

CITIES SERVICE OIL COMPANY

Box 69
Hobbs, New Mexico 88240
Telephone: 505 EX 3-2177

September 22, 1972

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

Attn: Mr. A. L. Porter, Jr.

W.F.X - 380

Rev. - 11

Re: Request for Administrative Approval to
convert 3 wells to injection and drill
3 producing wells in the Southeast
Maljamar Grayburg San Andres Unit, as
set forth by Order No. R-3134-A

Gentlemen:

Cities Service Oil Company, as operator of the Southeast Maljamar Grayburg-San Andres Unit, respectfully requests administrative approval to convert and drill the following wells:

Convert to Injection Wells --

Tract 1, Well 2, 1980' FSL & 1980' FEL Sec 30-T17S-R33E, Lea County
Tract 9, Well 4, 660' FNL & 660' FEL Sec. 32-T17S-R33E, Lea County
Tract 10, Well 4, 330' FNL & 2970' FEL Sec. 32-T17S-R33E, Lea County

Drill as producing wells --

Tract 6 Well 6, 1310' FSL & 100' FWL, Sec. 29-T17S-R33E, Lea County
Tract 7 Well 7, 100' FSL & 1430' FEL, Sec. 29-T17S-R33E, Lea County
Tract 7 Well 8, 100' FSL & 2540' FEL, Sec. 29-T17S-R33E, Lea County

The injection wells will be equipped with cement lined tubing and a packer to prevent contamination of fresh water zones. The attached schematic diagrams indicate the size, diameter, and setting depths of casing strings; quantities and top of cement; open hole intervals; size, diameter and setting depth of tubing strings; type and location of packers and other pertinent data.

Water injection will be into the Grayburg-San Andres formation at approximately 400 barrels per day. Continental Oil Company will supply approximately 95 per cent of the injected water from the Ogalalla fresh water sand while the remaining portion will be produced water from the Grayburg-San Andres formation.

Oil Conservation Commission, September 22, 1972, Page 2

A copy of this application along with attachments have been sent to each offset operator.

Yours very truly,

CITIES SERVICE OIL COMPANY



E. Y. Wilder
District Manager

EYW/BB/ed

Attachments

cc: Oil Conservation Commission
P.O. Box 1980
Hobbs, New Mexico 88240

Mr. E. D. Spears
P.O. Box 1589
Hobbs, New Mexico

Pennzoil United
P.O. Box 1828
Midland, Texas 79701

Phillips Petroleum Company
Phillips Building, Room 711
Odessa, Texas 79761

Mrs. Cockburn
P.O. Box 408
Artesia, New Mexico 88210



CITIES SERVICE OIL COMPANY

Box 69
Hobbs, New Mexico 88240
Telephone: 505 EX 3-2177

September 22, 1972

Mr. E. D. Spears
P.O. Box 1589
Hobbs, New Mexico 88240

Dear Mr. Spears:

Cities Service Oil Company would appreciate your sending a Waiver of Objection for the proposed conversions and drilling wells to Mr. A. L. Porter, Jr. Oil Conservation Commission, State of New Mexico, P.O. Box 2088, Santa Fe, New Mexico, 87501.

The waiver will allow us to avoid the normal fifteen day waiting period.

Yours truly,

CITIES SERVICE OIL COMPANY

E. Y. Wilder
District Manager

EYW/BB/ed

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



CITIES SERVICE OIL COMPANY

Box 69
Hobbs, New Mexico 88240
Telephone: 505 EX 3-2177

September 22, 1972

Pennzoil United
P.O. Box 1828
Midland, Texas 79701

Gentlemen:

Cities Service Oil Company would appreciate your sending a Waiver of Objection for the proposed conversions and drilling wells to Mr. A. L. Porter, Jr., Oil Conservation Commission, State of New Mexico, P.O. Box 2088, Santa Fe, New Mexico 87501

This waiver will allow us to avoid the normal fifteen day waiting period.

Yours truly,

CITIES SERVICE OIL COMPANY

E. Y. Wilder
District Manager

EYW/Bb/ed

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



CITIES SERVICE OIL COMPANY

Box 69
Hobbs, New Mexico 88240
Telephone: 505 EX 3-2177

September 22, 1972

Phillips Petroleum Company
Phillips Building, Room 711
Odessa, Texas 79761

Gentlemen:

Cities Service Oil Company would appreciate your sending a Waiver of Objection for the proposed conversions and drilling wells to Mr. A. L. Porter, Jr., Oil Conservation Commission, State of New Mexico, P.O. Box 2088, Santa Fe, New Mexico 87501

This waiver will allow us to avoid the normal fifteen day waiting period.

Yours truly,

CITIES SERVICE OIL COMPANY

E. Y. Wilder
District Manager

EYW/BB/ed

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



CITIES SERVICE OIL COMPANY

Box 69
Hobbs, New Mexico 88240
Telephone: 505 EX 3-2177

September 22, 1972

Mrs. Cockburn
P.O. Box 408
Artesia, New Mexico 88210

Dear Mrs. Cockburn:

Cities Service Oil Company would appreciate your sending a Waiver of Objection for the proposed conversions and drilling wells to Mr. A. L. Porter, Jr., Oil Conservation Commission, State of New Mexico, P.O. Box 2088, Santa Fe, New Mexico 87501.

This waiver will allow us to avoid the normal fifteen day waiting period.

Yours truly,

CITIES SERVICE OIL COMPANY

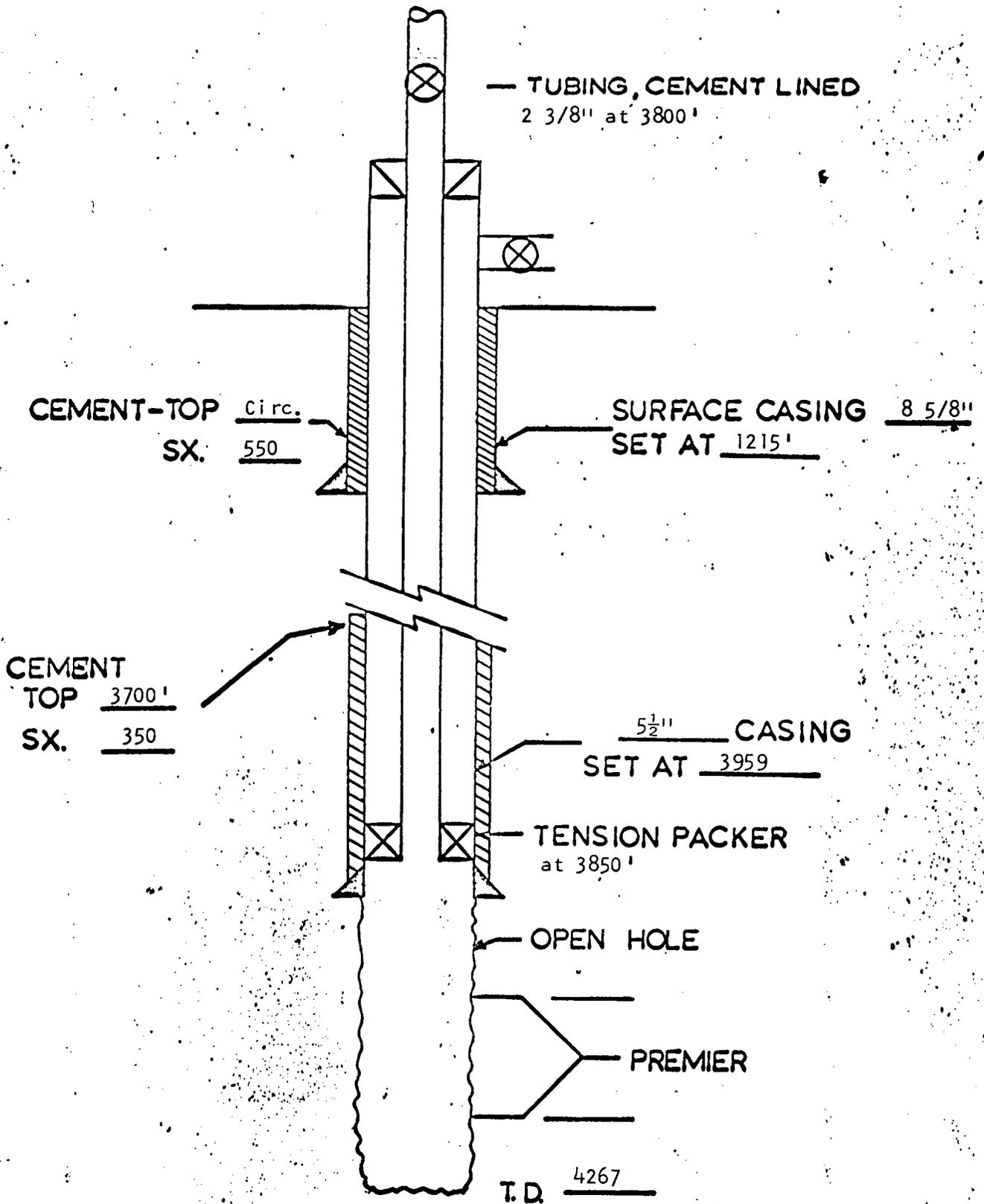
E. Y. Wilder
District Manager

EYW/BB/ed

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

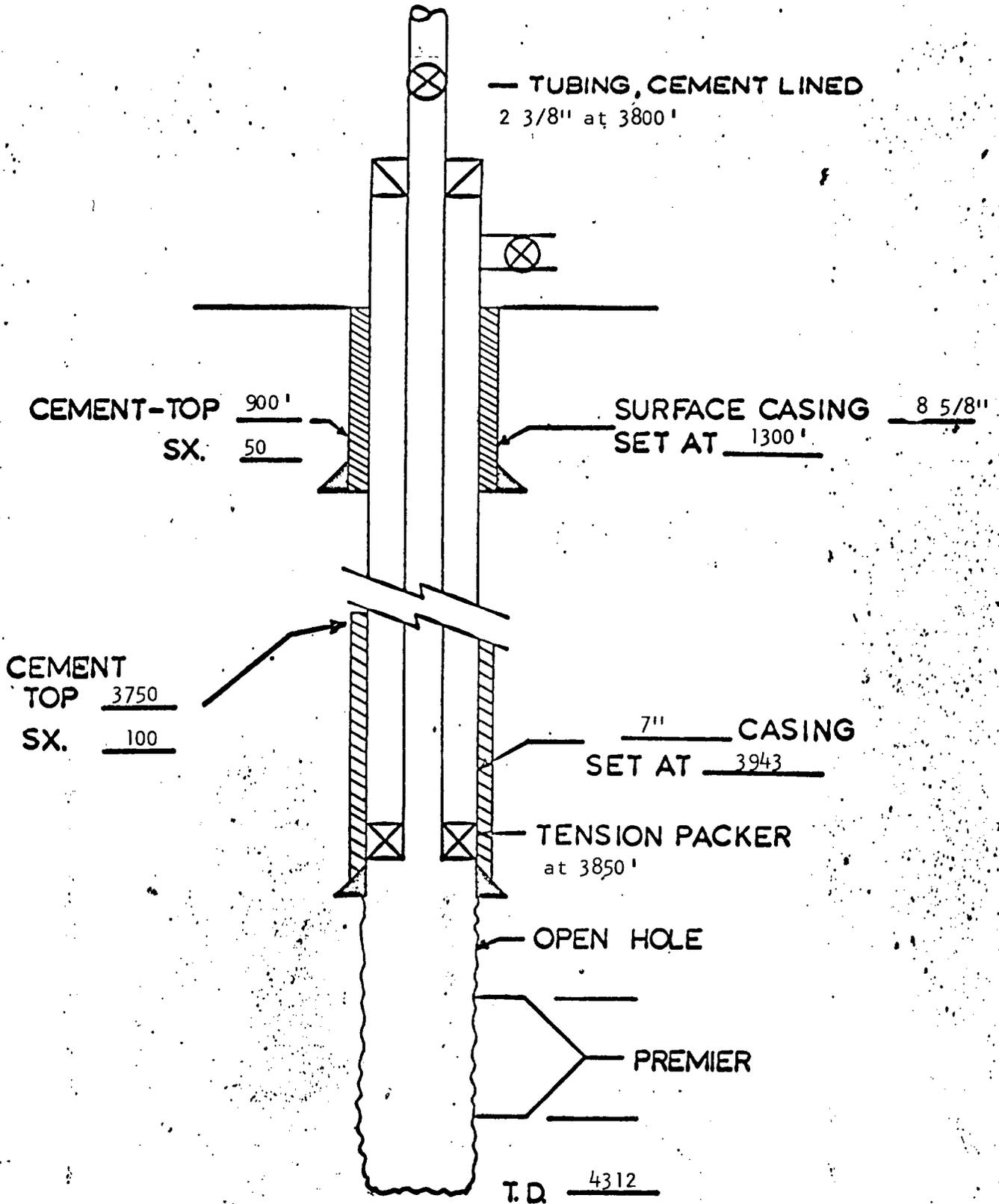
SEM UNIT
CITIES SERVICE OIL CO.
WATER INJECTION WELL SCHEMATIC

WELL NO. Tract 1 Well 2



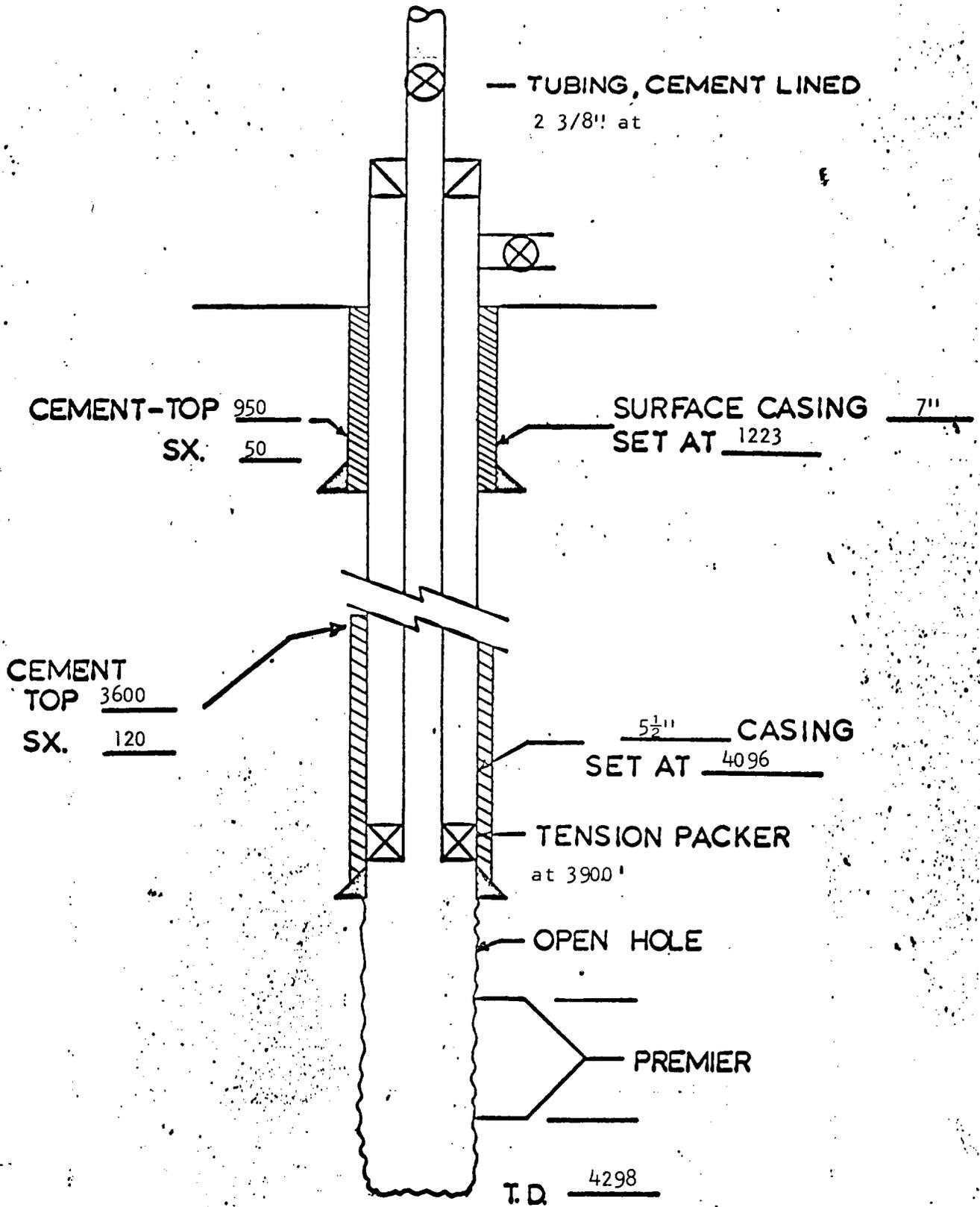
SEM UNIT
CITIES SERVICE OIL CO.
WATER INJECTION WELL SCHEMATIC

WELL NO. Tract 9 Well 4



SEM UNIT
CITIES SERVICE OIL CO.
WATER INJECTION WELL SCHEMATIC

WELL NO. Tract 10 Well 4



-2-

CASE NO. 4750
Order No. R-3134-A

(6) That approval of the requested administrative procedure will afford the applicant the opportunity to produce its just and equitable share of the oil in the Maljamar Pool, provided said wells are drilled no closer than 330 feet to the outer boundary of the above-described unit area nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary.

(7) That the subject waterflood project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations, provided however, that the showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection.

IT IS THEREFORE ORDERED:

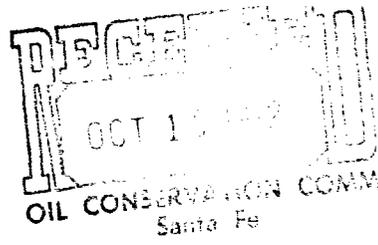
(1) That the applicant, Cities Service Oil Company, is hereby authorized to drill a well at an unorthodox location 1155 feet from the South line and 1385 feet from the East line of Section 29, Township 17 South, Range 33 East, NMPM, Maljamar Pool, Lea County, New Mexico, as a producing well in its Southeast Maljamar Grayburg-San Andres Unit Waterflood Project.

(2) That Order (2) of Order No. R-3134 is hereby amended to read in its entirety as follows:

"(2) That the subject waterflood project shall continue to be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations;

PROVIDED HOWEVER, that the Secretary-Director of the Commission may approve such additional producing wells and injection wells at orthodox and unorthodox locations within the Southeast Maljamar Grayburg-San Andres Unit Waterflood Project area as may be necessary to complete an efficient production and injection pattern, provided said wells are drilled no closer than 330 feet to the outer boundary of the Southeast Maljamar Grayburg-San Andres Unit Area nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary, and provided that the application therefor has been filed in accordance with Rule 701 B of the Commission Rules and Regulations, and provided that the application has been sent to all offset operators, if any there be, and no such operator has objected within 15 days. The showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection."

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.



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

Attn: Mr. A. L. Porter, Jr.

Re: Waiver of Objection

Gentlemen:

We have been advised by Cities Service Oil Company, operator of the Southeast Maljamar Grayburg-San Andres Unit, of their intention to convert 3 wells to injection and drill 3 producing wells.

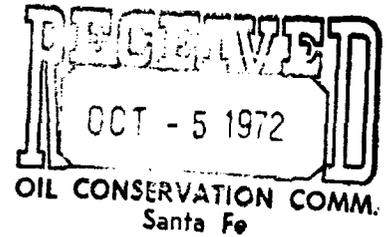
As an offset operator, we hereby waive any objection to the above proposal.

PHILLIPS PETROLEUM COMPANY

By: *G. Edwards*

Date: 10-10-72

cc: Mr. E. Y. Wilder
District Manager
Cities Service Oil Company
P.O. Box 69
Hobbs, New Mexico 88240



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

Attn: Mr. A. L. Porter, Jr.

Re: Waiver of Objection

Gentlemen:

I have been advised by Cities Service Oil Company, operator of the Southeast Maljamar Grayburg-San Andres Unit of their intention to convert 3 wells to injection and drill 3 producing wells.

As an offset operator, I hereby waive any objection to the above proposal.

By: *E. D. Spears*

Date: 9-26-1972

cc: Mr. E. Y. Wilder
District Manager
Cities Service Oil Company
P.O. Box 69
Hobbs, New Mexico 88240

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

Attn: Mr. A. L. Porter, Jr.

Re: Waiver of Objection

Gentlemen:

I have been advised by Cities Service Oil Company, operator of the Southeast Maljamar Grayburg-San Andres Unit of their intention to convert 3 wells to injection and drill 3 producing wells.

As an offset operator, I hereby waive any objection to the above proposal.

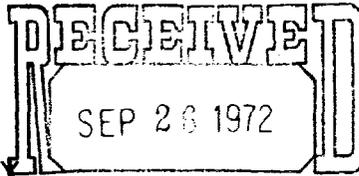
By:

Maggie Luetta Cochran

Date:

26 September 1972

cc: Mr. E. Y. Wilder
District Manager
Cities Service Oil Company
P.O. Box 69
Hobbs, New Mexico 88240



CITIES SERVICE OIL COMPANY

OIL CONSERVATION COMM.
Santa Fe

Box 69
Hobbs, New Mexico 88240
Telephone: 505 EX 3-2177

September 22, 1972

Mr. A. L. Porter, Jr.
Secretary - Director
New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Application for Administrative Approval
to convert Southeast Maljamar Grayburg
San Andres Unit Tract 7 Well #4 from an
oil well to a water injection well

Dear Sir:

Cities Service Oil Company respectfully requests administrative approval to convert the above captioned well, located 1650' FSL & 990' FEL, Sec. 29-T17S-R33E, Lea County, New Mexico.

Attached is a plat showing the location of the well and a diagrammatic sketch showing casing and tubing strings, packer setting and open hole completion.

Yours truly,

CITIES SERVICE OIL COMPANY

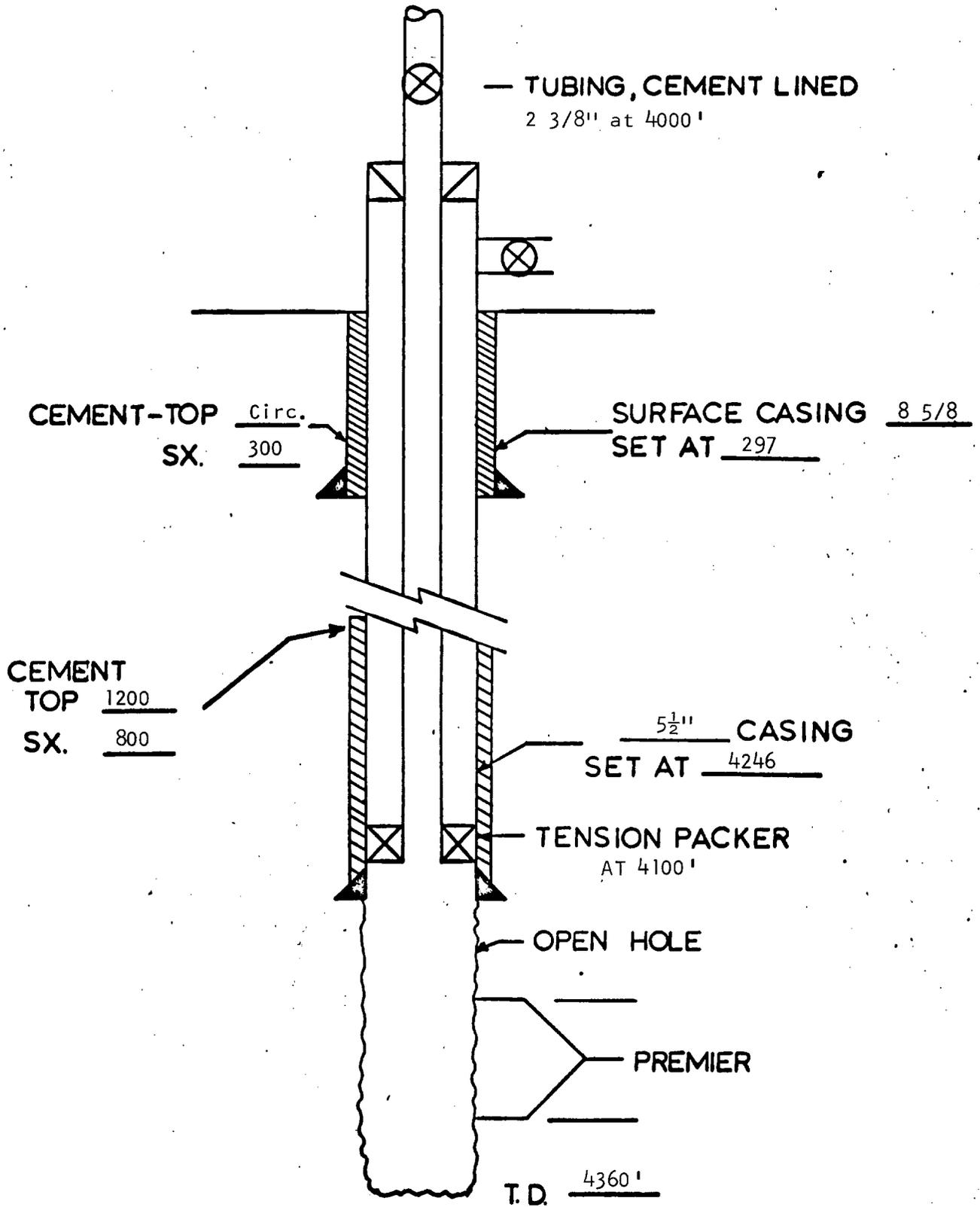
E. Y. Wilder
District Manager

EYW/CDR/ed

Attachments

SEM UNIT
CITIES SERVICE OIL CO.
WATER INJECTION WELL SCHEMATIC

WELL NO. Tract 7 Well 4



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