

NEIL B. WATSON  
FRED A. WATSON

LAW OFFICES  
WATSON & WATSON  
CARPER BUILDING - P. O. BOX 606  
ARTESIA, NEW MEXICO

TELEPHONE  
SHERWOOD 6-4151

March 20, 1964

1964 MAR 23 AM 7 57

New Mexico Oil Conservation Commission,  
State Land Office Building,  
Santa Fe, New Mexico.

Attention: Mr. Daniel S. Nutter

Dear Mr. Nutter:

Re: Queen Water Flood Project in the Turkey  
Track Field, Eddy County, New Mexico,  
operated by R. C. Davoust Company.

The pilot flood in the captioned project was authorized by Order No. R-1524 in Case No. 1761, with the wells for injection of water into the Queen Formation being 1-W, 1320 feet from the North Line and 1320 feet from the West Line of Section 34, Township 18 South, Range 29 East, N.M.P.M.; 2-W, 1320 feet from the North Line and 2640 feet from the West Line of said Section 34; 3-W, 2640 feet from the North Line and 1320 feet from the West Line of said Section 34; and 4-W, 2640 feet from the North Line and 2640 feet from the West Line of said Section 34. At the time of the hearing, casing program was submitted showing wells completed with tubing and packers, and the wells were completed in accordance therewith.

Subsequently, Administrative Order WFX No. 96 allowed expansion of the project with two additional water injection wells, being No. 5-W, 1325 feet from the West Line and 1325 feet from the South Line, and 6-W, 2645 feet from the West Line and 1325 feet from the South Line, both in said Section 34. These wells were authorized to be completed by setting the surface string into the salt and cementing to the surface and by carrying the production string down to the Queen Sand and then cementing back to 1500 feet.

Recently, Administrative Order WFX No. 166 authorized further expansion through injection well 7-W, in SE $\frac{1}{4}$ SW $\frac{1}{4}$  and injection well 8-W, in SW $\frac{1}{4}$ SE $\frac{1}{4}$ , both in said Section 34. As in the case of Wells 1-W through 4-W, inclusive, Wells 7-W and 8-W were to be completed with tubing and packers.

Finally, in Case 3010, Order No. R-2671 has authorized the injection of water into the Queen Formation through Well No. 9-W in said Section 34 and through Wells 10-W through 19-W, inclusive, in Section 3, Township 19 South, Range 29 East, N.M.P.M., and said wells 9-W through 19-W are to be equipped in the same manner as Wells 5-W and 6-W; that is, by setting the surface string 15 feet into the salt and cementing to the surface and by setting the production string to the Queen Sand and cementing back to 1500 feet.

R. C. Davoust, as successor operator to Stanton Oil Company, Ltd., hereby requests an amendment by Administrative Order on the well casing requirements of Wells 1-W through 4-W, inclusive, and Wells 7-W and 8-W, so that the casing and completion requirements for said wells shall be identical with the casing and completion requirements authorized and prescribed for Wells 5-W and 6-W and Wells 9-W through 19-W, inclusive.

A carbon copy of this letter is being sent to Mr. Frank Irby, and we will sincerely appreciate your consideration on this request for amendment by Administrative Order.

Respectfully submitted,

WATSON & WATSON

By

Fred A. Watson

Attorneys for R. C. Davoust

FAM:ujb

Page No. 2

cc: Mr. Frank Inby, Chief,  
Water Right Division,  
Office of the State Engineer,  
P. O. Box 1079,  
Santa Fe, New Mexico.

Mr. William E. Fickert,  
Ryder Scott Company,  
306 Wilkinson-Foster Building,  
Midland, Texas.

Mr. Richard O. Davoust,  
P. O. Box 266,  
Evansville, Indiana.

1  
MAIN OFFICE OCC

1964 MAR 23 AM 7:57