



# CONTINENTAL OIL COMPANY

P. O. Box 460

HOBBS, NEW MEXICO 88240

December 22, 1967

1001 NORTH TURNER  
TELEPHONE 393-4141

PRODUCTION DEPARTMENT  
HOBBS DIVISION  
L. P. THOMPSON  
Division Manager  
G. C. JAMIESON  
Assistant Division Manager

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

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

Re: Application to Dual Complete  
State "O" No. 1 - F-16-17-32,  
Lea County, New Mexico

Gentlemen:

Forwarded herewith is application in duplicate for authority to effect a Maljamar Queen - Maljamar G-SA water injection dual completion in our State "O" Well No. 1 located in Unit F, Section 16, 17S, 32E, Lea County, New Mexico. We should appreciate your giving this administrative approval if this is possible under your rules. If not, please set the matter for hearing at your earliest Examiner Hearing.

Two copies of this application are being furnished your Hobbs District office and a copy is being furnished by certified mail to the only offset operator.

Please note that this is one of the injection wells included in our application to expand the MCA Waterflood Project being filed concurrently. The well is to be deepened and the log will be run and furnished at that time.

Yours very truly,

V. T. EYON  
Supervising Conservation  
Engineer

VTL-JS

cc: E. C. Donohue (Certified)  
—NMOCC-Hobbs  
RLA JWK JJB

## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

## APPLICATION FOR MULTIPLE COMPLETION

Operator Continental Oil Company		County Lea	Date December 22, 1967
Address P. O. Box 460 Hobbs, N. M.		Lease State "O"	Well No. 1
Location Unit F	Section 16	Township 17S	Range 32E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO   

2. If answer is yes, identify one such instance: Order No. R-1318; Operator, Lease, and Well No.: MCA No. 111  
(formerly E. G. Woods Federal-Simon No. 1)

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Maljamar-Queen		Maljamar Grayburg
b. Top and Bottom of Pay Section (Perforations)	3140-3160		San Andres Proposed Perf. 3700-4050 (overall)
c. Type of production (Oil or Gas)	Gas		Water injection
d. Method of Production (Flowing or Artificial Lift)	F		

4. The following are attached. (Please mark YES or NO)

Yes a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.

Yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

Yes c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*

No d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

E. C. Donohue Estate, Drawer 1372, El Paso, Texas 79948

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO   . If answer is yes, give date of such notification December 22, 1967.

Supervising Conservation  
Engineer

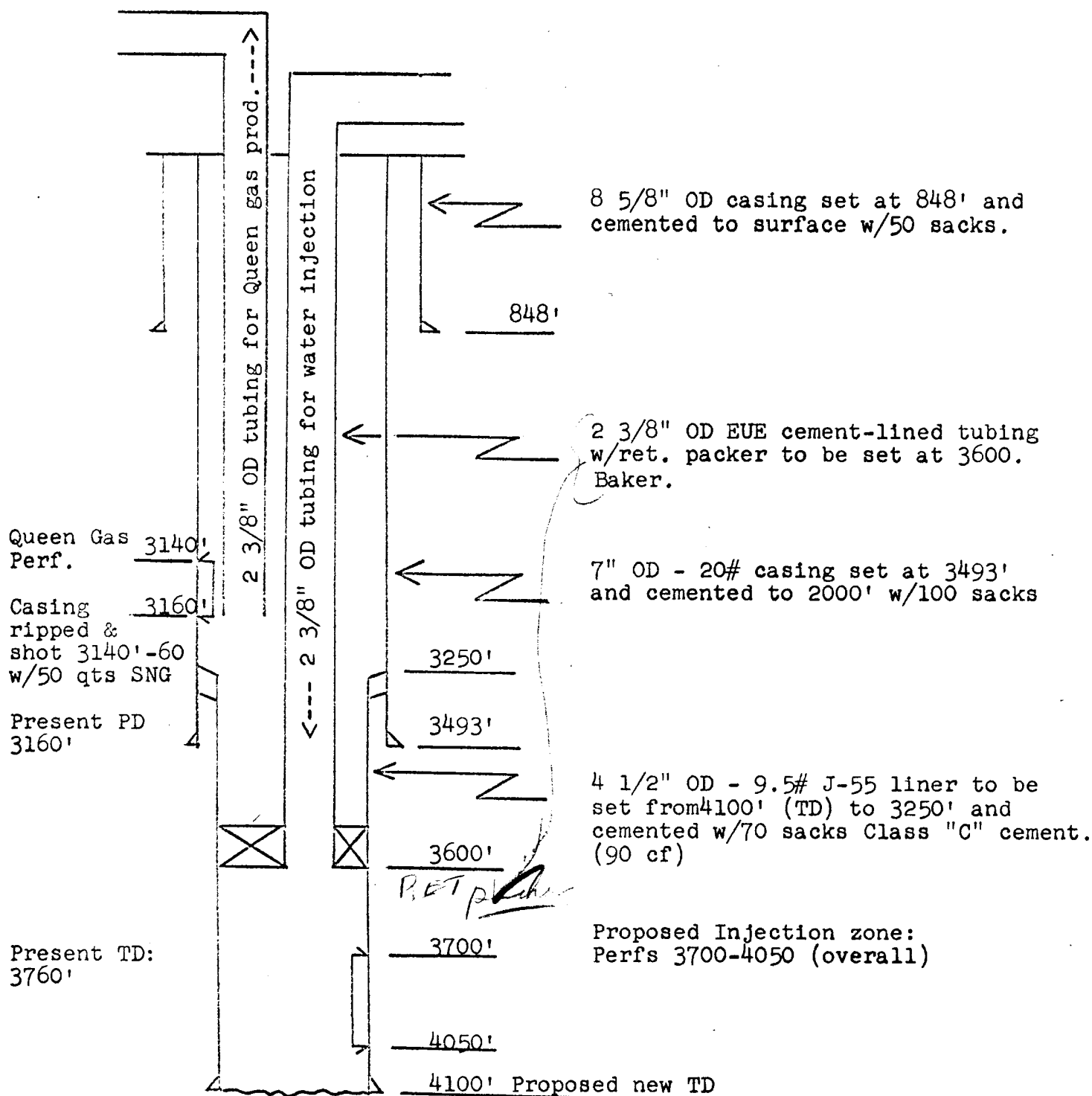
CERTIFICATE: I, the undersigned, state that I am the Engineer of the Continental Oil Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

\* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed.

WATER INJECTION WELL DATA  
 State "O" No. 1  
 (Queen Gas Well)  
 Unit F - 1980' FNL & 1980' FWL Sec. 16-17S-32E  
 Elev. DF - 4065'



Proposed Procedure

1. Kill well with oil.
2. Rig up to drill w/gas.
3. Drill to new TD of 4100'. Load hole with oil.
4. Run gamma ray-neutron log w/caliper 4100 (TD) to 3100'.
5. Run 850' of 4 1/2" OD 9.5# J-55 as liner and set from 3250' to 4100'. Cement w/70 sx Class "C" cement (as determined from caliper survey)
6. Perf selected intervals and treat w/20,000# 20,000 gal sand-water frac w/400# Guar 500# ADOMITE AQUA and 20 gal ADOMITE ADOMALL. Swab back load for 8 hours.
7. Run tubing with packer to be set at 3600' for water injection.
8. Run tubing to be set at 3150' for gas production. Swab in gas.

