

AtlanticRichfieldCompany

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



September 1, 1975

ALL OFFSET OPERATORS - ALL CO
EMPIRE ABO UNIT
EDDY COUNTY, NEW MEXICO

RE: Redesignation of Unit Wells C-39, D-35,
G-24, H-21, and I-18 to Gas Injection
Wells
ARCO-Empire Abo Unit Pressure
Maintenance Project
Eddy County, New Mexico

Gentlemen:

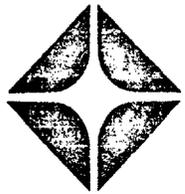
Atlantic Richfield Company, as operator of the Empire Abo Unit Pressure Maintenance Project, in accordance with Order No. R-4549-B, Rule 14 (3), under "Special Rules and Regulations for the Empire Abo Pressure Maintenance Project," is hereby notifying you, as offset operator, of Atlantic Richfield Company's request before the New Mexico Oil Conservation Commission, for the redesignation of Empire Abo Unit Wells No. C-39, D-35, G-24, H-21, and I-18 to Gas Injection Wells.

Very truly yours,

J. L. Tweed

District Engineer

GAO/agp



September 1, 1975

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

Attention Mr. A. L. Porter, Jr.

Gentlemen:

Redesignation of Unit Wells C-39,
D-35, G-24, H-21, and I-18 to
Gas Injection Wells
ARCO-Empire Abo Unit Pressure
Maintenance Project
Eddy County, New Mexico

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 designation of Unit Wells C-39, D-35, G-24, H-21, and I-18 to gas injection wells.

The redesignation of Unit Wells C-39, D-35, G-24, H-21, and I-18 to gas injection wells, meets 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 and provided that no well will be approved for gas or water injection when such well is located closer than 1650 feet to a tract which is not committed to the Unit and on which is located a well producing from the same common source of supply."

The redesignation of Empire Abo Unit Wells C-39, D-35, G-24, H-21, and I-18 is necessary to complete a more efficient injection pattern, promote the greatest ultimate recovery of reserves, prevent waste, and protect correlative rights.

Very truly yours,

J. L. Tweed
District Engineer - West Area

GAO:hr

Attachment

OFFSET OPERATORS
TO EMPIRE ABO UNIT WELLS C-39, D-35, G-24, H-21
and I-18

| | <u>Date Notified</u> |
|--|----------------------|
| J. B. Adamson P. O. Box 186 Loco Hills, New Mexico 88255 | September 1, 1975 |
| B & D Oil Company P. O. Box 804 Hobbs, New Mexico 88240 | " " |
| Beatrice Bedingfield Drawer M Artesia, New Mexico 88210 | " " |
| C & K Petroleum, Inc. 607 Midland National Bank Bldg. Midland, Texas 79701 | " " |
| DEPCO, Inc. 800 Central Odessa, Texas 79761 | " " |
| W. P. Dooley Drawer G Artesia, New Mexico 88210 | " " |
| Franklin, Aston & Fair, Inc. P. O. Box 1090 Roswell, New Mexico 88201 | " " |
| Kersey & Company 808 West Grand Artesia, New Mexico 88210 | " " |
| Larue & Muncy P. O. Box 196 Artesia, New Mexico 88210 | " " |
| Marbob Energy Corporation P. O. Box 304 Artesia, New Mexico 88210 | " " |
| J. A. Yates 207 South Fourth Artesia, New Mexico 88210 | " " |

Offset Operators
to Empire Abo Unit Wells C-39, D-35,
G-24, H-21, and I-18
Page 2

Date Notified

Samedan Oil Corporation
2207 Wilco Building
Midland, Texas 79701

September 1, 1975

Insert

Color Page/Photo

Here

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

AMENDED
 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 Company | | Lease Empire Abo Unit I | | Well No. 18 |
| Unit Letter B C | Section 1 | Township 18-S | Range 27E | County Eddy |
| Actual Footage Location of Well: 1980 feet from the West line and 660 feet from the North line | | | | |
| Ground Level Elev. 3611 | Producing Formation Abo Reef | Pool Empire Abo | | Dedicated Acreage: 40 Acres |

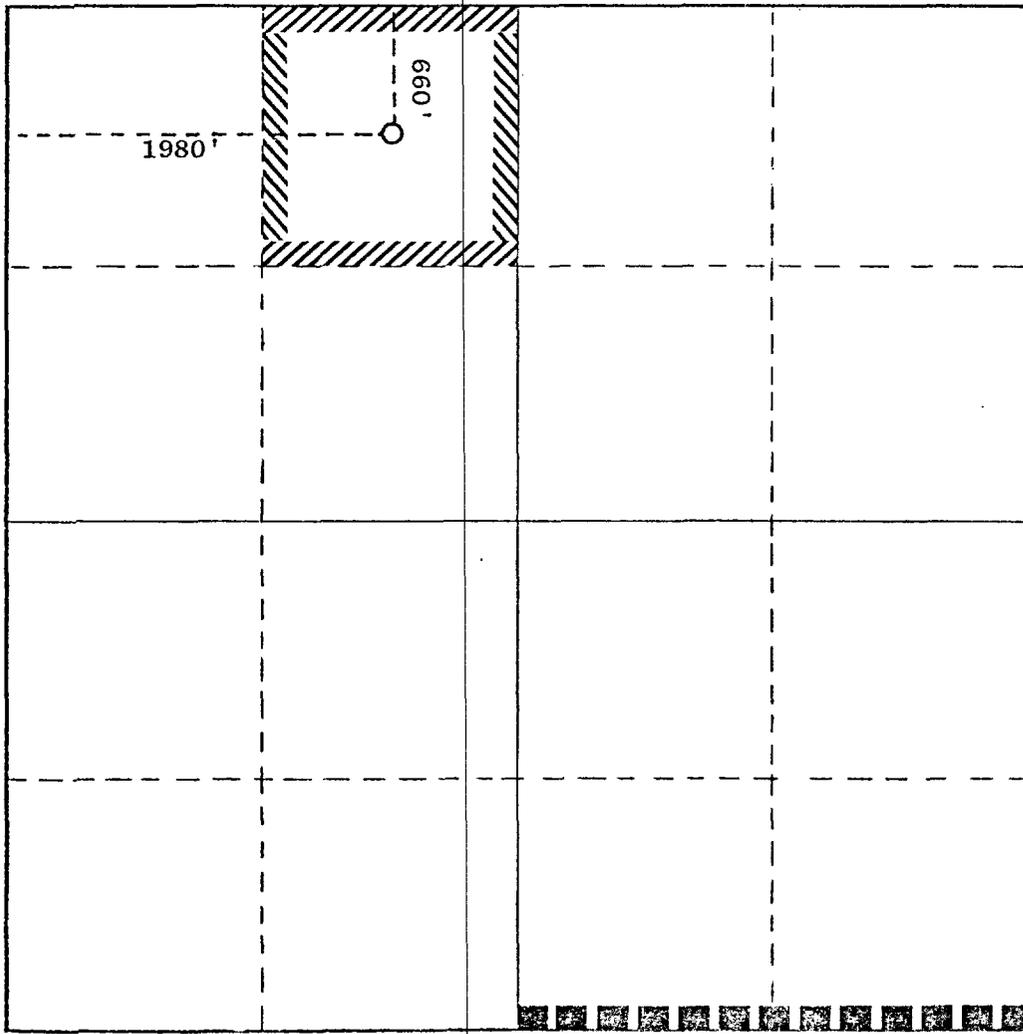
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

R-27-E



CERTIFICATION

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

J. L. Tweed

Name
J. L. Tweed

Position
District Engineer

Company
Atlantic Richfield Co.

Date
August 20, 1975

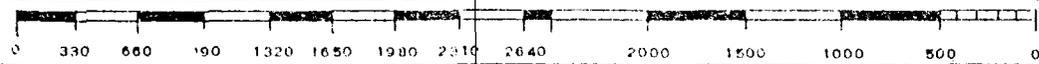
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

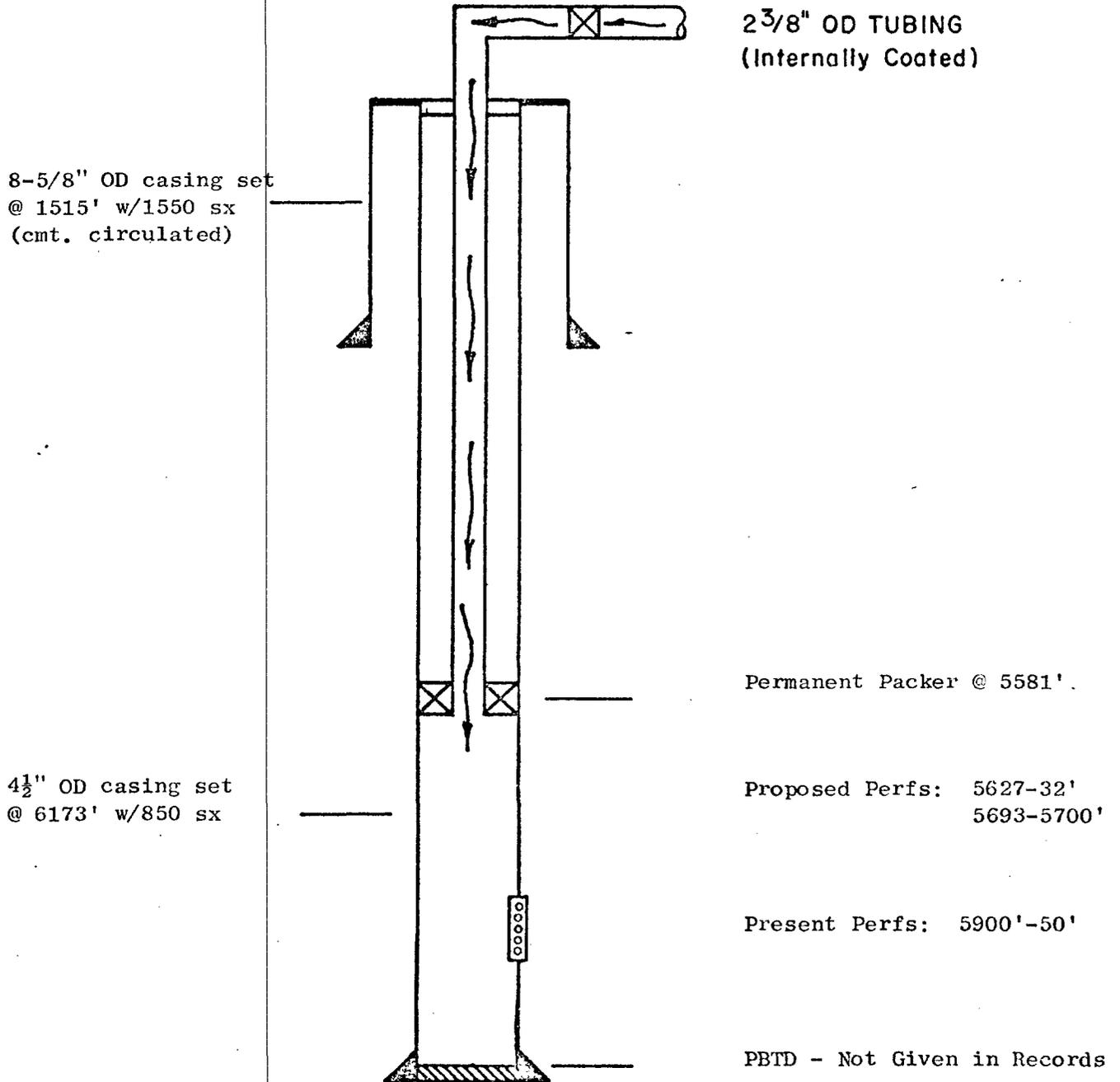
Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____

T-18-S



ATLANTIC RICHFIELD COMPANY
 Empire Abo Unit Well I-18
 (Formerly Amoco-US-Malco "F" #8)
 1980' FWL & 660' FNL, Sec. 1, T-18-S, R-27-E
 Eddy County, New Mexico
 INJECTION WELL DIAGRAM

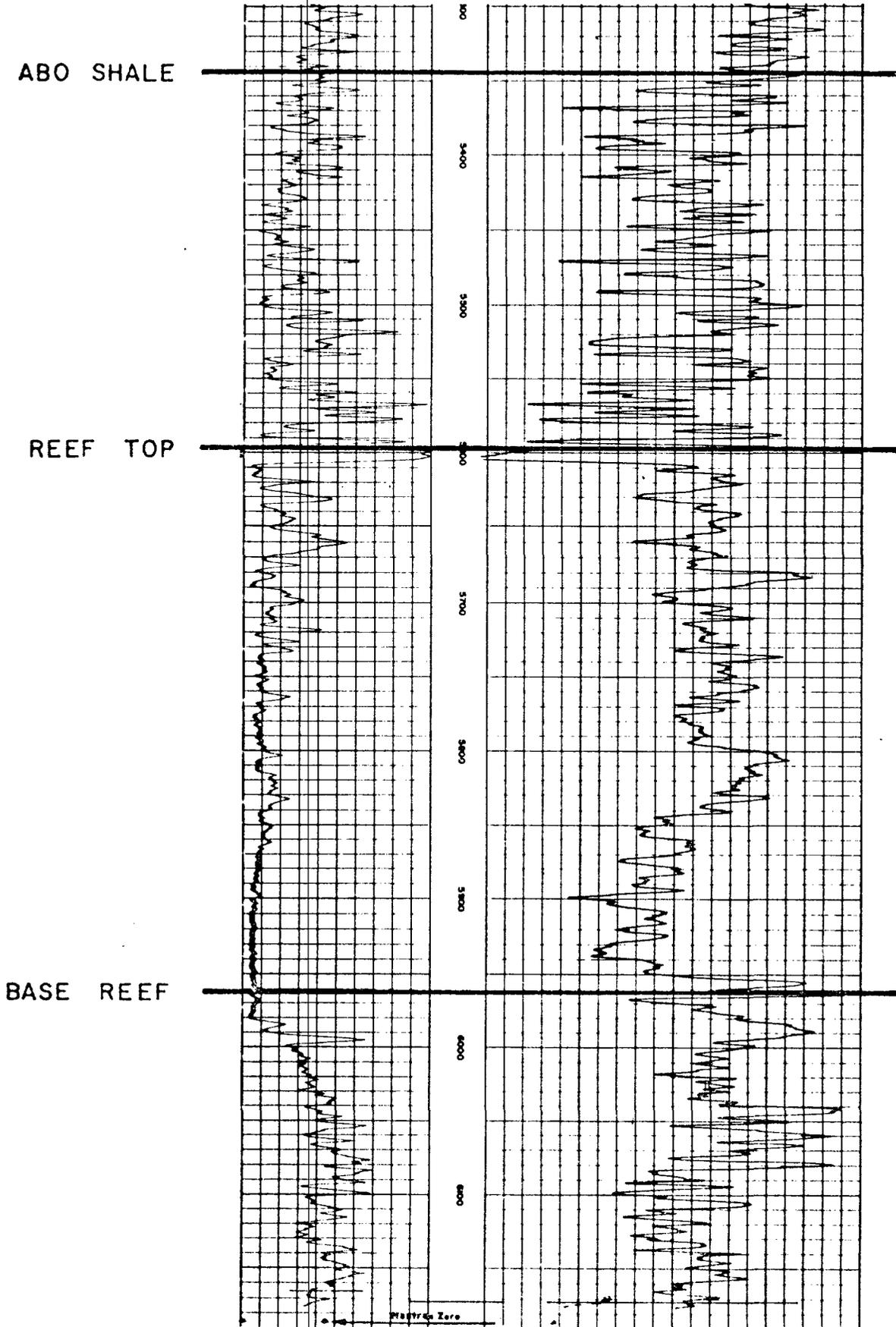


ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well No. I 18

660' FNL & 1980' FWL SEC. 1, T-18-S,R-27-E

EDDY COUNTY, NEW MEXICO

GAMMA RAY - NEUTRON



AMENDED

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 Company | | | Lease Empire Abo Unit H | | Well No. 21 |
| Unit Letter M | Section 31 | Township 17-S | Range 28-E | County Eddy | |
| Actual Footage Location of Well: 660 feet from the South line and 660 feet from the West line | | | | | |
| Ground Level Elev. 3663 | Producing Formation Abo Reef | | Pool Empire Abo | | Dedicated Acreage: 40 Acres |

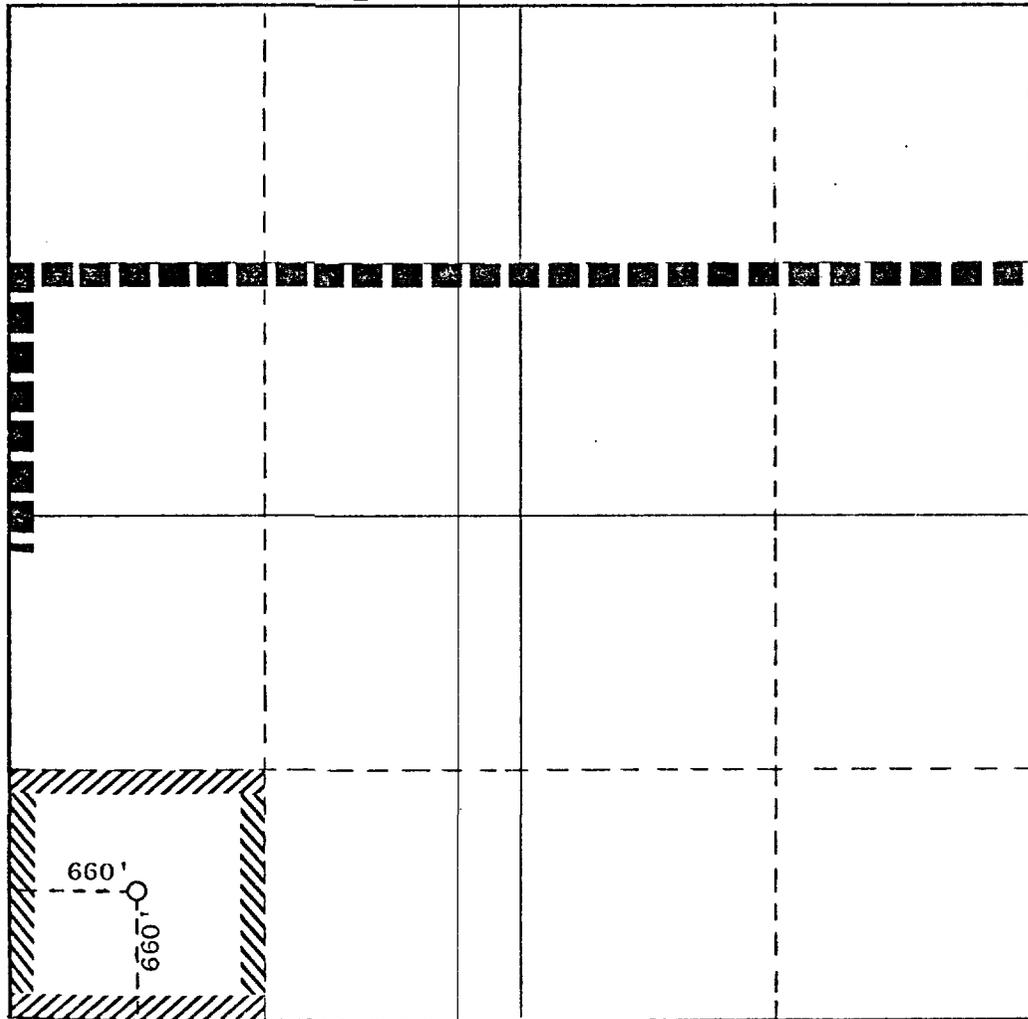
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

R-28-E



CERTIFICATION

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

J. L. Tweed

Name
J. L. Tweed

Position
District Engineer

Company
Atlantic Richfield Co.

Date
August 20, 1975

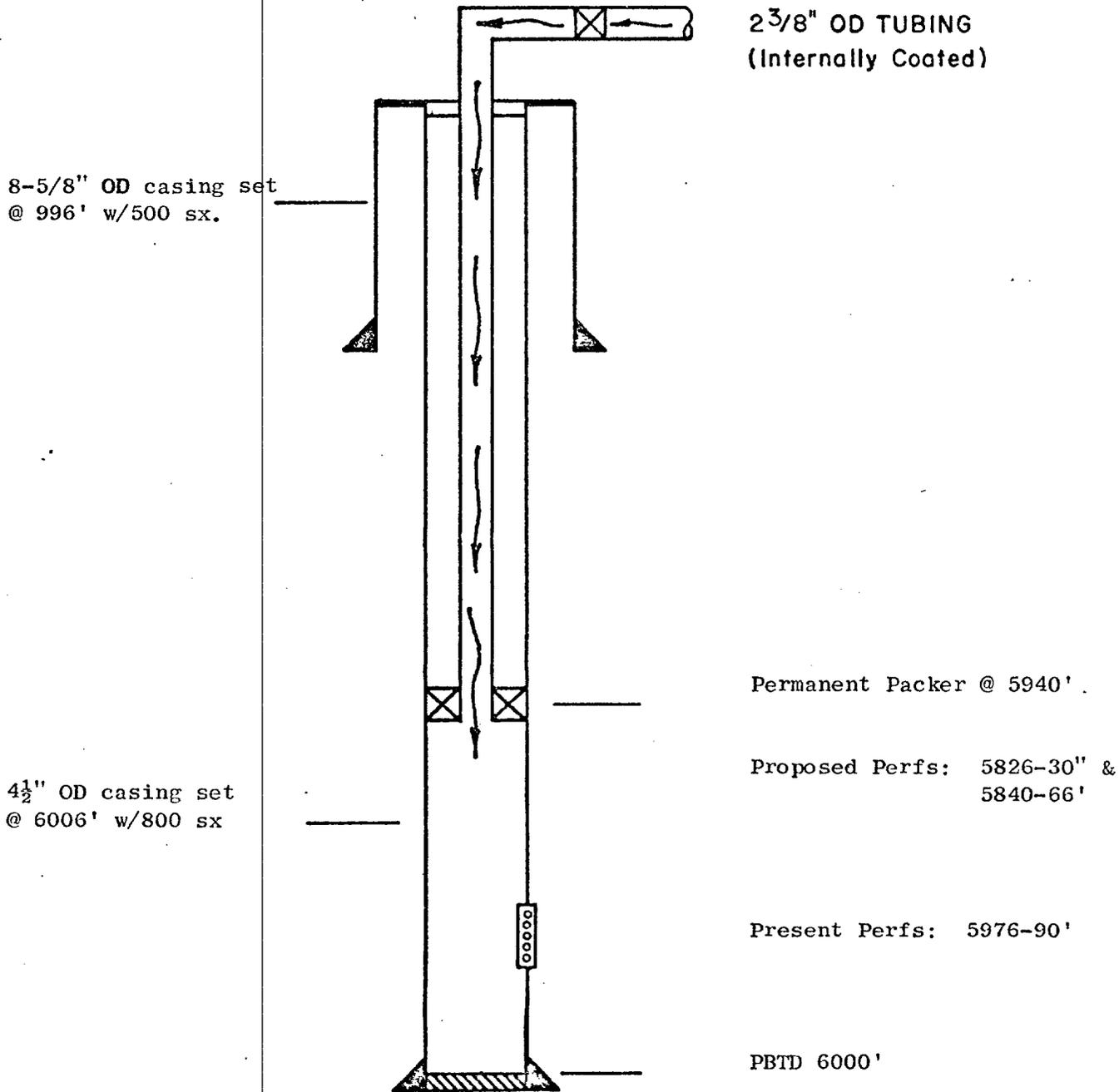
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

ATLANTIC RICHFIELD COMPANY
 Empire Abo Unit Well H-21
 (Formerly Amoco-State BE #1)
 660' FSL & 660' FWL, Sec. 31, T-17-S, R-28-E
 Eddy County, New Mexico
 INJECTION WELL DIAGRAM



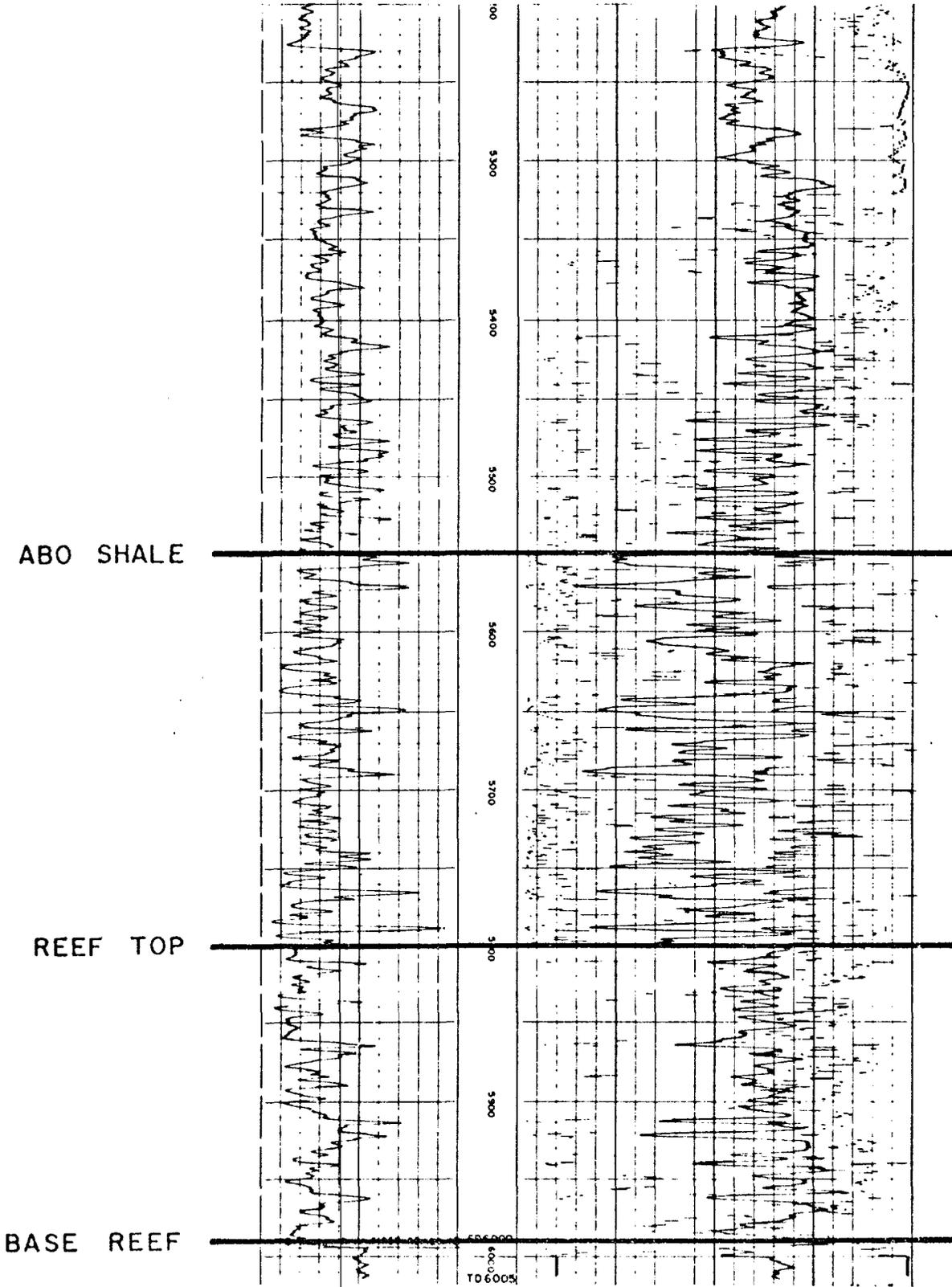
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well No. H 21

660' FSL & 660' FWL SEC. 31, T-17-S, R-26-E

EDDY COUNTY, NEW MEXICO

GAMMA RAY - NEUTRON



AMENDED
 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 G | | | Well No. 24 |
| Unit Letter B I | Section 31 | Township 17-S | Range 28-E | County Eddy | |
| Actual Footage Location of Well: 330 feet from the East line and 1650 feet from the South line | | | | | |
| Ground Level Elev. 3681 | Producing Formation Abo Reef | Pool Empire Abo | | | Dedicated Acreage: 40 Acres |

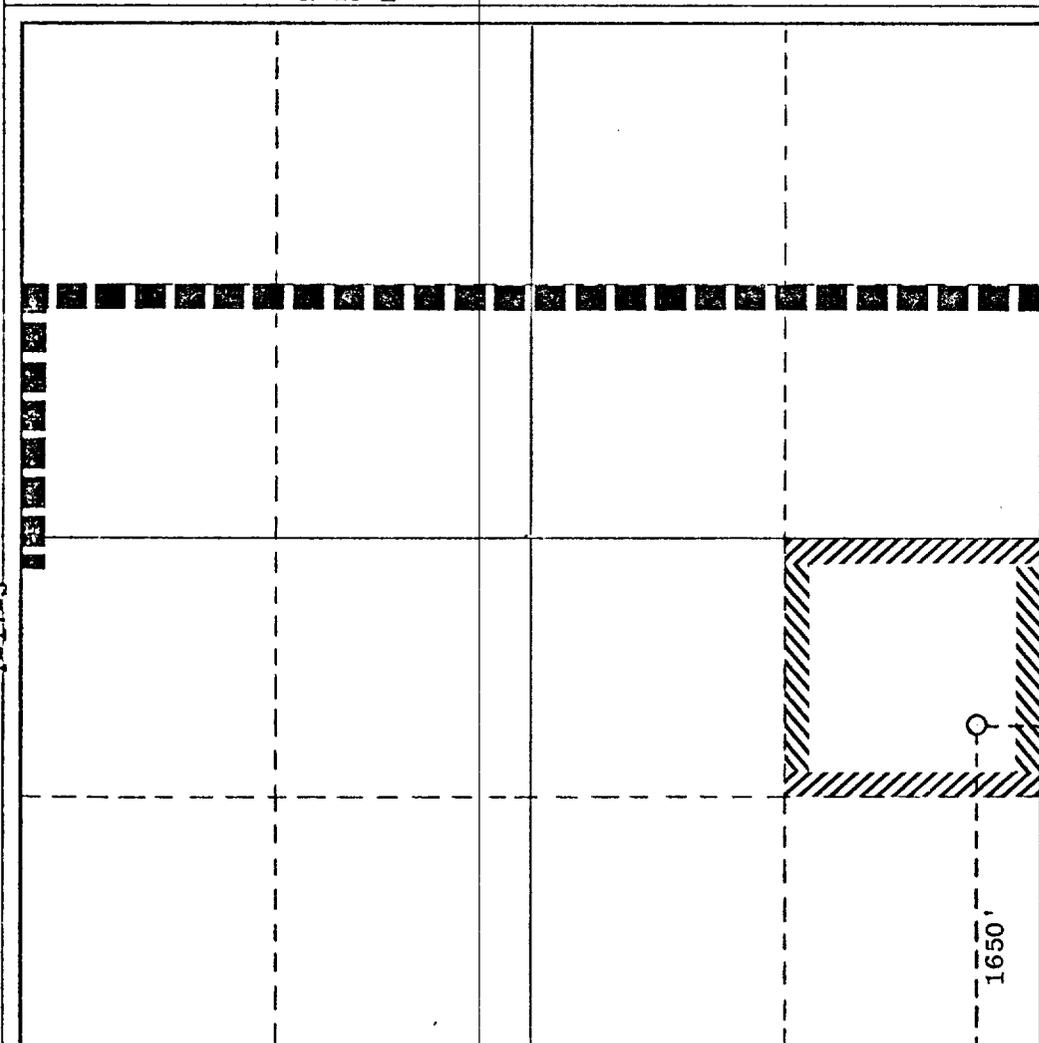
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

R-28-E



CERTIFICATION

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

J. L. Tweed
 Name

J. L. Tweed

Position
District Engineer

Company
Atlantic Richfield Co.

Date
August 20, 1975

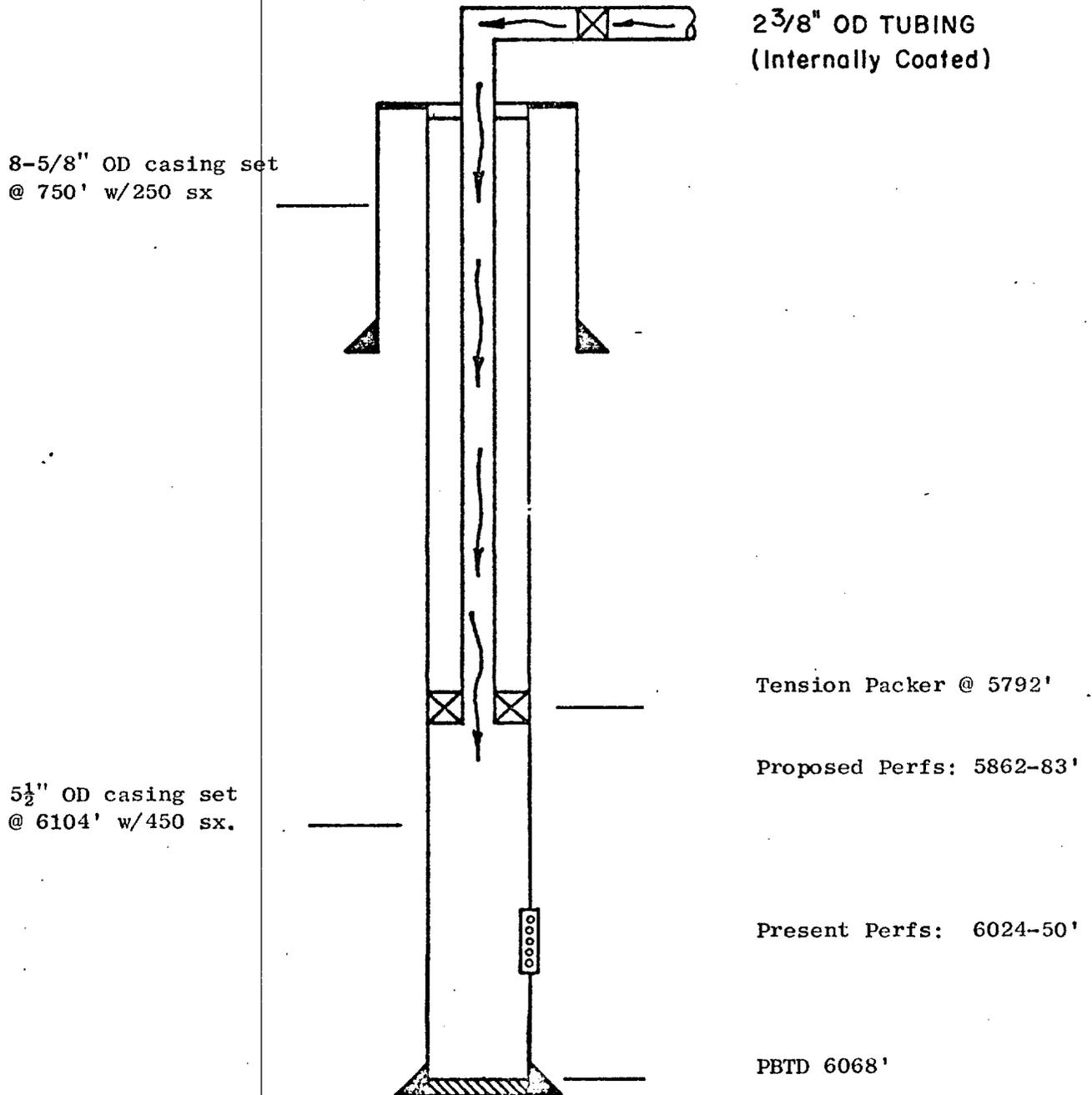
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

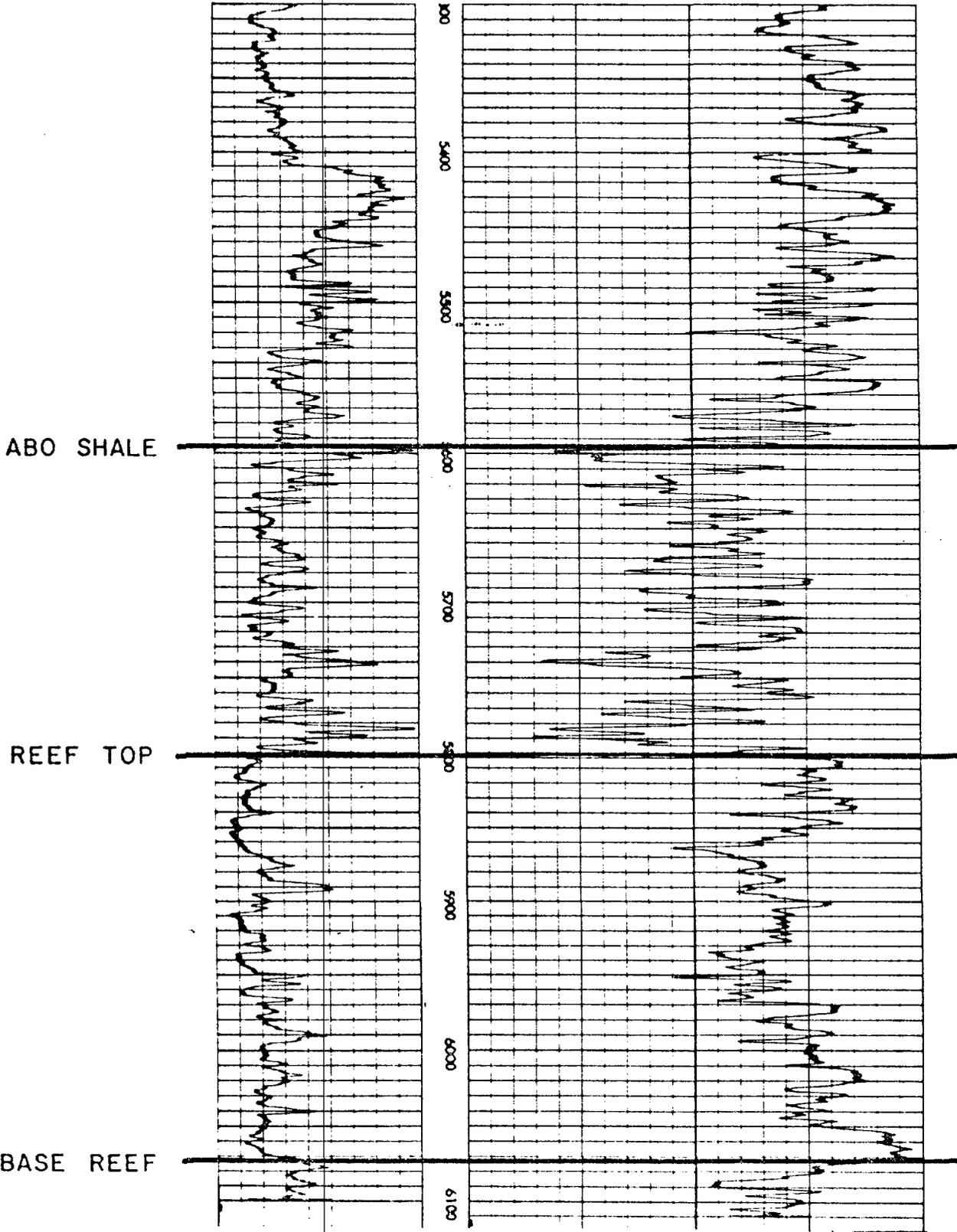
Certificate No.

ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well G-24
(Formerly Hondo-Western-Yates-State "A" #9)
330' FEL & 1650' FSL, Sec. 31, T-17-S, R-28-E
Eddy County, New Mexico
INJECTION WELL DIAGRAM



ATLANTIC RICHFIELD COMPANY
Empire Abo Unit Well No. G 24

1650' FSL & 330' FEL SEC. 31, T-17-S, R-28-E
EDDY COUNTY, NEW MEXICO
GAMMA RAY - NEUTRON



AMENDED

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 Company | | Lease Empire Abo Unit D | | Well No. 35 |
| Unit Letter E 0 | Section 27 | Township 17-S | Range 28-E | County Eddy |
| Actual Footage Location of Well: 330 feet from the South line and 1980 feet from the East line | | | | |
| Ground Level Elev. 3672 | Producing Formation Abo Reef | Pool Empire Abo | Dedicated Acreage: 40 Acres | |

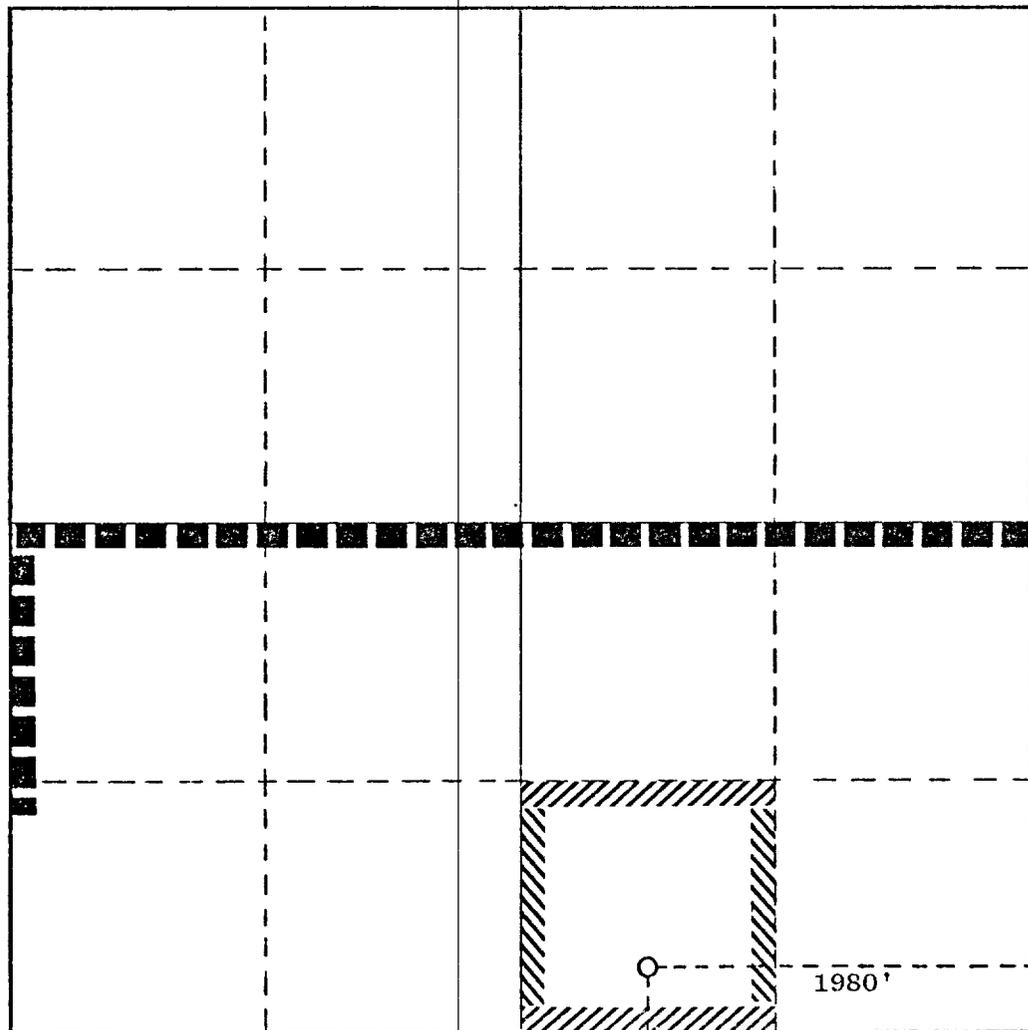
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Yes No If answer is "yes," type of consolidation Unitization

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R-28-E



CERTIFICATION

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

Name J. L. Tweed
 Position **District Engineer**
 Company **Atlantic Richfield Co.**
 Date **August 20, 1975**

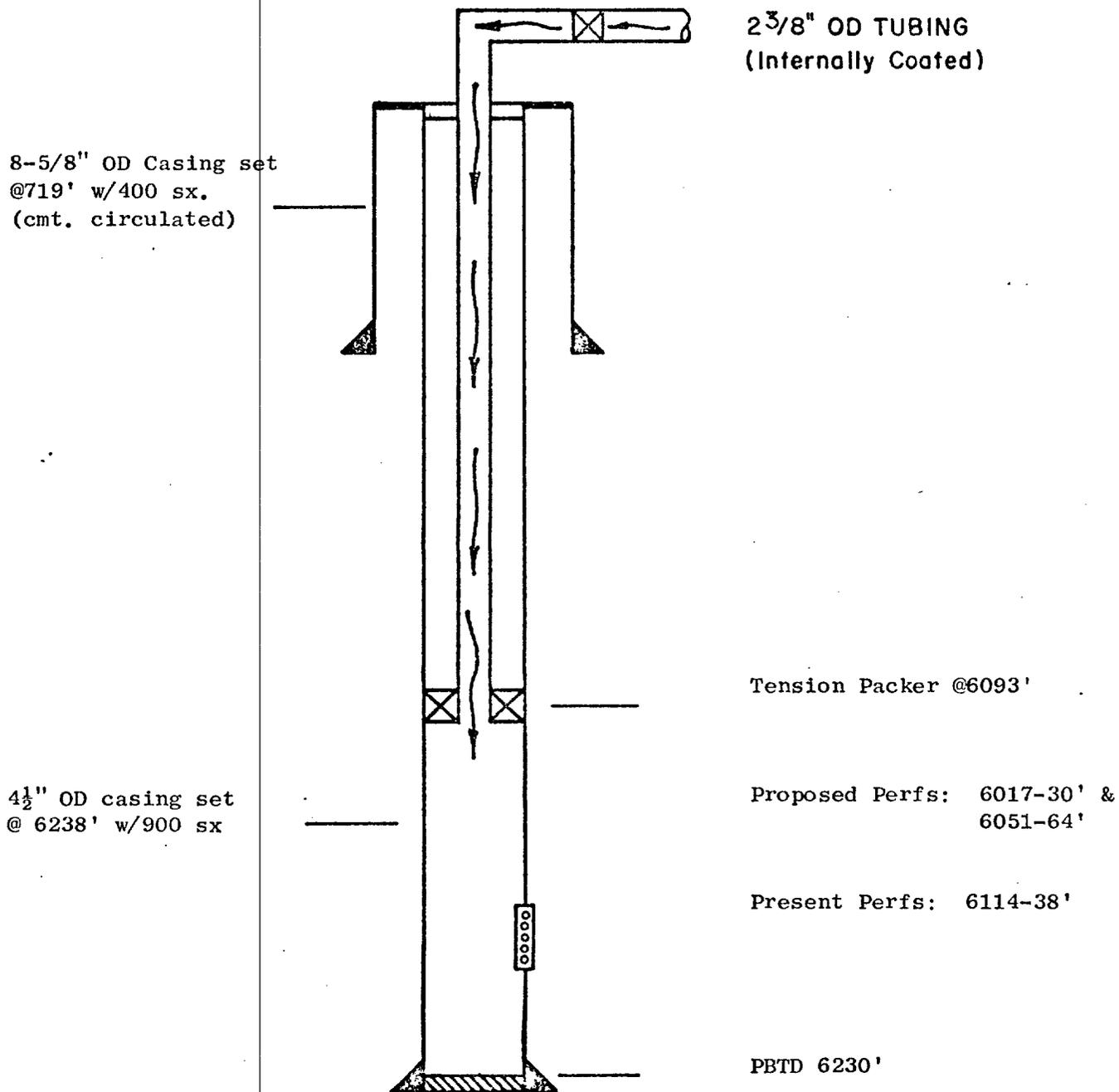
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Date Surveyed _____
 Registered Professional Engineer and/or Land Surveyor

Certificate No. _____

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 1500 1000 500 0

ATLANTIC RICHFIELD COMPANY
 Empire Abo Unit Well D-35
 (Formerly Samedan-Walker-State #1)
 330' FSL & 1980' FEL Sec. 27, T-17-S, R-28-E
 Eddy County, New Mexico
 INJECTION WELL DIAGRAM



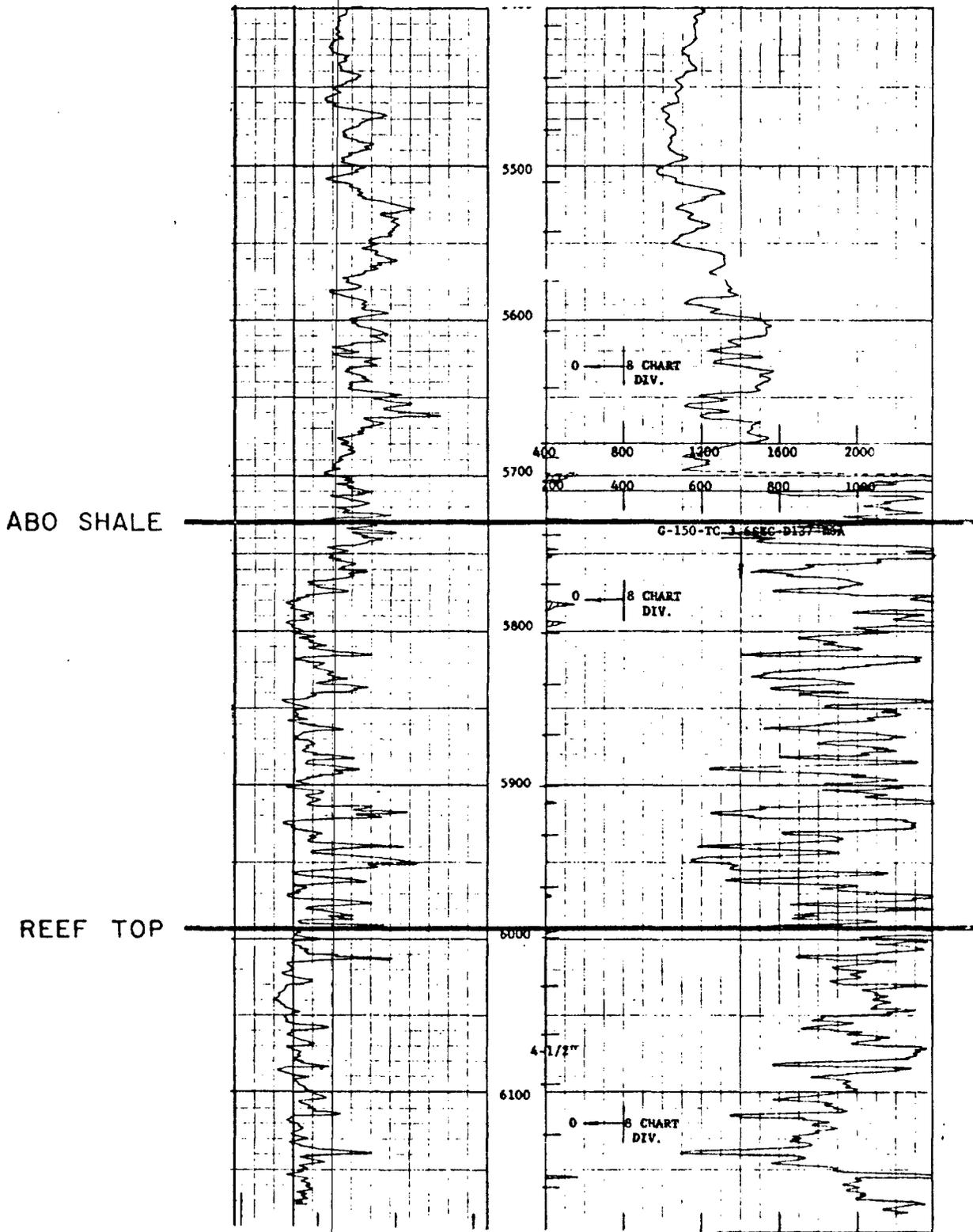
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well No. D 35

330' FSL & 1980' FEL SEC. 27, T-17-S, R-28-E

EDDY COUNTY, NEW MEXICO

GAMMA RAY - NEUTRON



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 Company | | Lease Empire Abo Unit "C" | | Well No. 39 |
| Unit Letter 6 C | Section 26 | Township 17-S | Range 28-E | County Eddy |
| Actual Footage Location of Well: 1650 feet from the South line and 1980 feet from the East line | | | | |
| Ground Level Elev. 3663 | Producing Formation Abo Reef | Pool Empire Abo | Dedicated Acreage: 40 Acres | |

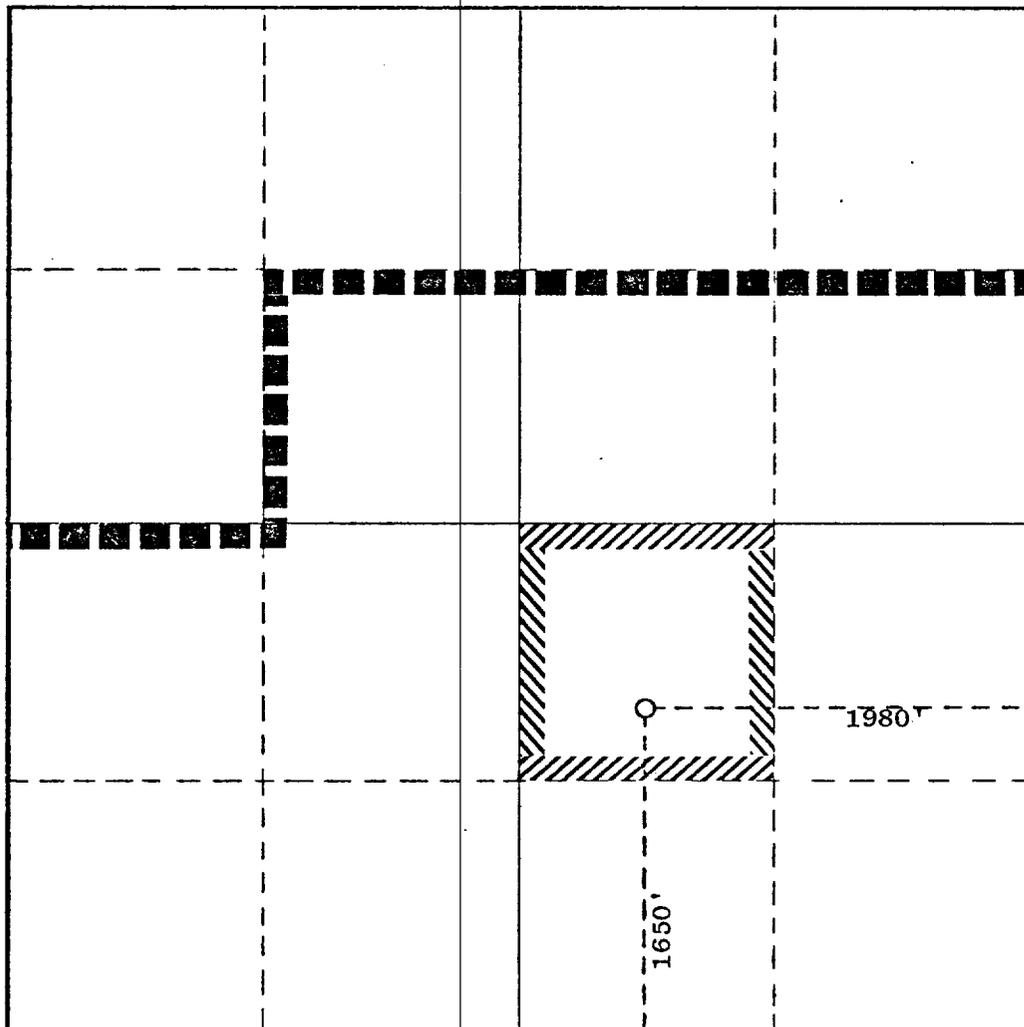
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R-28-E



CERTIFICATION

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

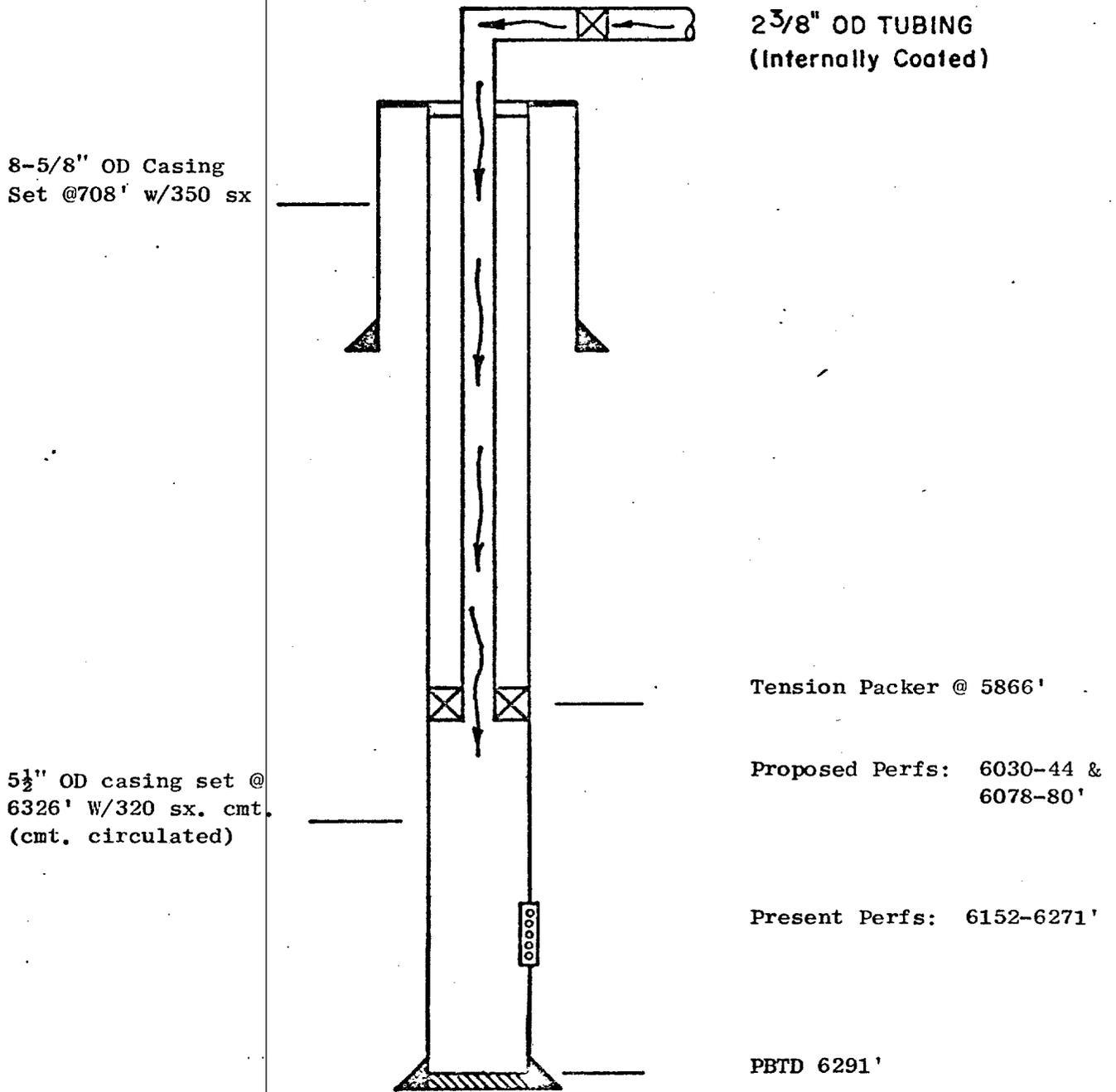
Name: *J. L. Tweed*
J. L. Tweed
 Position
District Engineer
 Company
Atlantic Richfield Co.
 Date
August 20, 1975

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

Date Surveyed
 Registered Professional Engineer and/or Land Surveyor

Certificate No.

ATLANTIC RICHFIELD COMPANY
 Empire Abo Unit Well C-39
 (Formerly Hondo-Western-Yates-State "A" #24)
 1650' FSL & 1980' FEL Sec. 26, T-17-S, R-28-E
 Eddy County, New Mexico
 INJECTION WELL DIAGRAM



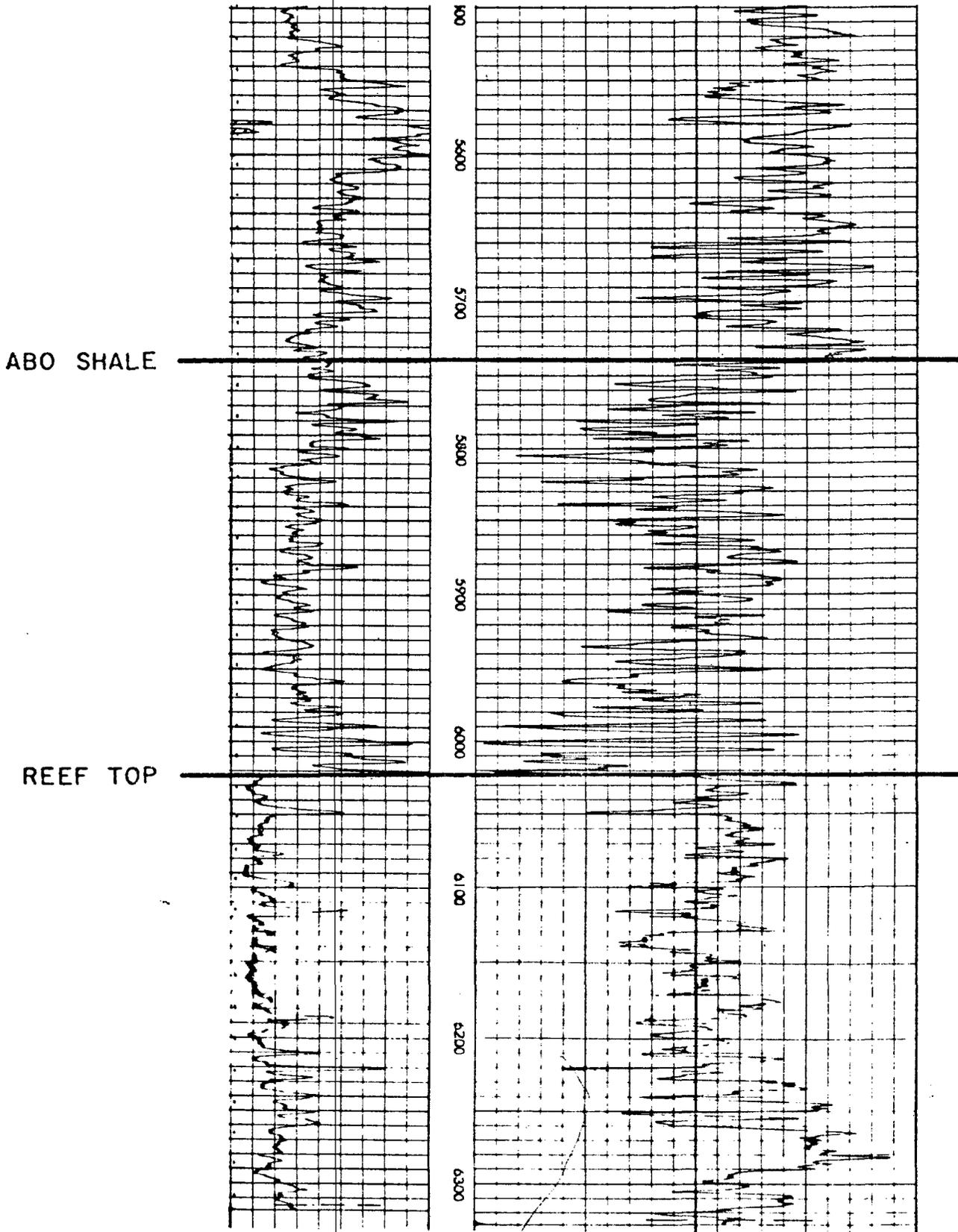
ATLANTIC RICHFIELD COMPANY

Empire Abo Unit Well No. C 39

1650' FSL & 1980' FEL SEC. 26, T-17-S, R-28-E

EDDY COUNTY, NEW MEXICO

GAMMA RAY - NEUTRON

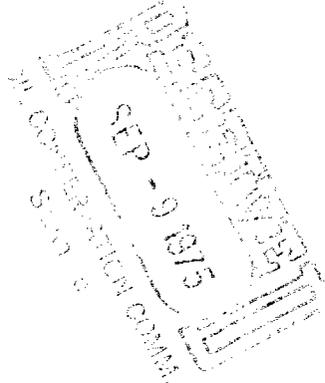


OIL CONSERVATION COMMISSION
Artesia DISTRICT

OIL CONSERVATION COMMISSION
BOX 2088
SANTA FE, NEW MEXICO

DATE 9-5-75

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX X _____



Gentlemen:

I have examined the application dated 9-1-75
for the Atlantic Empire also Unit wells C-39, D-35, G-24, H-21, I-18
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

~~_____~~ . Approval

Yours very truly,

W.A. Gressett

**LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE**