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OIL CONSERVATION COMM.

BEFORE THE OIL CONSERVATION COMMISSION

OF NEW MEXICO

IN THE MATTER OF THE APPLICATION
OF JACK L. McLELLAN FOR APPROVAL
OF A WATERFLOOD PROJECT, CHAVES
COUNTY, NEW MEXICO

Case 4610

A P P L I C A T I O N

Comes now Jack L. McClellan and applies to the Oil
Conservation Commission of New Mexico for approval of a water-
flood project in the Sulimar-Queen Oil Pool, Chaves County,
New Mexico, and in support thereof would show the Commission:

1. Applicant is the operator of wells located in the
Sulimar-Queen Oil Pool, including wells in the following
described acreage:

Township 15 South, Range 29 East, N.M.P.M.

Section 13 - SW/4, SE/4	320
Section 23 - E/2 SE/4	80
Section 24 - All	40
Section 25 - N/2 NW/4, SW/4 NW/4,	120
Section 26 - NE/4, N/2 SE/4	240

Township 15 South, Range 30 East, N.M.P.M.

Section 18 - W/2 SW/4	80
Section 19 - NW/4 NW/4	40

*1160
240
1400
120
1520*

2. Wells in the area have reached an advanced stage of
depletion, and the injection of water will result in the re-
covery of oil that would not otherwise be recovered.

3. Applicant will submit a list of proposed injection
wells and their location prior to the hearing on this appli-
cation.

4. Injection will be into the Queen formation of the
Sulimar-Queen Pool.

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WHEREFORE applicant prays that this application be set for hearing before the Commission or the Commission's duly appointed examiner, and that after notice and hearing as required by law the Commission enter its order approving the waterflood project as applied for.

Respectfully submitted,

JACK L. McCLELLAN

By *Jaron W. Kellahin*
KELLAHIN & FOX
P.O. Box 1769
Santa Fe, New Mexico 87501

Attorneys for Applicant

JASON W. KELLAHIN
ROBERT E. FOX

KELLAHIN AND FOX
ATTORNEYS AT LAW
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SANTA FE, NEW MEXICO 87501

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TELEPHONE 982-4315
AREA CODE 505

October 4, 1971

OIL CONSERVATION COMM.
SANTA FE

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

*Sub
file - Case
4610*

Re: Application of Jack L. McClellan for a waterflood
Project, Sulimar-Queen Pool, Chaves County, New Mexico

Gentlemen:

In connection with the above application, the water injection well locations were not available at the time the application was filed, nor were the volumes of water to be injected.

Enclosed is copy of a plat showing the project area, location of proposed injection wells and other pertinent information, and a tabulation of information on the proposed water injection wells.

The operator proposes to inject approximately 3,000 barrels of water per day, with a total injection volume throughout the life of the project, an estimated eleven years, of 9.736.000 barrels. Water will be purchased from Double Eagle Corporation, with produced water to be reinjected in later stages of the waterflood project.

If any further information is required prior to the hearing on this case, please let me know.

Yours very truly,

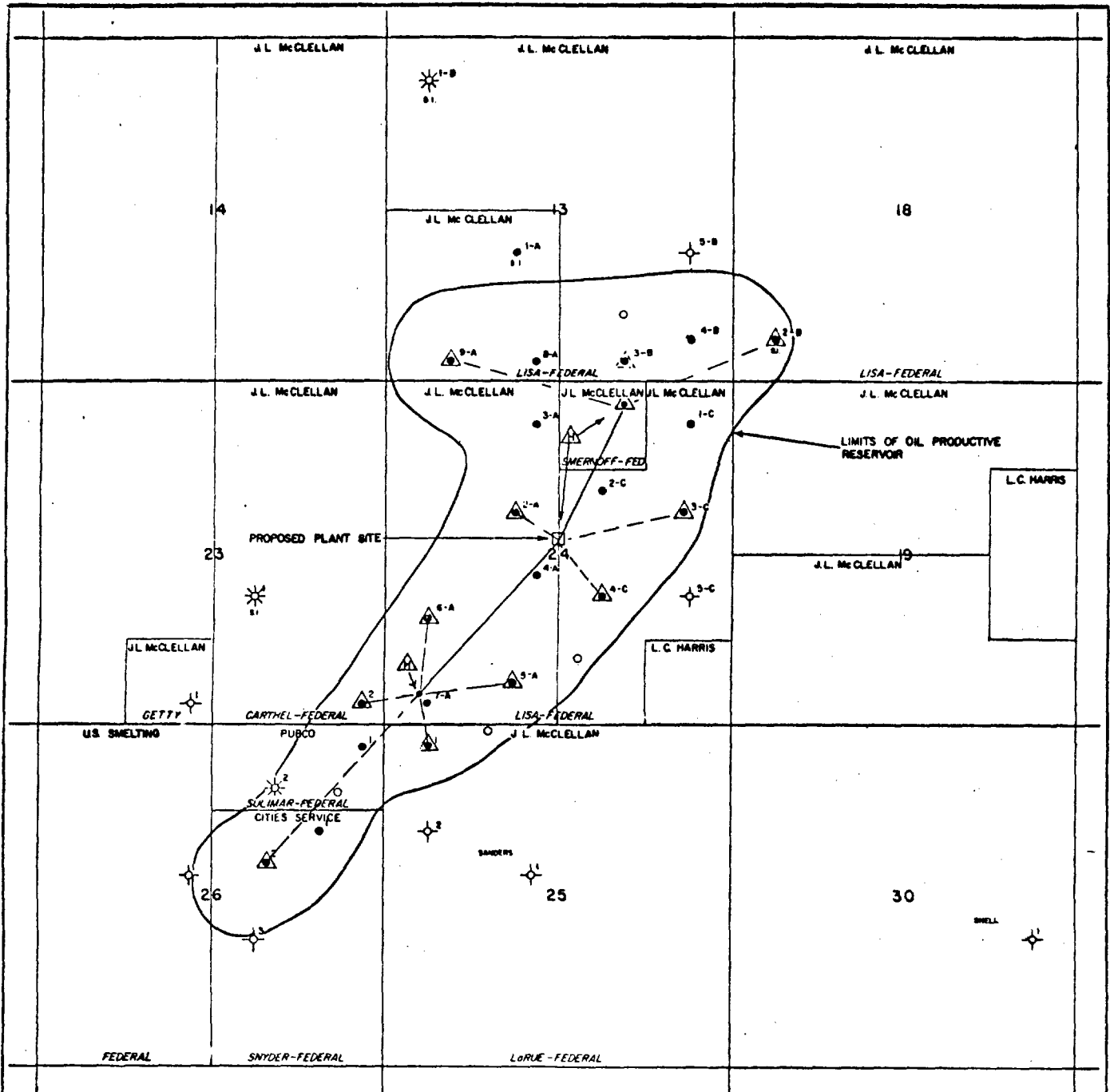
Jason W. Kellahin
Jason W. Kellahin

JWK/sr
Encl. as stated

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OIL CONSERVATION COMM.
OIL CONSERVATION COMM.
SANTA FE



LEGEND

- PRODUCING WELL
- ⊗ PLUGGED AND ABANDONED WELL
- ⊙ DRY HOLE
- ⊙ GAS WELL
- ⊙ SHUT IN
- PROPOSED LOCATION-PRODUCING WELL
- △ PROPOSED LOCATION-WATER INJECTION WELL
- △ PROPOSED WATER INJECTION WELL
- 2" R. 1000' WATER BIL. LINE
- 2 1/2" R. 1000' WATER BIL. LINE
- △ HEADQUARTER LOCATION-WATER BIL. LINE

PRELIMINARY WATERFLOOD SURVEY

JACK L. McCLELLAN

SULIMAR QUEEN FIELD

CHAVES COUNTY, NEW MEXICO

RECOMMENDED WATER FLOOD PROGRAM
FIELD MAP

SCALE



N. M. O. C. C. COPY

SUITE 814
PETROLEUM BUILDING

JACK L. McCLELLAN
GEOLOGIST AND OIL PRODUCER
P. O. BOX 848
ROSWELL, NEW MEXICO 88201

505 622-3200 OFFICE
505 622-4076 HOME

SEPTEMBER 23, 1971

U. S. G. S.
DRAWER U
ARTESIA, NEW MEXICO 88210

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

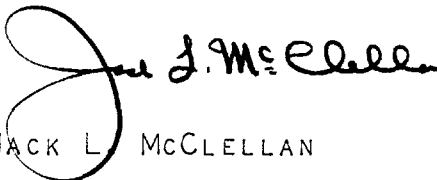
GENTLEMEN:

THIS LETTER IS TO REQUEST PERMISSION TO COMMENCE WATER-FLOODING OPERATIONS ON A LEASE BASIS INVOLVING THE LEASES DESCRIBED ON EXHIBIT "A" ATTACHED HERETO.

IT IS THE PLAN TO COMMENCE INJECTING WATER INTO THE PRODUCING WELLS DESCRIBED ON EXHIBIT "B" ATTACHED HERETO THAT WILL BE CONVERTED TO WATER INJECTION WELLS ON APPROXIMATELY NOVEMBER 1, 1971.

IT IS PLANNED TO CONVERT THE PRODUCING WELLS AS DEPICTED ON EXHIBIT "B", INTO WATER INJECTION WELLS AND INTRODUCE WATER INTO THESE WELLS IN A PATTERN AS DEPICTED ON THE ACCOMPANYING PLAT. ALL OF THESE CONVERSIONS WILL NOT BE MADE IN THE SAME PERIOD OF TIME, BUT WILL BE DONE IN STAGES AS THE WATERFLOOD PROGRESSES.

VERY TRULY YOURS,


JACK L. McCLELLAN

JLMc:LT
ENCL'S.

SEPTEMBER 23, 1971

EXHIBIT "A"

<u>LEASE NAME AND NUMBER</u>	<u>DESCRIPTION</u>
LISA "A" FEDERAL L.C. -069280-A	<u>TOWNSHIP 15 SOUTH, RANGE 29 EAST</u> SEC. 13: $SW\frac{1}{4}$ SEC. 24: $W\frac{1}{2}$ <u>TOWNSHIP 15 SOUTH, RANGE 30 EAST</u> SEC. 19: LOTS 3 & 4, $E\frac{1}{2}SW\frac{1}{4}$, $W\frac{1}{2}SE\frac{1}{4}$, $SE\frac{1}{4}SE\frac{1}{4}$
LISA "B" FEDERAL L.C. -069280-B	<u>TOWNSHIP 15 SOUTH, RANGE 29 EAST</u> SEC. 13: $N\frac{1}{2}$, $SE\frac{1}{4}$ <u>TOWNSHIP 15 SOUTH, RANGE 30 EAST</u> SEC. 18: ALL SEC. 19: LOTS 1 & 2, $E\frac{1}{2}NW\frac{1}{4}$, $SW\frac{1}{4}NE\frac{1}{4}$, $N\frac{1}{2}NE\frac{1}{4}$
LISA "C" FEDERAL L.C. -069280-C	<u>TOWNSHIP 15 SOUTH, RANGE 29 EAST</u> SEC. 24: $S\frac{1}{2}NE\frac{1}{4}$, $NE\frac{1}{4}NE\frac{1}{4}$, $N\frac{1}{2}SE\frac{1}{4}$, $SW\frac{1}{4}SE\frac{1}{4}$
CARTHEL FEDERAL NM-0556543	<u>TOWNSHIP 15 SOUTH, RANGE 29 EAST</u> SEC. 23: $E\frac{1}{2}$
SMERNOFF FEDERAL NM-0558684	<u>TOWNSHIP 15 SOUTH, RANGE 29 EAST</u> SEC. 24: $NW\frac{1}{4}NE\frac{1}{4}$
LARUE FEDERAL NM-0518428	<u>TOWNSHIP 15 SOUTH, RANGE 29 EAST</u> SEC. 25: $N\frac{1}{2}NW\frac{1}{4}$
SULIMAR FEDERAL NM-0458356	<u>TOWNSHIP 15 SOUTH, RANGE 29 EAST</u> SEC. 26: $N\frac{1}{2}NE\frac{1}{4}$
SNYDER FEDERAL NM-0493370-A	<u>TOWNSHIP 15 SOUTH, RANGE 29 EAST</u> SEC. 26: $N\frac{1}{2}SE\frac{1}{4}$

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U. S. GEOLOGICAL SURVEY
ARTERIA, NEW MEXICO

SEPTEMBER 23, 1971

EXHIBIT "B"

EXISTING WELLS (OLD WELL CONVERSIONS)

	<u>WELL</u>	<u>UNIT</u>	<u>SEC.</u>	<u>TWP.</u>	<u>RNG.</u>
(1)	JACK L. McCLELLAN LISA FED. 8-A	N	13	15S	29E
(2)	JACK L. McCLELLAN LISA FED. 4-B	P	13	15S	29E
(3)	JACK L. McCLELLAN Lisa Fed. 2-A	F	24	15S	29E
(4)	JACK L. McCLELLAN LISA FED. 3-C	H	24	15S	29E
(5)	JACK L. McCLELLAN LISA FED. 6-A	L	24	15S	29E
(6)	JACK L. McCLELLAN LISA FED. 4-C	J	24	15S	29E
(7)	JACK L. McCLELLAN LISA FED. 5-A	N	24	15S	29E
(8)	JACK L. McCLELLAN CARTHEL FED. 2	P	23	15S	29E
(9)	JACK L. McCLELLAN LARUE FED. 1	D	25	15S	29E
(10)	CITIES SERVICE SNYDER FED. 2	G	26	15S	29E
(11)	JACK L. McClellan Lisa Fed. 2-A	F	24	15S	29E

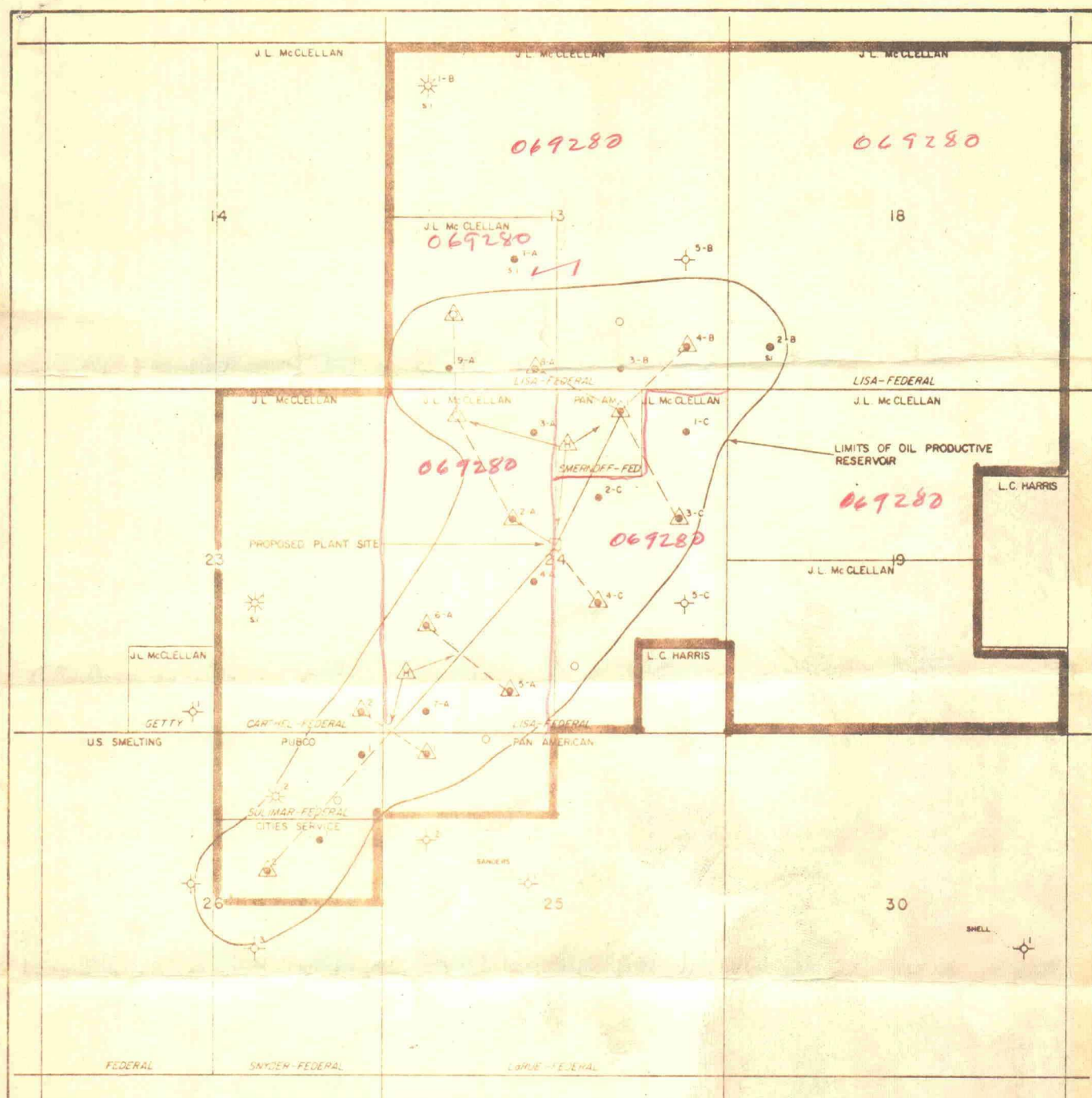
PROPOSED WELLS (NEW WELLS) TO BE DRILLED

(1)	Jack L. McClellan Lisa-Fed. 10-A	M	13	15S	29E
(2)	Jack L. McClellan Lisa-Fed. 11-A	D	24	15S	29E

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO



- LEGEND**
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 △ HEADER LOCATION-WATER INJ. LINES

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JACK L. McCLELLAN
 SULIMAR QUEEN FIELD
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 FIELD MAP

SCALE



