

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
NOMENCLATURE ADVERTISEMENT FOR HEARING JULY 20, 2006

In the matter of the application of the Oil Conservation Division of the Energy, Minerals and Natural Resources Department upon its own motion for an order creating, contracting vertical and horizontal limits, redesignating, and extending certain pools in Lea and Chaves Counties New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to show cause why such creations, contractions and extensions should not be made.

- (a) CREATE a new pool in Lea County, New Mexico classified as an oil pool for Grayburg production designated as the Arrowhead; Grayburg, Southwest Pool (**pool code: 97518**). The discovery well is the Marathon Oil Co., McDonald State AC 1 - 16, Well No. 1 (**API No. 30-005-31268**), located in Unit J of Section 16, Township 22 South, Range 36 East, NMPM. It was completed December 1, 2005, in the Grayburg formation. The top of the perforations is at 3,889 feet. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM ✓  
Section 16: SE/4

- (b) CREATE a new pool in Lea County, New Mexico classified as a gas pool for Strawn production designated as the Button Mesa; Strawn Gas Pool (**pool code: 97522**). The discovery well is the Yates Petroleum Corp., Faron State Unit, Well No. 1 (**API No. 30-025-37075**), located in Unit B of Section 5, Township 9 South, Range 32 East, NMPM. It was completed April 20, 2006, in the Strawn formation. The top of the perforations is at 10,393 feet. Said pool would comprise:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 5: E/2

- (c) CREATE a new pool in Chaves County, New Mexico classified as an oil pool for Wolfcamp production designated as the Caprock; Wolfcamp, Northwest Pool (**pool code: 97509**). The discovery well is the Read & Stevens Inc., Caprock 12 State, Well No. 1 (**API No. 30-005-27936**), located in Unit L of Section 12, Township 12 South, Range 31 East, NMPM. It was completed January 12, 2006, in the Wolfcamp formation. The top of the perforations is at 8,652 feet. Said pool would comprise:

TOWNSHIP 12 SOUTH, RANGE 31 EAST, NMPM ✓

Section 12: SW/4 ✓

- (d) CREATE a new pool in Lea County, New Mexico classified as a gas pool for Strawn production designated as the High Plains;Strawn Gas Pool (**pool code: 97515**). The discovery well is the Yates Petroleum Corp., Mamalotes BAM, Well No. 1 (**API No. 30-025-35899**), located in Unit P of Section 36, Township 14 South, Range 34 East, NMPM. It was completed Febuary 13, 2006, in the Strawn formation. The top of the perforations is at 13,630 feet. Said pool would comprise:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM ✓

Section 36: S/2

- (e) CREATE a new pool in Lea County, New Mexico classified as an oil pool for Glorieta production designated as the Justis;Glorieta, Southeast Pool (**pool code: 97523**). The discovery well is the COG Operating LLC., M D Self, Well No. 5 (**API No. 30-025-12449**), located in Unit D of Section 6, Township 26 South, Range 38 East, NMPM. It was completed November 16, 2005, in the Glorieta formation. The top of the perforations is at 4,902 feet. Said pool would comprise:

TOWNSHIP 26 SOUTH, RANGE 38 EAST, NMPM ✓

Section 6: NW/4

- (f) CREATE a new pool in Lea County, New Mexico classified as an oil pool for Upper Pennsylvanian production designated as the Ranger lake;Upper Pennsylvanian, East Pool (**pool code: 97527**). The discovery well is the Yates Petroleum Corp., Ike State Unit, Well No. 1 (**API No. 30-025-37402**), located in Unit E of Section 30, Township 12 South, Range 35 East, NMPM. It was completed April 10, 2006, in the Strawn formation. The top of the perforations is at 11,310 feet. Said pool would comprise:

TOWNSHIP 12 SOUTH, RANGE 35 EAST, NMPM ✓

Section 30: NW/4

- (g) CREATE a new pool in Lea County, New Mexico classified as a gas pool for Mississippian production designated as the X-4 Ranch;Mississippian Gas Pool (**pool code: 97514**). The discovery well is the Yates Petroleum Corp., Merle State Unit, Well No. 3 (**API No. 30-025-37545**), located in Unit P of Section 14, Township 10 South, Range 34 East, NMPM. It was completed March 15, 2006, in the Mississippian formation. The top of the perforations is at 12,152 feet. Said pool would comprise:

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM ✓

Section 14: E/2

- (h) CREATE a new pool in Lea County, New Mexico classified as a gas pool for Strawn production designated as the X-4 Ranch; Strawn, Northwest Gas Pool (**pool code: 97520**). The discovery well is the Yates Petroleum Corp., Twitty BHF State, Well No. 1 (**API No. 30-025-37466**), located in Unit J of Section 36, Township 9 South, Range 33 East, NMPM. It was completed April 26, 2006, in the Strawn formation. The top of the perforations is at 11,036 feet. Said pool would comprise:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 36: S/2

- (i) <sup>South</sup> Contract the vertical limits of the <sup>Upper</sup> Button Mesa; Pennsylvannian Pool (**pool code: 8380**) to include only the Cisco and Canyon formations. Redesignate the <sup>South</sup> Button Mesa; Pennsylvannian Pool as the <sup>Upper</sup> Button Mesa; Cisco-Canyon Pool (**pool code: 8380**) ✓  
<sup>South</sup>
- (j) Contract the Hare; San Andres Gas Pool (**pool code: 78080**) in Lea County, New Mexico by deleting:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 27: SE/4 SW/4

- (k) Contract the Lusk; Bone Spring, East Pool (**pool code: 41442**) in Lea County, New Mexico by deleting:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 27: SW/4 Section 34: NW/4

- (l) Extend the Anderson Ranch; Pennsylvanian, East Pool (**pool code: 1720**) in Lea County, New Mexico to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 3: Lots 1 and 2

- (m) Extend the Anderson Ranch; Queen Pool (**pool code: 97027**) in Lea County, New Mexico to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 14: SE/4

- (n) Extend the Baum;Wolfcamp, South Pool (**pool code: 4967**) in Lea County, New Mexico to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM ✓

Section 28: SW/4

Section 33: W/2

- (o) Extend the Bell Lake;Atoka Gas Pool (**pool code: 71720**) in Lea County, New Mexico to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM ✓

Section 30: SE/4

- (p) Extend the Bootleg Ridge;Delaware, Northwest Pool (**pool code: 6925**) in Lea County, New Mexico to include therein:

TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM ✓

Section 12: SW/4

- (q) Extend the Cormac;San Andres Pool (**pool code: 13350**) in Lea County, New Mexico to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM ✓

Section 17: SE/4

- (r) Extend the Eight Mile Draw;Mississippian Gas Pool (**pool code: 97015**) in Lea County, New Mexico to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM ✓

Section 21: E/2

Section 22: S/2

- (s) Extend the <sup>Northwest</sup>Eight Mile Draw;Morrow Gas Pool (**pool code: 97190**) in Lea County, New Mexico to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM ✓

Section 21: E/2

- (t) Extend the E-K;Bone Spring Pool (**pool code: 21650**) in Lea County, New Mexico to include therein:  
TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 36: SE/4
- (u) Extend the Eunice;San Andres Pool (**pool code: 24150**) in Lea County, New Mexico to include therein:  
TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 27: SE/4 SW/4
- (v) Extend the Eunice;San Andres, South Pool (**pool code: 24170**) in Lea County, New Mexico to include therein:  
TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 35: SW/4  
TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 1: W/2
- (w) Extend the Eunice;San Andres, Southwest Pool (**pool code: 24180**) in Lea County, New Mexico to include therein:  
TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM ✓  
Section 5: SW/4  
Section 6: SE/4  
Section 7: NE/4  
Section 17: SW/4
- (x) Extend the Featherstone;Bone Spring, East Pool (**pool code: 24270**) in Lea County, New Mexico to include therein:  
TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM ✓  
Section 19: N/2
- (y) Extend the Four Lakes;Mississippian Gas Pool (**pool code: 97053**) in Lea County, New Mexico to include therein:  
TOWNSHIP 12 SOUTH, RANGE 35 EAST, NMPM ✓  
Section 6: N/2

- (z) Extend the Garrett;Drinkard Pool (**pool code: 27130**) in Lea County, New Mexico to include therein:

TOWNSHIP 16 SOUTH, RANGE 38 EAST, NMPM ✓  
Section 30: SW/4  
Section 31: W/2

- (aa) Extend the Greenwood;Morrow, Southeast Gas Pool (**pool code: 97224**) in Lea County, New Mexico to include therein:

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 5: N/2  
Section 6: NE/4

- (bb) Extend the Hightower;Lower Pennsylvanian, East Pool (**pool code: 31390**) in Lea County, New Mexico to include therein:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 25: SE/4  
Section 36: NE/4

- (cc) Extend the House;Drinkard Pool (**pool code: 33250**) in Lea County, New Mexico to include therein:

TOWNSHIP 19 SOUTH, RANGE 38 EAST, NMPM ✓  
Section 35: NE/4

- (dd) Extend the Hume;Grayburg, West Pool (**pool code: 97444**) in Lea County, New Mexico to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 15: NE/4

- (ee) Extend the Hume;Queen, West Pool (**pool code: 33560**) in Lea County, New Mexico to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 24: NW/4

- (ff) Extend the Jabalina;Strawn, Southwest (Gas) Pool (**pool code: 97332**) in Lea County, New Mexico to include therein:

TOWNSHIP 26 SOUTH, RANGE 34 EAST, NMPM ✓

Section 25: N/2 and SW/4

Section 26: E/2

- (gg) Extend the Lane;Abo, Southeast Pool (**pool code: 36676**) in Lea County, New Mexico to include therein:

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM ✓

Section 14: W/2 and SE/4

- (hh) Extend the Lusk;Bone Spring, North Pool (**pool code: 41450**) in Lea County, New Mexico to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM ✓

Section 30: S/2

- (ii) Extend the Lusk;Bone Spring, South Pool (**pool code: 41460**) in Lea County, New Mexico to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM ✓

Section 32: NE/4

Section 33: N/2

Section 34: N/2

- (jj) Extend the Lusk;Delaware, East Pool (**pool code: 41520**) in Lea County, New Mexico to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM ✓

Section 34: N/2

Section 35: NW/4

- (kk) Extend the Lusk;Wolfcamp Pool (**pool code: 41600**) in Lea County, New Mexico to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM ✓

Section 8: NE/4

Section 9: W/2

- (ll) Extend the Maljamar;Paddock, East Pool (**pool code: 97417**) in Lea County, New Mexico to include therein:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPPM ✓  
Section 24: NE/4

- (mm) Extend the Nadine;Drinkard-Abo Pool (**pool code: 47510**) in Lea County, New Mexico to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPPM ✓  
Section 3: N/2

- (nn) Extend the Osudo;Morrow Gas Pool (**pool code: 82120**) in Lea County, New Mexico to include therein:

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPPM ✓  
Section 18: SW/4

- (oo) Extend the Osudo;Morrow, South Gas Pool (**pool code: 82200**) in Lea County, New Mexico to include therein:

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPPM ✓  
Section 28: N/2

- (pp) Extend the Paddock Pool (**pool code: 49210**) in Lea County, New Mexico to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPPM ✓  
Section 22: NE/4

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPPM ✓  
Section 24: SW/4

- (qq) Extend the Paduca;Delaware Pool (**pool code: 49460**) in Lea County, New Mexico to include therein:

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPPM ✓  
Section 16: NW/4

- (rr) Extend the Penrose Skelly;Grayburg Pool (**pool code: 50350**) in Lea County, New Mexico to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM

Section 17: NE/4 NW/4, S/2 NW/4, N/2 SW/4 and SW/4 SW/4 ✓

- (ss) Extend the Ranger Lake;Atoka, North Gas Pool (**pool code: 97349**) in Lea County, New Mexico to include therein:

TOWNSHIP 12 SOUTH, RANGE 35 EAST, NMPM ✓

Section 18: N/2

- (tt) Extend the Ranger Lake;Morrow, North Gas Pool (**pool code: 97362**) in Lea County, New Mexico to include therein:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM ✓

Section 13: W/2

Section 24: NW/4

TOWNSHIP 12 SOUTH, RANGE 35 EAST, NMPM ✓

Section 19: SW/4

Section 30: W/2

- (uu) Extend the Red Tank;Bone Spring Pool (**pool code: 51683**) in Lea County, New Mexico to include therein:

TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM ✓

Section 12: NW/4

- (vv) Extend the Sand Springs;Mississippian Gas Pool (**pool code: 97125**) in Lea County, New Mexico to include therein:

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM ✓

Section 35: W/2

- (ww) Extend the Saunders;Morrow Gas Pool (**pool code: 84875**) in Lea County, New Mexico to include therein:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM ✓

Section 34: E/2

- (xx) Extend the Shoe Bar;Atoka Gas Pool (**pool code: 85210**) in Lea County, New Mexico to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM ✓  
Section 25: SE/4

- (yy) Extend the Shoe Bar;Devonian, Southeast Pool (**pool code: 97438**) in Lea County, New Mexico to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM ✓  
Section 3: SW/4

- (zz) Extend the Teas;Pennsylvanian Gas Pool (**pool code: 86040**) in Lea County, New Mexico to include therein:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 15: S/2

- (aaa) Extend the Vacuum;Mckee, South Gas Pool (**pool code: 97368**) in Lea County, New Mexico to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM ✓  
Section 22: SE/4 and W/2  
Section 35: S/2

- (bbb) Extend the Vacuum;Morrow Gas Pool (**pool code: 86840**) in Lea County, New Mexico to include therein:

<sup>17</sup>  
TOWNSHIP ~~18~~ SOUTH, RANGE <sup>34</sup>~~33~~ EAST, NMPM ✓  
Section 33: S/2

<sup>34</sup>  
TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM ✓  
Section 3: W/2  
Section 4: NE/4  
Section 5: SE/4

- (ccc) Extend the Weir;Drinkard Pool (**pool code: 63840**) in Lea County, New Mexico to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM ✓

Section 15: SW/4 ✓  
Section 16: SE/4

(ddd) Extend the X-4 Ranch; Atoka Gas Pool (**pool code: 97090**) in Lea County, New Mexico to include therein:

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM ✓  
Section 32: W/2

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 1: S/2 Section 2: E/2

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM ✓  
Section 5: NW/4  
Section 6: SW/4