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O. C. D.  
ARTESIA, OFFICE



**Southland Royalty Company**

January 16, 1980

Oil Conservation Division  
Energy & Minerals Dept.  
Drawer DD  
Artesia, New Mexico 88210

Attention: Mr. W. A. Gressett

Gentlemen:

Southland Royalty requests that the vertical limits of the Angell Ranch Morrow pool be increased to include the Atoka section. We recently completed the State G Comm. No. 1, located in Unit Letter E, Section 24, T-19-S, R-27-E. Based on the nomenclature committee cross-sections, we have one set of perforations in the Atoka Lime section and the remainder of the perforations in the Morrow Lime and Morrow Sand section.

The subject well appears to be a very poor producer having a CAOF of only 312 MCFPD. Based on our evaluation of the logs on this well, the Lime section that was perforated in the Atoka is probably not contributing any significant quantity of gas. Because of the marginal nature of this well, it would not be economically feasible for Southland to squeeze off the Atoka perforations. In order to continue producing this well, it is recommended that the upper limits of the Morrow pool be increased to include the Atoka section.

Yours very truly,

C. Harvey Carr  
District Engineer

DRC:cn

R-6274  
3-1-80