



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
ARTESIA DISTRICT OFFICE

BRUCE KING  
GOVERNOR

LARRY KEHOE  
SECRETARY

March 11, 1982

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ARTESIA, NEW MEXICO 88210  
(505) 748-1283

Gulf Oil Corporation  
P. O. Box 670  
Hobbs, NM 88240

Re: See Attachment

Gentlemen:

There has arisen a need to study the Diamond Mound-Atoka and Morrow gas pools. The reasoning being:

- (1) Complexities in correlation due to the depositional surface and nature of the reservoir.
- (2) Splitting of production history into two pool names based on existing correlations.
- (3) Potential commingling difficulties.
- (4) Operators disagreement on the Morrow and Atoka formation tops.

A feasible solution is:

- (1) Abolish the Diamond Mound-Morrow gas pool.
- (2) Extend the Diamond Mound-Atoka gas pool to include the acreage of said abolished pool.
- (3) Extend the vertical limits of the Diamond Mound-Atoka gas pool to include the Morrow formation. Rename said pool to the Diamond Mound-Atoka/Morrow gas pool.

If you have any questions regarding this matter feel free to contact me at this office.

Sincerely,

*Larry Brooks*  
Larry Brooks  
Geologist

LB:jw

Callaway Federal	#1-L,	6-16S-28E	<del>Diamond Mound-Atoka Pool</del>
Callaway Federal	#2-J,	6-16S-28E	Diamond Mound-Morrow Pool
Callaway Federal	#3-S,	6-16S-28E	Diamond Mound-Morrow Pool