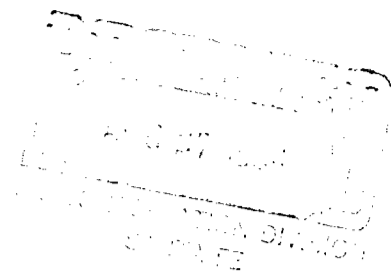


STATE OF NEW MEXICO  
ENERGY and MINERALS DEPARTMENT  
Oil Conservation Division



In the Matter of the Hearing  
called by the Oil Conservation  
Division for the Purpose of  
considering:

Case No. 8339

Order No. A-7668

The Application of the Oil Conservation  
Division upon its own motion for an order  
creating, assigning discovery allowables,  
abolishing, contracting and extending  
certain existing pools in Eddy County,  
New Mexico.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at \_\_\_\_\_ am, September 5, 1984, at  
Santa Fe, New Mexico before Examiner \_\_\_\_\_.

Now, on this \_\_\_\_\_ day of September, 1984, the Division Director  
having considered the testimony, the record, the recommendations of the examiner  
and being fully advised in the premises,

FINDS:

- (1.) That due public notice having been given as required by law, the Division has jurisdiction of this cause and subject matter thereof.
- (2.) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation. Said pool to bear the designation of Benson-Bone Spring Pool. Said Benson-Bone Spring Pool was discovered by the Great Western Drilling Company, Mable Hale Federal #2 well, located in Unit C of Section 11, Township 19 South, Range 30 East, NMPM. It was completed May 15, 1984, in the Bone Spring formation. The top of the perforations is at 8398 feet.
- (3.) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation. Said pool to bear the designation of N.E. Fenton-Bone Spring Pool. Said N.E. Fenton-Bone Spring Pool was discovered by Ammex Production Inc., Big Eddy Unit Well #103, located in Unit N of Section 10, Township 21 South, Range 28 East, NMPM. It was completed June 9, 1984, in the Bone Spring formation. The top of the perforations is at 6276 feet.
- (4.) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Atoka formation. Said pool to bear the designation of Four Mile Draw-Atoka Gas Pool. Said Four Mile Draw-Atoka Gas Pool was discovered by the Robert Enfield, Walters #1 well, located in Unit B of Section 7, Township 19 South, Range 27 East, NMPM. It was completed September 18, 1983, in the Atoka formation. The top of perforations is at 9310 feet.
- (5.) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Delaware formation. Said pool to bear the designation of East Indian Draw-Delaware Pool. Said East Indian Draw-Delaware pool was discovered by the Perry R. Bass, Bass 10 Federal #1 well, located in Unit C of Section 10, Township 22 South, Range 28 East, NMPM. It was completed June 22, 1984 in the Delaware formation. The top of perforations is at 3722 feet.

- (6.) That there is need for certain extensions to the Antelope Sink-Upper Penn Gas Pool, the West Atoka-Upper Penn Gas Pool, the Northeast Avalon-Atoka Gas Pool, the East Avalon-Bone Spring Pool, the Avalon-Delaware Pool, the Brushy Draw-Delaware Pool, the Carlsbad-Delaware Pool, the South Carlsbad-Strawn Gas Pool, the Cemetery-Morrow Gas Pool, the Fenton-Delaware Pool, the Happy Valley-Morrow Gas Pool, the Hay Hollow-Bone Spring Pool, the High Lonesome-Queen Pool, the West Indian Flat-Atoka Gas Pool, the Shugart-Yates/Seven Rivers/Queen/Grayburg Pool, the Square Lake-Grayburg/San Andres Pool, and the North Turkey Track-Morrow Gas Pool, all in Eddy County, New Mexico.

IT IS THEREFORE ORDERED:

- (a) That a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production is hereby created and designated as the Benson-Bone Spring Pool, consisting of the following described area:

Township 19 South, Range 30 East NMPM  
Section 11: NW/4

- (b) That a new pool in Eddy County, New Mexico, classified as an oil pool is hereby created and designated as the N.E. Fenton-Bone Spring Pool, consisting of the following described area:

Township 21 South, Range 28 East NMPM  
Section 10: SW/4

- (c) That a new pool in Eddy County, New Mexico, classified as a gas pool is hereby created and designated as the Four Mile Draw-Atoka Gas Pool, consisting of the following described area:

Township 19 South, Range 27 East NMPM  
Section 7: N/2

- (d) That a new pool in Eddy County, New Mexico, classified as an oil pool is hereby created and designated as the East Indian Draw-Delaware Pool, consisting of the following described area:

Township 22 South, Range 28 East NMPM  
Section 10: SE/4

- (e) That the Antelope Sink-Upper Penn Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 19 South, Range 23 East NMPM  
Section 13: S/2

- (f) That the West Atoka-Upper Penn Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 18 South, Range 25 East NMPM  
Section 14: W/2

- (g) That the Northeast Avalon-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 20 South, Range 27 East NMPM  
Section 25: E/2

- (h) That the East Avalon-Bone Spring Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 20 South, Range 28 East NMPM  
Section 28: NE/4

Township 21 South, Range 27 East NMPM  
Section 1: Lots 1, 2, 7-16 & S/2

Case No. 8339

Order No. \_\_\_\_\_

- (i) That the Avalon-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 20 South, Range 27 East NMPM  
Section 25: SE/4  
Section 36: NE/4

- (j) That the Brushy Draw-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 26 South, Range 29 East NMPM  
Section 23: W/2

- (k) That the Carlsbad-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 21 South, Range 27 East NMPM  
Section 18: All  
Section 19: N/2

- (l) That the South Carlsbad-Strawn Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 22 South, Range 27 East NMPM  
Section 28: All  
Section 29: S/2

- (m) That the Cemetery-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 19 South, Range 25 East NMPM  
Section 34: S/2  
Section 35: S/2

- (n) That the Fenton-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 21 South, Range 28 East NMPM  
Section 16: N/2

- (o) That the Happy Valley-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 22 South, Range 26 East NMPM  
Section 19: S/2  
Section 30: N/2

- (p) That the Hay Hollow-Bone Spring Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 26 South, Range 27 East NMPM  
Section 13: SW/4

- (q) That the High Lonesome-Queen Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

Township 16 South, Range 29 East NMPM  
Section 10: SE/4

- (r) That the West Indian Flat-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described is hereby extended to include therein:

Township 21 South, Range 28 East NMPM  
Section 28: W/2

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- (s) That the Shugart-Yates/Seven Rivers/Queen/Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described is hereby extended to include therein:

Township 18 South, Range 30 East NMPM  
Section 35: SE/4 & S/2 NE/4

- (t) That the Square Lake-Grayburg/San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described is hereby extended to include therein:

Township 16 South, Range 31 East NMPM  
Section 21: NE/4

- (u) That the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified defined, and described is hereby extended to include therein:

Township 18 South, Range 28 East NMPM  
Section 23: N/2

OIL CONSERVATION COMMISSION  
 ARTESIA, NEW MEXICO  
 DISTRICT II

Case 8339

Nomenclature Advertisement for September 1984

- (A) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Benson-Bone Spring Pool. The discovery well is Great Western Drilling Company, Mabel Hale Federal #2 located in Unit C of Section 11, Township 19 South, Range 30 East. NMPM.  
 Said pool would comprise:  
 Township 19 South, Range 30 East. NMPM. ✓  
 Section 11: NW/4
- (B) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designated as the N. E. Fenton-Bone Spring Pool. The discovery well is Ammex Production, Inc., Big Eddy #103 located in Unit <sup>N</sup> of Section 10, Township 21 South, Range 28 East. NMPM.  
 Said pool would comprise:  
 Township 21 South, Range 28 East. NMPM. ✓  
 Section 10: SW/4
- (C) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Four Mile Draw-Atoka Gas Pool. The discovery well is Robert Enfield, Walters #1 located in Unit B of Section 7, Township 19 South, Range 27 East. NMPM.  
 Said pool would comprise:  
 Township 19 South, Range 27 East. NMPM. ✓  
 Section 7: N/2
- (D) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the East Indian Draw-Delaware Pool. The discovery well is Perry R. Bass, Bass 10 Federal #1 located in Unit J of Section 10, Township 22 South, Range 28 East. NMPM.  
 Said pool would comprise:  
 Township 22 South, Range 28 East. NMPM. ✓  
 Section 10: SE/4
- (E) Extend the Antelope Sink-Upper Penn<sup>side</sup> Gas Pool in Eddy County, New Mexico, to include therein:  
 Township 19 South, Range 23 East. NMPM. ✓  
 Section 13: S/2
- (F) Extend the West Atoka-Upper Penn Gas Pool in Eddy County, New Mexico to include therein:  
 Township 18 South, Range 25 East. NMPM. ✓  
 Section 14: W/2
- (G) Extend the Northeast Avalon-Atoka Gas Pool in Eddy County, New Mexico, to include therein:  
 Township 20 South, Range 27 East. NMPM. ✓  
 Section 25: E/2
- (H) Extend the East Avalon-Bone Spring Pool in Eddy County, New Mexico, to include therein:  
 Township 20 South, Range 28 East. NMPM. ✓  
 Section 28: NE/4  
 Township 21 South, Range 27 East. NMPM. ✓  
 Section 1: Lots 1, 2, 7-16 & S/2
- (I) Extend the Avalon-Delaware Pool in Eddy County, New Mexico, to include therein:  
 Township 20 South, Range 27 East. NMPM. ✓  
 Section 25: SE/4  
 Section 36: NE/4

- (J) Extend the Brushy Draw-Delaware Pool in Eddy County, New Mexico to include therein:  
Township 26 South, Range 29 East. NMPM. ✓  
Section 23: W/2
- (K) Extend the Carlsbad-Delaware Pool in Eddy County New Mexico, to include therein:  
Township 21 South, Range 27 East. NMPM. ✓  
Section 18: All  
Section 19: N/2
- (L) Extend the South Carlsbad-Strawn Gas Pool in Eddy County, New Mexico to include therein:  
Township 22 South, Range 27 East. NMPM. ✓  
Section 28: All  
Section 29: S/2
- (M) Extend the Cemetery Morrow Gas Pool in Eddy County, New Mexico, to include therein:  
Township 19 South, Range 25 East. NMPM. ✓  
Section 34: S/2  
Section 35: S/2
- (N) Extend the Fenton-Delaware Pool in Eddy County, New Mexico, to include therein:  
Township 21 South, Range 28 East. NMPM. ✓  
Section 16: N/2
- (O) Extend the Happy Valley-Morrow Gas Pool in Eddy County, New Mexico to include therein:  
Township 22 South, Range 26 East. NMPM. ✓  
Section 19: S/2  
Section 30: N/2
- (P) Extend the Hay Hollow-Bone Spring Pool in Eddy County, New Mexico, to include therein:  
Township 26 South, Range 27 East. NMPM. ✓  
Section 13: SW/4
- (Q) Extend the High Lonesome-Queen Pool in Eddy County, New Mexico, to include therein:  
Township 16 South, Range 29 East. NMPM. ✓  
Section 10: SE/4
- (R) Extend the West Indian-Flat Atoka Gas Pool in Eddy County, New Mexico, to include therein:  
Township 21 South, Range 28 East. NMPM. ✓  
Section 28: W/2
- (S) Extend the Shugart-Yates-Seven Rivers-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:  
Township 18 South, Range 30 East. NMPM. ✓  
Section 35: SE/4 & S/2 NE/4
- (T) Extend the Square Lake-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:  
Township 16 South, Range 31 East. NMPM. ✓  
Section 21: NE/4
- (U) Extend the North Turkey Track-Morrow Gas Pool in Eddy County, New Mexico, to include therein:  
Township 18 South, Range 28 East. NMPM. ✓  
Section 23: N/2