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114

GENERAL OFFICE  
P. O. BOX 9317  
FORT WORTH, TEXAS 76107



**ANADARKO PRODUCTION COMPANY**

TWO GREENWAY PLAZA EAST, SUITE 410, HOUSTON, TEXAS 77046, (713) 626-7610

August 19, 1974

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 88201

Re: Anadarko Production Company's  
Federal "R" Lease Waterflood  
Project, Section 10, T17S-R30E,  
Eddy County, New Mexico

Gentlemen:

Anadarko Production Company as operator of the Federal "R" Lease waterflood project, Square Lake Field, Eddy County, New Mexico, hereby requests administrative approval from the New Mexico Oil Conservation Commission for the conversion of its Federal "R" No. 4 Well, located 1980' from the north and west lines of Section 10, T17S-R30E, to a water injection well. Injection shall consist of approximately 300 barrels per day of fresh-produced water mixture into the Grayburg and San Andres formations at a surface pressure of 2000 psi.

✓ This waterflood project was approved by your Order No. R-4049 and became effective upon the completion of an injection well in March, 1973. Your order provides that the conversion of additional wells to water injection can be handled administratively without need for formal hearing.

With this application, we are enclosing the following information:

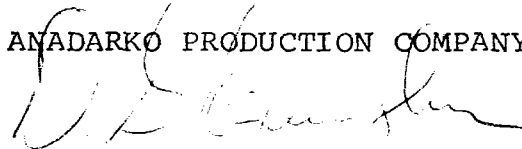
1. Plat showing the location of the subject well and offsetting leases
2. A diagrammatic sketch of the water injection well completion

New Mexico Oil Conservation Commission  
Page Two  
August 19, 1974

Written waivers of objections to this application have been requested from Armer Oil Company, Windfohr Oil Company and General American Oil Company.

Yours very truly,

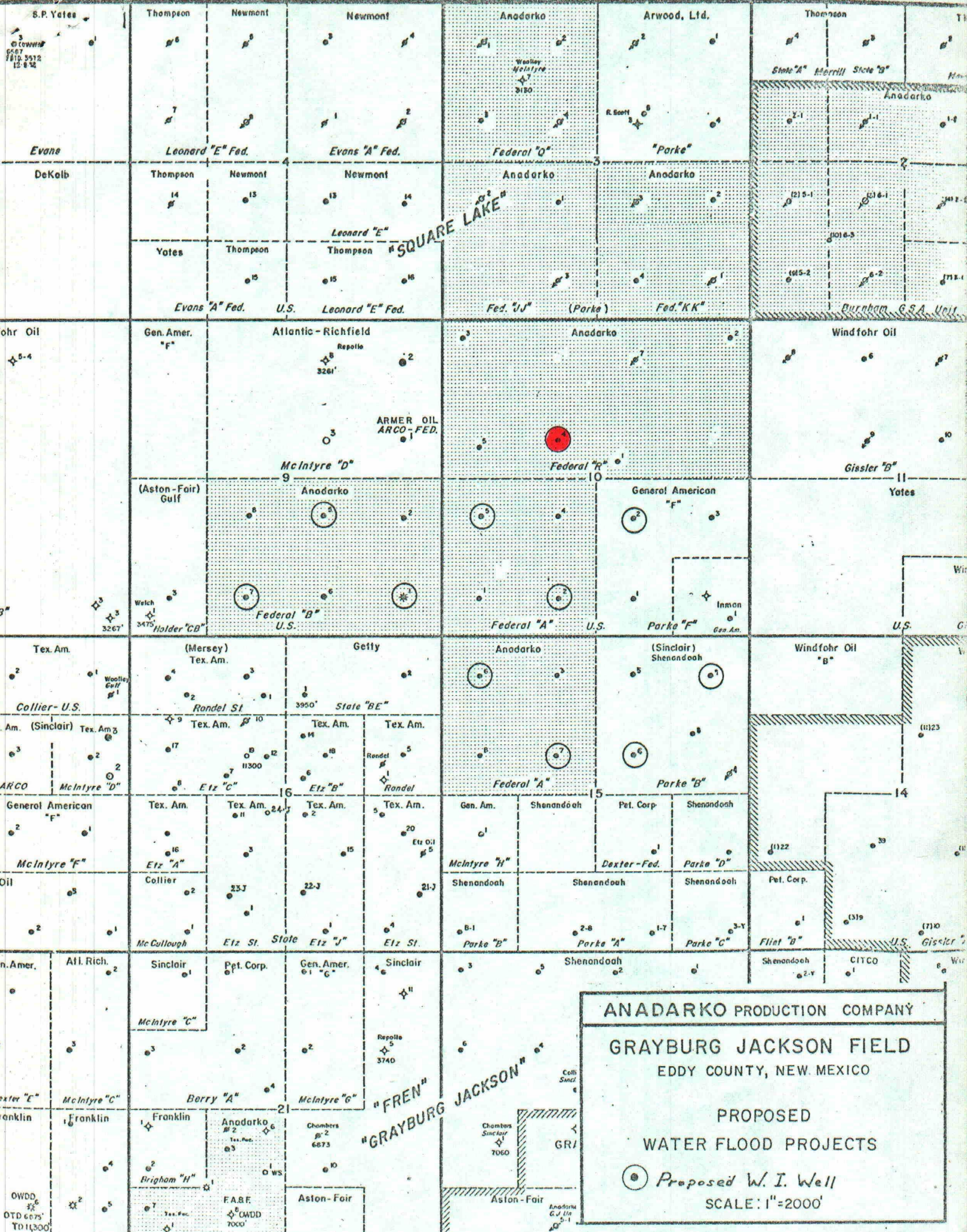
ANADARKO PRODUCTION COMPANY

A handwritten signature in dark ink, appearing to read 'D. G. Kernaghan', is written over the typed name.

D. G. Kernaghan  
Division Evaluation Engineer

DGK/aw  
attach





ANADARKO PRODUCTION COMPANY

GRAYBURG JACKSON FIELD

EDDY COUNTY, NEW MEXICO

PROPOSED

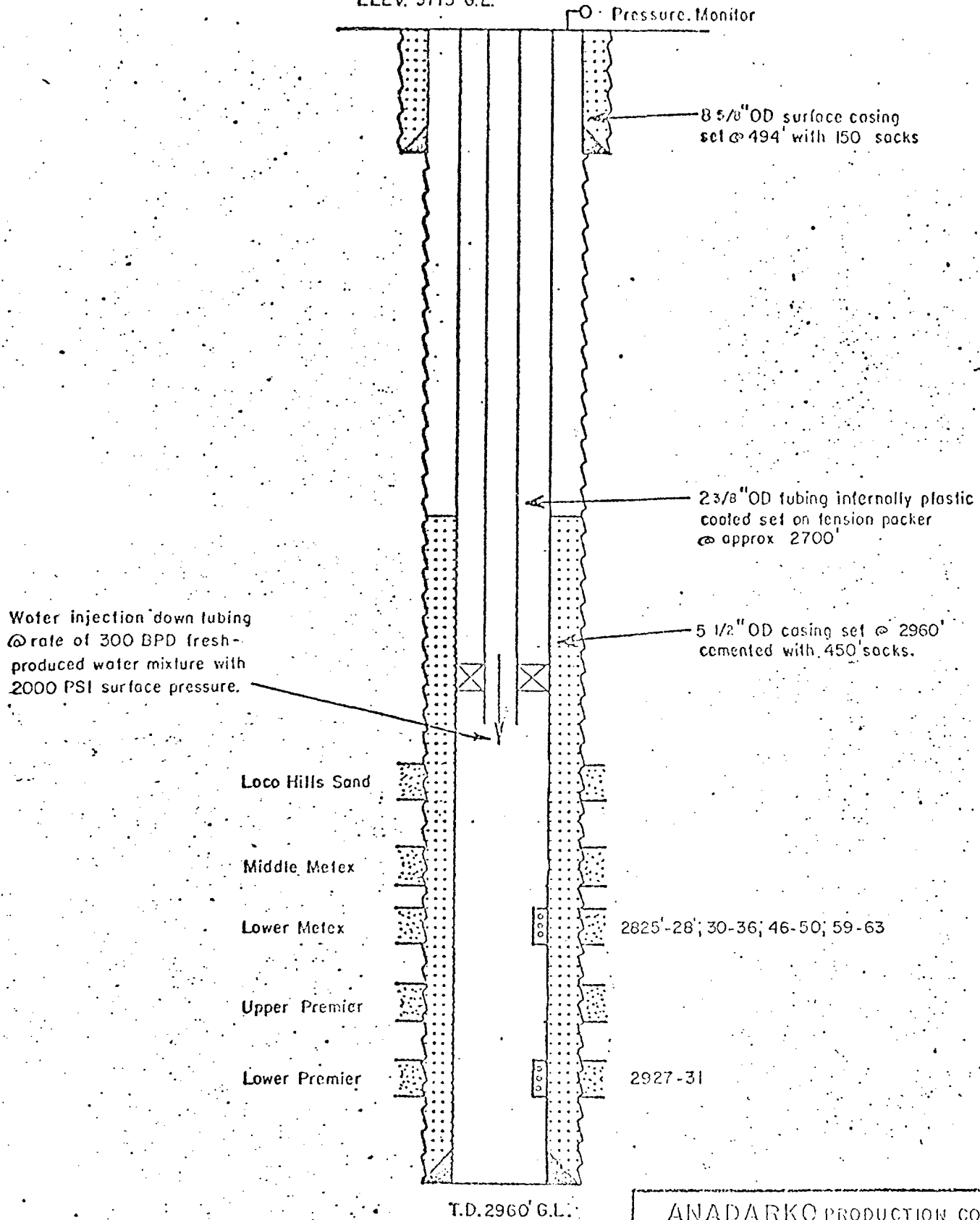
## WATER FLOOD PROJECTS

Proposed W. I. Well

SCALE: 1"=2000'



FEDERAL "R" WELL NO. 4  
 1960' FN & WL Sec. 10 T17S-R30E  
 ELEV. 3715 G.L.



ANADARKO PRODUCTION COMPANY

SQUARE LAKE FIELD

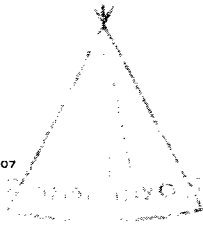
EDDY COUNTY, NEW MEXICO

DIAGRAMMATIC SKETCH

OF

WATER INJECTION WELL COMPLETION  
 FEDERAL "R"

GENERAL OFFICE  
P. O. BOX 9317  
FORT WORTH, TEXAS 76107



**ANADARKO PRODUCTION COMPANY**  
TWO GREENWAY PLAZA EAST, SUITE 410, HOUSTON, TEXAS 77046, (713) 626-7610

August 19, 1974

Windfohr Oil Company  
c/o John Rush Vann  
1202 First National Bank Building  
Fort Worth, Texas 76102

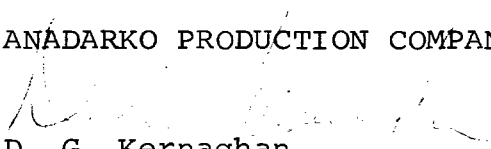
Gentlemen:

Anadarko Production Company has requested administrative approval by the New Mexico Oil Conservation Commission for the conversion of their Federal "R" No. 4 Well, located 1980' from the north and west lines, Section 10, T17S-R30E, Eddy County, New Mexico, to water injection into the Grayburg and San Andres zones.

If you have no objection to the application, please sign this waiver and forward one copy to New Mexico Oil Conservation Commission and one copy to the undersigned.


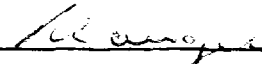
Yours very truly,

ANADARKO PRODUCTION COMPANY

  
D. G. Kernaghan  
Division Evaluation Engineer

The undersigned operator has no objection to Anadarko Production Company's above application.

WINDFOHR OIL COMPANY

BY   
TITLE   
DATE 8/21/74

GENERAL OFFICE  
P. O. BOX 9317  
FORT WORTH, TEXAS 76107



**ANADARKO PRODUCTION COMPANY**  
TWO GREENWAY PLAZA EAST, SUITE 410, HOUSTON, TEXAS 77046, (713) 626-7610

August 19, 1974

General American Oil Company of Texas  
Meadows Building  
Dallas, Texas 75206

Attention: Mr. Bill Patterson

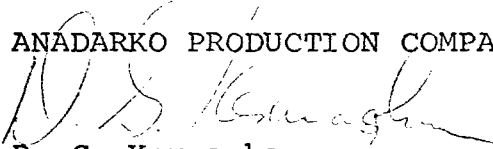
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If you have no objection to the application, please sign this waiver and forward one copy to New Mexico Oil Conservation Commission and one copy to the undersigned.


Yours very truly,

ANADARKO PRODUCTION COMPANY

  
D. G. Kernaghan  
Division Evaluation Engineer

The undersigned operator has no objection to Anadarko Production Company's above application.

GENERAL AMERICAN OIL COMPANY

BY   
TITLE Vice Pres.  
DATE 8-21-74

OIL CONSERVATION COMMISSION  
Artisia DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE 8-29-74

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

Gentlemen:

I have examined the application dated 8-19-74  
for the Anadarko Prod. Co. Federal R #4-F-10-17-30  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approval  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

W. A. Gessert