



W F X - 410

L. P. Thompson  
Division Manager  
Production Department  
Hobbs Division

Western Hemisphere Petroleum Division  
Continental Oil Company  
P. O. 460  
1001 North Turner  
Hobbs, New Mexico 88240  
(505) 393-4141

File 3/1/74

February 11, 1974

New Mexico Oil Conservation Commission(3)  
P. O. Box 2088  
Santa Fe, New Mexico 87501

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

Gentlemen:

Application for Expansion of South Eunice Unit Waterflood

Order No. R-4068 authorized the installation and operation of the waterflood project in the South Eunice Pool within the area of the South Eunice Unit the agreement for which was approved by Order No. R-4067. Since those orders were entered a Lease Line Agreement has been negotiated between the South Eunice Unit, the Seven Rivers Queen Unit, operated by Atlantic Richfield Company, and Texas Pacific Oil Company for cooperative waterflooding across common boundaries. This agreement called for the substitution of Well No. 62 located in Unit O Section 33 in place of Well No. 63 which is located in Unit N of said Section 33.

In addition, Continental has drilled and completed for water injection Wells Nos. 64 and 65 located in Unit A of Section 33 and O of Section 28, respectively. The proposed injection wells are shown with the red triangles on the attached plat. We also attach schematic diagrams to show the manner in which each of the wells will be equipped for injection. The annulus above the packer will be filled with inert fluid and the surface connections equipped so that pressure will be readily detected.

It is respectfully requested that authority be given to inject water into Wells 62, 64 and 65 as described above.

Yours very truly,

VLT:reh

Enc

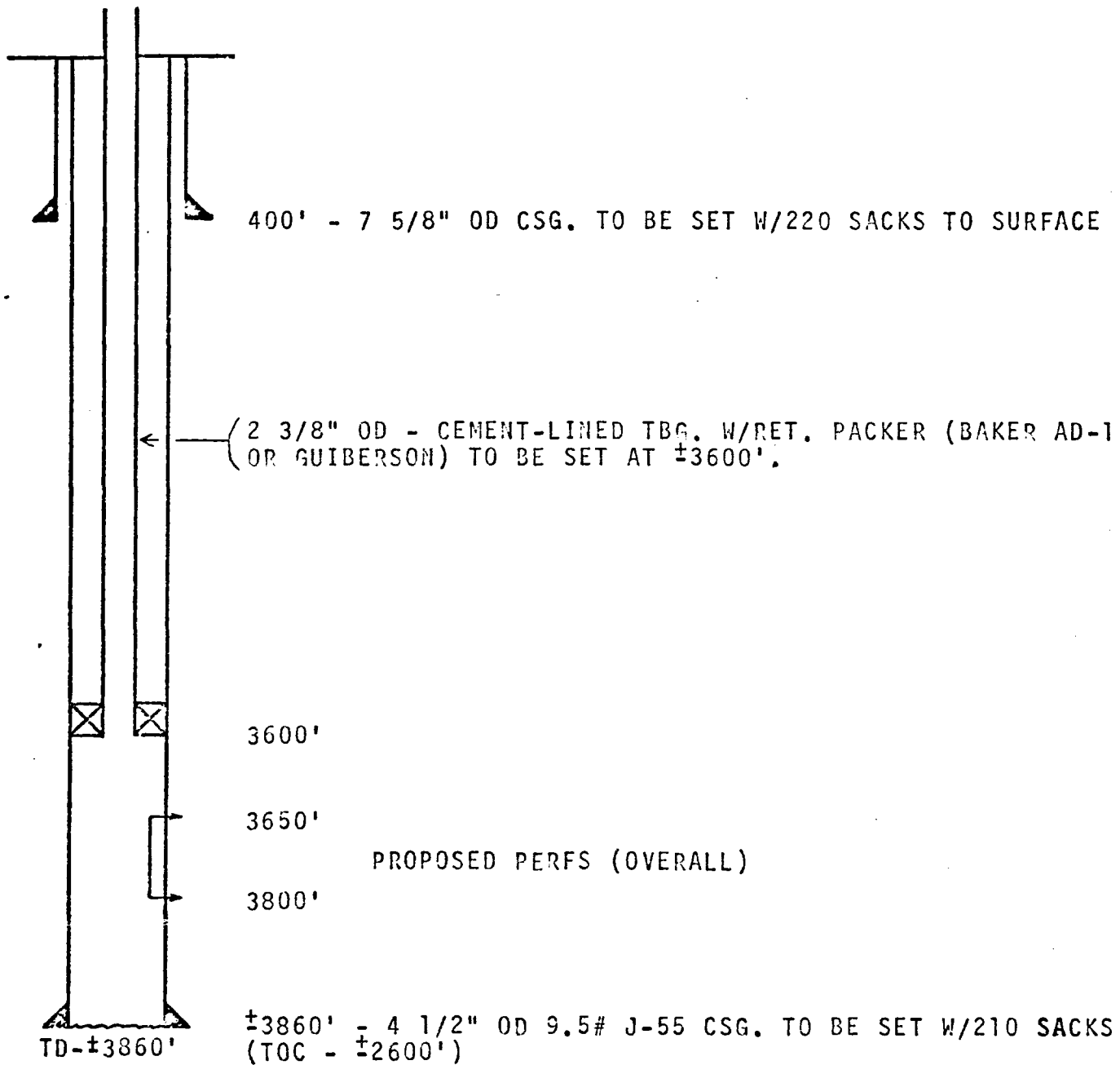
CC:

Texas Pacific Oil Company  
P. O. Box 1069  
Hobbs, New Mexico 88240

Atlantic Richfield Company  
P. O. Box 1710  
Hobbs, New Mexico 88240

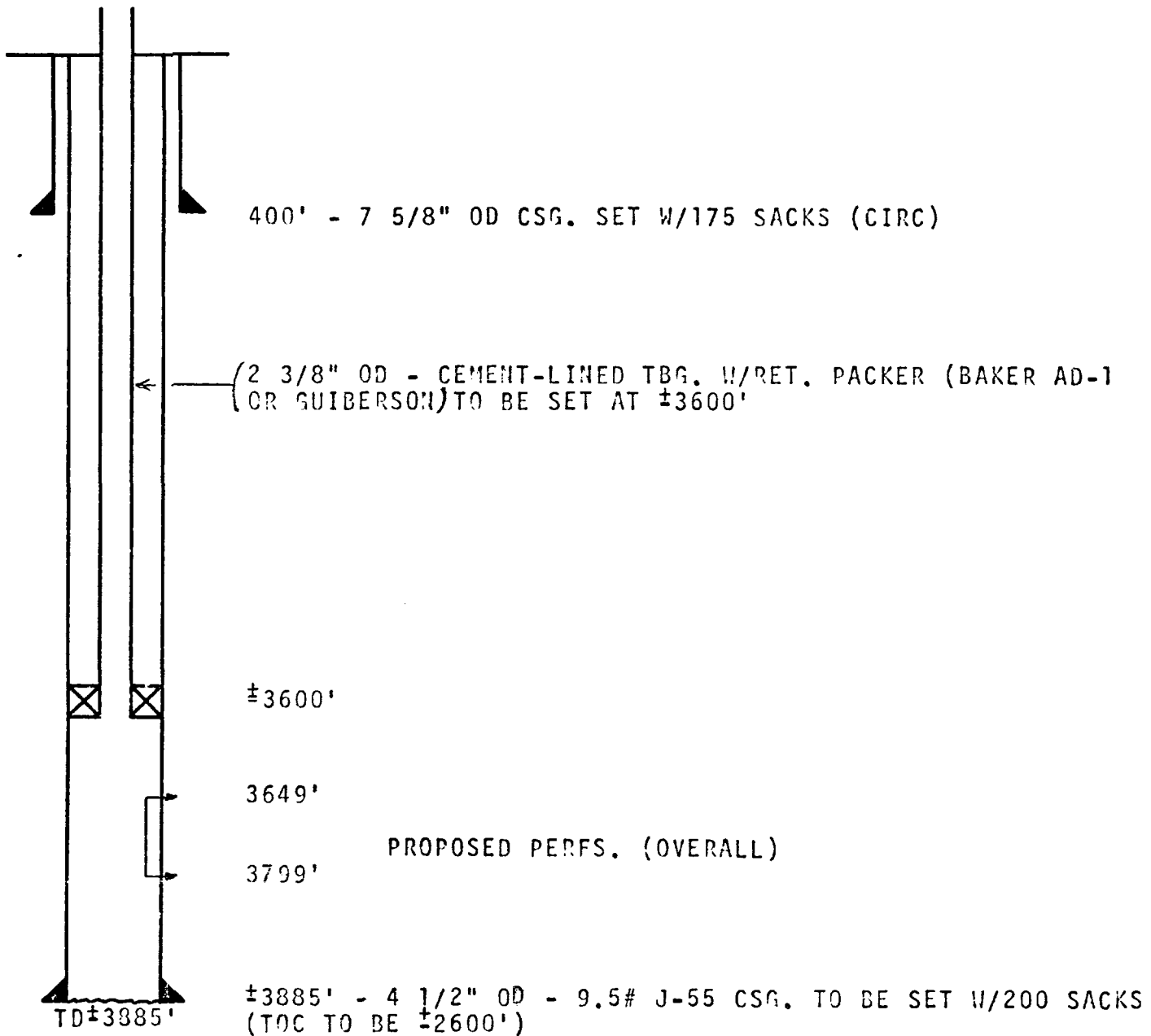
RLA: WER: JWK

SEU NO. 64  
UNIT "A" - 660' FNL & 660' FEL  
SECTION 33, T-22S, R-36E  
LEA COUNTY, NEW MEXICO



CONTINENTAL OIL COMPANY  
PROPOSED WATER INJECTION WELL  
SEU WATERFLOOD

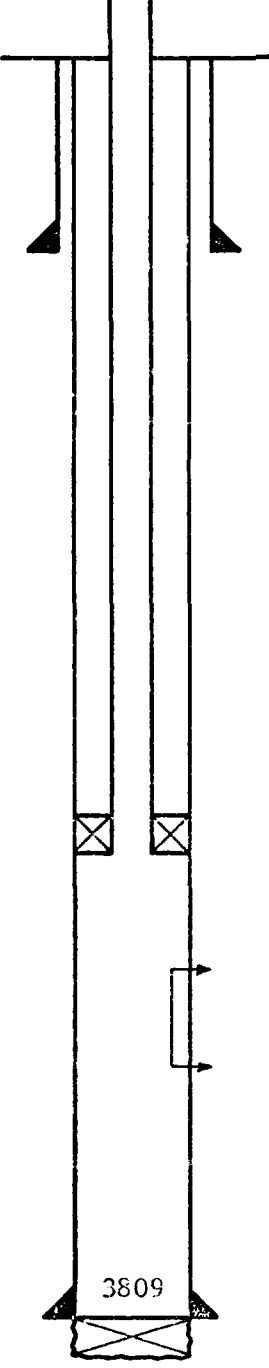
SEU NO. 65  
UNIT "0" - 660' FSL, 1980' FEL  
SECTION 28, T-22S, R-36E  
Lea County, N. H.



CONTINENTAL OIL COMPANY  
PROPOSED WATER INJECTION WELL  
SEU WATERFLOOD

SOUTH EUNICE UNIT NO. 62  
Unit 0 - 660' FSL & 1980'  
FEL - SEC. 33 T22S R36E  
LEA COUNTY, NEW MEXICO

ELEV. 3491' - 5 1/2" CSG FLANGE  
- 3502' DF



382' 8 5/8" OD CSG SET W/275 SACKS (CIRC)

2 3/8" OD CMT-LINED TUBING W/RET. PACKER (BAKER OR GUIBERSON) TO BE  
SET AT  $\pm$  3600'

$\pm$  3600

3658

PERF: 3658-68, 3675-92,  
3717-24, 3730-49,  
3778 3768-78

3778

3809

3809' - 5 1/2" OD 14# CSG SET W/350 SACKS (TOC - 1375')

TD 3810'

CONTINENTAL OIL COMPANY  
PROPOSED WATER INJECTION WELL  
SOUTH EUNICE WATERFLOOD

