



ANADARKO PRODUCTION COMPANY

3109 WINTHROP AVENUE P. O. BOX 9317 FORT WORTH, TEXAS 76107

CABLE ADDRESS: ANDARK

July 17, 1970

WFX-348

70 JUL 20 PM 12 09

Due Aug 4

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. 31 at a location 2310' from the south line and 1980' from the west line of Section 4 -T18S-R29E and Tract 10-Well No. 16 at a location 1980' from the south line and 660' from the west line of Section 9-T18S-R29E on the referenced Unit. These wells are proposed as substitutions for two (2) wells authorized for water injection purposes by Order R-3628 and R-3628-A, Tract 8-Well No. 34 at a location 1980' from the south line and 1980' from the west line of Section 4-T18S-R29E and Tract 10-Well No. 36 at a location 1330' from the south line and 10' from the west line of Section 9-T18S-R29E.

Order (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) Neither well is located within 330' of the outer boundary of the Unit nor 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) a plat showing the proposed water injection wells and offset operations, (2) a log of each of the proposed water injection wells, and (3) a diagrammatic sketch of the proposed water injection well completions on which we have indicated the zone to be open for injection and the type and quantity of water to be injected.

- (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.

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



C.W. Stumhoffer
Superintendent
Secondary Recovery Division

CWS/nl

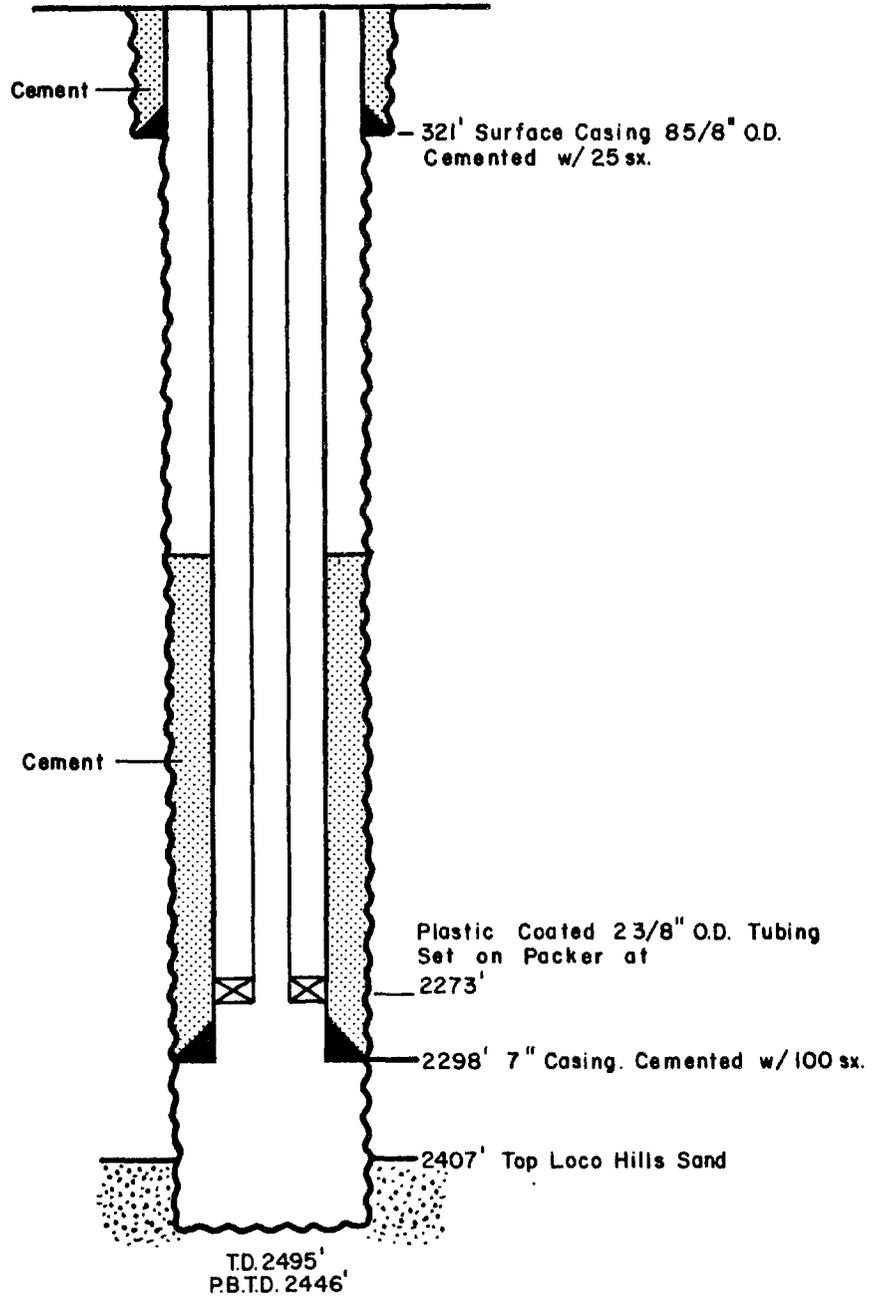
Encl:

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

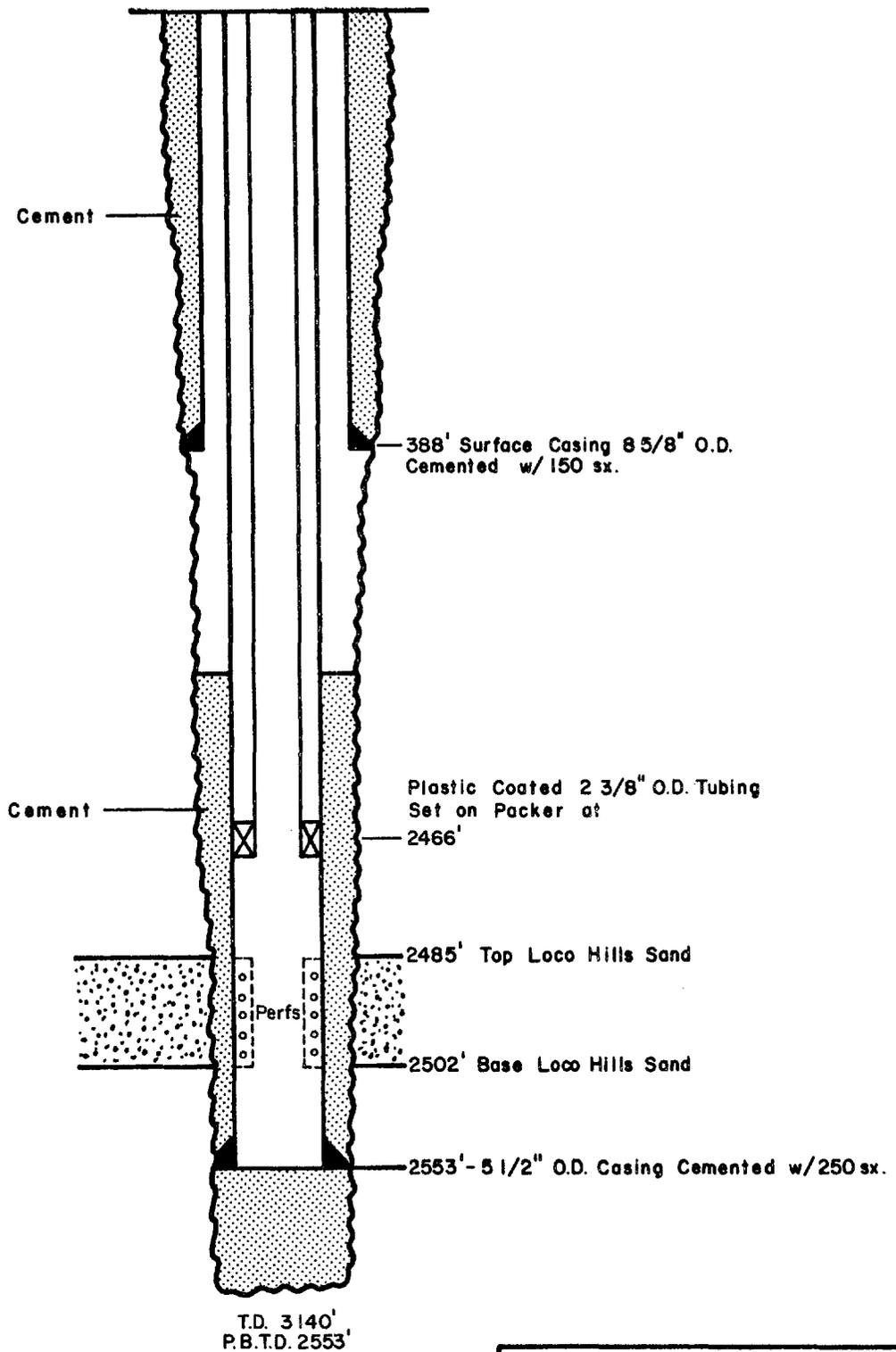
J. Cleo Thompson
Dallas, Texas



**ANADARKO
PRODUCTION COMPANY**

**FAR WEST LOCO HILLS SAND UNIT
LOCO HILLS FIELD
EDDY COUNTY, NEW MEXICO**

DIAGRAMMATIC SKETCH
OF
PROPOSED COMPLETION
OF
WATER INJECTION WELL NO. 10-16



**ANADARKO
PRODUCTION COMPANY**

**FAR WEST LOCO HILLS SAND UNIT
LOCO HILLS FIELD
EDDY COUNTY, NEW MEXICO**

DIAGRAMMATIC SKETCH
OF
PROPOSED COMPLETION
OF
WATER INJECTION WELL NO. 8-31

EXHIBIT - I.

J. CLEO THOMPSON & JAMES CLEO THOMPSON, JR.

OIL PRODUCERS

4500 REPUBLIC NATIONAL BANK TOWER

DALLAS, TEXAS 75201

July 24, 1970

1970 JUL 27 AM 8 08

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:

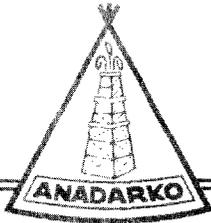
This is to advise you that we have no objection to Anadarko Production Company's request for administrative approval to convert to water injection Tract 8-Well No. 31 located 2310' from the south line and 1980' from the west line of Section 4-T18S-R29E and Tract 10-Well No. 16 located 1980' from the south line and 660' from the west line of Section 9-T18S-R29E in the above mentioned unit.

Yours truly,


JIMMIE THOMPSON

JT:lc

cc: Mr. C. W. Stumhoffer
Anadarko Production Company
P. O. Box 9317
Fort Worth, Texas 76107



ANADARKO PRODUCTION COMPANY

3109 WINTHROP AVENUE P. O. BOX 9317 FORT WORTH, TEXAS 76107
CABLE ADDRESS: ANDARK

JUL 21 10 08 1970

July 17, 1970

Newmont Oil Company
P. O. Box 1305
Artesia, New Mexico 88210

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

Gentlemen:

We are enclosing a copy of a letter to the Oil Conservation Commission of the State of New Mexico in which Anadarko Production Company requests administrative approval to convert to water injection Tract 8 - Well No. 31 at a location 2310' from the south line and 1980' from the west line of Section 4-T18S-R29E and Tract 10 - Well No. 16 at a location 1980' from the south line and 660' from the west line of Section 9-T18S-R29E on the referenced Unit.

To obtain administrative approval in this matter, it is requested that we furnish a notice to offset operators of our intentions. With this letter, we are asking that you advise the Commission at your earliest convenience if you do not oppose the conversion of the two referenced wells to water injection.

Very truly yours,

ANADARKO PRODUCTION COMPANY

Original Signed By
C. W. Stumhoffer

C.W. Stumhoffer
Superintendent
Secondary Recovery Division

CWS/nl

Encl:

cc: Oil Conservation Commission ✓
State of New Mexico
Santa Fe, New Mexico

NEWMONT OIL COMPANY

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

July 22, 1970

NEW MEXICO
DISTRICT OFFICE

70 JUL 23 AM 8 23

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

Dear Sir:

This is to inform you we have no objection to Anadarko Production Company converting to injection their Far West Loco Hills Unit Well No. 8-31 located 2310' FSL and 1980' FWL of Section 4-18S-29E, and their Well 10-16 located 1980' FSL and 1660' FWL of Section 9-18S-29E.

Yours truly,

NEWMONT OIL COMPANY



Herman J. Ledbetter
Division Superintendent

HJL/saf

CC: Anadarko Production Company
c/o C. W. Stumhoffer
P. O. Box 9317
Fort Worth, Texas 76107