

Case 110.

2562

dictation, Transcript,
all Exhibits, Etc.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 2562
ORDER NO. R-2241

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING AND EXTENDING CERTAIN
POOLS IN EDDY, ROOSEVELT AND
LEA COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 16, 1962, at Hobbs, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 23rd day of May, 1962, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new pool in Roosevelt County, New Mexico for the production of oil from the San Andres formation, said pool to bear the designation CLR-San Andres Pool. Said CLR-San Andres Pool was discovered by Sunray Mid-Continent Oil Company, Nancy Watson No. 1 located in the NW/4, Unit E, of Section 31, Township 8 South, Range 34 East, NMPM. It was completed March 31, 1962. Top of perforations is 4600 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico for the production of oil from the Delaware formation, said pool to bear the designation North Double X-Delaware Pool. Said North Double X-Delaware Pool was discovered by Curtis Hankamer, Gulf Hanagan Federal No. 1, located in the SE/4, Unit P, of Section 11, Township 24 South, Range 32 East, NMPM. It was completed April 2, 1962. Top of perforations is 4974 feet.

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(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Blinebry formation, said pool to bear the designation Oil Center-Blinebry Pool. Said Oil Center-Blinebry Pool was discovered by Continental Oil Company, Meyer B-4 Well No. 19, located in Lots 9, 10, 15 and 16, Unit O, of Section 4, Township 21 South, Range 36 East, NMPM. It was completed February 11, 1962. Top of perforations is 5907 feet.

(5) That there is need for the creation of a new pool in Lea County, New Mexico for the production of gas from the Morrow formation, said pool to bear the designation Quail Ridge-Morrow Gas Pool. Said Quail Ridge-Morrow Gas Pool was discovered by El Paso Natural Gas Company, Mescalero Ridge Unit Well No. 1, located in the W/2, Unit D, of Section 21, Township 19 South, Range 34 East, NMPM. It was completed August 30, 1961. Top of perforations is 13,328 feet.

(6) That there is need for the creation of a new pool in Lea County, New Mexico for the production of oil from the Permo Pennsylvanian formation, said pool to bear the designation East Saunders-Permo Pennsylvanian Pool. Said East Saunders-Permo Pennsylvanian Pool was discovered by Kern County Land Company, State No. 1, located in the SW/4, Unit K, of Section 17, Township 14 South, Range 34 East, NMPM. It was completed March 22, 1962. Top of perforations is 10,363 feet.

(7) That there is need for the creation of a new pool in Lea County, New Mexico for the production of oil from the Drinkard formation, said pool to bear the designation Vacuum-Drinkard Pool. Said Vacuum-Drinkard Pool was discovered by Texaco, Inc., State of New Mexico "R" NCT-4 No. 1, located in the E/2 NW/4, Unit C, of Section 7, Township 18 South, Range 35 East, NMPM. It was completed March 1, 1962. Top of perforations is 7997 feet.

(8) That there is need for certain extensions to the Artesia Pool, the Atoka-Pennsylvanian Gas Pool, the Empire-Abo Pool, the Loco Hills Pool, the Loco Hills-Abo Pool, the Red Lake Pool and the Turkey-Track Pool, all in Eddy County, New Mexico, the Blinebry Gas Pool, the Drinkard Pool, the Jalmat Gas Pool, the Justis-Blinebry Pool, the North Justis-Blinebry Pool, the North Justis-Devonian Pool, the North Justis-McKee Pool, the Justis Tubb-Drinkard Pool, the Lea-Sons Springs Pool, the Maljamar-Abo Pool, the Paddock Pool, the South Paddock Pool, the Pearl-Queen Pool, the Saunders-Permo Pennsylvanian Pool, the South Tonto-Yates Pool, the Tubb Gas Pool, the Vacuum-Abo Pool and the Vacuum-Queen Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the CLR-San Andres Pool, consisting of the following described area:

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TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM

Section 31: NW/4

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production, is hereby created and designated as the North Double X-Delaware Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM

Section 11: SE/4

(c) That a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production, is hereby created and designated as the Oil Center-Blinebry Pool, consisting of the following described area:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM

Section 4: Lots 9, 10, 15 & 16

(d) That a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the Quail Ridge-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

Section 21: W/2

Section 28: N/2

(e) That a new pool in Lea County, New Mexico, classified as an oil pool for Permo-Pennsylvanian production, is hereby created and designated as the East Saunders-Permo Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM

Section 17: SW/4

(f) That a new pool in Lea County, New Mexico, classified as an oil pool for Drinkard production, is hereby created and designated as the Vacuum-Drinkard Pool, consisting of the following described area:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

Section 7: N/2

Section 8: NW/4

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

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TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM

Section 34: NW/4

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM

Section 19: E/2

(i) That the Blinebry Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 30: E/2

(j) That the Drinkard Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 19: NE/4 SW/4

Section 30: W/2 NW/4

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM

Section 33: W/2 NW/4

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

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM

Section 8: SE/4 NE/4

Section 16: NE/4 SE/4

(l) That the Jalmat Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM

Section 33: E/2 NW/4

(m) That the Justis-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 26 SOUTH, RANGE 38 EAST, NMPM

Section 6: NW/4

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(n) That the North Justis-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 35: SE/4

Section 36: SW/4

(o) That the North Justis-Devonian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 35: SE/4

Section 36: SW/4

(p) That the North Justis-McKee Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 2: SE/4

(q) That the Justis Tubb-Drinkard Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 35: E/2 NE/4

(r) That the Lea-Bone Springs Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM

Section 1: SW/4

(s) That the Loco Hills Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM

Section 19: W/2 SE/4

(t) That the Loco Hills-Abo Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM

Section 21: S/2 NW/4

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(u) That the Maljamar-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM

Section 33: N/2 NE/4

(v) That the Paddock Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 30: W/2 NW/4

(w) That the South Paddock Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM

Section 29: E/2 SE/4

(x) That the Pearl-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM

Section 23: W/2 NE/4

Section 31: SE/4

(y) That the Red Lake Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM

Section 23: W/2 SE/4 & S/2 NW/4

(z) That the Saunders-Permo Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM

Section 16: NE/4

(aa) That the South Tonto-Yates Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM

Section 30: NW/4

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(bb) That the Tubb Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 38 EAST, NMPM

Section 6: N/2 NE/4

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

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM

Section 33: NW/4 NW/4

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM

Section 16: NE/4 NE/4

(dd) That the Vacuum-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

Section 6: SW/4

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM

Section 27: SE/4

Section 34: N/2 NW/4

(ee) That the Vacuum-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

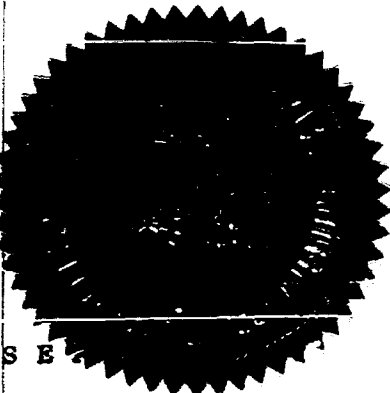
TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM

Section 6: W/2

IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be June 1, 1962.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

E. L. Mechem

EDWIN L. MECHEM, Chairman

E. S. Walker

E. S. WALKER, Member

A. L. Porter, Jr.

A. L. PORTER, Jr., Member & Secretary

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No. 15-62

DOCKET: REGULAR HEARING - WEDNESDAY - MAY 16, 1962

OIL CONSERVATION COMMISSION - 9 A.M., - HIGH SCHOOL AUDITORIUM - 1300
EAST SCHARBAUER, HOBBS, NEW MEXICO

- ALLOWABLE:**
- (1) Consideration of the oil allowable for June, 1962.
 - (2) Consideration of the allowable production of gas for June, 1962, for ten prorated pools in Lea and Eddy Counties, New Mexico, and also presentation of purchaser's nominations for said pools for the six-month period beginning July, 1962; consideration of the allowable production of gas for nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for June, 1962.

CASE 2558: Application of the Oil Conservation Commission, on its own motion and at the request of El Paso Natural Gas Company, to amend Rule 314.

It is proposed to amend Rule 314 by the addition of paragraph (i) thereto to further regulate the transportation of drip and to require the reporting of such transportation on Form C-110-A.

CASE 2559: Application of Gulf Oil Corporation for an amendment of Rule 112-A. Applicant, in the above-styled cause, seeks an amendment of Rule 112-A to delete that portion of said rule which requires that offset operators be notified of the taking of packer-leakage tests. Applicant further proposes that said rule be amended to provide for notification to an offset operator of the taking of such a test where the offset operator has previously requested that such notification be given.

CASE 2560: In the matter of the hearing called on the motion of the Oil Conservation Commission to consider the revision of Rules 201 and 1105 to eliminate the requirement that offset operators be notified prior to the commencement of well plugging operations.

CASE 2561: In the matter of the hearing called on the motion of the Oil Conservation Commission to consider revising Rule 111, Deviation Tests and Whipstocking. Applicant, in the above-styled cause, seeks an order revising Rule 111 to read in its entirety as follows:

RULE 111. DEVIATION TESTS AND WHIPSTOCKING

(a) Any well which is drilled or deepened with rotary tools shall be tested at reasonably frequent intervals to determine the deviation from the vertical and a tabulation thereof filed with Form C-105, Well Record. When such deviation averages more than five degrees in any 500-foot interval, no oil or gas shall be sold until it has been established that the bottom of the hole is on the proration unit assigned to the well by means of a deviational and directional survey. In lieu of said survey, the operator may, with specific approval of the Commission, establish the location of the bottom of the hole by filing a notarized tabulation of all deviation tests, assuming the deviation from the vertical and the drift to be in a constant and continuous direction to the nearest boundary of the proration unit.

(b) No well shall be whipstocked and directionally drilled without special permission from the Commission. Permission to whipstock to straighten a crooked hole, to sidetrack junk in the hole, or to control a blow-out may be obtained from the appropriate District Office of the Commission on Commission Form C-102, with copies of said Form C-102 being furnished all offset operators. Permission to whipstock for any other reason will be granted only after notice and hearing. Upon completion of any whipstocked well and prior to producing any oil or gas therefrom, a deviational and directional survey shall be conducted and a report thereof filed with the Commission.

CASE 2562:

Southeastern New Mexico nomenclature case calling for an order creating new pools and extending certain existing pools in Eddy, Lea and Roosevelt Counties, New Mexico.

- (a) Create a new oil pool for San Andres production, designated as the CLR-San Andres Pool, and described as:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
Section 31: NW/4

- (b) Create a new oil pool for Delaware production, designated as the North Double X-Delaware Pool and described as:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM
Section 11: SE/4

- (c) Create a new oil pool for Blinbry production, designated as the Oil Center-Blinbry Pool and described as:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 4: Lots 9, 10, 15 & 16

- (d) Create a new gas pool for Morrow production, designated as the Quail Ridge-Morrow Gas Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

Section 21: W/2

Section 28: N/2

- (e) Create a new oil pool for Permo Pennsylvanian production designated as the East Saunders Permo-Pennsylvanian Pool and described as:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM

Section 17: SW/4

- (f) Create a new oil pool for Drinkard production, designated as the Vacuum-Drinkard Pool and described as:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

Section 7: N/2 NW/4

- (g) Extend the Artesia Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM

Section 34: NW/4

- (h) Extend the Atoka-Pennsylvanian Gas Pool to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM

Section 19: E/2

- (i) Extend the Blinebry Gas Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 30: N/2

- (j) Extend the Drinkard Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 19: NE/4 SW/4

Section 30: W/2 NW/4

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM

Section 33: W/2 NW/4

- (k) Extend the Empire-Abo Pool to include:

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TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM

Section 16: NE/4 SE/4

- (l) Extend the Jalmat Gas Pool to include:

TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM

Section 33: E/2 NW/4

- (m) Extend the Justis-Blinebry Pool to include:

TOWNSHIP 26 SOUTH, RANGE 38 EAST, NMPM

Section 6: NW/4

- (n) Extend the North Justis-Blinebry Pool to include:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 35: SE/4

Section 36: SW/4

- (o) Extend the North Justis-Devonian Pool to include:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 35: SE/4

Section 36: SW/4

- (p) Extend the North Justis-McKee Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 2: SE/4

- (q) Extend the Justis Tubb-Drinkard Pool to include:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 35: E/2 NE/4

- (r) Extend the Lea-Bone Springs Pool to include:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM

Section 1: SW/4

- (s) Extend the Loco Hills Pool to include:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM

Section 19: W/2 SE/4

- (t) Extend the Loco Hills-Abo Pool to include:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
Section 21: S/2 NW/4

- (u) Extend the Maljamar-Abo Pool to include:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 33: N/2 NE/4

- (v) Extend the Paddock Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 30: W/2 NW/4

- (w) Extend the South Paddock Pool to include:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 29: E/2 SE/4

- (x) Extend the Pearl-Queen Pool to include:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM
Section 23: W/2 NE/4
Section 31: SE/4

- (y) Extend the Red Lake Pool to include:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 23: W/2 SE/4

- (z) Extend the Saunders-Permo Pennsylvanian Pool to include:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM
Section 16: NE/4

- (aa) Extend the South Tonto-Yates Pool to include:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 30: NW/4

- (bb) Extend the Tubb Gas Pool to include:

TOWNSHIP 23 SOUTH, RANGE 38 EAST, NMPM
Section 6: N/2 NE/4

- (cc) Extend the Turkey Track Pool to include:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
Section 33: NW/4 NW/4

- (dd) Extend the Vacuum-Abo Pool to include:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
Section 6: SW/4

- (ee) Extend the Vacuum-Queen Pool to include:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
Section 6: W/2

CASE 2563:

Northwestern New Mexico nomenclature case calling for an order creating new pools and extending certain existing pools in Rio Arriba and San Juan Counties, New Mexico.

- (a) Create a new oil pool for Gallup production, designated as the Lybrook-Gallup Oil Pool and described as:

TOWNSHIP 23 NORTH, RANGE 7 WEST, NMPM
Section 2: S/2
Section 4: SW/4
Section 9: N/2 and SE/4
Section 10: All
Section 11: All
Section 14: N/2 NE/4
Section 15: N/2 NW/4

- (b) Create a new pool classified as an oil pool for Gallup production, designated as the Mesa-Gallup Oil Pool and described as:

TOWNSHIP 32 NORTH, RANGE 18 WEST, NMPM
Section 14: W/2 SE/4
Section 23: NE/4
Section 24: W/2
Section 25: NW/4 NE/4 and NE/4 NW/4

- (c) Extend the Tapasito-Pictured Cliffs Pool, to include:

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM
Section 6: SW/4
Section 7: NW/4

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TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM

Section 5: NW/4

Section 6: NE/4

- (d) Extend the Puerto Chiquito-Gallup Oil Pool to include:

TOWNSHIP 26 NORTH, RANGE 1 EAST, NMPM

Section 5: NW/4

Section 6: SE/4 NE/4

iqg/

JFK

NOMENCLATURE ADVERTISEMENT FOR MAY 1962
CASE 2562

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools, and the extension of certain existing pools, in Eddy, Lea and Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

a) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for San Andres production, designated as the CLR-San Andres Pool, and described as:

✓ TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
SECTION 31: NW/4

b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production, designated as the North Double X-Delaware Pool, and described as:

✓ TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM
SECTION 11: SE/4

c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Blinbry production, designated as the Oil Center-Blinbry Pool, and described as:

✓ TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
SECTION 4: Lots 9, 10, 15 & 16

d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production, designated as the Quail Ridge-Morrow Gas Pool, and described as:

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 21: W/2
SECTION 28: N/2

e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Permo Pennsylvanian production, designated as the East Saunders-Permo-Pennsylvanian Pool, and described as:

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM
SECTION 17: SW/4

f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Drinkard production, designated as the Vacuum-Drinkard Pool, and described as:

✓ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 7: N/2 NW/4

g) EXTEND the Artesia Pool in Eddy County, New Mexico, to include therein:

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✓ TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 34: NW/4

h) EXTEND the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
SECTION 19: E/2

i) EXTEND the Blinebry Gas Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 30: N/2

j) EXTEND the Drinkard Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 19: NE/4 SW/4
SECTION 30: W/2 NW/4

✓ TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
SECTION 33: W/2 NW/4

k) EXTEND the Empire-Abo Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
SECTION 16: NE/4 SE/4

l) EXTEND the Jalmat Gas Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 23 SOUTH, RANGE 36 EAST, NMPM
SECTION 33: E/2 NW/4

m) EXTEND the Justis-Blinebry Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 26 SOUTH, RANGE 38 EAST, NMPM
SECTION 6: NW/4

n) EXTEND the North Justis-Blinebry Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 35: SE/4
SECTION 36: SW/4

o) EXTEND the North Justis-Devonian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 35: SE/4
SECTION 36: SW/4

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p) EXTEND the North Justis-McKee Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 2: SE/4 ✓

q) EXTEND the Justis/Tabb/Drinkard Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 35: E/2 NE/4 ✓

r) EXTEND the Lea-Rene Springs Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM
SECTION 1: SW/4 ✓

s) EXTEND the Loco Hills Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
SECTION 19: W/2 SE/4 ✓

t) EXTEND the Loco Hills-Abo Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 21: S/2 NW/4 ✓

u) EXTEND the Maljamar-Abo Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
SECTION 33: N/2 NE/4 ✓

v) EXTEND the Paddock Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 30: W/2 NW/4 ✓

w) EXTEND the South Paddock Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
SECTION 29: E/2 SE/4 ✓

x) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM
SECTION 23: W/2 NE/4
SECTION 31: SE/4 ✓

y) EXTEND the Red Lake Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 23: W/2 SE/4 ✓

-4- May, 1962 Nomenclature

z) EXTEND the Saunders-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM
SECTION 16: NE/4 ✓

aa) EXTEND the South Tonto-Yates Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
SECTION 30: NW/4 ✓

bb) EXTEND the ^{Gas}Tubb Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 23 SOUTH, RANGE 38 EAST, NMPM
SECTION 6: N/2 NE/4 ✓

cc) EXTEND the Turkey Track Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
SECTION 33: NW/4 NW/4 ✓

dd) EXTEND the Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 6: SW/4 ✓

ee) EXTEND the Vacuum-Queen Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
SECTION 6: W/2 ✓

BEFORE THE
OIL CONSERVATION COMMISSION
High School Auditorium
1300 East Scharbauer
Hobbs, New Mexico

May 16, 1962

REGULAR HEARING

IN THE MATTER OF:

Southeastern New Mexico nomenclature case
calling for an order creating new pools and
extending certain existing pools in Eddy,
Lea and Roosevelt Counties, New Mexico.

CASE NO.
2562

BEFORE: Edwin L. Mechem, Governor
E. S. "Johnny" Walker, Land Commissioner
A. L. "Pete" Porter, Secretary-Director of Commission

TRANSCRIPT OF HEARING

MR. PORTER: Next case is 2562.

MR. MORRIS: Southeastern New Mexico nomenclature case.

JOHN B. RUNYAN,

called as a witness, having been first duly sworn, was examined
and testified as follows:

DIRECT EXAMINATION

BY MR. MORRIS:

Q State your name and position, please.

A John W. Runyan, geologist for the Oil Conservation Com-
mission.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6631



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691

Q Mr. Runyan, are you prepared to recommend to the Commission today that it create certain new pools and extend other existing pools in Eddy, Lea and Roosevelt Counties, New Mexico?

A Yes, sir.

Q And has this been prepared and designated as Exhibit No. 1 in this case, which reflects your recommendations?

A Yes, sir.

(Exhibit No. 1 marked
for identification.)

Q Now, referring to Exhibit No. 1 in this case, Paragraph (a) of this exhibit, what is your recommendation with respect to the creation of a new oil pool designated CLR-San Andres?

A I recommend that the pool, that the creation of the pool be dismissed for further study.

Q Referring to Paragraph (b) of the Exhibit, what is your recommendation concerning the creation of a new oil pool for North Double X-Delaware?

A I recommend a new oil pool be created, designated as the North Double X-Delaware in the language as shown in Paragraph (b) in Exhibit 1: Discovery well: Curtis Hankamer-Gulf Hanagan Federal No. 1 in Unit P of Section 11-24-32. Completed in Delaware April 2, 1962. Top of perforations 4974 feet.

Q Referring to Paragraph (c) of your exhibit, what is the recommendation concerning the creating of new oil pool for Blinebry production?



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PHONE 243-6691

A I recommend a new oil pool be created and designated as the Oil Center-Blinebry Pool and limits to be the preliminary information of a horizontal limit as shown in Paragraph (c), of Exhibit 1: Discovery Well: Continental Oil Company - Meyer B-4 No. 19 in Unit C of Section 4-21-36. Completed in Blinebry February 11, 1962. Top of perforation 5907 feet. Section 4: Township 21 South, Range 36 East, NMPM, Lots 9, 10, 15 and 16.

Q Referring to Paragraph (d) of Exhibit No. 1, what is your recommendation on creating a new pool for Quail Ridge-Morrow?

A I recommend a new gas pool be created and designated as the Quail Ridge-Morrow gas pool, vertical limits to be the Morrow formation and the horizontal limits as shown in Paragraph (d), of Exhibit 1. Discovery Well was El Paso Natural Gas Company Mescalero Ridge Unit Well No. 1 in Unit D of Section 21-19-34. Completed in Morrow August 30, 1961. Top of perforation 13,328 feet.

Q Referring to Paragraph (e), what is your recommendation concerning the creation of a new pool for Permo-Pennsylvanian?

A I recommend a new oil pool be created and designated as East Saunders Permo-Pennsylvanian, vertical limits to be the Permo-Pennsylvanian formation and horizontal limits as shown in Exhibit (e) of Exhibit 1. Discovery Well: Kern County Land Company-State No. 1 in Unit K of Section 17-14-34. Completed in Permo-Pennsylvanian March 22, 1962. Top of perforations 10,363 feet.



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FARMINGTON, N. M.
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ALBUQUERQUE, N. M.
PHONE 243.6691

Q What is your recommendation concerning creation of a new oil pool for Vacuum-Drinkard?

A I recommend a new pool for Drinkard production, designated as the Vacuum-Drinkard Pool, vertical limits to be the Vacuum and horizontal as shown in Paragraph (f), in Exhibit 1: Discovery Well: Texaco, Inc. State of New Mexico "R" NCT-4 No. 1 in Unit C of Section 7-18-35. Completed in Drinkard March 1, 1962. Top of perforations 7997 feet as shown in Paragraph (f).

Q Mr. Runyan, Paragraph (g) through (z) of your Exhibit No. 1 are all recommendations for the extension of certain existing pools, is that correct?

A That is correct.

Q And your recommendation is that these be extended as shown on your Exhibit No. 1?

A Yes, sir, with certain paragraphs having an additional acreage.

Q But those paragraphs in that additional acreage is a part of your Exhibit No. 1, is that correct?

A That is correct.

MR. MORRIS: If the Commission please, we offer Exhibit No. 1 in the Southern New Mexico Nomenclature Case and recommend the pools be created and extended as shown on that exhibit, and that concludes the direct examination of Mr. Runyan.

MR. PORTER: No objection, the exhibits will be admitted to the record.



(Whereupon New Mexico Oil Conservation Commission's Exhibit No. 1 was admitted in evidence.)

MR. PORTER: Mr. Runyan, you may be excused.

Nothing further to be added in this case, the Commission will take it under advisement.

* * * * *

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691



STATE OF NEW MEXICO)
) ss.
 COUNTY OF BERNALILLO)

I, JAMES MALONEY, NOTARY PUBLIC in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached transcript of proceedings was reported by me in stenotype and that the same was reduced to typewritten transcript under my personal supervision and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

James Maloney
 NOTARY PUBLIC

My Commission Expires:

April 12, 1966

DEARNLEY-MEIER REPORTING SERVICE, Inc.

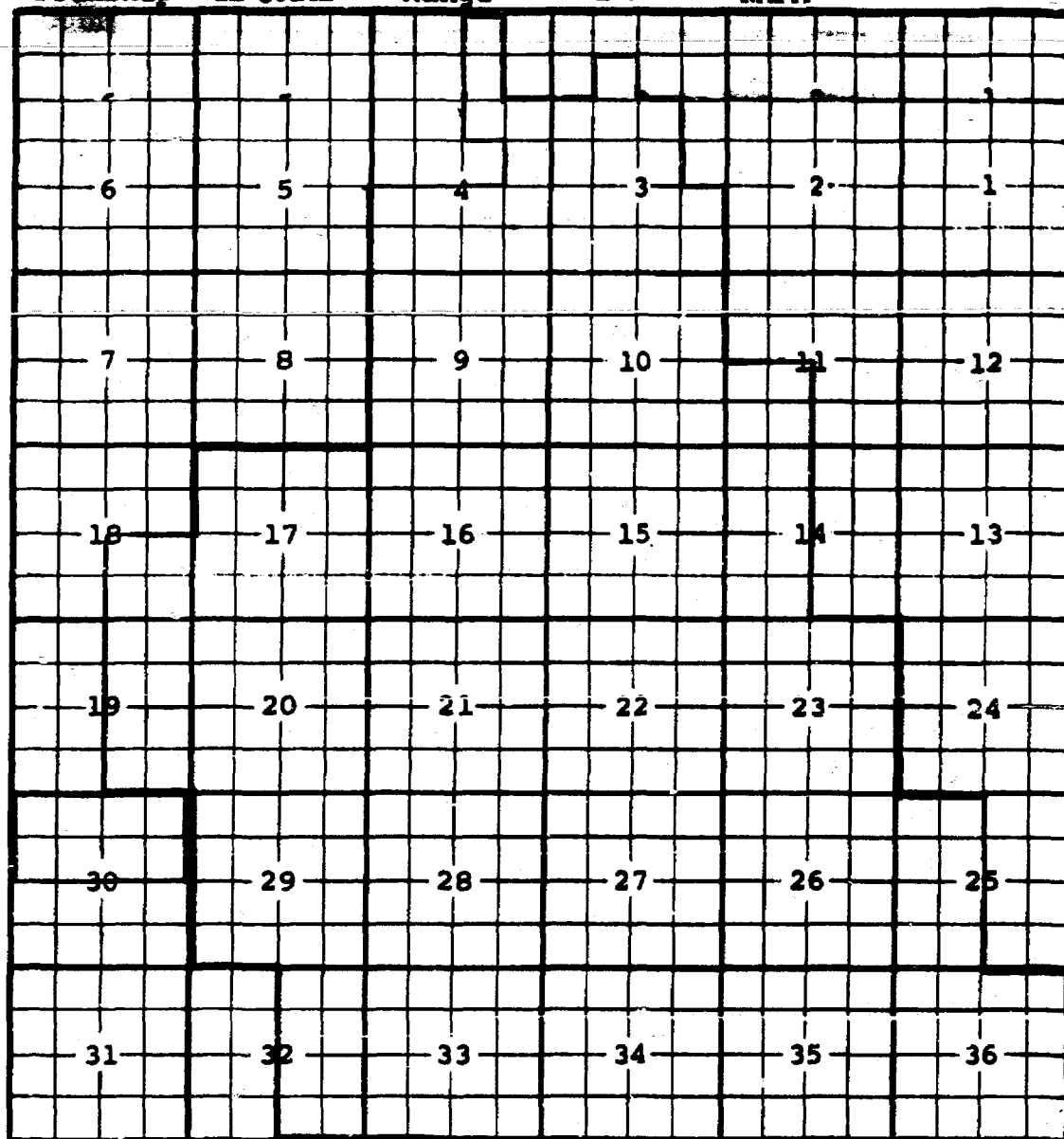
FARMINGTON, N. M.
 PHONE 325-1182

ALBUQUERQUE, N. M.
 PHONE 243-6691



CASE 2562: (i) EXTENSION OF AN EXISTING GAS POOL

County LEA Pool BLINEBRY GAS
 Township 21 South Range 37 East NMPM



PURPOSE: One (1) completed gas well capable of producing
 TEXACO, INC. V. M. Henderson No. 6 in Unit C of Section 30-21-37. Completed
 in Blinebry October 18, 1961. Top of Perforations 5539'

Pool boundary colored in red.

Proposed estension colored in green: SECTION 30: N/2

CASE 2562: (3) EXTENSION OF AN EXISTING OIL POOL (CONTINUED ON NEXT PAGE)

| County | LEA | Pool | DRINKARD |
|----------|----------|-------|--------------|
| Township | 21 South | Range | NMPM 37 East |
| 6 | 5 | 4 | 3 |
| 7 | 8 | 9 | 10 |
| 18 | 17 | 16 | 15 |
| 19 | 20 | 21 | 22 |
| 30 | 29 | 28 | 27 |
| 31 | 32 | 33 | 34 |

PURPOSE: Three (3) oil wells completed and capable of producing
PAN AMERICAN PETROLEUM CORPORATION-State CK No. 2 in Unit K of Section 19-21-37.
Completed in Drinkard March 1, 1962. Top of Perforations 6649'
TEXACO, INC., -V. M. Henderson No. 8 in Unit E of Section 30-21-37. Completed
in Drinkard March 15, 1962. Top of Perforations 6618'

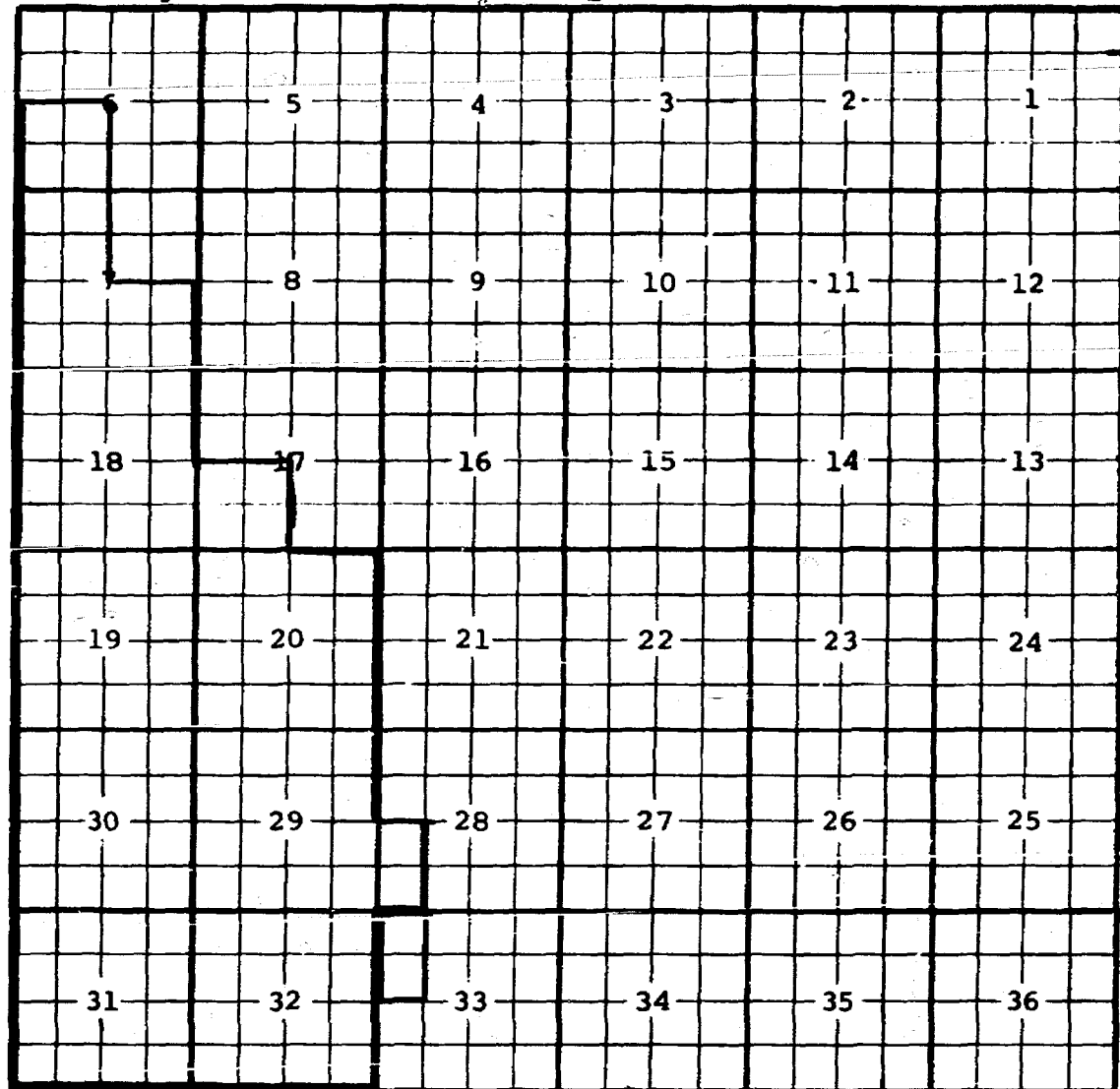
Pool boundary colored in red:

Proposed extensions colored in green: SECTION 19: NE/4 SW/4
SECTION 30: W/2 NW/4

CASE 2562: (j) EXTENSION OF AN EXISTING OIL POOL (Continued)

County LEA Pool DRINKARD

Township 22 South Range 38 East NMPM



PURPOSE: As stated on page 1 of this exhibit

TEXACO, Inc.-A. H. Blinbry NCT-1 No. 15 in Unit D of Section 33-22-38.

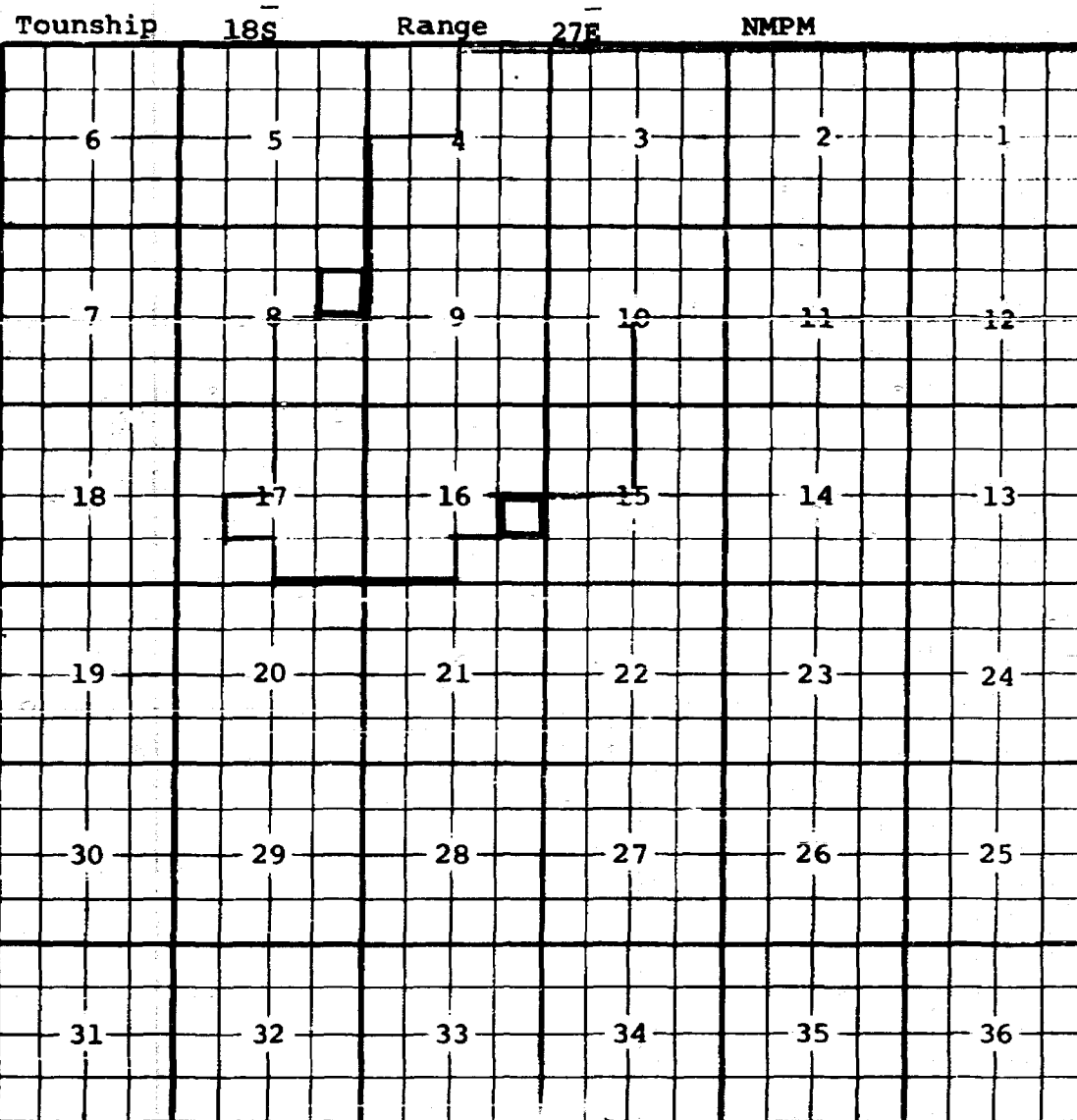
Completed in Drinkard March 5, 1962. Top of Perforations 6908'

Pool boundary colored in red.

Proposed extension colored in green. SECTION 33: W/2 NW/4

CASE 2562: (k) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool Empire Abo



Purpose: Two completed oil well capable of producing.

Pan American Pet. Corp. St. CE No. 2 in Unit I of Section 16-18-27. Completed in Abo March 1, 1962.

Top of perforations 6046.

ADDITION: Humble Oil & Refining Co., ABCD Unit No. 3P in Unit H of Section 8-18-27. Completed in Abo January 17, 1962.

Top of perforations 5260.

Pool boundary colored in red.

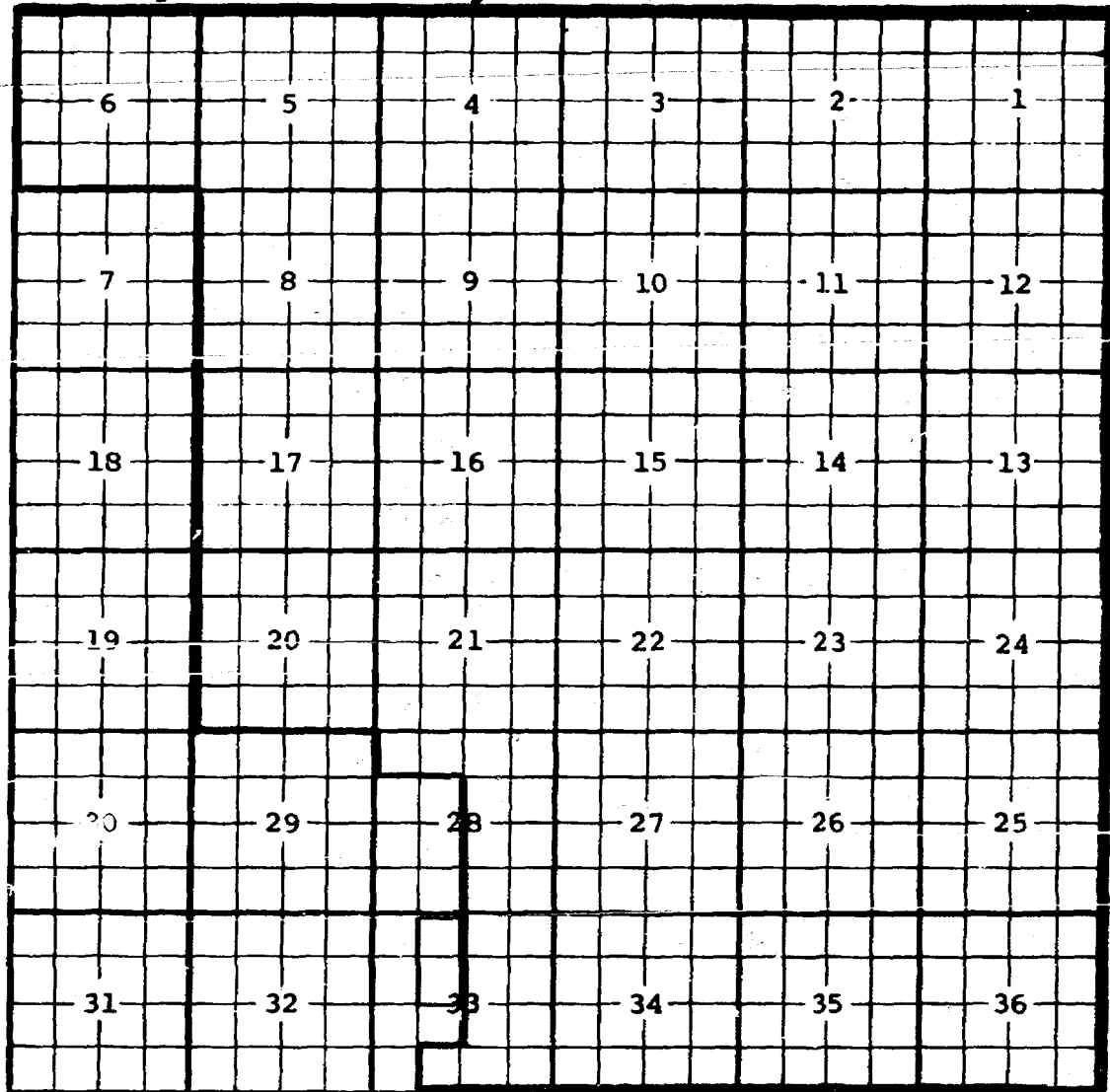
Proposed extensions colored in green: Section 16 NE/4 SE/4

ADDITION: Section 8 SE/4 NE/4

CASE 2562: (1) EXTENSION OF AN EXISTING GAS POOL

County LEA Pool JALMAT GAS POOL

Township 23 South Range 36 East NMPM



PURPOSE: One (1) completed oil well capable of producing.

J. T. Langham-Whitten No. 1 in Unit C of Section 33-23-36. Completed in Yates March 15, 1962. Top of perforations 3627'

Pool boundary colored in red.

Proposed extension colored in green: SECTION 33: E/2 NW/4

CASE 2562: (m) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool JUSTIS-BLINEBRY

Township 26 South Range 38 East NMPM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: One (1) completed oil well capable of producing

RALPH LOWE-M. D. Self No. 5-in Unit D of Section 6-26-38. Completed February 28, 1962
in Blinebry. Top of Perforations 5114'

Pool boundaries colored in red.

Proposed extension colored in green. SECTION 6: NW/4

CASE 2562: (n) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH JUSTIS-BLINEBRY

Township 24 South

Range 37 East

NMPM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: Two (2) completed oil wells capable of producing

TEXACO, INC., -G. L. Erwin "b" NCT-2 No. 2 in Unit J of Section 35-24-37.

Completed in Blinebry March 1, 1962.

TEXACO, INC., -G. L. Erwin (b) NCT-2 No. 4 in Unit O of Section 35-24-37.

Completed in Blinebry April 20, 1962.

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 35: SE/4

SECTION 36: SW/4

CASE 2562: (o) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH JUSTIS-devonia

Township 24 South Range 37 East NMPM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: Two (2) completed oil wells capable of producing
 TEXACO, INC., -G. L. Erwin (b) NCT-2 Well No. 2 in Unit J of Section 35-24-37.
 Completed in Devonian March 16, 1962. Top of Perforations 7022'
 TEXACO, INC., -G. L. Erwin (b) NCT-2 Well No. 3 in Unit I of Section 35-24-37.
 Completed in Devonian April 20, 1962. Top of Perforations 6900'

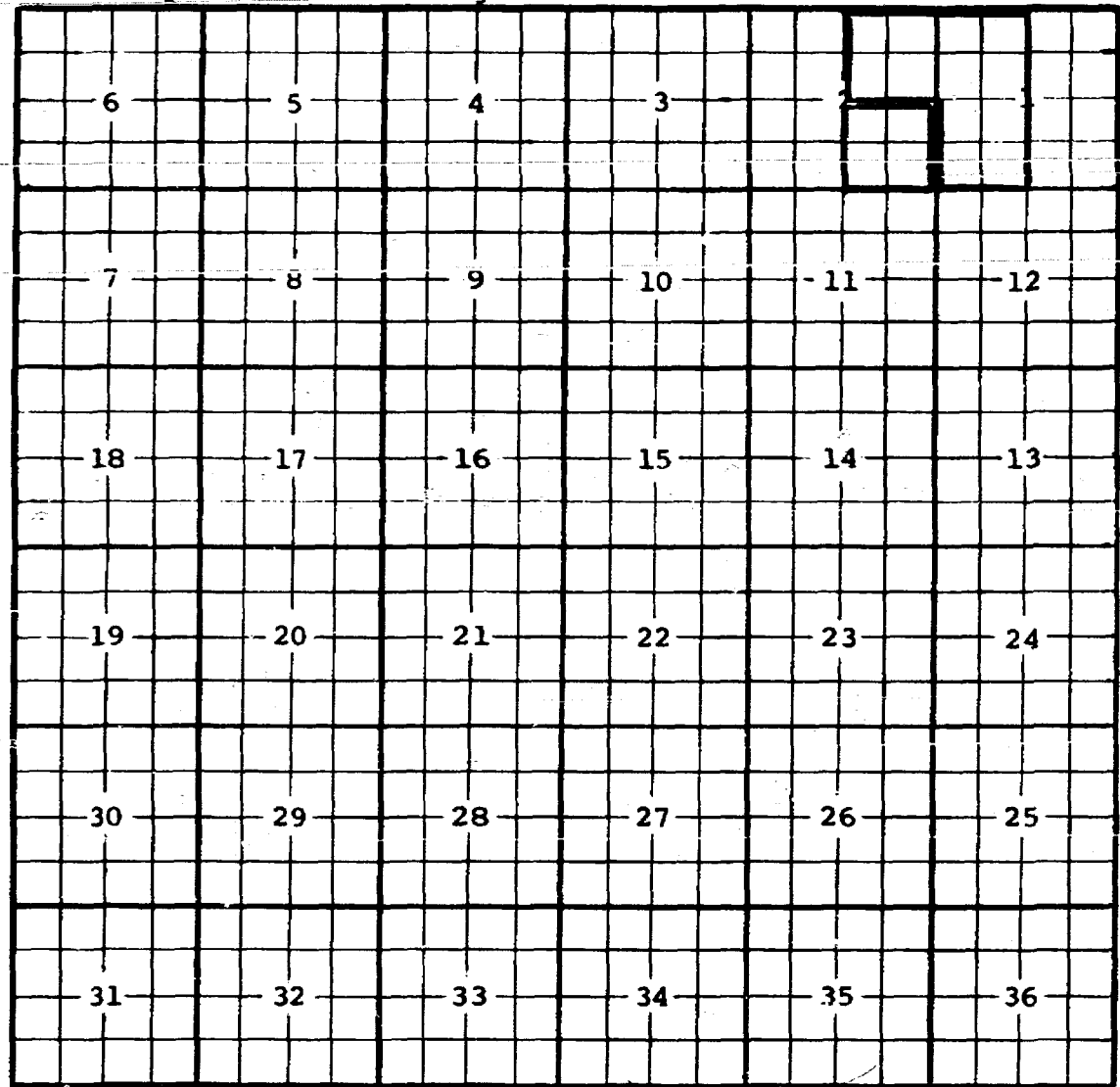
Pool boundary colored in red.

Proposed extensions colored in green: SECTION 35: SE/4
 SECTION 36: SW/4

CASE 2562: (p) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH JUSTIS-MCKEE

Township 25 South Range 37 East NMPM



PURPOSE: One (1) completed oil well capable of producing.

HUMBLE OIL & REFINING COMPANY-New Mexico State "BM" No. 1 in Unit I of
Section 2-25-37. Completed in McKee February 25, 1962. Top of perforations 8074'

Pool boundaries colored in red.

Proposed extensions colored in green. Section 2: SE/4

CASE 2562: (q) EXTENSION OF AN EXISTING OIL POOL

County LEA

POOL JUSTIS TUBB-DRINKARD

Township 25 South

Range 37 East

NMPM

A 6x6 grid with numbered squares. The numbers are arranged as follows:

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: (1) One completed oil well capable of producing.

CACTUS DRILLING COMPANY-Federal 35 No. 1 in Unit A of Section 35-25-37.

Completed in Tubb March 28, 1962. Top of Perforations 5831'

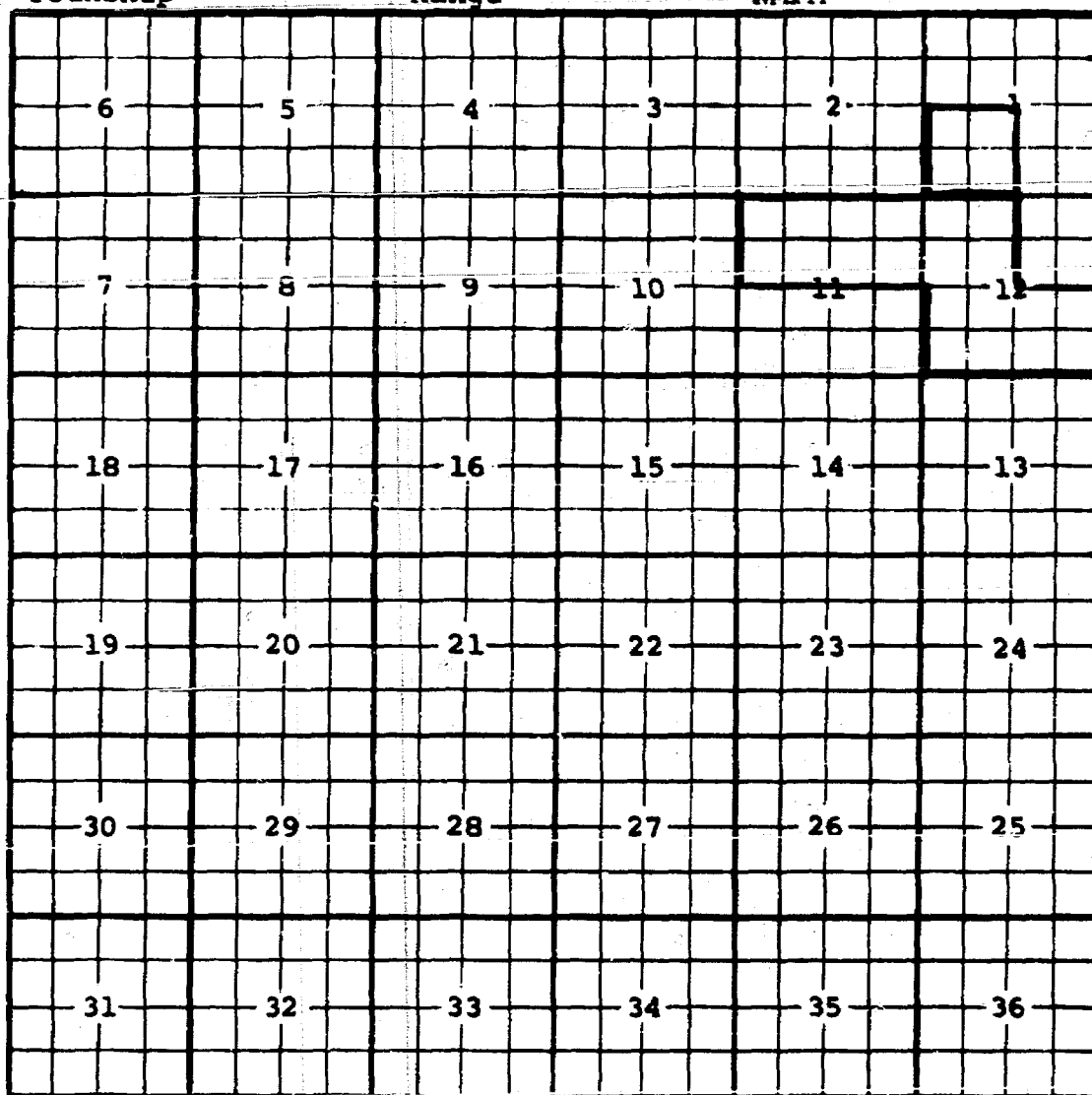
Pool boundary colored in red.

Proposed extension colored in green. SECTION 35: E/2 NE/4

CASE 2562: (r) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool LEA-BONE SPRINGS

Township 20 South Range 34 East NMPM



PURPOSE: One (1) completed oil well capable of producing.

TEXACO, INC., -K. F. Quail Federal No. 1 in Unit L of Section 1-20-34.

Completed in Bone Springs March 1, 1962. Top of perforations 9601'

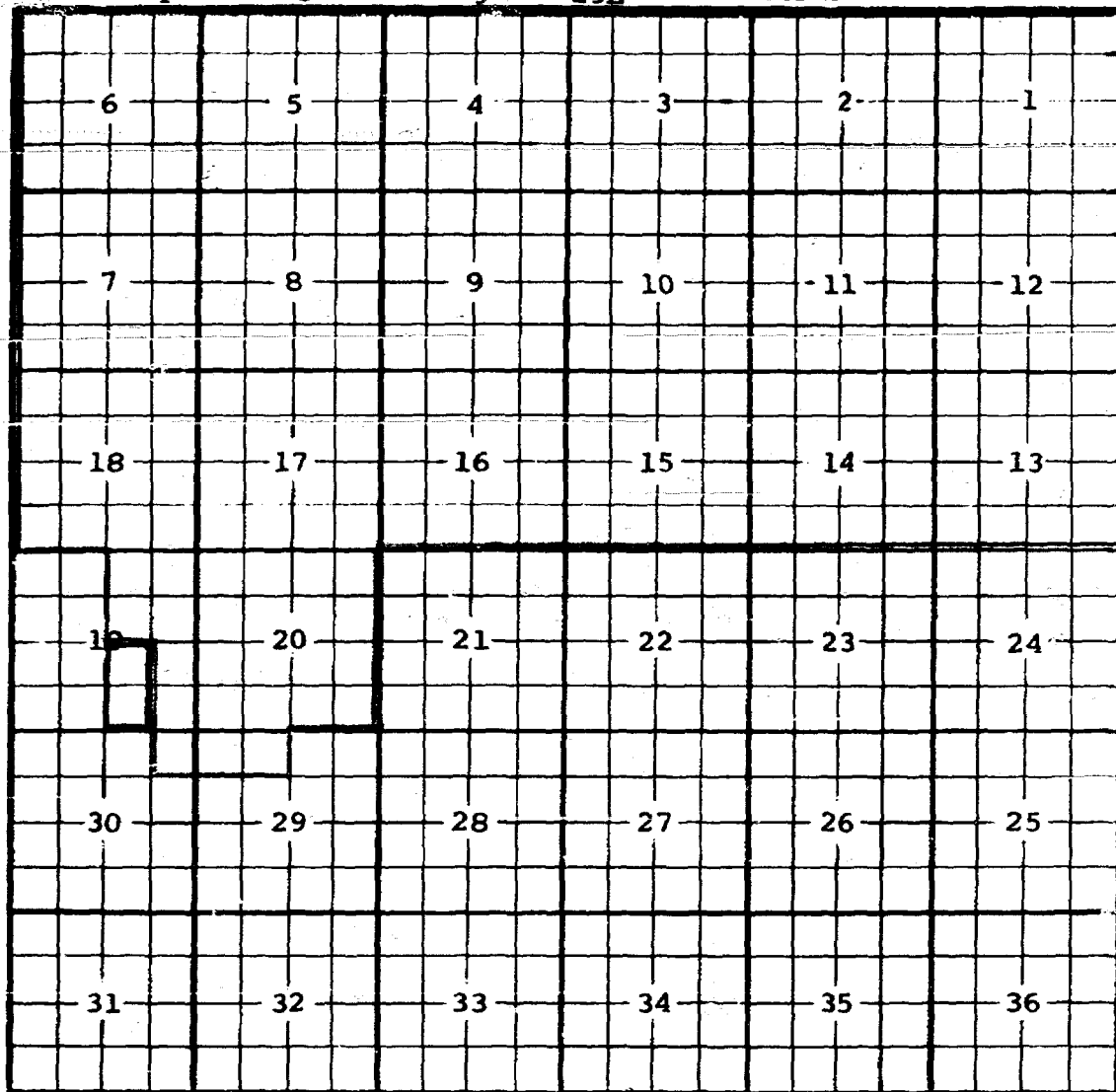
Pool boundary colored in red.

Proposed extension colored in green. SECTION 1: SW/4

CASE 2562: (s) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool Loco Hills

Township 18S Range 29E NMPM



Purpose: Two completed oil wells capable of producing.

S.P. Yates & Martin Yates III - Travis No. 2 in Unit O of
Section 19-18-29. Completed in Grayburg 3-10-62.

Top of perforations 2344.

ADDITION: Harvey E. Yates Travis No. 14 in Unit J of
Section 19-18-29. Completed in Grayburg April 11, 1962.

Top of perforations 2344.

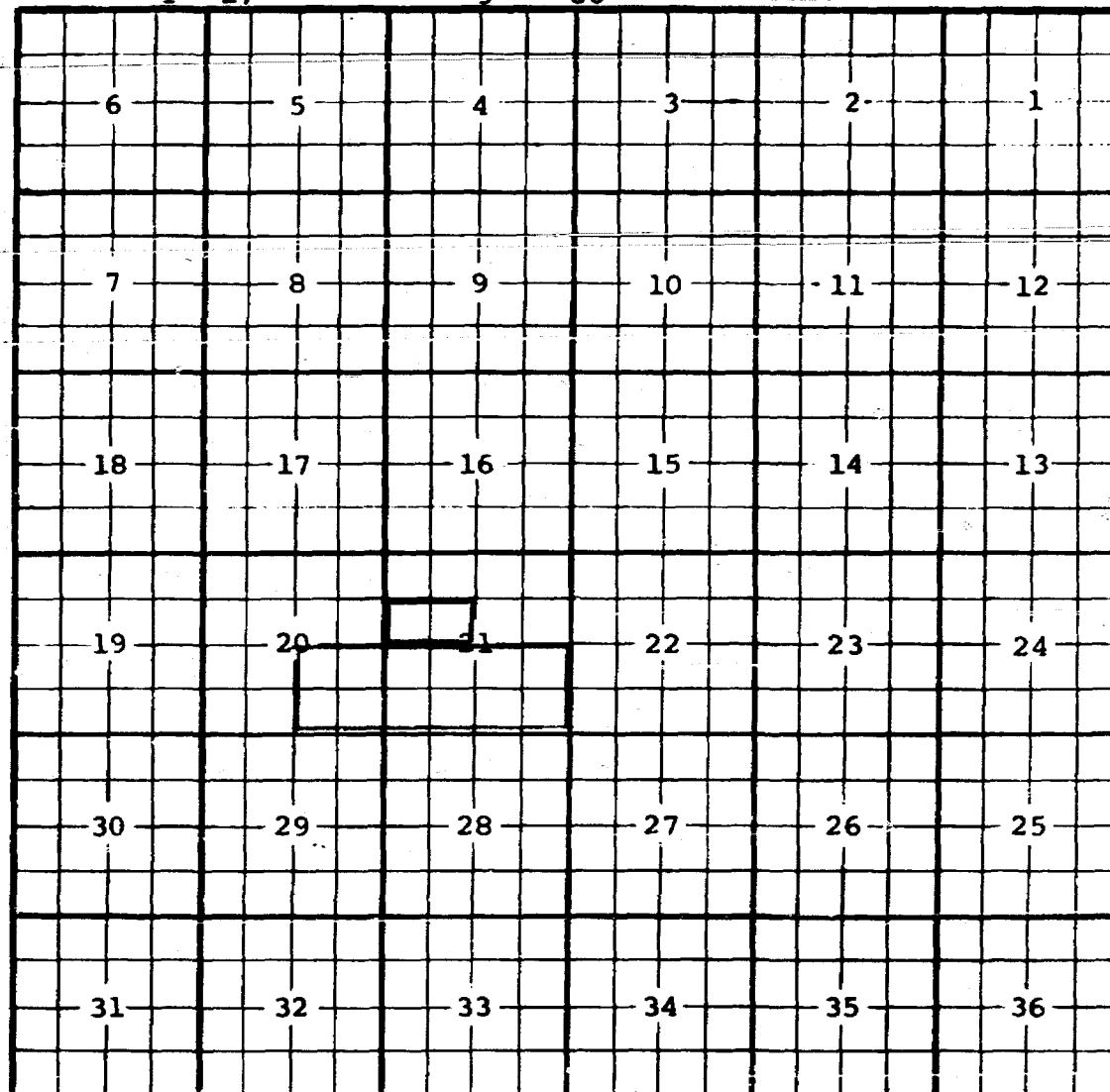
Pool boundary colored in red.

Proposed extensions colored in green: Section 19 W/2 SE/4

CASE 2562: (t) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool Loco Hills Abo

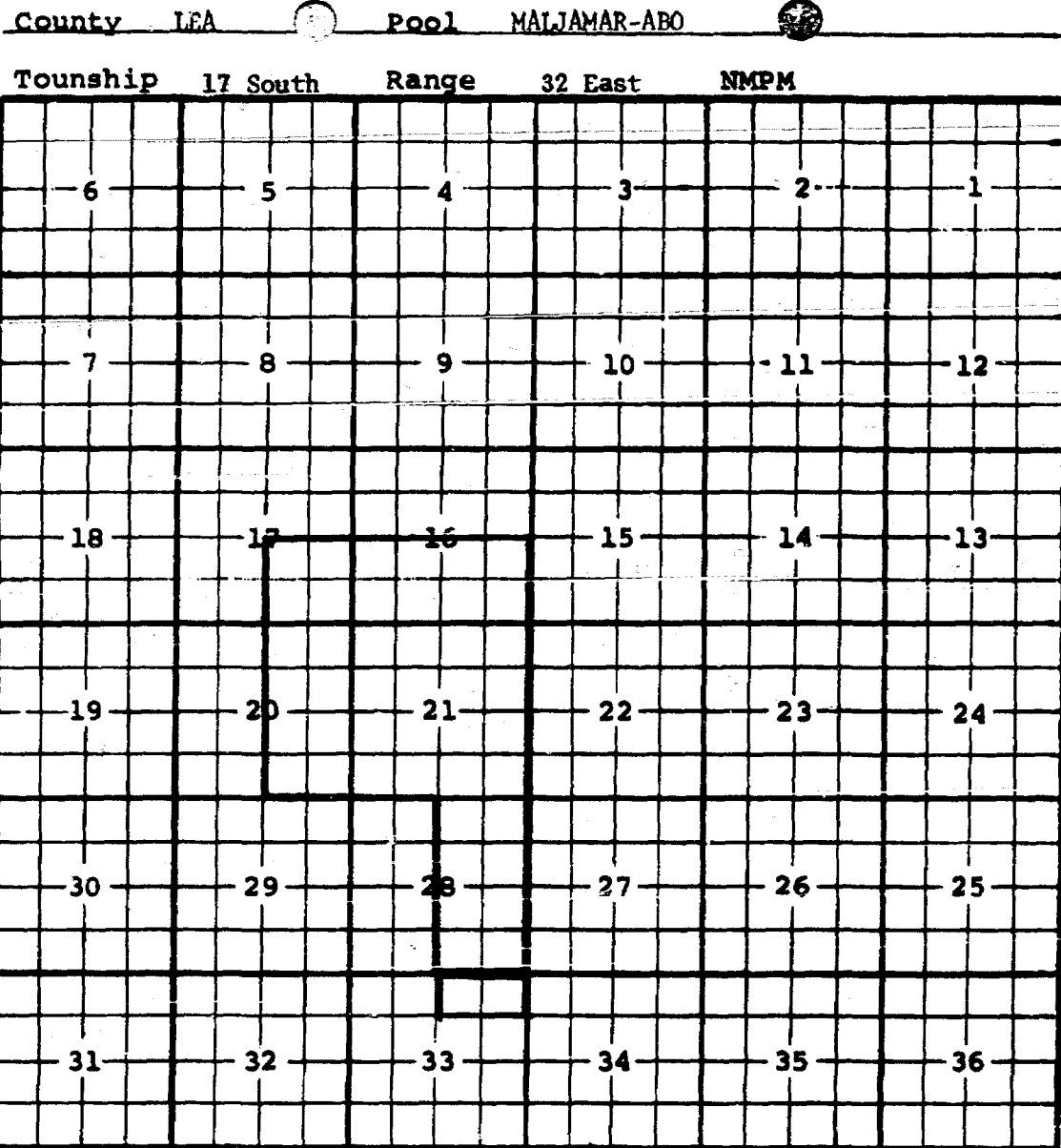
Township 17 Range 30 NMPM



Purpose: One completed oil well capable of producing.
Graridge Corp. Berry "A" Fed. No. 4 unit F of Section 21-17-30.
Completed in Abo March 8, 1962. Top of perforations 6854.

Pool boundary colored in red.
Proposed extensions colored in green: Section 21 S/2 NW/4

CASE 2562: (u) EXTENSIONS OF AN EXISTING OIL POOL



PURPOSE: One (1) Completed oil well capable of producing.
 PAN AMERICAN PETROLEUM CORPORATION-USA Paul Love No. 1 in Unit A of Section 33-17-32.
 Completed in Abo February 24, 1962. Top of Perforations 8214'

Pool boundary colored in red.
 Proposed extensions colored in green. SECTION 33: N/2 NE/4

CASE 2562: (v) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool PADDOCK

Township 21 South Range 37 East NMPM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: One (1) completed oil well capable of producing.

TEXACO, INC.-V. M. Henderson No. 8 in Unit E of Section 30-21-37. Completed in Paddock March 14, 1962. Top of perforations 5174'

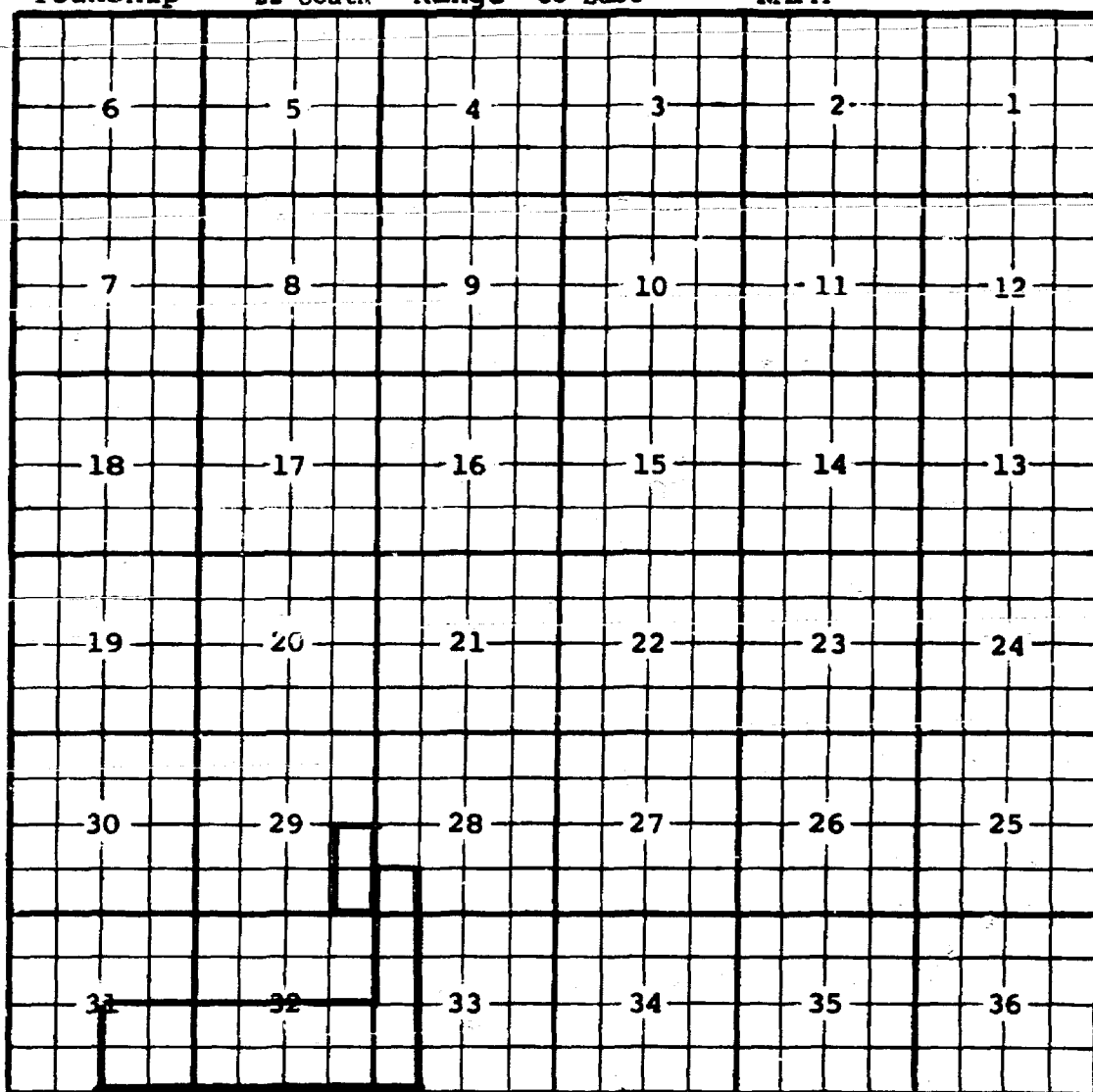
Pool boundary colored in red.

Proposed extension colored in green. SECTION 30: W/2 NW/4

CASE 2562: (w) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool SOUTH PADDOCK

Township 22 South Range 38 East NMPM



PURPOSE: One (1) completed oil well capable of producing.

GULF OIL CORPORATION-L. N. Higgins No. 2 in Unit I of Section 29-22-38.

Completed in Paddock March 17, 1962. Top of Perforations 5266'

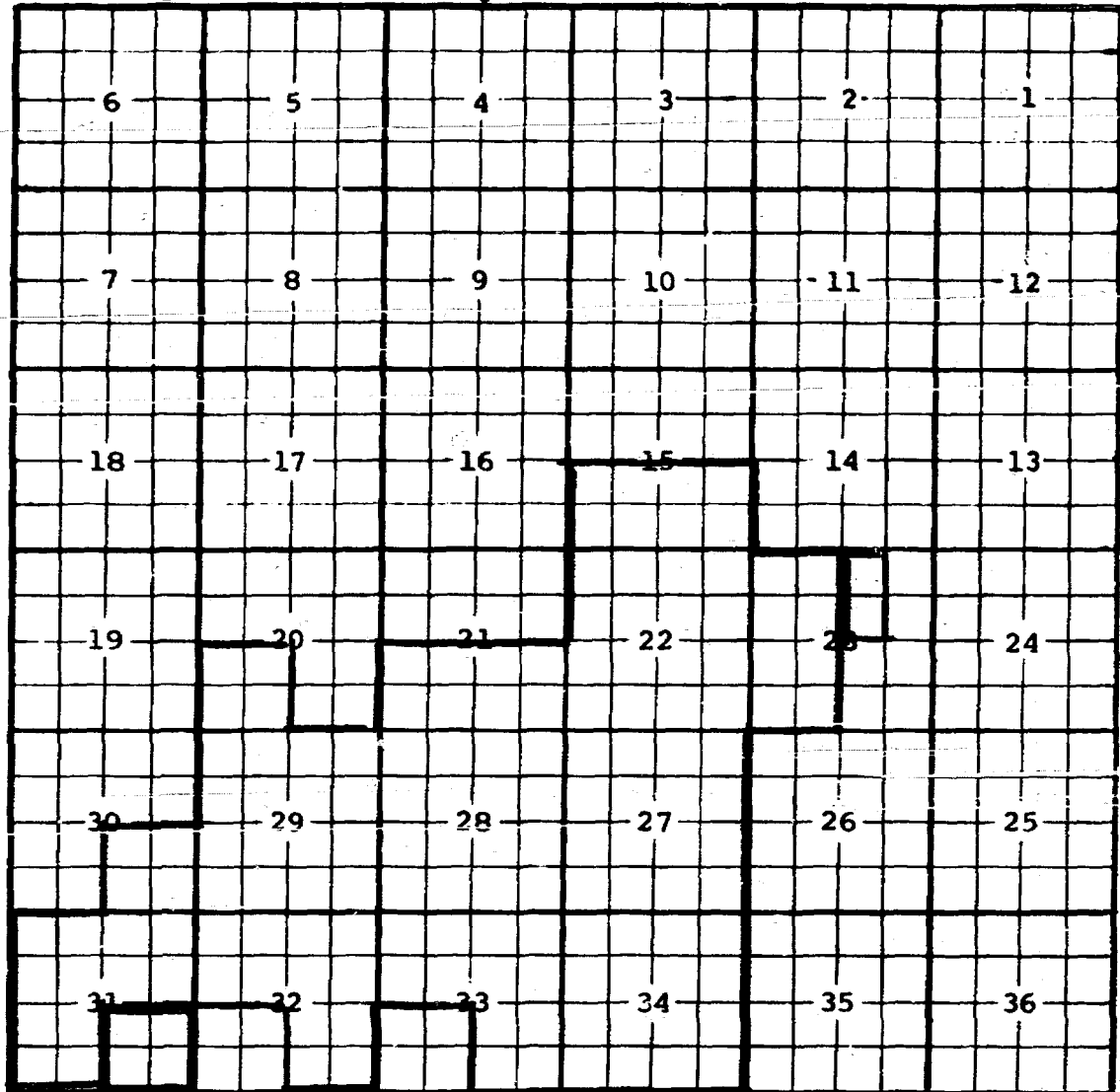
Pool boundary colored in red.

Proposed extensions colored in green. SECTION 29: E/2 SE/4

CASE 2562: (x) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool PEARL-QUEEN

Township 19 South Range 35 East NMPM



PURPOSE: Two (2) completed oil wells capable of producing.

CACTUS DRILLING COMPANY-Aztec State No. 7 in Unit J of Section 31-19-35.

Completed in Queen February 10, 1962. Depth of Casing Shoe 4984'

EARL G. COLTON-Texaco Hamon No. 1 in Unit B of Section 23-19-35. Completed in Queen April 1, 1962. Top of Perforations 4943'

Pool boundary colored in red.

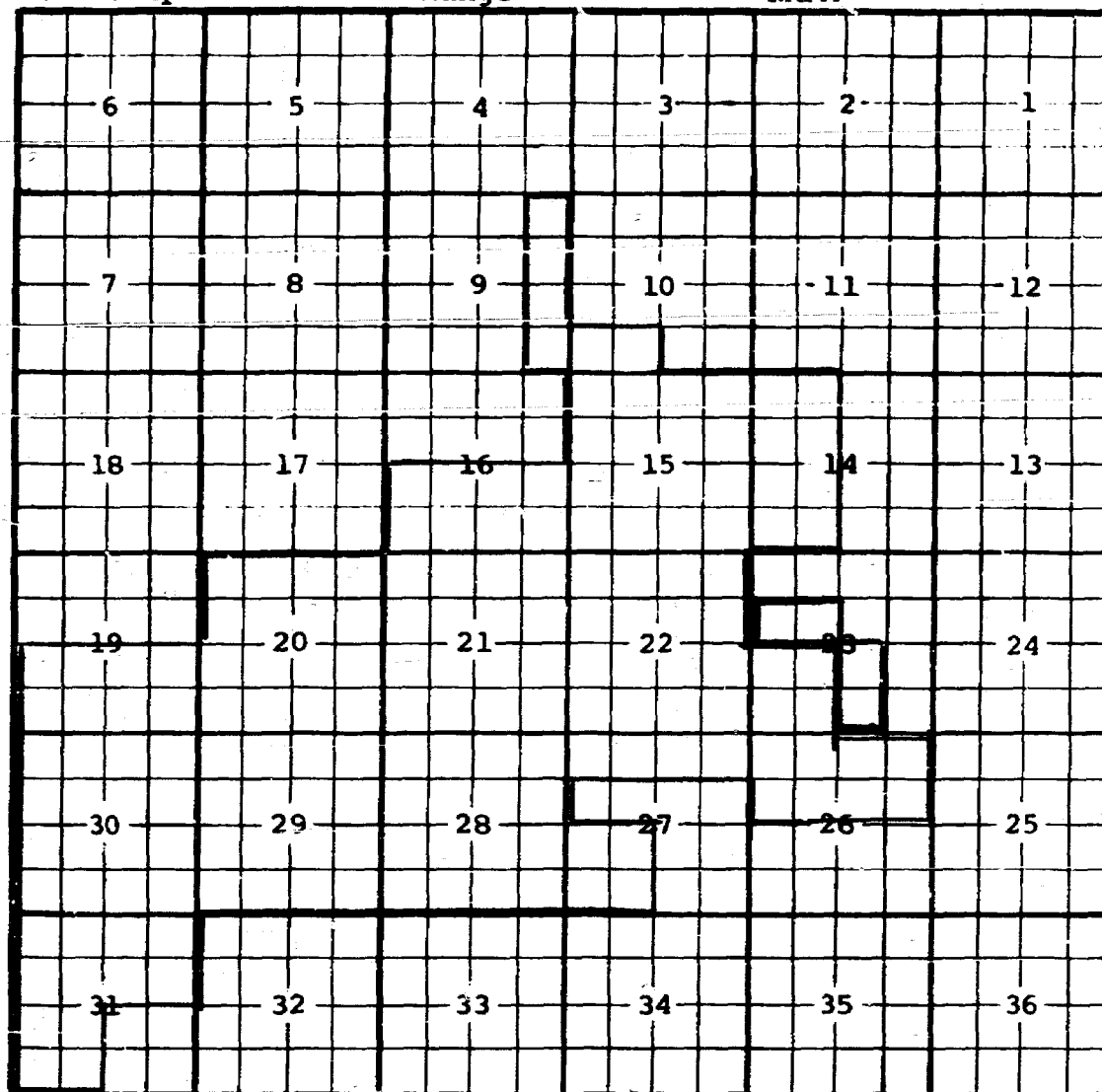
Proposed extensions colored in green. SECTION 23: W/2 NE/4

SECTION 31: SE/4

CASE 2562: (y) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool Red Lake

Township 17 Range 28 NMPM



Purpose: Two completed oil wells capable of producing.
Kincaid & Watson Drilling Co., Humble No. 1 in Unit J of
Section 23-17-28. Completed in Premier March 7, 1962.
Top of perforations 2155.

ADDITION: Kincaid & Watson Drlg. Co. Hondo Fed. No. 1 in Unit
F of Section 23-17-28. Completed in premier April 14, 1962.
Top of perforations 2124.

Pool boundary colored in red.

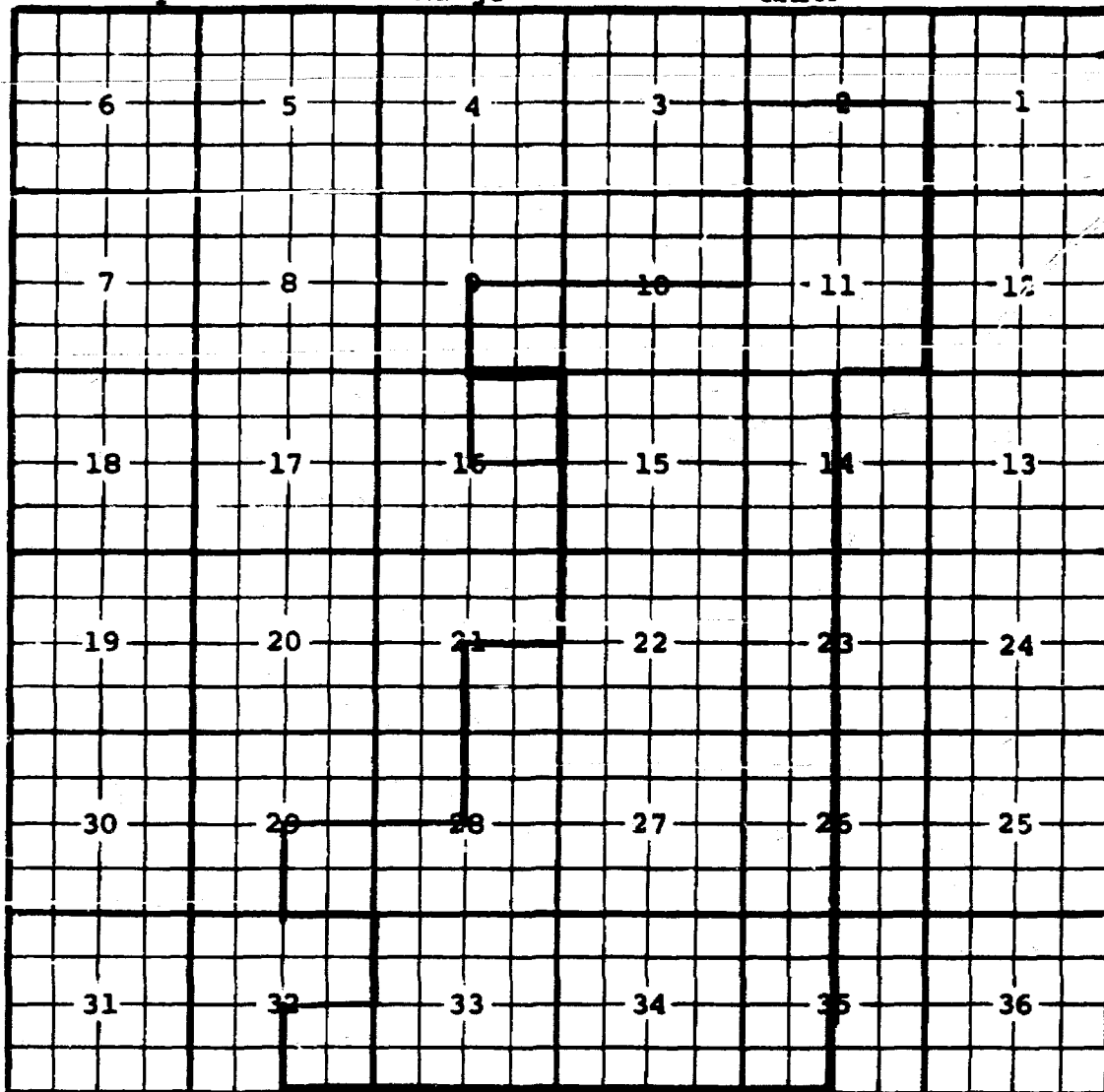
Proposed extensions colored in green: Section 23 W/2 SE/4

ADDITION: Section 23 S/2 NW/4

CASE 2562: (z) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool SAUNDERS-PERMO PERMYANIAN

Township 14 South Range 33 East NMPM



PURPOSE: One (1) completed oil well capable of producing.

TEXACO, INC., -State of New Mexico "BC" NCT-2 No. 1 in Unit A of Section 16-14-33.

Completed in Wolfcamp February 21, 1962. Top of Perforations 9902'

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 16: NE/4

CASE 2562: (aa) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool SOUTH TONTO-YATES

Township 19 South Range 33 East NMPM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: (1) One completed oil well capable of producing.

WILLIAM A. & EDWARD R. HUDSON-Signal Ross No. 3 in Unit C of Section 30-19-33.

Completed in Yates March 4, 1962. Top of Perforations 2975'

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 30: NW/4

CASE 2562: (bb) EXTENSION OF AN EXISTING GAS POOL

County LEA Pool TUBB GAS

Township 23 South Range 38 East NMPM

| | | | | | |
|----|----|----|----|----|----|
| | | | | | |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: One (1) completed oil well capable of producing.

GULF OIL CORPORATION-H. V. Pike No. 1 in Unit B of Section 6-23-38. Completed in Tubb March 15, 1962. Top of Perforations 6061'

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 6: N/2 NE/4

CASE 2562: (cc) EXTENSION OF AN EXISTING OIL POOL (CONTINUED ON NEXT PAGE)

County Eddy Pool Turkey Track

Township 18S Range 29E NMPM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

Purpose: two completed oil wells capable of producing.

John H. Trigg, Fed. Wilson No. 1-33 in Unit D of Section 33-18-29. Completed in Queen March 12, 1962.

Top of perforations 1966.

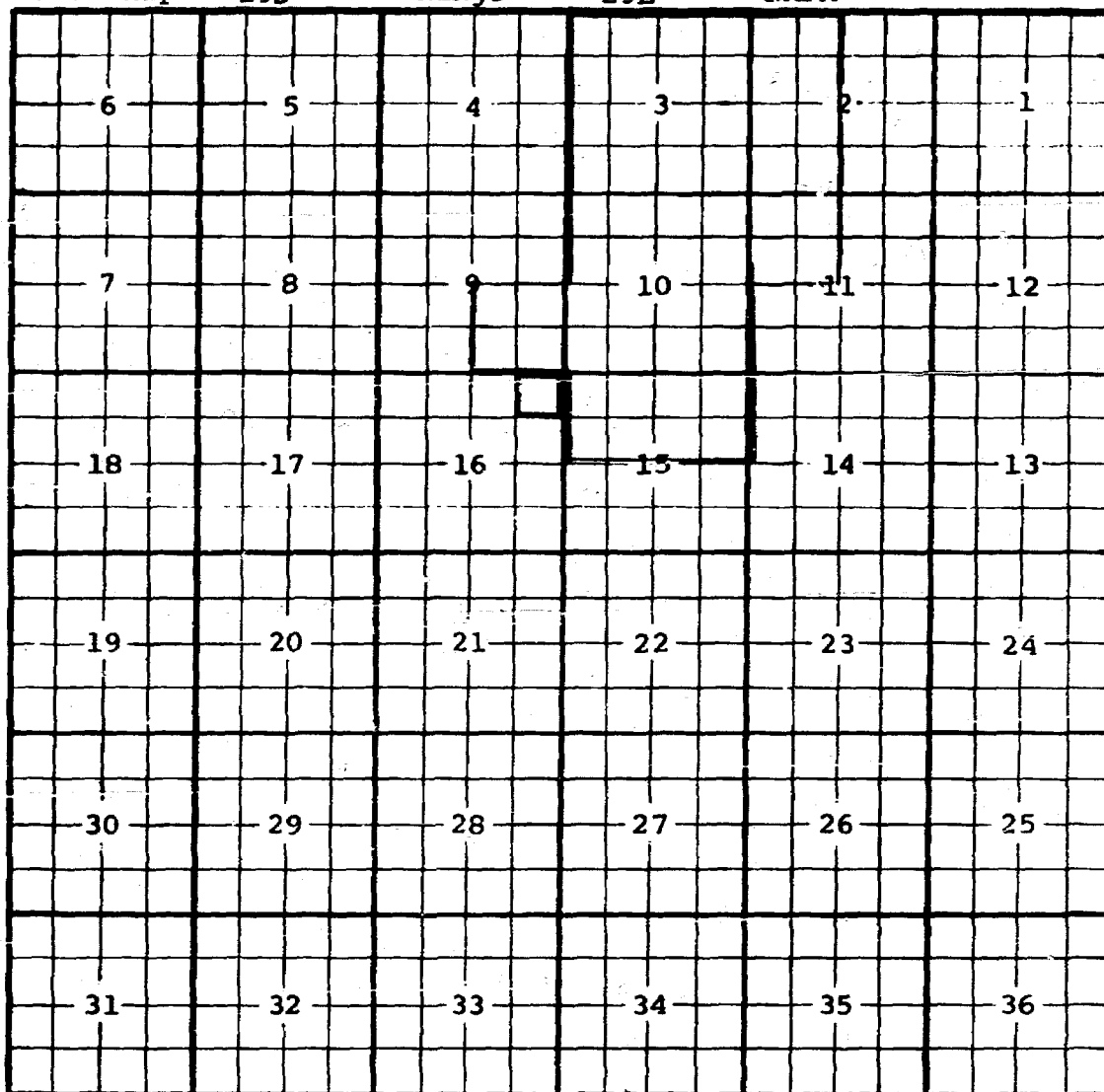
Pool boundary colored in red.

Proposed extensions colored in green Section 33 NW/4 NW/4.

CASE 2562: (cc) EXTENSION OF AN EXISTING OIL POOL (CONTINUED)

County Eddy Pool turkey ack

Township 19S Range 29E NMPM



Purpose: As stated on page one of this exhibit.

ADDITION: Western Oil Fields, Inc., Consinental State
No. 4 in Unit A of Section 16-19-29. Completed in Queen
February 17, 1951. Depth of casing shoe 2081.

Pool boundary colored in red.

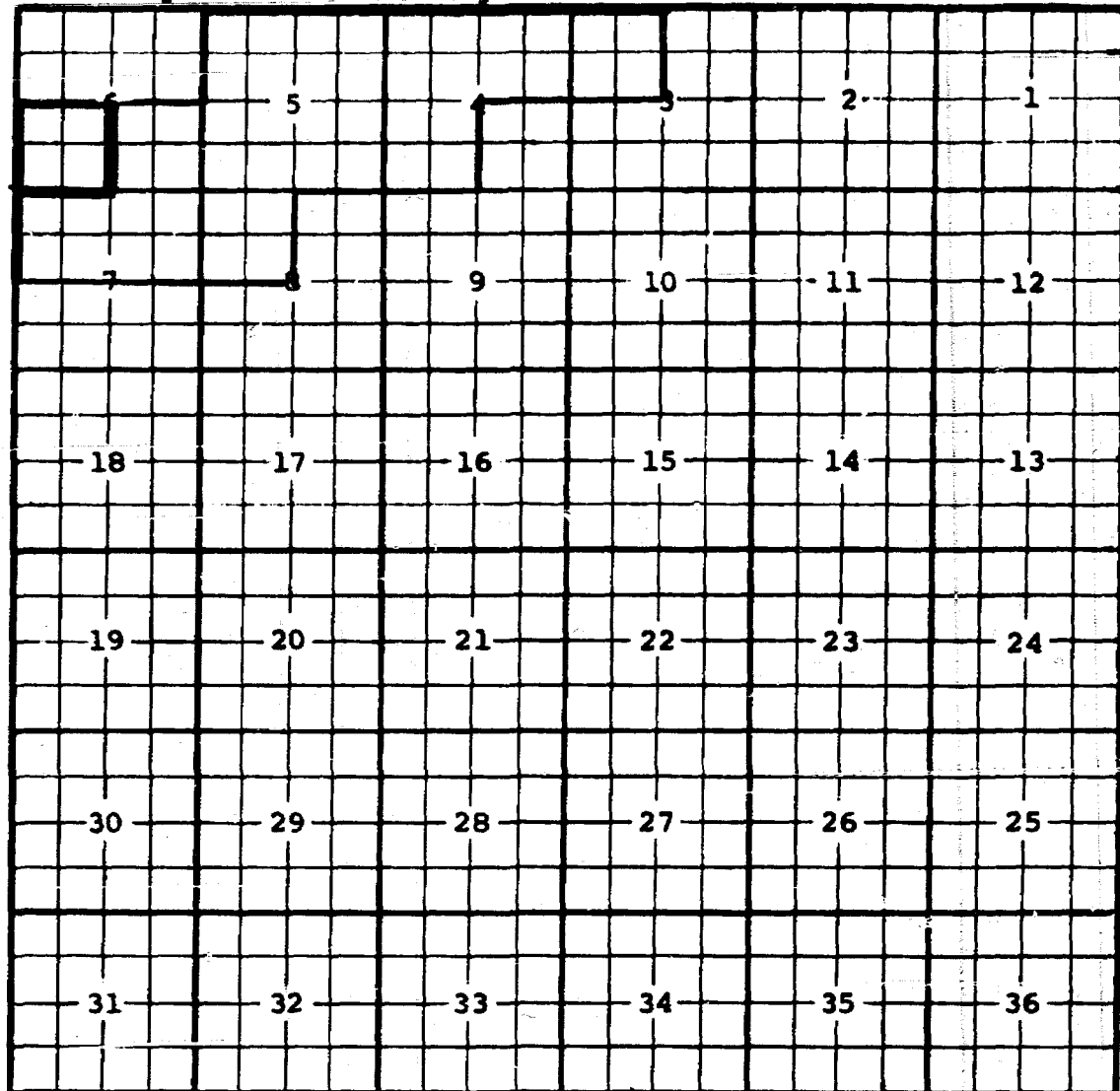
Proposed extension colored in green

ADDITION: Section 16 NE/4 NE/4

CASE 2562: (dd) EXTENSION OF AN EXISTING OIL POOL (CONTINUED ON NEXT PAGE)

County LEA Pool VACUUM-ABO

Township 18 South Range 35 East NMPM



PURPOSE: Three (3) completed oil wells capable of producing.

THE OHIO OIL COMPANY-St. Warn A/C 2 No. 8 in Unit N of Section 6-18-35.

Completed in Abo March 13, 1962. Top of Perforations 8676'

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 6: SW/4

CASE 2562: (dd) EXTENSION OF AN EXISTING OIL POOL (CONTINUED)

County LEA Pool VACUUM-ABO

Township 17 South Range 35 East NMPM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: As stated on page 1 of this exhibit.

ADDITION-----SOCOBY MOBIL OIL COMPANY-State "M" No. 11 in Unit C of Section 34-17-35.

Completed in Abo April 23, 1962. Top of Perforations 8352'

ADDITION-----SHELL OIL COMPANY-State V No. 3 in Unit P of Section 27-17-35. Completed

in Abo April 24, 1962. Top of Perforations 8765'

Pool boundary colored in red.

Proposed extensions colored in green. ADDITION---SECTION 34: N/2 NW/4

ADDITION---SECTION 27: SE/4

CASE 2562: (ee) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool VACUUM-QUEEN

Township 18 South Range 34 East N3PM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: Three (3) completed oil wells capable of producing.

PAN AMERICAN PETROLEUM CORPORATION-State "CL" No. 1 in Unit L of Section 6-18-34.

Completed in Queen March 5, 1962. Top of Perforations 4166'

PAN AMERICAN PETROLEUM CORPORATION-State "CL" No. 2 in Unit M of Section 6-18-34.

Completed in Queen April 12, 1962. Top of Perforations 4220'

PHILLIPS PETROLEUM CORPORATION-Lea No. 7 in Unit E of Section 6-18-34.

Completed in Queen April 15, 1962. Top of Perforations 4110'

Pool boundary colored in red.

Proposed extension colored in green. SECTION 6: W/2

CASE 2562: (a) CREATION OF AN OIL POOL

County ROOSEVELT Pool CLR-SAN ANDRES

Township 8 South Range 34 East NMPM

| | | | | | |
|----|----|----|----|----|----|
| | | | | | |
| 6 | 5 | 4 | 3 | 2 | 1 |
| | | | | | |
| 7 | 8 | 9 | 10 | 11 | 12 |
| | | | | | |
| 18 | 17 | 16 | 15 | 14 | 13 |
| | | | | | |
| 19 | 20 | 21 | 22 | 23 | 24 |
| | | | | | |
| 30 | 29 | 28 | 27 | 26 | 25 |
| | | | | | |
| 31 | 32 | 33 | 34 | 35 | 36 |
| | | | | | |

PURPOSE: One (1) completed oil well capable of producing

Discovery Well: SUNRAY MID-CONTINENT OIL COMPANY-Nancy Watson No. 1 in
Unit E of Section 31-8-34. Completed in San Andres March 31, 1962.

Top of Perforations 4600'

Proposed pool boundary colored in green: SECTION 31: NW/4

CASE 2562: (b) CREATION OF AN OIL POOL

County IEA Pool NORTH DOUBLE X-DELAWARE

Township 24 South Range 32 East NMPM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: One (1) completed oil well capable of producing.

Discovery well: CURTIS HANKAMER-Gulf Hanagan Federal No. 1 in Unit P of Section 11-24-32. Completed in Delaware April 2, 1962. Top of perforations 4974'

Proposed pool boundary colored in green: SECTION 11: SE/4

CASE 2562: (c) CREATION OF AN OIL POOL

County LEA Pool OIL CENTER-BLINEBRY

Township 21 South Range 36 East NMPM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: One (1) oil well completed and capable of producing.

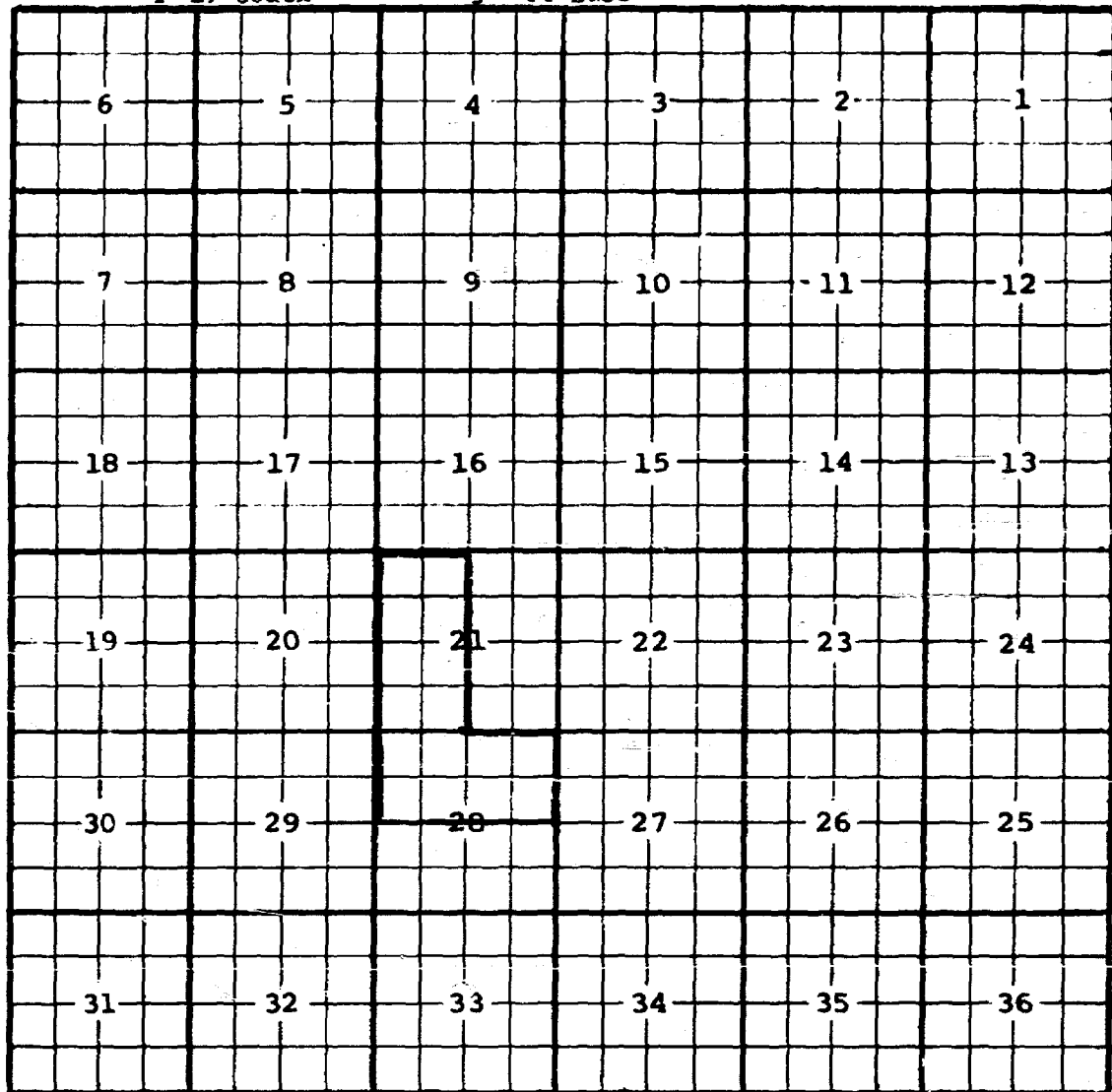
Discovery Well: CONTINENTAL OIL COMPANY-Meyer B-4 No. 19 in Unit 0 of Section 4, -21-36. Completed in Blinebry February 11, 1962. Top of Perforations 5907'

Proposed pool boundary colored in green: SECTION 4: Lots 9, 10, 15 & 16

CASE 2562: (d) CREATION OF A GAS POOL

County LEA Pool QUAIL RIDGE-MORROW

Township 19 South Range 34 East NMPM



PURPOSE: Two (2) completed gas wells capable of producing.

Discovery Well-EL PASO NATURAL GAS COMPANY-Mescalero Ridge Unit Well No. 1 in Unit D of Section 21-19-34. Completed in Morrow August 30, 1961. Top of Perforations 13,328'

EL PASO NATURAL GAS COMPANY-Mescalero Ridge Unit Well No. 2 in Unit B of Section 28-19-34. Completed in Morrow January 7, 1962. Top of Perforations 13,132'

Proposed pool boundary colored in green: SECTION 21: W/2

SECTION 28: N/2

CASE 2562: (e) CREATION OF AN OIL POOL

County LEA Pool EAST SAUNDERS-PERMO-PENNSYLVANIAN

Township 14 South Range 34 East NMPM

| | | | | | | |
|----|----|----|----|----|----|--|
| | | | | | | |
| 6 | 5 | 4 | 3 | 2 | 1 | |
| | | | | | | |
| 7 | 8 | 9 | 10 | 11 | 12 | |
| | | | | | | |
| 18 | 17 | 16 | 15 | 14 | 13 | |
| | | | | | | |
| 19 | 20 | 21 | 22 | 23 | 24 | |
| | | | | | | |
| 30 | 29 | 28 | 27 | 26 | 25 | |
| | | | | | | |
| 31 | 32 | 33 | 34 | 35 | 36 | |
| | | | | | | |

PURPOSE: One (1) completed oil well capable of producing

Discovery well-KERN COUNTY LAND COMPANY-State No. 1 in Unit K of Section 17-14-34.

Completed in Permo-Pennsylvanian March 22, 1962. Top of perforations 10,363'

Proposed pool boundary colored in green: SECTION 17: SW/4

CASE 2562: (f) CREATION OF AN OIL POOL

County LEA Pool VACUUM-DRINKARD

Township 18 South Range 35 East NMPM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

PURPOSE: (3) Completed oil wells capable of producing.

Discovery well-Texaco, Inc.-State of New Mexico "R" NCT-4 No. 1 in Unit C of Section 7-18-35. Completed in Drinkard March 1, 1962. Top of perforations 7997'

ADDITION----TEXACO, Inc.-State of New Mexico "R" NCT-4 No. 2 in Unit D of Section 7-18-35.

Completed in Drinkard April 1, 1962. Top of Perforations 7840'

ADDITION----SKELLY OIL COMPANY-Hobbs "N" No. 1 in Unit D of Section 8-18-35. Completed in Drinkard January 1, 1961. Top of Perforations 8450'

Proposed pool boundary colored in green; SECTION 7: N/2 NW/4

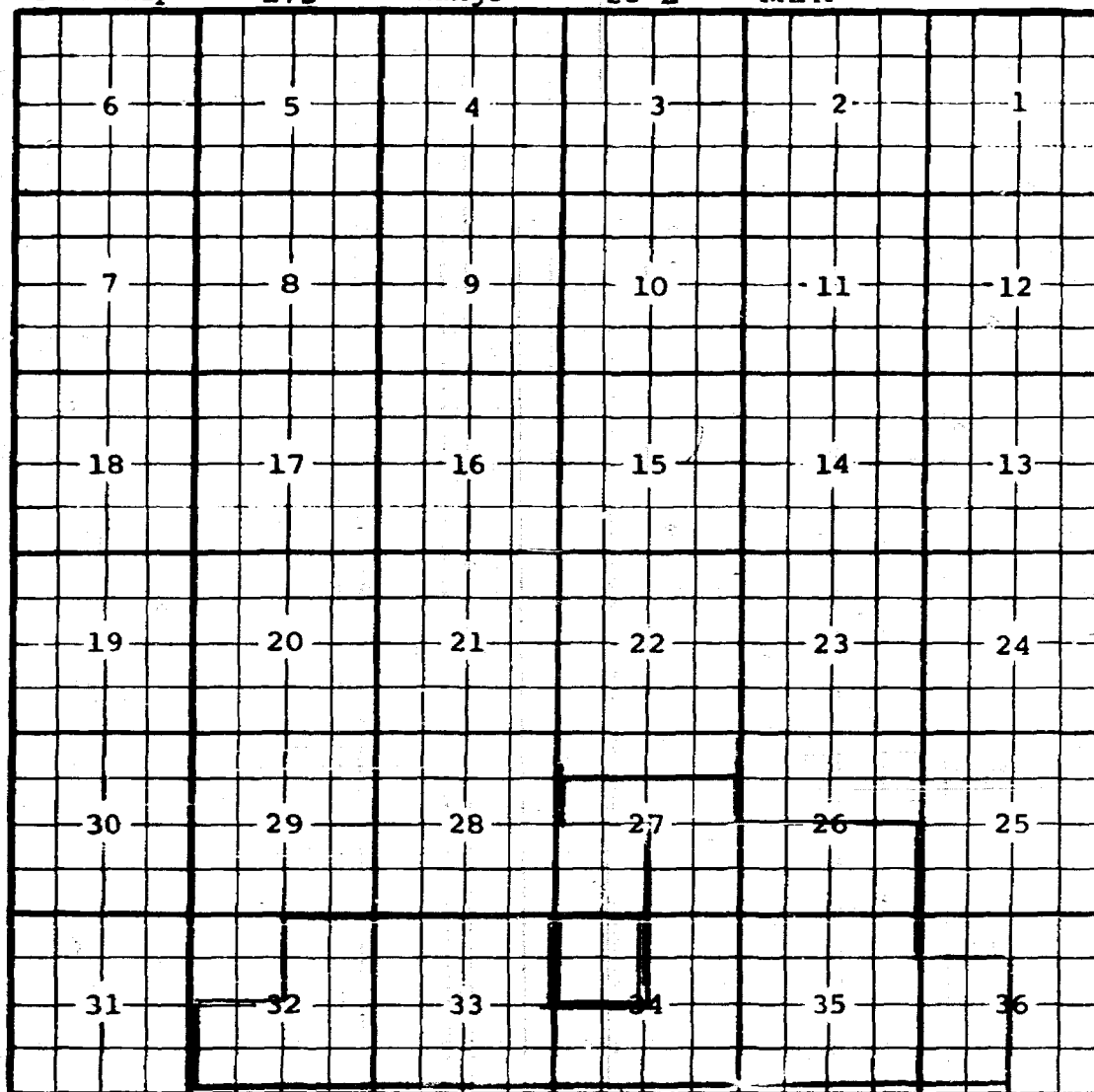
ADDITION-----SECTION 7: S/2 NW/4 & NE/4

ADDITION-----SECTION 8: NW/4

CASE 2562: (g) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool Artesia

Township 17S Range 28 E NMPM



Purpose: One completed oil well capable of producing.
 Cactus Drilling Co. Pan American State "C", No. 2 in Unit
 C of Section 34-17-28. Completed in Premier March 21, 1962.
 Top of perforations 2038.

Pool boundary colored in red.
 Proposed extension colored in green. Section 34 NW/4

CASE 2562: (h) EXTENSION OF AN EXISTING GAS POOL

County Eddy Pool Atoka - Pennsylvania Gas Pool

| Township | 18S | Range | 26E | NMPM | |
|----------|-----|-------|-----|------|----|
| 6 | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

Purpose: One completed gas well capable of producing.

Maftin, Williams & Judson - Hondo L.F.E. No. 1 in Unit P of
Section 19-18-26. Completed in Pennsylvania February 15,
1962. Top of perforations 8992.

Pool boundary colored in red.

Proposed extension colored in green. Section 19 E/2.