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

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

Gentlemen:

Application for Authority to Expand MCA Unit Waterflood Project - Maljamar  
(G-SA) Pool, Lea County, New Mexico

Continental Oil Company hereby requests authority to recomplate its Mitchell B Well No. 16 as an injection well in the sixth zone of the Maljamar (G-SA) Pool in order to increase waterflood efficiency. This well, upon recompletion, will be redesignated MCA Unit Well No. 303 and is located 1980' from the south line and 1830' from the east line of Section 20, Township 17 South, Range 32 East, Lea County, New Mexico, a twin well to MCA Unit Well No. 65. The attached plat shows the proposed injection well and the immediately surrounding wells. You will note that this well is more than  $\frac{1}{2}$  mile from the nearest non-unit acreage.

A schematic diagram is attached showing the manner in which the well is proposed to be equipped for injection. The annular space between tubing and casing, above the packer, will be filled with an inert fluid and surface connections will be arranged so that pressure in this space will be readily detectable.

The attached log shows the interval into which injection is proposed.

Since there are no offset operators it is respectfully requested that immediate approval of this proposed expansion be granted.

Yours very truly,

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Enc

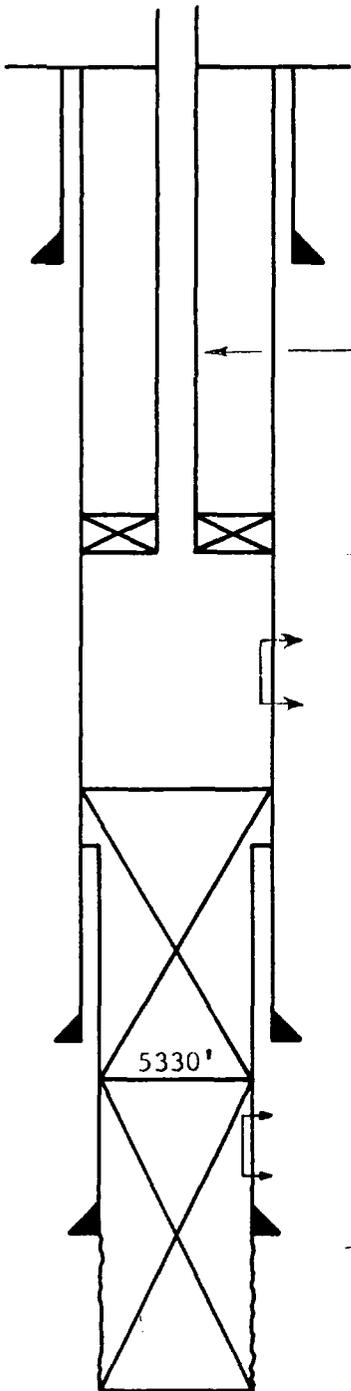
Copies + Enc:

R. L. Adams, G. A. Donaldson, Houston  
J. W. Kellahin, Santa Fe

WFL-402

10/1/5

MCA UNIT NO. 303  
 UNIT J  
 1980' FSL & 1830' FEL  
 SECTION 20 T17S R32E  
 LEA COUNTY, NEW MEXICO  
 ELEV: 3998' GL  
 4018' KB



444' - 13 3/8" OD - 48# CSG SET W/350 SACKS (CIRC)

← 2 3/8" OD CEMENT LINED TUBING W/RETRIEVABLE PACKER TO BE SET AT ± 3660'

3660'

3730' PROPOSED GRAYBURG (6TH ZONE) PERFS: 3730, 34, 38, 42, 46  
 3750, 54 and 3758'

± 4400' PROPOSED P.D. - SET CEMENT RETAINER AND SQUEEZE W/100 SX.  
± 4600'

4740' - 9 5/8" OD 36# & 40# CSG SET W/2300 SACKS (CIRC)

5366'

5506' PADDOCK - TESTED AND SQUEEZED

5578' - 7" OD 20# & 23# CSG SET W/138 SX (TOC - 4775')  
 TO BE CUT AND PULLED FROM ± 4600'

T.D. - 13,965'

MCA UNIT NO. 303  
(Formerly William Mitchell B No. 16)  
1980' from South Line and  
1830' from the East Line of  
Section 20, T17S, R32E,  
Lea County, New Mexico.

