

C O N T I N E N T A L O I L C O M P A N Y

P. O. Box 460
Hobbs, New Mexico

January 15, 1969

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

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

Re: Administrative Order WFX
No. 292 - MCA Unit Waterflood,
Lea County, New Mexico

Gentlemen:

Administrative Order WFX 292 dated August 12, 1968 authorized the conversion of 32 additional wells for water injection purposes. Our application proposed the re-entry into the abandoned Dunigan Miller No. 1 located 330 feet from the south line, and 2310 feet from the west line of Section 26, T17S, R32E, which well was to be redesignated MCA No. 249. There are two wells which have been abandoned in Unit N of Section 26. After reviewing the data on both wells, it has been decided that the other well, Miller "A" No. 3, located 660 feet from the south line and 1980 feet from the west line, could be re-entered and completed at a lesser cost than the Dunigan well. Attached hereto is a plat showing the revised location of MCA Unit No. 249 due to the substitution of wells. Also attached is a schematic diagram showing the size and setting depths of casing, tubing and packer which is as follows:

8 5/8" surface casing set at 31' and cemented to surface with 13 sacks.

5 1/2" casing set at 3802' and cemented to 3000' with 100 sacks.

2 3/8" cement-lined tubing to be set on a packer at 3750.

It is proposed to inject into the open hole interval 3802-4358.

Carbon copies of this application are being furnished by certified mail to the offset operators. It is respectfully requested that Continental Oil Company be authorized to substitute the Miller "A" No. 3 well for the Dunigan Miller No. 1 as the MCA Unit No. 249, authorized for water injection by Order No. WFX 292.

Yours very truly,



L. P. THOMPSON
Division Manager

VTL-JS
Copies with attach:
NMOCC-Hobbs
USGS-Roswell
USGS-Hobbs

JWK RLA JJB

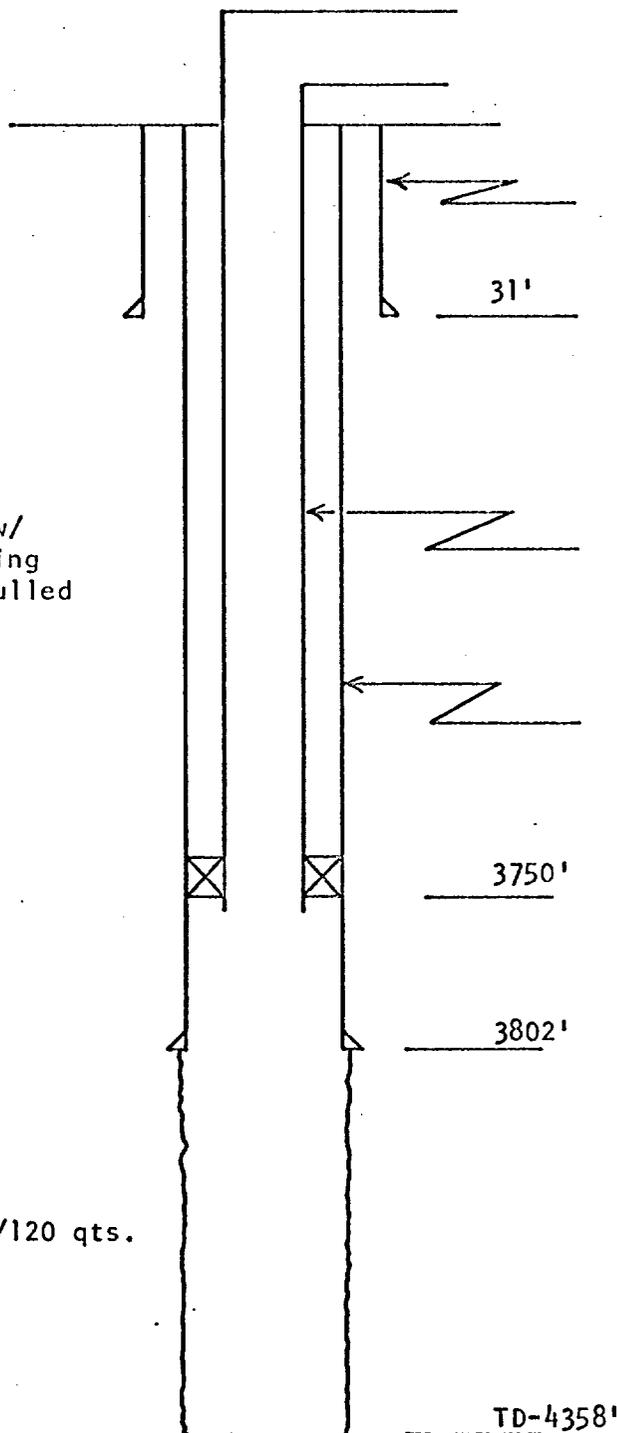
Copies by certified mail with attach:

Fair Oil Company
P. O. Box 689
Tyler, Texas 75701

LaRue and Muncy
P. O. Box 196
Artesia, New Mexico

Copies without attach to Working Interest Owners

MCA UNIT NO. 249 (Miller "A" No. 3)
 Unit N - 660' FSL and 1980' FWL - Sec. 26
 T17S-R32E
 Elev - 3948' DF



8 5/8" OD casing set at 31' and cemented to surface w/13 sacks.

2 3/8" OD EUE cement-lined tubing w/ ret. packer to be set at 3750'

5 1/2" OD casing set at 3802' and cemented to 3000' w/100 sacks.

INJECTION ZONE

3802'-4358' - OH

OH SHOT

4146'-4200' w/120 qts.

PROPOSED PROCEDURE

1. Drill out plugs to 580' - Run 580' - 5 1/2" OD casing with casing bowl and tie-in to cut off casing. Drill and clean out to 4325'.
2. Run gamma ray - neutron log w/caliper from 4325' to 3100'.
3. Run tubing w/packer and 550' tailpipe to 4300' - spot mud acid over open hole - set packer and treat open hole with total of 2000 gallons mud acid. Swab back load water. Max. of 4 hours.
4. Pull 550-600' tubing, make wireline dummy run to determine if injection survey tools can be run through shot hole. Pull remaining tubing, packer and tail pipe.
5. Run cement-lined 2 3/8" OD EUE tubing with retainer packer to be set at 3750' (Run 2" fiber glass tailpipe to 4300' if required, bull plug and drill 16 1/2" holes over bottom 4'). Hook-up and commence injection.