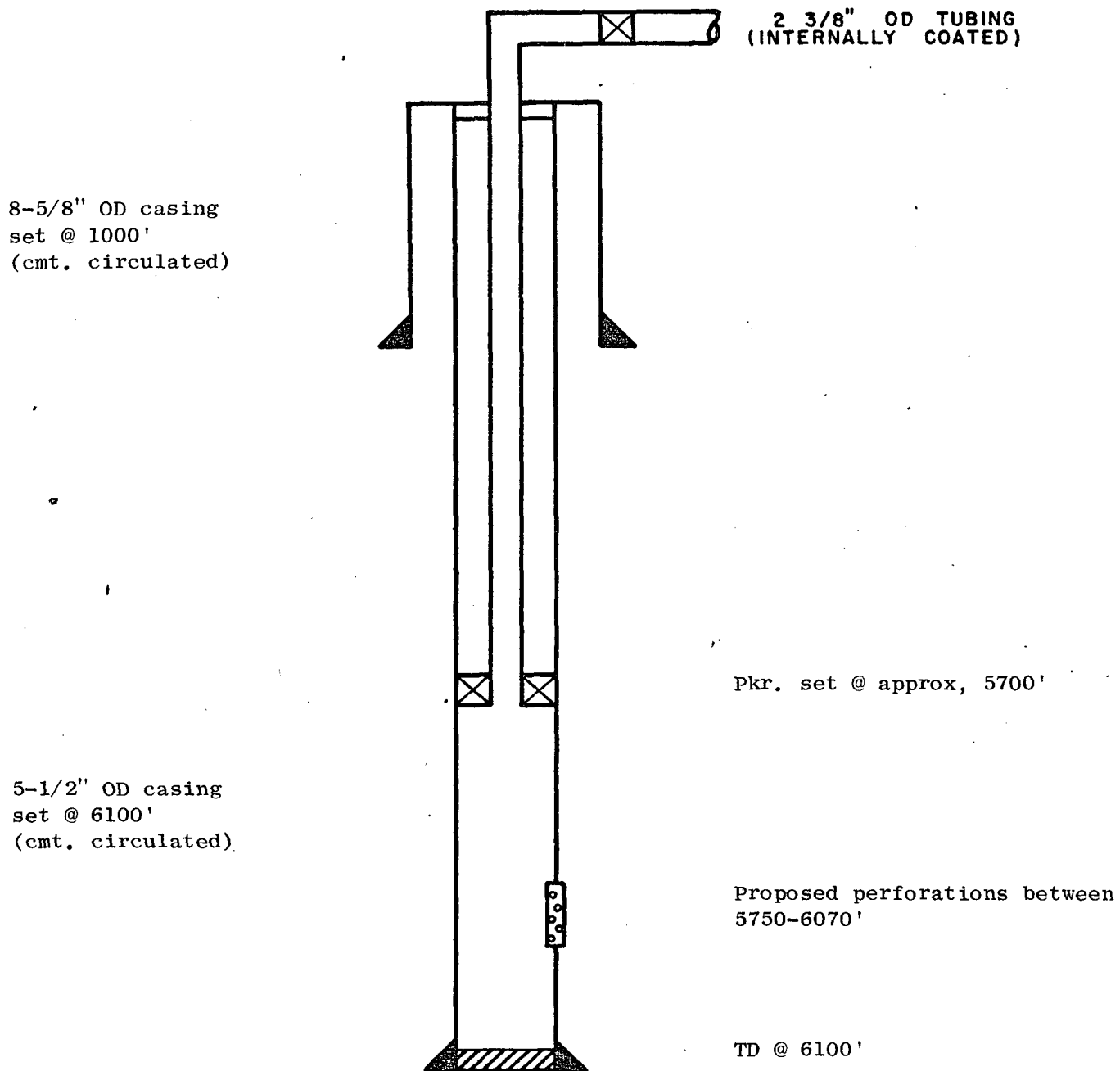
ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well L-153  
90' FSL & 1456' FEL, Sec. 2, T-18S, R-27E  
Eddy County, New Mexico





# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well M-91  
1300' FNL & 1220' FWL, Sec. 10, T-18S, R-27E  
Eddy County, New Mexico



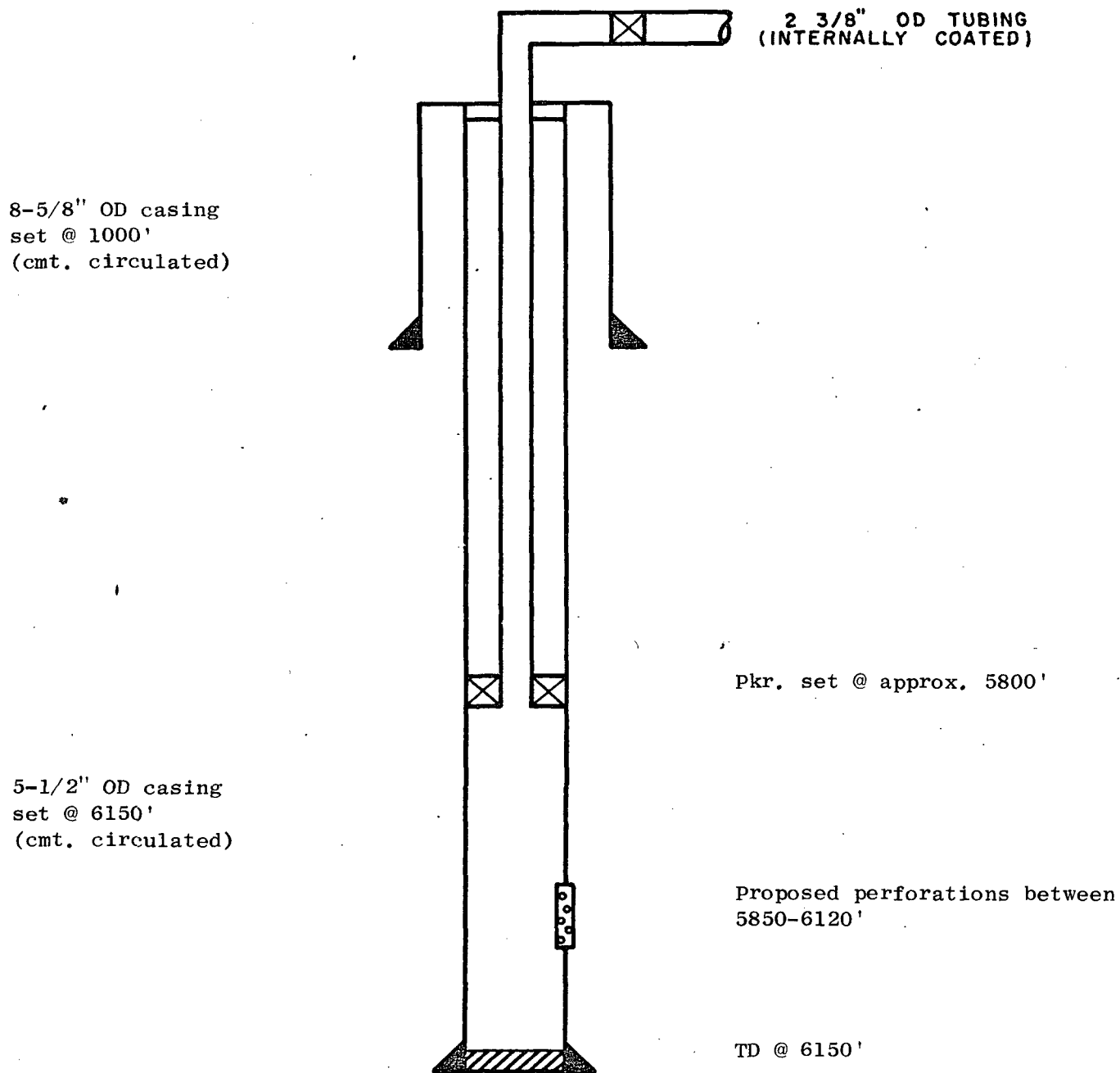
# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well M-101

1100' FNL & 2170' FWL, Sec. 10, T-18S, R-27E

Eddy County, New Mexico



# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well M-122  
990' FNL & 1300' FEL, Sec. 10, T-18S, R-27E  
Eddy County, New Mexico

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

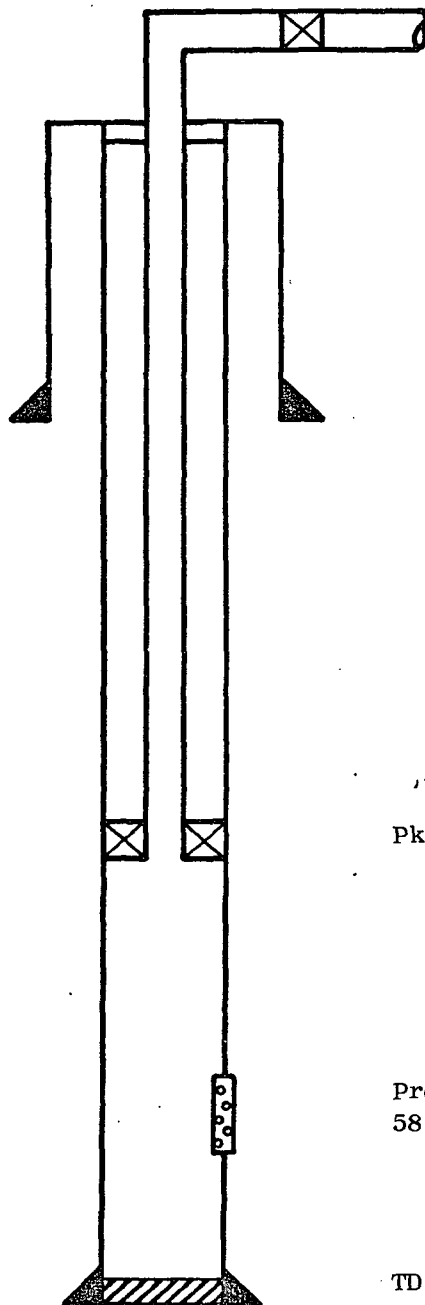
2 3/8" OD TUBING  
(INTERNALLY COATED)

Pkr. set @ approx. 5800'

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

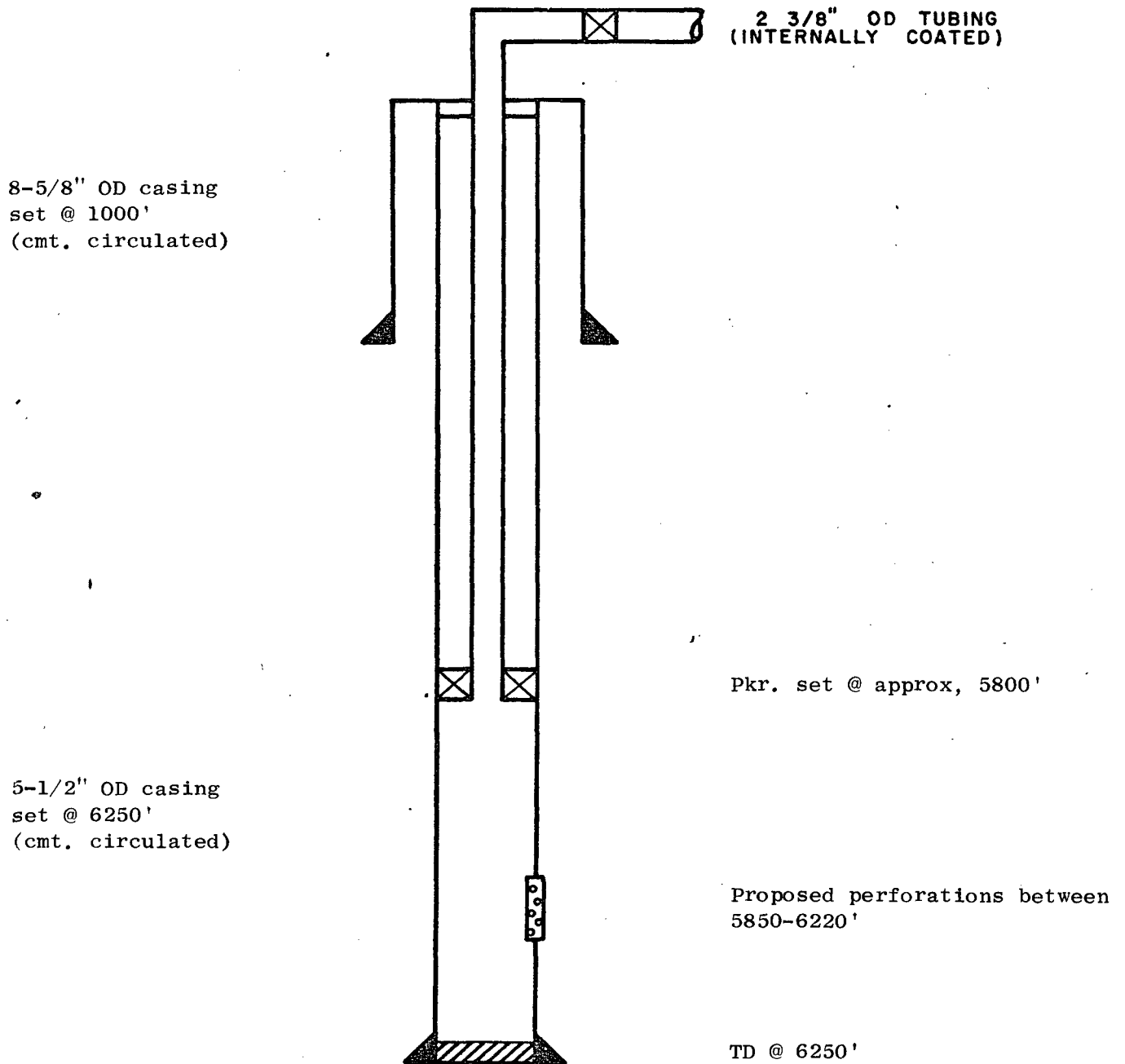
Proposed perforations between  
5850-6170'

TD @ 6200'

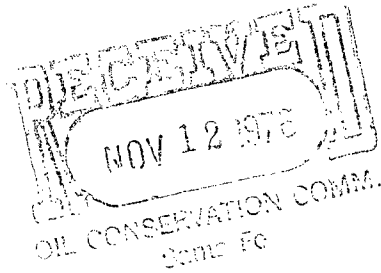


# PROPOSED PRODUCING WELL DIAGRAM

ATLANTIC RICHFIELD COMPANY  
Empire Abo Unit Well N-91  
2390' FNL & 940' FWL, Sec. 10, T-18S, R-27E  
Eddy County, New Mexico



OIL CONSERVATION COMMISSION  
Artesia DISTRICT



OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 11-9-76

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 11-3-76  
for the Atlantic Richfield Co. See attached  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approval except as noted below.  
Empire also Unit E # 372 100' FNL + 1291' FWL  
" " " H # 293 1249' FSL + 50' FWL

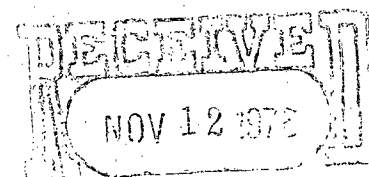
Yours very truly,

660' to outer boundary  
10' to 1/4 lines

W. A. Gressett

1650' (for gas rig) to NC tract

ATLANTIC RICHFIELD COMPANY  
EMPIRE ABO UNIT  
Proposed Non-Standard Locations  
Eddy County, New Mexico



Phase III, Part B

Well Name & Number	Location		Elev.
Empire Abo Unit			
E-372	100' FNL & 1291.14' FWL	Sec. 35, T-17S, R-28E	3681.1'
E-401	90' FNL & 1296' FEL	Sec. 35, T-17S, R-28E	3669.1'
F-372	2490' FNL & 1100' FWL	Sec. 35, T-17S, R-28E	3676.8'
F-381	1900' FNL & 2260' FWL	Sec. 35, T-17S, R-28E	3679.0'
G-351	1850' FSL & 1650' FEL	Sec. 34, T-17S, R-28E	3663.2'
H-272	2481' FEL & 330' FSL	Sec. 32, T-17S, R-28E	3661.4'
H-292	1225' FWL & 180' FSL	Sec. 33, T-17S, R-28E	3665.7'
H-293	1248.88' FSL & 50' FWL	Sec. 33, T-17S, R-28E	3671.4'
H-311	2490' FEL & 313' FSL	Sec. 33, T-17S, R-28E	3661.4'
I-281	450' FEL & 700' FNL	Sec. 5, T-18S, R-28E	3659.8'
J-222	1350' FNL & 1572' FWL	Sec. 6, T-18S, R-28E	3656.7'
K-141	1370' FSL & 2445' FWL	Sec. 2, T-18S, R-27E	3521.0'
K-183	2370' FSL & 1510' FWL	Sec. 1, T-18S, R-27E	3694.0'
L-112	1186' FSL & 1372' FEL	Sec. 3, T-18S, R-27E	3516.7'
L-121	1186' FSL & 200' FEL	Sec. 3, T-18S, R-27E	3509.3'
L-153	90' FSL & 1456' FEL	Sec. 2, T-18S, R-27E	3585.0'
M-91	1300' FNL & 1220' FWL	Sec. 10, T-18S, R-27E	3507.7'
M-101	1100' FNL & 2170' FWL	Sec. 10, T-18S, R-27E	3506.8'
M-122	990' FNL & 1300' FEL	Sec. 10, T-18S, R-27E	3499.9'
N-91	2390' FNL & 940' FWL	Sec. 10, T-18S, R-27E	3596.3'

RECEIVED

NOV 8 1976

O. C. C.  
ARTESIA, OFFICE