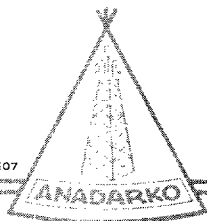


GENERAL OFFICE
P. O. BOX 9317
FORT WORTH, TEXAS 76107



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

December 21, 1972

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

Re: Waterflood Development
Far West Loco Hills Sand Unit,
Loco Hills Field, Eddy County,
New Mexico

Gentlemen:

Anadarko Production Company hereby requests administrative approval of the Oil Conservation Commission of the State of New Mexico to convert to water injection Tract 8 - Well No. 4 at a location 2310' from the east line and 2310' from the south line of Section 4-T18S-R29E on the referenced Unit. This well is proposed as a substitute for Tract 8 - Well No. 31, located 2310' from the south line and 1950' from the west line of Section 4-T18S-R29E, authorized as a water injection well by Administrative Order WFX No. 348.

Item (3) of Order R-3628-A gives the Secretary-Director of the Commission authority to substitute water injection wells for those previously authorized on the referenced Unit by Order R-3628 and R-3628-A at orthodox and unorthodox locations provided certain specified conditions are met.

These conditions have been met as follows:

- (1) The proposed well is not located within 330' of the outer boundary of the Unit or within 10' of any quarter-quarter section or subdivision inner boundary.
- (2) Rule 701-B of the Commission Rules and Regulations

have been complied with by the enclosure herewith of (1) plat showing the proposed water injection well and offset operations, (2) a log of the proposed water injection well, and (3) a diagrammatic sketch of the proposed water injection well completion.

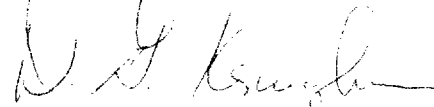
- (3) A copy of this application has been furnished Newmont Oil Company and J. Cleo Thompson as offset operators with a request that they advise the Commission of their waiver of any objections at their earliest convenience.

We anticipate that approximately 250 barrels of fresh water will be injected daily into the proposed well. The conversion of these wells to water injection is essential to the maximum recovery of oil from the Zone 4 of the Grayburg (Loco Hills Sand) under the Far West Loco Hills Sand Unit.

Your approval at your earliest convenience will be appreciated.

Very truly yours,

ANADARKO PRODUCTION COMPANY



D. G. Kernaghan
Division Evaluation Engineer

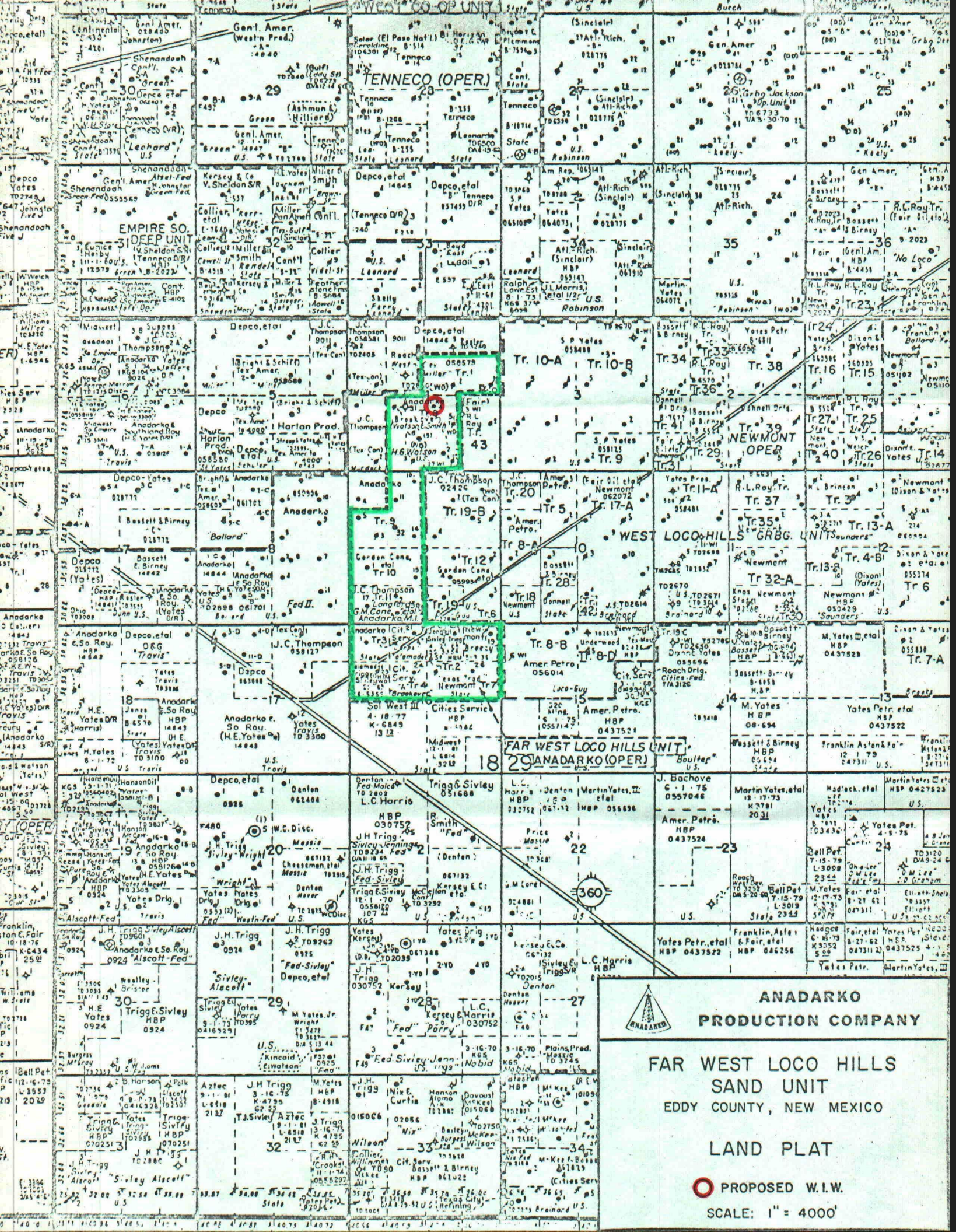
DGK:sc
Enclosure

cc: United States Geological Survey
Roswell and Artesia, New Mexico

Commissioner of Public Lands
State of New Mexico
Santa Fe, New Mexico

Newmont Oil Company
Artesia, New Mexico

J. Cleo Thompson
Dallas, Texas



TENNECO (OPER.)

EMPIRE SO. DEEP UNIT

NEWMONT OPER.

WEST LOCO HILLS GRBG. UNIT

FAR WEST LOCO HILLS UNIT
ANADARKO (OPER.)

ANADARKO PRODUCTION COMPANY

FAR WEST LOCO HILLS SAND UNIT
EDDY COUNTY, NEW MEXICO

LAND PLAT

PROPOSED W.I.W.
SCALE: 1" = 4000'

FILE NO.

COMPANY

ANADARKO PRODUCTION COMPANY

WELL

F.W.L.H.S.U. NO. 8-4

FIELD

LOCO HILLS

COUNTY

EDDY

STATE

NEW MEXICO

LOCATION:

2310' FSL & 2310' FEL

Other Services

SEC

4

TWP

18-S

RGE

29±E

Permanent Datum

G.L.

Elev. 3530'

Elevations:

Log Measured from

G.L.

0

Ft. Above Permanent Datum

Drilling Measured from

G.L.

KB

DF

GL

3530'

Date

3-31-70

Run No.

ONE

Depth—Driller

2600

Depth—Logger

2597

Bottom Logged Interval

2595

Top Logged Interval

1905

Casing—Driller

5 1/2 3300

@

@

@

Casing—Logger

-

Bit Size

-

Type Fluid in Hole

FLD. SALT WATER

Density and Viscosity

pH and Fluid Loss

Source of Sample

Rm @ Meas. Temp.

Rmf @ Meas. Temp.

Rmc @ Meas. Temp.

Source of Rmf and Rmc

Rm @ BHT

Time Since Circ.

Max. Rec. Temp. Deg. F.

Equip. No. and Location

Recorded By

Witnessed By

6028 HOBBS

MC ATEE

MR. LAYTON

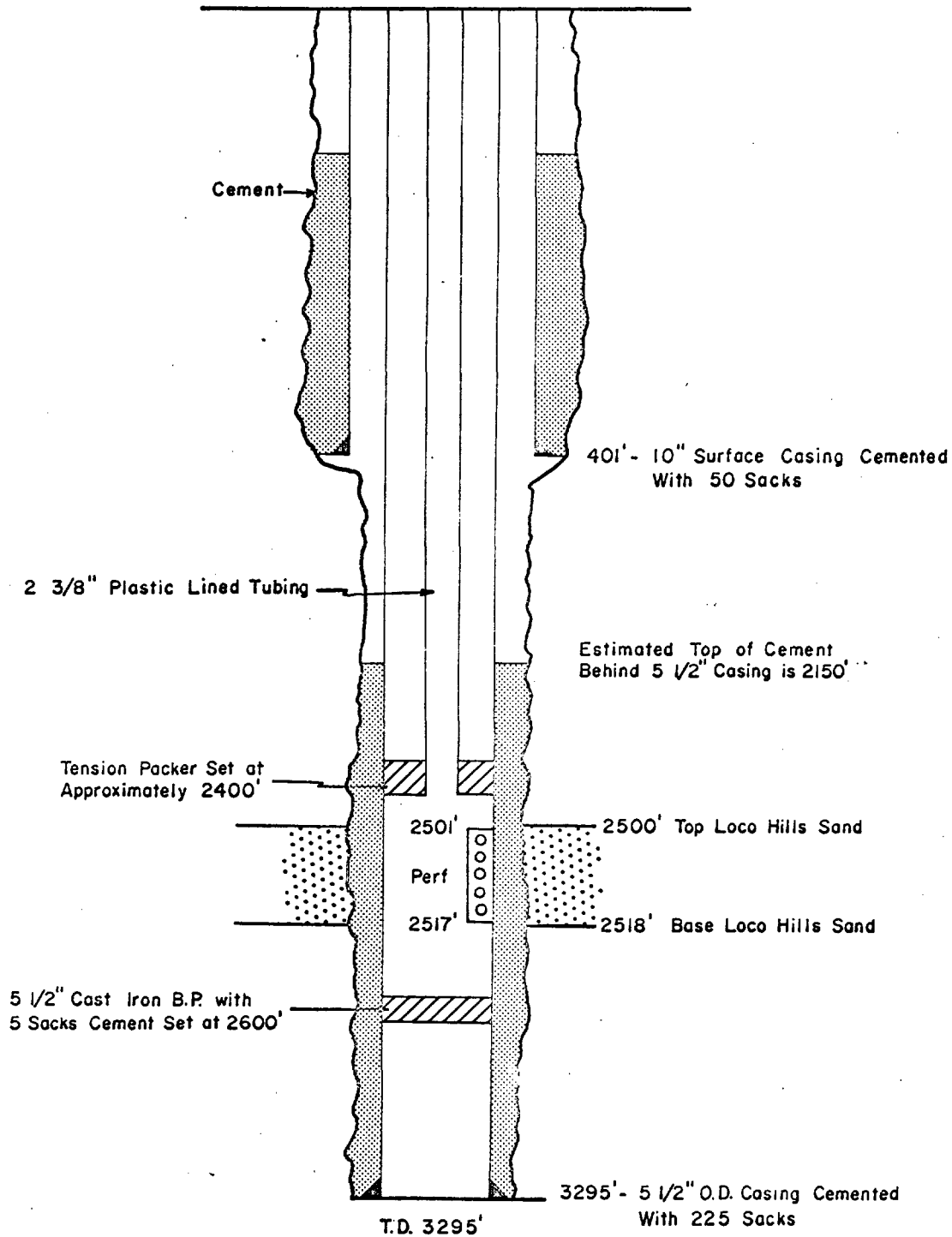
FOLD HERE

Loco Hills Sand

2500

PERFS

**PROPOSED
FAR WEST LOCO HILLS SAND UNIT
WELL NUMBER 8-4**



**ANADARKO
PRODUCTION COMPANY**

FAR WEST LOCO HILLS SAND UNIT
LOCO HILLS FIELD
EDDY COUNTY, NEW MEXICO
DIAGRAMMATIC SKETCH
OF
PROPOSED COMPLETION
OF
WELL NUMBER 8-4

NEWMONT OIL COMPANY
ROOM 303, FIRST NATIONAL BANK BUILDING
P. O. Box 1305
ARTESIA, NEW MEXICO 88210

January 2, 1973



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

Re: Convert Tract 8 Well No. 4
to injection. Far West Loco
Hills Sand Unit, Loco Hills Field,
Eddy County, New Mexico

Gentlemen:

Newmont Oil Company has no objection to Anadarko Production Company's request to convert to injection their Tract 8 Well No. 4 located 2310' FSL and FEL of Section 4, T-18S, R-29E, Far West Loco Hills Sand Unit, Loco Hills Field, Eddy County, New Mexico.

If we can be of any further assistance, please advise.

Very truly yours,

Newmont Oil Company

A handwritten signature in cursive script that reads "Charles C. Joy".

Charles C. Joy
District Superintendent

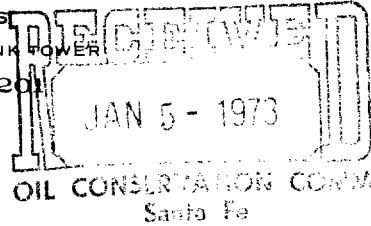
CCJ/saf

J. CLEO THOMPSON & JAMES CLEO THOMPSON, JR.

OIL PRODUCERS
4500 REPUBLIC NATIONAL BANK TOWER

DALLAS, TEXAS 75201

January 2, 1973



RIVERSIDE 2-1991

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

Re: Waterflood Development
Far West Loco Hills Sand Unit
Loco Hills Field, Eddy County,
New Mexico

Gentlemen:

This is to advise you that we have been advised of Anadarko Production Company's request to convert to water injection Tract 8 - Well No. 4 in the above mentioned unit. We, as an offset operator, have no objection to Anadarko converting this well to water injection.

Yours truly,


JIMMIE THOMPSON

JT:lc

cc: Mr. D. G. Kernaghan
Anadarko Production Company
2 Greenway Plaza East, Suite 410
Houston, Texas 77046