

CONTINENTAL OIL COMPANY

P. O. Box 460  
Hobbs, New Mexico  
March 23, 1967

177A - 259

New Mexico Oil Conservation Commission (3)  
P. O. Box 2088  
Santa Fe, New Mexico

Attention: Mr. A. L. Porter, Jr., Secretary-Director

Re: Continental Oil Company Appli-  
cation for Administrative Approval  
to Convert MCA Unit No. 135 to a  
Water Injection Well in the Maljamar  
Pool

Gentlemen:

Continental Oil Company respectfully requests adminis-  
trative approval, under the provisions of Order No. R-2403, to  
convert MCA Unit No. 135, located 1980 feet from North and West  
lines of Section 30, Township 17 South, Range 33 East, Lea County,  
New Mexico, from a producing well to a water injection well in  
the Maljamar-Grayburg-San Andres Pool. The conversion of this  
well is in conformity with a lease-line agreement with the Cities  
Service Oil Company and consistent with the five-spot injection  
pattern extending across the common boundary of the MCA Unit and  
the Southeast Maljamar (Grayburg-San Andres) Unit.

In support of this request, the following items are  
attached:

1. A plat showing location of the proposed injection  
well, location of all wells within a radius of  
two miles from the injection well, formations  
from which wells are producing or have produced,  
and lessees of record.
2. A log of the proposed injection well - MCA Unit  
No. 135.
3. A diagrammatic sketch of the proposed injection  
well, including casing depths, cement tops, pro-  
ducing interval, and proposed tubing and packer  
setting depth.

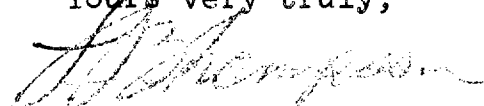
NMOCC  
Page 2

It is proposed to inject approximately 300 BWPD into the well. Water to be injected will be obtained from fresh water wells presently serving the MCA Unit secondary recovery project.

A copy of this letter with attached data is being furnished by certified mail to the State Engineer's Office, P. O. Box 1079, Santa Fe, New Mexico, and to the offset operators.

Your consideration and approval of the proposed conversion of MCA Unit Well No. 135 to water injection is respectfully requested.

Yours very truly,



L. P. THOMPSON

LPT-JS  
Attach

By Certified Mail:

State Engineer  
P. O. Box 1079  
Santa Fe, New Mexico

Cities Service Oil Company  
Attn: Mr. J. E. Embry  
Bartlesville, Oklahoma

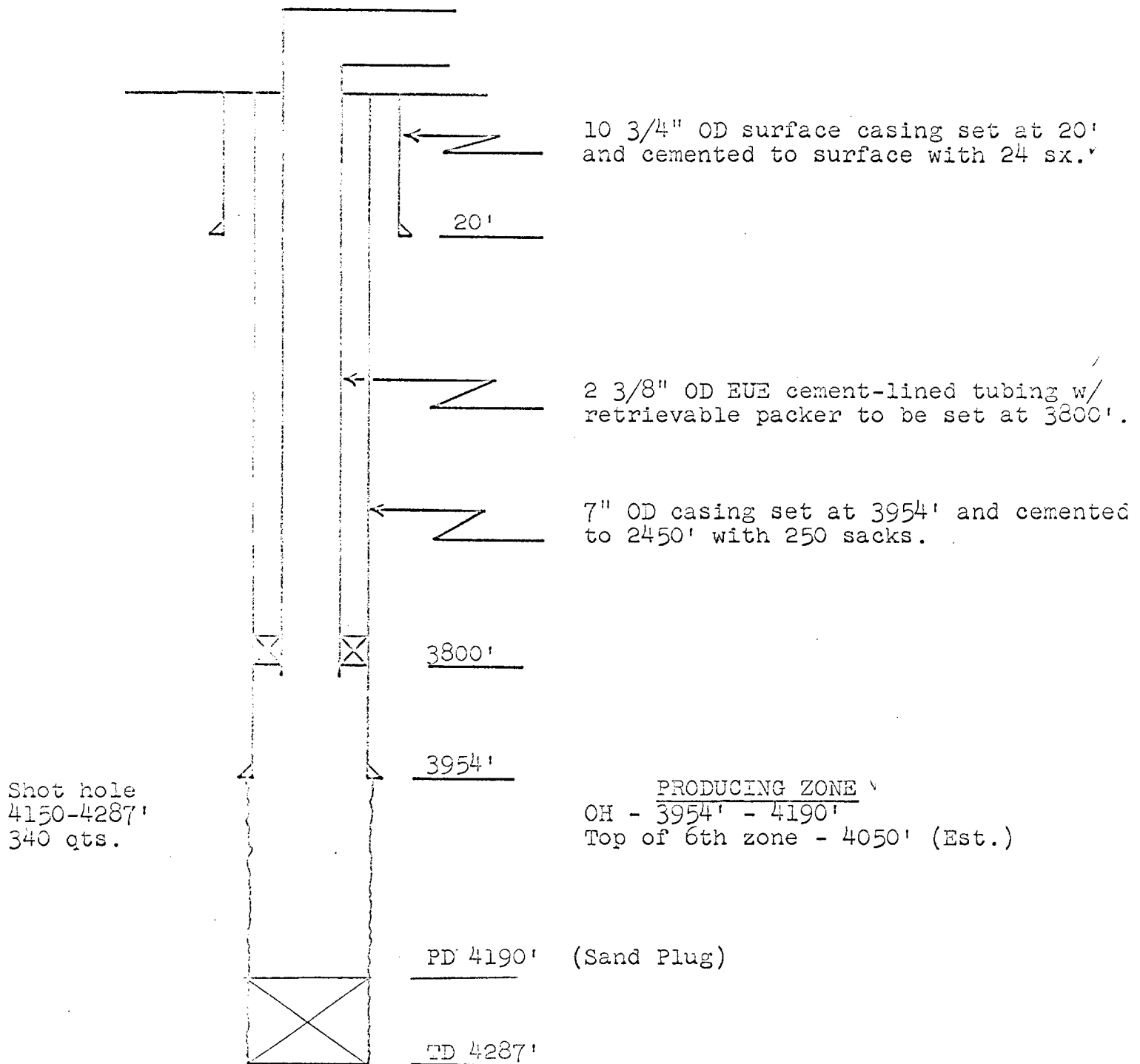
Sinclair Oil and Gas Company  
P. O. Box 521  
Tulsa, Oklahoma

By Regular Mail:

NMOCC-Hobbs USGS-Roswell JWK GW RGP

WATER INJECTION WELL DATA  
MCA UNIT NO. 135

1980' FNL & 1980' FWL - Unit F - Sec. 30-17S-33E  
Elev. GL - 4062'



PROPOSED PROCEDURE

1. Install cement lined injection line.
2. Tag bottom and tally out.
3. Clean out if possible to 4260'.
4. Run cement-lined tubing with packer to be set at 3800'.
5. After injecting water approximately one month, make dummy wire line run to 4260' to check for ledges and fill.

FUTURE WORK

1. Clean out to 4260' if unable to clean out when well converted to injection.
2. Depending upon (5) above, run sufficient tail pipe below packer to allow injection survey to be run to 4260'.
3. Run gamma ray - neutron log when first injection survey run.

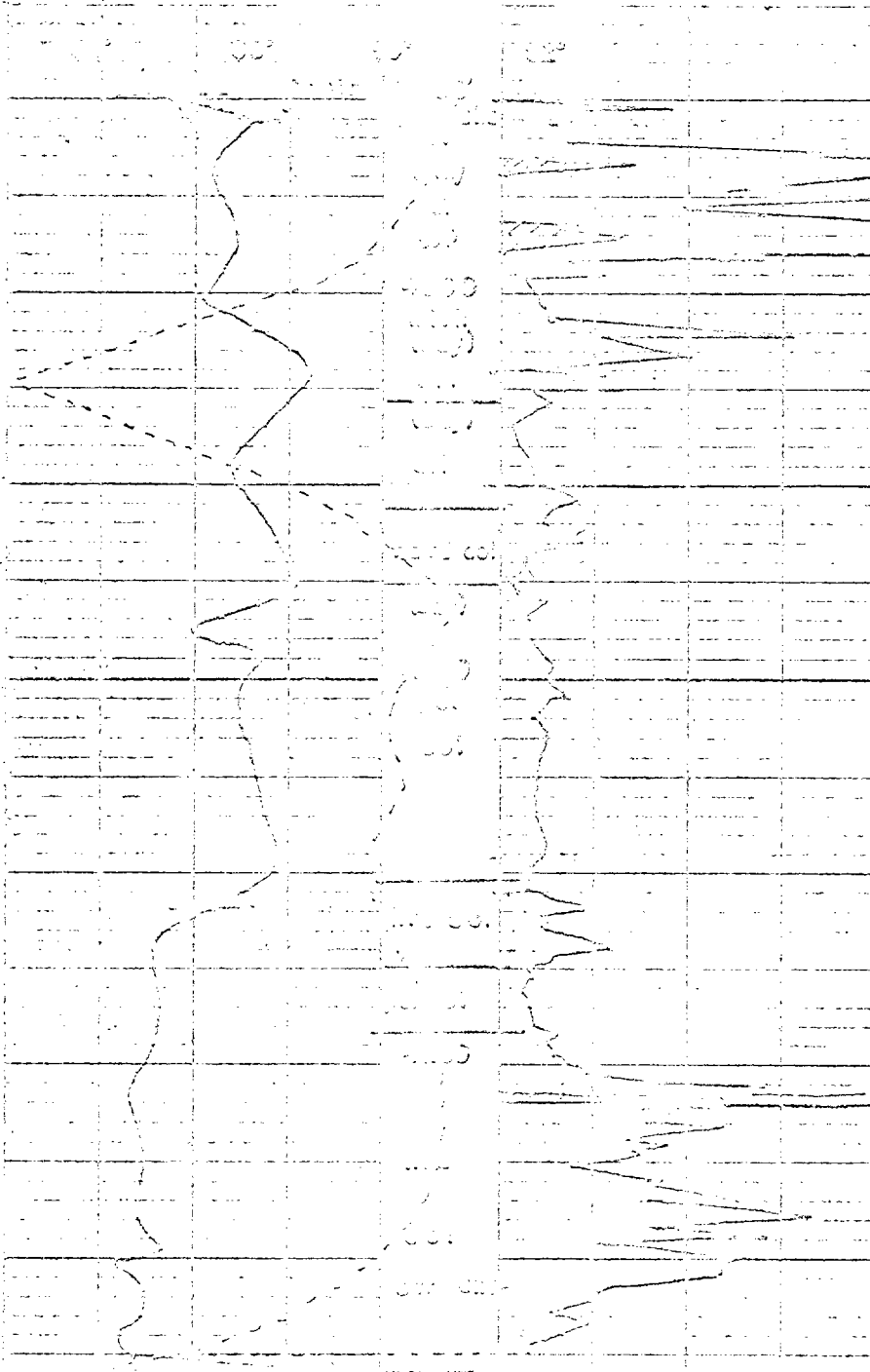
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**ILLEGIBLE**

Log Begins At 3000 End At 5200 P.

### SOLE DIMENSIONS

To To To To





**STATE OF NEW MEXICO**

**STATE ENGINEER OFFICE**

**SANTA FE**

**S. E. REYNOLDS**  
**STATE ENGINEER**

March 27, 1967

ADDRESS CORRESPONDENCE TO:  
STATE CAPITOL  
SANTA FE, NEW MEXICO 87501

Mr. A. L. Porter, Jr.  
Secretary-Director  
Oil Conservation Commission  
Santa Fe, New Mexico

Dear Mr. Porter:

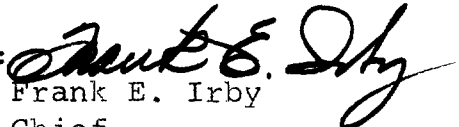
Reference is made to the application of Continental Oil Company which seeks approval to convert their MCA Unit No. 135 to a water injection well.

From the information given in the application and the exhibits attached thereto, it appears that no contamination will result if the packer on the end of the tubing is set well below the top of the cement surrounding the 7 inch casing.

FEI/ma  
cc-Continental Oil Co.  
F. H. Hennighausen

Yours truly,

S. E. Reynolds  
State Engineer

By:   
Frank E. Irby  
Chief  
Water Rights Div.

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