## NEW POOLS

It is recommended that a new $0$ oil $0$ pool be created and designated
as the East Cotton Draw-Bone Spring Pool.
Vertical limits to be theBone Springformation and the
horizontal limits should be as follows: As outlined in Paragraph (a) Exhibit I
Discovery well was Yates Petroleum Corporation Haracz AMO Federal Well No. 7
located in Unit F Section 19 Township 24 Range 32 and was completed on
May 1, 1996 . Top of perforations is at 8,593 feet.
It is recommended that a new oil pool be created and designated
as the West DK-Abo Pool.
Vertical limits to be the Abo formation and the
horizontal limits should be as follows: As outlined in Paragraph (b) Exhibit I
Discovery well was Conoco Inc Warren Unit Well No. 127
located in Unit P Section 28 Township 20 Range 38 and was completed on
April 15, 1996 . Top of perforations is at 7,239 feet.
It is recommended that a new oil pool be created and designated
as the South Dios Mano-Delaware Pool.
Vertical limits to be the Delaware formation and the
horizontal limits should be as follows: As outlined in Paragraph (c) Exhibit I
Discovery well was Manzano Oil Corporation S.V. Bobwhite Federal Well No. 1
located in Unit L Section 4 Township 19 Range 34 and was completed on
February 15, 1996 . Top of perforations is at 7,809 feet.

## NEW POOLS

It is recommended that a new oil pool be created and designated
as the North Fowler-Abo Pool.
Vertical limits to be the Abo formation and the
horizontal limits should be as follows: As outlined in Paragraph (d) Exhibit I
Discovery well was Arch Petroleum Inc. S. J. Carr Well No. 5
located in Unit N Section 10 Township 24 Range 37 and was completed on
Aprill, 1996 . Top of perforations is at 6,544 feet.
It is recommended that a new gas pool be created and designated
as the North Johnson Ranch-Atoka Gas Pool.
Vertical limits to be the Atoka formation and the
horizontal limits should be as follows: As outlined in Paragraph (e) Exhibit I
Discovery well was Enron Oil & Gas Company Jackson Unit Well No. 4
located in Unit B Section 15 Township 24 Range 33 and was completed on
May 19, 1996 . Top of perforations is at 13,880 feet.
It is recommended that a new gas pool be created and designated
as the Mid Justis-Abo Gas Pool.
Vertical limits to be the Abo formation and the
horizontal limits should be as follows: As outlined in Paragraph (f) Exhibit I
Discovery well was Arco Permian A. B. Coates C Gas Com Well No. 1
located in Unit F Section 24 Township 25 Range 37 and was completed on
November 22, 1995 . Top of perforations is at 6,220 feet.

## NEW POOLS

It is recommended that a new oil pool be created and designated
as the Ojo Chiso-Bone Spring Pool.
Vertical limits to be the Bone Spring formation and the
horizontal limits should be as follows: As outlined in Paragarph (g) Exhibit I
Discovery well was BTA Oil Producers Chiso C 8711 JV-P Well No. 1
located in Unit C Section 23 Township 22 Range 34 and was completed on
March 11, 1996 . Top of perforations is at 9,324 feet.
It is recommended that a new $oil$ pool be created and designated .
as the Vacuum-Atoka Pool.
Vertical limits to be the Atoka formation and the
horizontal limits should be as follows: As outlined in Paragraph (h) Exhibit I
Discovery well was Texaco Expl. & Prod. Inc. New Mexico O State NCT-1 Well No. 3
located in Unit I Section 36 Township 17 Range 34 and was completed on
January 4, 1996 . Top of perforations is at 11,120 feet.
It is recommended that a new pool be created and designated
as the Pool.
Vertical limits to be the formation and the
horizontal limits should be as follows:
Discovery well was
located in Unit Section Township Range and was completed on
. Top of perforations is at feet.

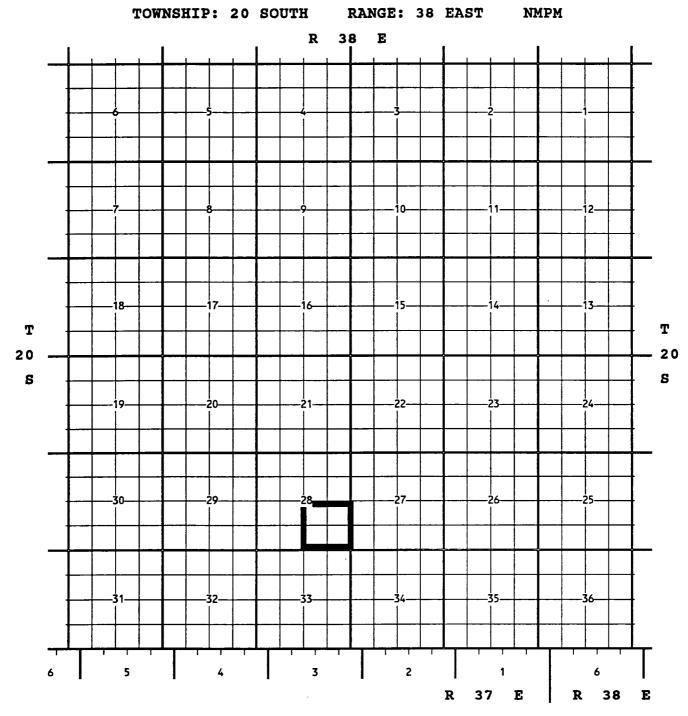
COUNTY: LEA POOL: COTTON DRAW; BONE SPRING, EAST

TOWNSHIP: 24 SOUTH RANGE: 32 EAST NMPM R 32 E T T 24 24 8 S 32 E R

PURPOSE: One completed oil well capable of producing.
YATES PETROLEUM CORPORATION, HARACZ AMO FEDERAL # 7, F-19-T24S-R32E, completed 05/01/96, in the Bone Spring Formation, top perfs 8593 ft.

Proposed pool boundry in bold outline. Section 19: NW/4

COUNTY: LEA POOL: D-K; ABO, WEST



PURPOSE: One completed oil well capable of producing. CONOCO INC, WARREN UNIT # 127, P-28-T20S-R38E, completed 05/31/96, in the Abo Formation, top perfs 8995 ft.

Proposed pool boundry in bold outline. Section  $\chi: \mathbb{R}^{2/4}$ 

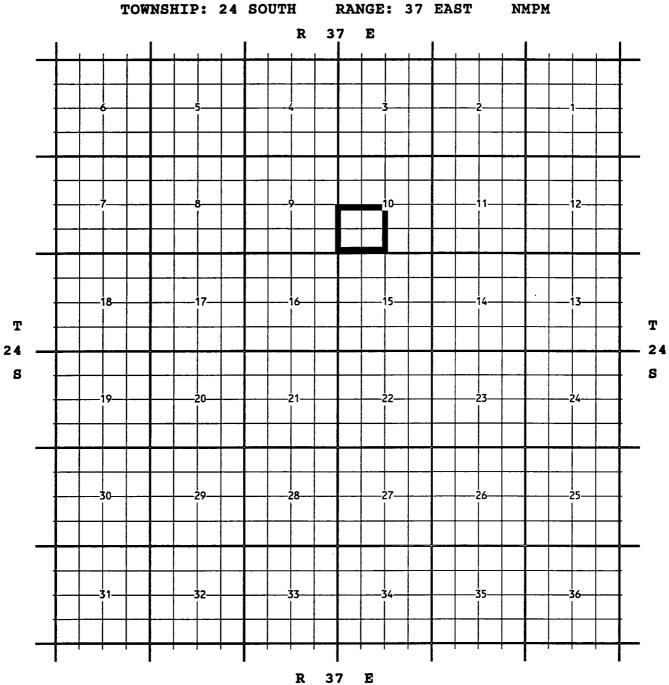
COUNTY: LEA POOL: DIOS MANO; DELAWARE, SOUTH

RANGE: 34 EAST NMPM TOWNSHIP: 19 SOUTH 34 E T T 19 19 S S ·28-27 -33--32-36-34 E R

PURPOSE: One completed oil well capable of producing.
MANZANO OIL CORP, SV BOBWHITE FEDERAL # 1, L-4-T19S-R34E, completed 02/15/96, in the Delaware Formation, top perfs 7809 ft.

Proposed pool boundry in bold outline. Section 4 : SW/4

COUNTY: LEA POOL: FOWLER; ABO, NORTH



PURPOSE: One completed oil well capable of producing. ARCH PETROLEUM INC, S J CARR # 5, N-10-T24S-R37E, completed 04/01/96, in the Abo Formation, top perfs 6544 ft.

Proposed pool boundry in bold outline. Section 10: SW/4

COUNTY: LEA POOL: JOHNSON RANCH; ATOKA, NORTH (GAS)

TOWNSHIP: 24 SOUTH RANGE: 33 EAST NMPM 33 E R T T 24 24 S S -33 32.

PURPOSE: One completed gas well capable of producing. ENRON OIL & GAS CO, JACKSON UNIT # 4, B-15-T24S-R33E, completed 05/19/96, in the Atoka Formation, top perfs 13880 ft.

R

33 E

Proposed pool boundry in bold outline. Section 15: N/2

CASE NO. 11592 (f) CREATION OF A GAS POOL

COUNTY: LEA POOL: JUSTIS; ABO, MID (GAS)

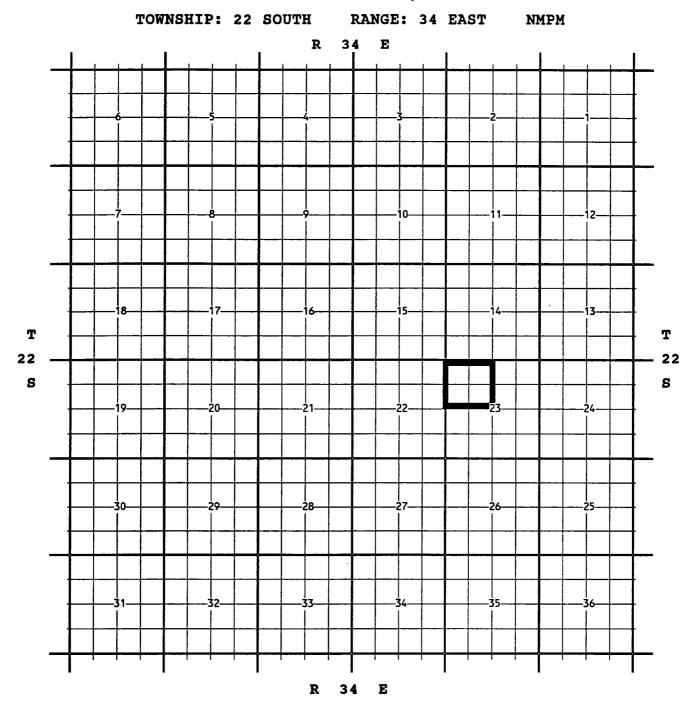
TOWNSHIP: 25 SOUTH RANGE: 37 EAST NMPM 37 E 18 16-T T 25 25 S S

PURPOSE: Two completed gas well capable of producing.
ARCO PERMIAN, A B COATES C GAS COM # 1, F-24-T25S-R37E, completed 11/22/95, in the ABO Formation,
top perfs 6220 ft.
TEXACO EXPLORATION & PRODUCTION INC, COATES WIMBERLY FEDERAL COM # 1, K-24-T25S-R37E, completed 04/12/96,
in the ABO Formation, top perfs 6180 ft.

R 37 E

Proposed pool boundry in bold outline. Section 24: W/2

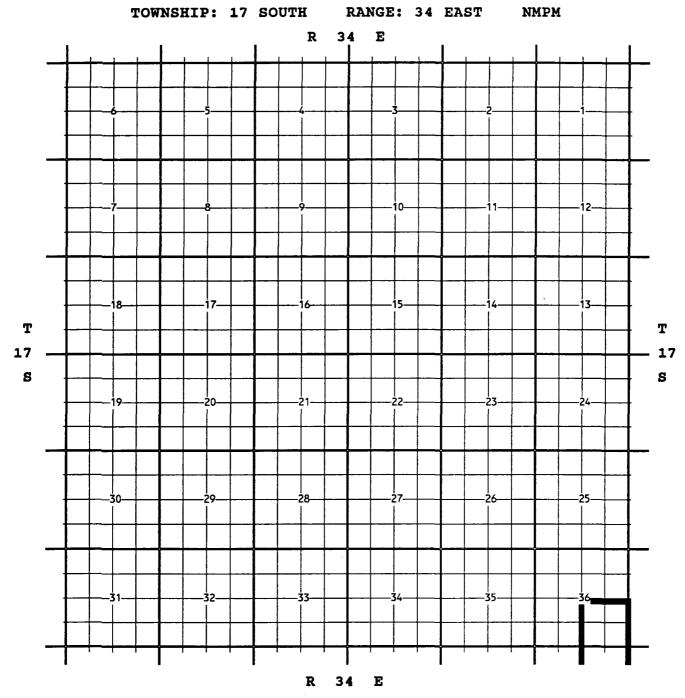
COUNTY: LEA POOL: OJO CHISO; BONE SPRING



PURPOSE: One completed oil well capable of producing. BTA OIL PRODUCERS, CHISO C 8711 JV-P # 1, C-23-T22S-R34E, completed 03/11/96, in the Bone Spring Formation, top perfs 9324 ft.

Proposed pool boundry in bold outline. Section 23: NW/4

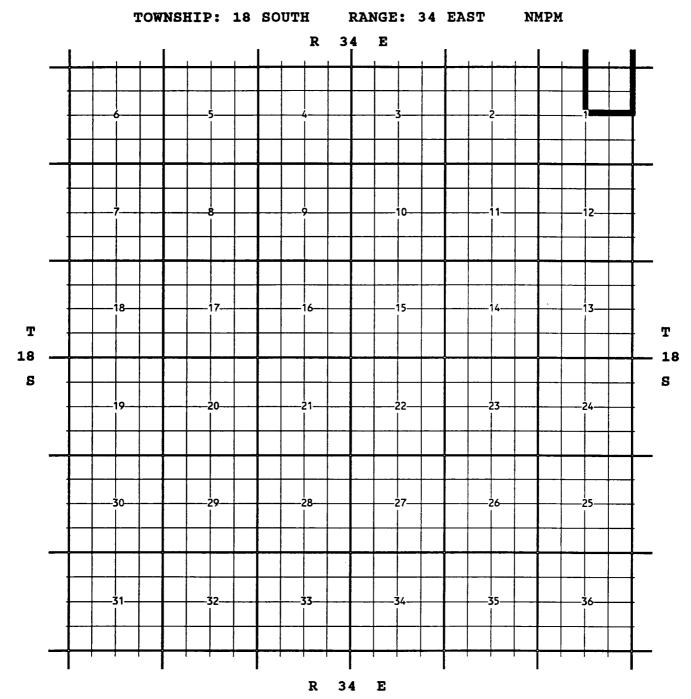
COUNTY: LEA POOL: VACUUM; ATOKA



PURPOSE: Two completed oil well capable of producing.
TEXACO EXPLORATION & PRODUCTION INC, NEW MEXICO O STATE NCT-1 # 38, I-36-T17S-R34E, completed 01/04/96, in the Atoka Formation, top perfs 11120 ft.
TEXACO EXPLORATION & PRODUCTION INC, NEW MEXICO L STATE # 18, A-1-T18S-R34E, completed 06/01/96, in the Atoka Formation, top perfs 11092 ft.

Proposed pool boundry in bold outline. Township 17 Range 34 Section 36: SE/4
Township 18 Range 34 Section 1 : NE/4

COUNTY: LEA POOL: VACUUM; ATOKA



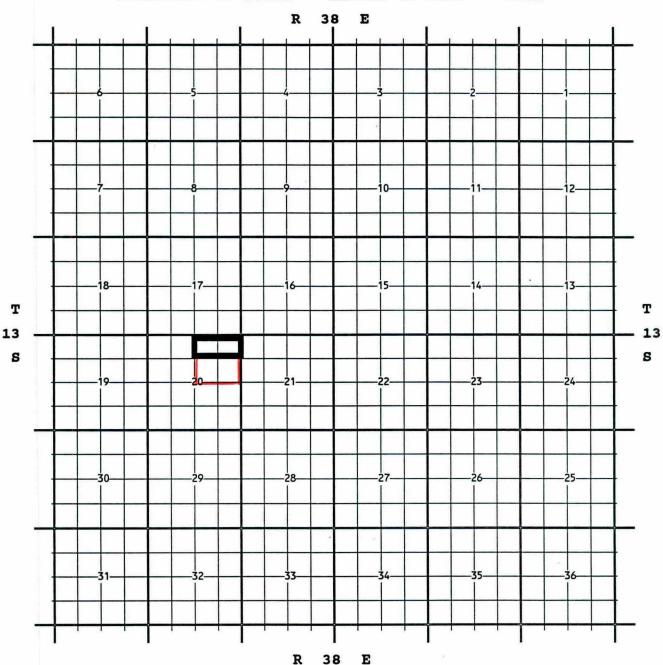
PURPOSE: Two completed oil well capable of producing.
TEXACO EXPLORATION & PRODUCTION INC, NEW MEXICO O STATE NCT-1 # 38, 1-36-T17S-R34E, completed 01/04/96, in the Atoka Formation, top perfs 11120 ft.
TEXACO EXPLORATION & PRODUCTION INC, NEW MEXICO L STATE # 18, A-1-T18S-R34E, completed 06/01/96, in the Atoka Formation, top perfs 11092 ft.

Proposed pool boundry in bold outline. Township 17 Range 34 Section 36: SE/4
Township 18 Range 34 Section 1 : NE/4

CASE NO. 11592 (i) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: BRONCO; WOLFCAMP, SOUTHWEST

TOWNSHIP: 13 SOUTH RANGE: 38 EAST NMPM



PURPOSE: One completed oil well capable of producing.
MARALO INC, LOWE 20 # 2, G-20-T13S-R38E, completed 03/09/96, in the Wolfcamp Formation, top perfs 9380 ft.

Pool boundry in bold outline.
Proposed pool extension outline in red. Township 13 Range 38 Section 20: S/2 OF NE/4

CASE NO. 11592 (j) EXTENSION OF AN EXISTING OIL POOL

NMPM

COUNTY: LEA POOL: CUERNO LARGO; PENN

RANGE: 32 EAST TOWNSHIP: 10 SOUTH R 32 E 10-18-T T 10 10 S S 20-30-28-5 3 2 R 32 E R 33 E

PURPOSE: One completed oil well capable of producing.
MANZANO OIL CORP, SHELL STATE # 1-Y, B-26-T10S-R32E, completed 04/01/96, in the Penn Formation, top perfs 8954 ft.

Pool boundry in bold outline. Proposed pool extension outline in red. Township 10 Range 32 Section 26: NE/4 CASE NO. 11592 (k) EXTENSION OF AN EXISTING GAS POOL

COUNTY: LEA POOL: JOHNSON RANCH; WOLFCAMP (GAS)

TOWNSHIP: 24 SOUTH RANGE: 33 EAST NMPM R 33 E 10-T T 24 24 S S 20--30-29-28-35-

PURPOSE: One completed gas well capable of producing.
MURCHISON OIL & GAS INC, JACKSON UNIT # 3, N-15-T24S-R33E, completed 05/17/96, in the Wolfcamp Formation, top perfs 13309 ft.

33

R

Pool boundry in bold outline.
Proposed pool extension outline in red. Township 24 Range 33 Section 15: S/2

CASE NO. 11592 (1) EXTENSION OF A

EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA

POOL: LOVINGTON; STRAWN, WEST

TOWNSHIP: 15 SOUTH RANGE: 35 EAST NMPM R 35 E 10-12-18-T T 15 15 S S 22-20-30-26 31-35 36 3 2 5 R 35 E R 36 E

PURPOSE: Two completed oil well capable of producing.
HANLEY PETROLEUM INC, CHANDLER # 1, 0-28-T15S-R35E, completed 03/02/96, in the Strawn Formation,
top perfs 11581 ft.
CHARLES B GILLESPIE JR, SNYDER EC COM # 1, B-6-T16S-R36E, completed 03/09/96, in the Strawn Formation,
top perfs 11540 ft.

Pool boundry in bold outline.

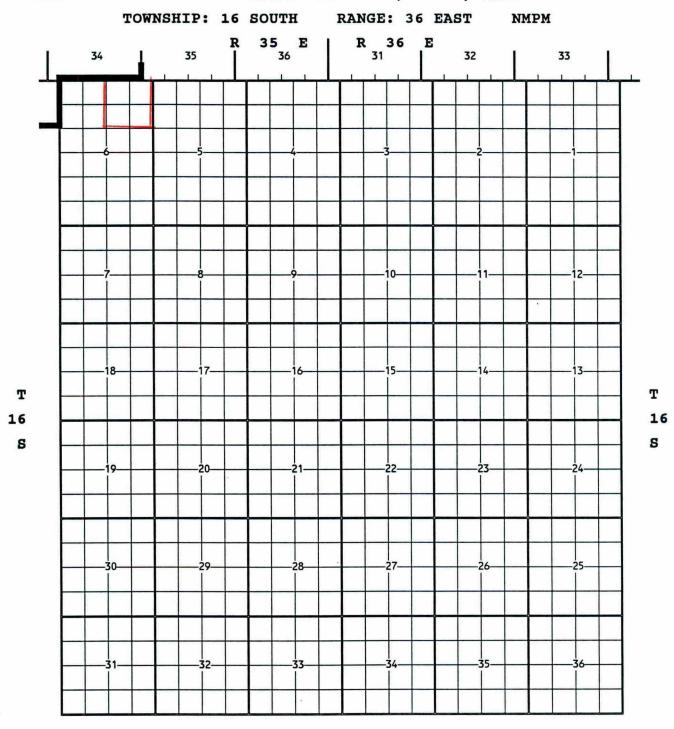
Proposed pool extension outline in red. Township 15 Range 35 Section 28: SE/4

Township 16 Range 36 Section 6: LOTS 1,2,7,8

CASE NO. 11592 (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA

POOL: LOVINGTON; STRAWN, WEST



R 36 E

PURPOSE: Two completed oil well capable of producing.
HANLEY PETROLEUM INC, CHANDLER # 1, 0-28-T15S-R35E, completed 03/02/96, in the Strawn Formation,
top perfs 11581 ft.
CHARLES B GILLESPIE JR, SNYDER EC COM # 1, B-6-T16S-R36E, completed 03/09/96, in the Strawn Formation,
top perfs 11540 ft.

Pool boundry in bold outline.

Proposed pool extension outline in red. Township 15 Range 35 Section 28: SE/4

Township 16 Range 36 Section 6: LOTS 1,2,7,8

CASE NO. 11592 (m) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: MONUMENT; ABO

TOWNSHIP: 19 SOUTH RANGE: 36 EAST NMPM R 36 E 18-T T 19 19 S S 20-30-28-33-32-R 36 E

PURPOSE: Two completed oil well capable of producing.
BRISTOL RESOURCES CORP, ROYAL COACHMAN # 1, I-27-T19S-R36E, completed 05/20/96, in the Abo Formation, top perfs 7330 ft.
AMERADA HESS CORP, REED A-3 FEDERAL # 16, A-3-T20S-R36E, completed 05/08/96, in the Abo Formation, top perfs 7224 ft.

Pool boundry in bold outline.

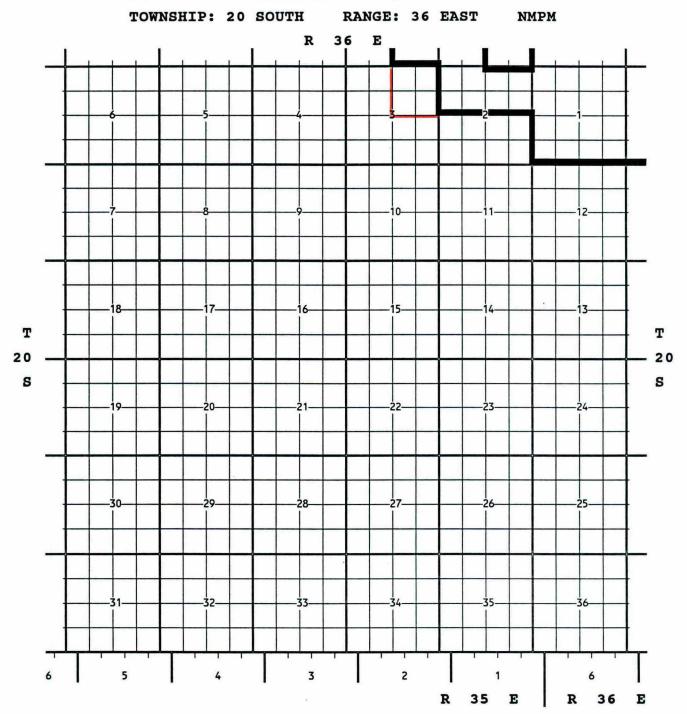
Proposed pool extension outline in red. Township 19 Range 36 Section 27: SE/4

Township 19 Range 36 Section 34: NE/4

Township 20 Range 36 Section 3 : NE/4

CASE NO. 11592 (m) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: MONUMENT; ABO



PURPOSE: Two completed oil well capable of producing.
BRISTOL RESOURCES CORP, ROYAL COACHMAN # 1, I-27-T19S-R36E, completed 05/20/96, in the Abo Formation, top perfs 7330 ft.
AMERADA HESS CORP, REED A-3 FEDERAL # 16, A-3-T20S-R36E, completed 05/08/96, in the Abo Formation, top perfs 7224 ft.

Pool boundry in bold outline.

Proposed pool extension outline in red. Township 19 Range 36 Section 27: SE/4

Township 19 Range 36 Section 34: NE/4

Township 20 Range 36 Section 3 : NE/4

CASE NO. 11592 (n) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: MONUMENT; PADDOCK

NMPM TOWNSHIP: 20 SOUTH RANGE: 37 EAST R 37 E T T 20 20 S S 30-28-27. 5 3 2 1 R 36 E R 37

PURPOSE: Two completed oil well capable of producing.
TEXACO EXPLORATION & PRODUCTION INC, L VAN ETTEN # 8, P-9-T20S-R37E, completed 03/13/96, in the Paddock Formation, top perfs 5198 ft.
TEXACO EXPLORATION & PRODUCTION INC, L VAN ETTEN # 17, K-9-T20S-R37E, completed 01/10/96, in the Paddock Formation, top perfs 5178 ft.

Pool boundry in bold outline.
Proposed pool extension outline in red. Township 20 Range 37 Section 9 : S/2

CASE NO. 11592 (o) EXTEN

(o) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA

POOL: MONUMENT; TUBB

TOWNSHIP: 20 SOUTH RANGE: 37 EAST NMPM R 37 E 18-T T 20 20 S S 30-28 32. 5 3 2 37 R 36 E R

PURPOSE: Three completed oil well capable of producing.
CONOCO INC, STATE A 2A # 6, 0-2-T20S-R37E, completed 04/30/96, in the Tubb Formation, top perfs 6450 ft.
CONOCO INC, STATE A 2A # 5, P-2-T20S-R37E, completed 03/26/96, in the Tubb Formation, top perfs 6412 ft.
CONOCO INC, STATE CC 16 # 1, C-16-T20S-R37E, completed 05/18/96, in the Tubb Formation, top perfs 6374 ft.

Pool boundry in bold outline.

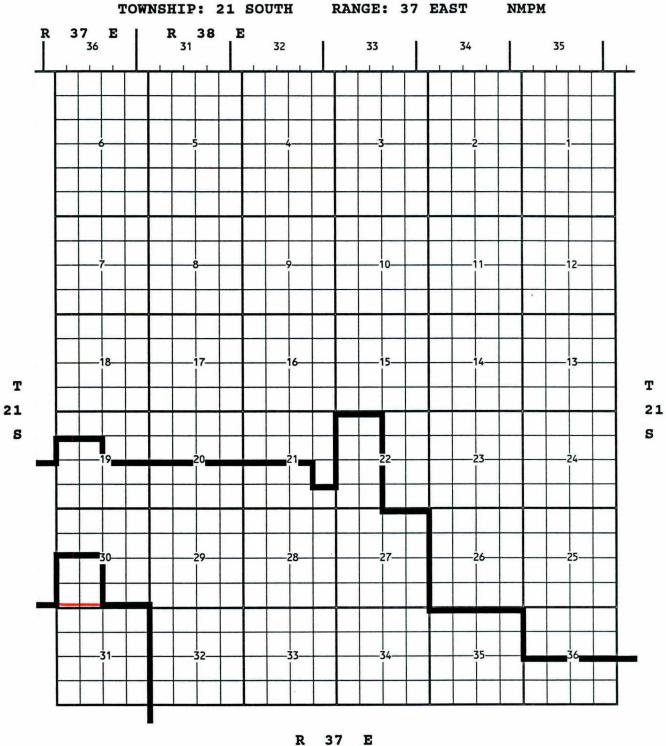
Proposed pool extension outline in red. Township 20 Range 37 Section 2 : SE/4

Township 20 Range 37 Section 11: NE/4

Township 20 Range 37 Section 16: NW/4

CASE NO. 11592 (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: PADDOCK

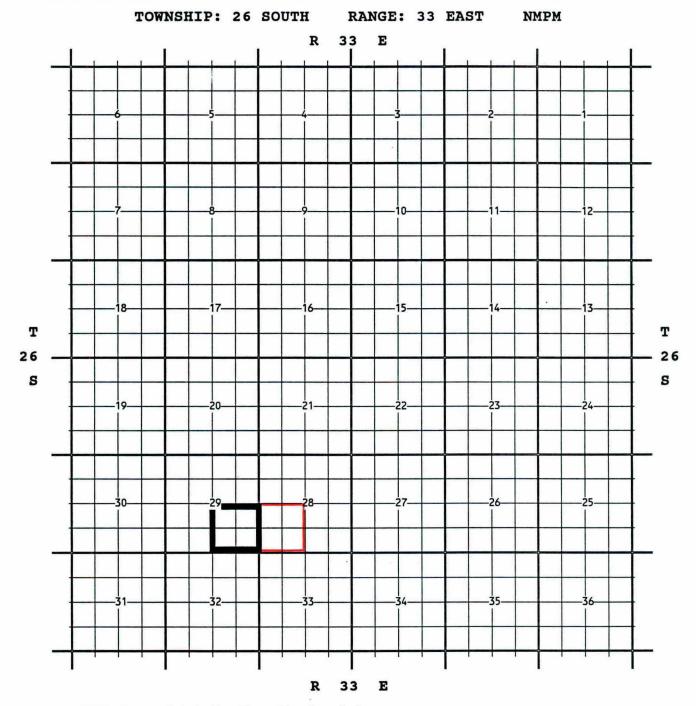


PURPOSE: One completed oil well capable of producing.
ARCH PETROLEUM INC, MATTERN # 1, L-30-T21S-R37E, completed 03/23/96, in the Paddock Formation, top perfs 5163 ft.

Pool boundry in bold outline.
Proposed pool extension outline in red. Township 21 Range 37 Section 30: SW/4

COUNTY: LEA

POOL: RATTLESNAKE FLAT; DELAWARE

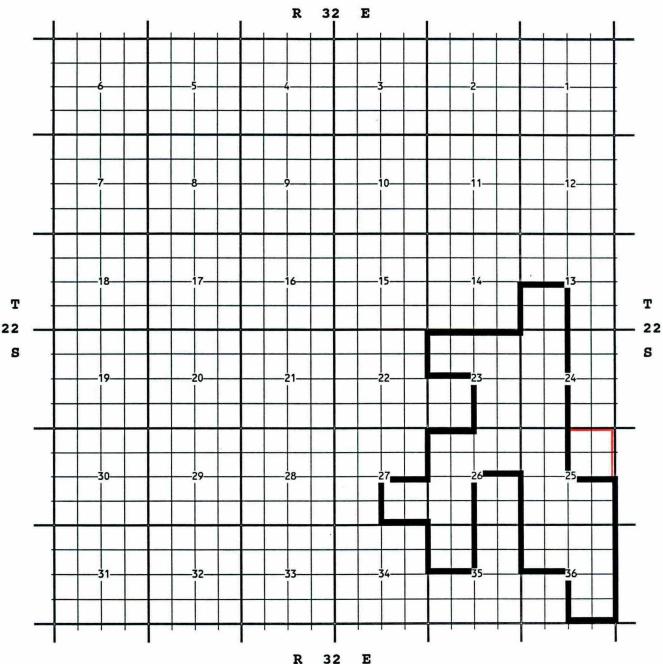


PURPOSE: One completed oil well capable of producing.
ENSERCH EXPLORATION INC, RATTLESNAKE FEDERAL 28 # 1, K-28-T26S-R33E, completed 04/26/96, in the Delaware Formation, top perfs 4930 ft.

Pool boundry in bold outline. Proposed pool extension outline in red. Township 26 Range 33 Section 28: SW/4 CASE NO. 11592 (r) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: RED TANK; BONE SPRING

TOWNSHIP: 22 SOUTH RANGE: 32 EAST NMPM R 32 E



PURPOSE: Two completed oil well capable of producing.

POGO PRODUCING CO, COVINGTON A FEDERAL # 14, G-25-T22S-R32E, completed 05/29/96, in the Bone Spring Formation, top perfs 8836 ft.
YATES PETROLEUM CORPORATION, THYME APY FEDERAL # 1, B-1-T23S-R32E, completed 05/11/96, in the Bone Spring Formation, top perfs 8966 ft.

Pool boundry in bold outline. Proposed pool extension outline in red. Township 22 Range 32 Section 25: NE/4 Township 23 Range 32 Section 1: NE/4 CASE NO. 11592 (r) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: RED TANK; BONE SPRING

RANGE: 32 EAST TOWNSHIP: 23 SOUTH NMPM R 32 E 18-16-T T 23 23 S S 19-20-30-32-33-35-

PURPOSE: Two completed oil well capable of producing.
POGO PRODUCING CO, COVINGTON A FEDERAL # 14, G-25-T22S-R32E, completed 05/29/96,
in the Bone Spring Formation, top perfs 8836 ft.
YATES PETROLEUM CORPORATION, THYME APY FEDERAL # 1, B-1-T23S-R32E, completed 05/11/96,
in the Bone Spring Formation, top perfs 8966 ft.

R

32 E

Pool boundry in bold outline.

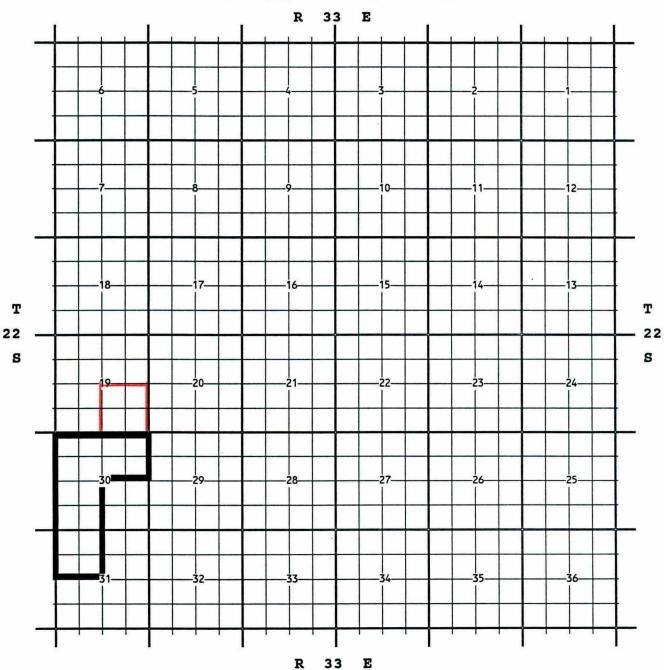
Proposed pool extension outline in red. Township 22 Range 32 Section 25: NE/4

Township 23 Range 32 Section 1 : NE/4

CASE NO. 11592 (s) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: RED TANK; BONE SPRING, EAST

TOWNSHIP: 22 SOUTH RANGE: 33 EAST NMPM



PURPOSE: One completed oil well capable of producing.
TOCO L.L.C., WHITE LIGHTNIN # 1, I-19-T22S-R33E, completed 05/04/96, in the Bone Spring Formation, top perfs 10598 ft.

Pool boundry in bold outline. Proposed pool extension outline in red. Township 22 Range 33 Section 19: SE/4 CASE NO. 11592 (t) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: RED TANK; DELAWARE, WEST

TOWNSHIP: 22 SOUTH RANGE: 32 EAST NMPM R 32 E 10-T T 22 22 S S 20-

PURPOSE: One completed oil well capable of producing.
POGO PRODUCING CO, COVINGTON A FEDERAL # 6, F-25-T22S-R32E, completed 02/12/96, in the Delaware Formation, top perfs 8450 ft.

32

Pool boundry in bold outline.

Proposed pool extension outline in red. Township 22 Range 32 Section 25: NW/4
Township 22 Range 32 Section 26: E/2

R

CASE NO. 11592 (u) EXTENSION OF AN EXISTING OIL POOL

RANGE: 32 EAST

NMPM

COUNTY: LEA POOL: SAND DUNES; BONE SPRING

TOWNSHIP: 23 SOUTH

32 E T T 23 23 S S 32. 32 R E

PURPOSE: One completed oil well capable of producing.
MYCO INDUSTRIES INC, BITSY FEDERAL # 1, H-7-T23S-R32E, completed 05/31/96, in the Bone Spring Formation, top perfs 8995 ft.

Pool boundry in bold outline.
Proposed pool extension outline in red. Township 23 Range 32 Section 7: NE/4

CASE NO. 11592 (v) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: TEAGUE; BLINEBRY

TOWNSHIP: 24 SOUTH RANGE: 37 EAST NMPM T T 24 24 S S 37 R

PURPOSE: One completed oil well capable of producing.
TEXACO EXPLORATION & PRODUCTION INC, TEAGUE 2 STATE # 1, D-2-T24S-R37E, completed 12/30/95, in the Blinebry Formation, top perfs 5220 ft.

Pool boundry in bold outline.

Proposed pool extension outline in red. Township 24 Range 37 Section 2 : NW/4

Township 24 Range 37 Section 3 : NE/4

CASE NO. 11592 (w) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: VACUUM; WOLFCAMP

TOWNSHIP: 18 SOUTH RANGE: 34 EAST NMPM R 34 E T T 18 18 S S 34

PURPOSE: One completed oil well capable of producing.
TEXACO EXPLORATION & PRODUCTION INC, NEW MEXICO Z STATE NCT 1 # 1, C-2-T18S-R34E, completed 02/01/96, in the Wolfcamp Formation, top perfs 9974 ft.

E

Pool boundry in bold outline. Proposed pool extension outline in red. Township 18 Range 34 Section 2: N/2

R

CASE NO. 11592 (x) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: WANTZ; ABO

TOWNSHIP: 22 SOUTH RANGE: 37 EAST NMPM R 37 E T T 22 22 S S

PURPOSE: One completed oil well capable of producing. TEXACO EXPLORATION & PRODUCTION INC, BAKER B # 17, N-10-T22S-R37E, completed 01/20/96, in the Abo Formation, top perfs 6753 ft.

R 37

E

Pool boundry in bold outline. Proposed pool extension outline in red. Township 22 Range 37 Section 10: S/2 CASE NO. 11592 (y) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: YOUNG; DELAWARE, NORTH

TOWNSHIP: 18 SOUTH RANGE: 32 EAST NMPM 32 E T T 18 18 8 S 32 R E

PURPOSE: One completed oil well capable of producing.
MOREXCO INC, FEDERAL AN # 1, L-8-T18S-R32E, completed 03/06/96, in the Delaware Formation,
top perfs 4912 ft.

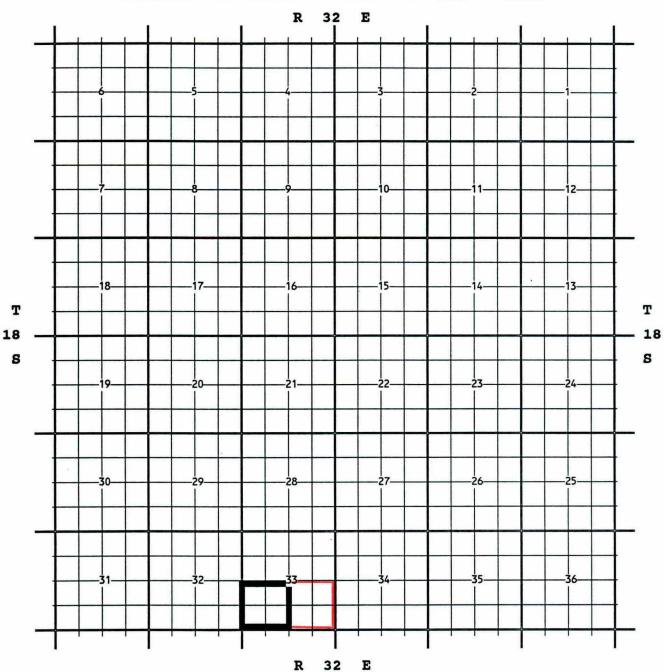
Pool boundry in bold outline.

Proposed pool extension outline in red. Township 18 Range 32 Section 8 : SW/4

CASE NO. 11592 (z) EXTENSION OF AN EXISTING OIL POOL

COUNTY: LEA POOL: YOUNG; SAN ANDRES, SOUTH

TOWNSHIP: 18 SOUTH RANGE: 32 EAST NMPM



PURPOSE: One completed oil well capable of producing.
CHEVRON U S A INC, KEEL A FEDERAL # 1, J-33-T18S-R32E, completed 03/26/96, in the San Andres Formation, top perfs 5182 ft.

Pool boundry in bold outline.
Proposed pool extension outline in red. Township 18 Range 32 Section 33: SE/4