CASE 2722: SOUTHEASTERN NEW MEXICO NOMENCLATURE

Land Transcript of California Cal

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. 2722 ORDER NO. R-2393

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m., on December 19, 1962, at Santa Fe. New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 26th day of December, 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 Chaves County, New Mexico, for the production of oil from the San Andres formation, said pool to bear the designation of Diablo-San Andres Pool. Said Diablo-San Andres Pool was discovered by Ernest A. Hanson, Diablo State No. 1, located in the SE/4, Unit P of Section 16, Township 10 South, Range 27 East, NMPM. It was completed August 2, 1962. The top of perforations is 2062 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 Wolfcamp formation, said pool to bear the designation of South Anderson-Wolfcamp Pool. Said South Anderson-Wolfcamp Pool was discovered by Shell Oil Company, Emerald Unit No. 1, located in the NW/4, Unit C of Section 23, Township 16 South, Range 32 East, NMPM. It

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was completed October 11, 1962. The top of perforations is 9660 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 Wolfcamp formation, said pool to bear the designation of Big Eddy-Wolfcamp Gas Pool was discovered by Pan American Petroleum Corporation, Big Eddy Unit No. 1, located in the SE/4, Unit P of Section 3, Township 20 South, Range 31 East, EMPM. It was completed September 17, 1962. The top of perforations is 10,690 feet.
- (5) 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 of South Prairie-San Andres Pool. Said South Prairie-San Andres Pool was discovered by Coastal States Gas Producing Company, Atlantic State No. 1, located in the SE/4, Unit P of Section 16, Township 8 South, Range 36 East, NMPM. It was completed October 8, 1962. The top of perforations is 4804 feet.
- Tank-San Andres Pool in Chaves County, New Mexico, the Brushy Draw-Delaware Pool, the Loco Hills Pool, the East Millman-Seven Rivers Pool, the East Turkey Track-Queen Pool, all in Eddy County, New Mexico, the Allison-Pennsylvanian Pool in Roosevelt County, New Mexico, the Allison-Pennsylvanian Pool, the West Anderson Ranch-Grayburg Pool, the Arkansas Junction-Queen Gas Pool, the Blinebry Pool, the Corbin-Abo Pool, the Double A-Abo Pool, the Double X-Delaware Pool, the Drinkard Pool, the West Hume-Queen Pool, the South Lane-Pennsylvanian Pool, the Mesa-Queen Pool, the Monument-Tubb Pool, the Paddock Pool, the Salado Draw-Delaware Pool, and the Vacuum-Abo Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 10 SOUTH, RANGE 27 EAST, NMPM SECTION 16: SE/4

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

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TOWNSHIP 16 SOUTH, RANGE 32 EAST, HIPM SECTION 23: NW/4

(c) That a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production, is hereby created and designated as the Big Eddy-Wolfcamp Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM SECTION 3: SE/4

(d) 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 South Prairie-San Andres Pool, consisting of the following described area:

TOWESHIP 8 SOUTH, RANGE 36 EAST, NUPM SECTION 16: SE/4

(e) That the Allison-Pennsylvanian Pool in Roosevelt and Lea Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NAPM SECTION 33: E/2 SE/4

TOWESTIP 9 SOUTH, RANGE 37 EAST, MAPM

SECTION 3: W/2 NW/4

SECTION 4: MB/4 & SW/4

SECTION 17: NW/4

(f) That the West Anderson Ranch-Grayburg Pool in Lea County, New Mexico, as heretofore classified, <u>defined</u>, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NOPM

SECTION 5: SW/4

SECTION 6: S/2

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

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NORM SECTION 23: NE/4

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

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

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM SECTION 24: SE/4

(i) 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 14: E/2 SE/4

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

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NORM SECTION 2: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM SECTION 21: NW/4

(1) That the Double X-Delaware Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM SECTION 12: W/2 SECTION 14: SW/4

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

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NNPM SECTION 24: E/2 SE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM SECTION 2: Lot 10 SECTION 19: W/2 SW/4

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

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TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM SECTION 15: 8/2

(o) That the South Lane-Pennsylvanian Pool in Lea County, New Mexico, as heretofole classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NIPM

SECTION 23: S/2

SECTION 26: NW/4, W/2 NE/4 & SE/4

SECTION 35: SW/4

TOWNSHIP 11 SOUTH, RANGE 34 BAST, NIPM SECTION 6: E/2

(p) 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: M/2 SW/4

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

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NAPM SECTION 16: NE/4

SECTION 17: N/2

(r) That the East Millman-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM SECTION 22: W/2 SW/4

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 22: NW/4

(t) 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 19: W/2 SW/4

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TOWNSHIP 21 SOUTH, RANGE 36 EAST, NHPM SECTION 24: SE/4

(u) That the Round Tank-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NAPM SECTION 24: SE/4

SECTION 25: E/2

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM SECTION 19: SW/4

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

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM SECTION 10: NE/4

(w) That the East Turkey Track-Queen Pool in Eddy County, Hew Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM SECTION 1: SW/4

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 26: NW/4 NE/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 7: 5/2 SW/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM SECTION 12: SW/4 NE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be January 1, 1963.

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

> STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

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TOM BOLACK, Chairman

E. S. WALKER, Member

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

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NEW MEXICO OIL CONSERVATION COMMISSION P. O. BOX 871 SANTA FE, NEW MEXICO

MEMORANDUM

TO:

ALL PERSONS INTERESTED IN CASE NO. 2504, APPLICATION OF CONSOLIDATED OIL & GAS, INC. FOR AN AMENDMENT OF ORDER NO. R-1670-C CHANGING THE ALLOCATION FORMULA FOR THE BASIN-DAKOTA GAS POOL

FROM:

A. L. PORTER, Jr., SECRETARY-DIRECTOR

SUBJECT:

COMPLIANCE WITH RULING ON MOTIONS TO QUASH SUBPOENAS DUCES TECUM AND CONTINUANCE OF CASE NO. 2504

The Commission has decided to continue Case No. 2504 to the regular hearing on February 14, 1963. The Commission will therefore allow all persons ordered to produce core analysis reports and electric and radioactivity logs to file the same with the Commission prior to December 19, 1962, in lieu of producing the required documents at the December 19th hearing. All persons ordered to produce documents will be required to do so at the December 19th hearing if they have not previously filed the same with the Commission. The case will then be continued to the Regular Commission Hearing on February 14, 1963.

DECEMBER 5, 1962

DOCKET: REGULAR HEARING - WEDNESDAY - DECEMBER 19, 1962

OIL CONSERVATION COMMISSION - 9 A.M., MORGAN HALL, STATE LAND OFFICE
BUILDING, SANTA FE, NEW MEXICO

ALLOWABLE:

- (1) Consideration of the oil allowable for January, 1963.
- (2) Consideration of the allowable production of gas for January, 1963, for ten prorated pools in Lea and Eddy Counties, New Mexico. Consideration of the allowable production of gas for nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for January, 1963, and also presentation of purchaser's nominations for the six-month period beginning February 1, 1963, for that area.

CASE 2628:

(De Novo)

Application of Marathon Oil Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location in the Atoka-Pennsylvanian Gas Pool at a point 990 feet from the North line and 990 feet from the East line of Section 30, Township 18 South, Range 26 East, Eddy County, New Mexico. This case will be heard de novo under the provisions of Rule 1220.

CASE 2118:)

Consolidated (Reopened)

2459:) Application of The Ohio Oil Company (now Marathon Oil Company), for 160-acre proration units in the Lea-Devonian Pool, Lea County, New Mexico.

<u>CASE 2721:</u>

Application of Continental Oil Company for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its State A-2 Well No. 2, located in Unit J of Section 2, Township 25 South, Range 37 East, Lea County, New Mexico, as a triple completion (tubingless) to produce oil from the North Justis Tubb-Drinkard Pool, an undesignated Abo Pool, and the North Justis-Devonian Pool through parallel strings of casing cemented in a common well bore.

CASE 2504:

(Rehearing - Continued)

Application of Consolidated Oil & Gas, Inc. for an amendment of Order No. R-1670-C changing the allocation formula for the Basin-Dakota Gas Pool, San Juan, Rio Arriba, and Sandoval Counties, New Mexico. In accordance with the Commission's Ruling of October 18, 1962, on motions to Quash Subpoenas

Duces Tecum, George Eaton, David H. Rainey, Frank Renard, and L. M. Stevens will be required to produce all core analysis reports and all electric and radioactivity logs concerning any and all wells that have been cored in the Basin-Dakota Gas Pool by their respective companies, if they have not filed the same with the Commission prior to December 19, 1962. The Case will then be continued to the regular hearing on February 14, 1963.

- CASE 2722: Southeastern New Mexico nomenclature case calling for an order creating new pools and extending certain existing pools in Chaves, Eddy, New Acco.
 - (a) Create a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, designated as the Diablo-San Andres Pool, and described as:

TOWNSHIP 10 SOUTH, RANGE 27 EAST, NMPM Section 16: SE/4

(b) Create a new oil pool for Wolfcamp production, designated as the South Anderson-Wolfcamp Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 23: NW/4

(c) Create a new gas pool for Wolfcamp production, designated as the Big Eddy-Wolfcamp Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM Section 3: SE/4

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

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM Section 16: SE/4

(e) Extend the Allison-Pennsylvanian Pool to include:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM Section 33: E/2 SE/4

(f) Extend the West Anderson Ranch-Grayburg Pool to include:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 5: SW/4 Section 6: S/2

-3-Docket No. 37-62

(g) Extend the Arkansas Junction-Queen Gas Pool to include:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM
Section 23: NE/4

(h) Extend the Blinebry Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 19: W/2 SW/4

(1) Extend the Brushy Draw-Delaware Pool to include:

TOWNSHIP 26 SOUTH, RANGE 29 EAST, NMPM
Section 14: E/2 SE/4

(j) Extend the Corbin-Abo Pool to include:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
Section 2: NE/4

(k) Extend the Double A-Abo Pool to include:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
Section 21: NW/4

(1) Extend the Nouble X-Delaware Pool to include:

10 TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM
Section 14: SW/4

(m) Extend the Drinkard Pool to include:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM Section 24: E/2 SE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 2: Lot 10 Section 19: W/2 SW/4

(n) Extend the West Hume-Queen Pool to include:

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

(o) Extend the South Lane-Pennsylvanian Pool to include:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 23: S/2
Section 26: NW/4

-4-Docket No. 37-62

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

 TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
 Section 19: N/2 SW/4
- (q) Extend the Mesa-Queen Pool to include:

 TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
 Section 16: NE/4
- (r) Extend the East Millman-Seven Rivers Pool to include:

 TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
 Section 22: W/2 SW/4
- (s) Extend the Monument-Tubb Pool to include:

 TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
 Section 22: NW/4
- (t) Extend the Paddock Pool to include:

 <u>MOWNSHIP 21 SOUTH, PANGE 37 EAST, NMPM</u>
 Section 19: W/2 SW/4
- (u) Extend the Round Tank-San Andres Pool to include:

 TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM
 Section 25: E/2

 TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
 Section 19: SW/4
- (v) Extend the Salado Draw-Delaware Pool to include:

 TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM
 Section 10: NE/4
- (x) Extend the Vacuum-Abo Pool to include:

 TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
 Section 26: NW/4 NE/4

-5-Docket No. 37-62

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM Section 7: S/2 SW/4

- CASE 2723: Northwestern New Mexico nomenclature case calling for an order extending certain existing pools in Rio Arriba, San Juan, and Sandoval Counties, New Mexico.
 - (a) Extend the Aztec-Pictured Cliffs Pool to include:

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM Section 14: NW/4

(b) Extend the Ballard-Pictured Cliffs Pool to include:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM

Section 5: All

Section 6: All

Section 7: N/2

Section 8: N/2

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM

Section 31: S/2

(c) Extend the South Blanco-Pictured Cliffs Pool to include:

TOWNSHIP 27 NORTH, PANGE 5 WEST, NMPM Section 7: E/2

(d) Extend the Tapacito-Pictured Cliffs Pool to include:

TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM Section 5: W/2

(e) Extend the Angels Peak-Gallup Oil Pool to include:

TOWNSHIP 26 NORTH, RANGE 9 WEST, NMPM

Section 4: W/2

Section 5: S/2

Section 6: SE/4

(f) Extend the Boulder-Mancos Oil Pool to include:

TOWNSHIP 28 NORTH, RANGE 1 West, NMPM

Section 14: W/2 NB/4, NW/4 SE/4

Section 23: W/2 E/2

-6-Docket No. 37-62

(g) Extend the Cha Cha-Gallup Oil Pool to include:

TOWNSHIP 28 NORTH, RANGE 12 WEST, NMPM Section 30: NW/4

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM Section 17: S/2 NW/4 & N/2 SW/4

(h) Extend the Devils Fork-Gallup Pool to include:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM
Section 7: NE/4
Section 16: E/2 NW/4, W/2 NE/4 & W/2 SW/4

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

TOWNSHIP 27 NORTH, RANGE 1 EAST, NMPM Section 29: N/2 NW/4

Memo

From
J. E. Kapteina, Engineer

To add

Create a new fort in Chares County,
New Mexico, classified as an oil
pool for San Andres production,
designated as the Deablo-San Andres
Pool, and described as:
Township is South, large 27 cast, HMPM
Section 16: SE/X

NOMENCLATURE ADVERTISEMENT FOR DECEMBER 1962 CASE 222

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 in Eddy, Lea, and Roosevelt Counties, New Mexico, and extensions of certain existing pools in Chaves, 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 Lea County, New Mexico, classified as an oil pool for Wolfcamp production, designated as the South Anderson-Wolfcamp Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 23: NW/4

CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production, designated as the Big Eddy-Wolfcamp Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM SECTION 3: SE/4

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

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM SECTION 16: SE/4

£ (a) EXTEND the Allison-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM SECTION 33: E/2 SE/4

***** EXTEND the West Anderson Ranch-Grayburg Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NHFM SECTION 5: SW/4 SECTION 6: S/2

(EXTEND the Arkansas Junction -Queen Gas Pool in Lea Jounty, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM SECTION 23: NE/4

 $\mathcal{L}_{\mathbf{X}}$) \vee EXTEND the Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM JECTION 19: W/2 SW/4

-2- December, 1962, Nomenclature

(h) EXTEND the Brushy Draw-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 29 EAST, NMPM SECTION 14: E/2 SE/4

J'EXTEND the Corbin-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM SECTION 2: NE/4

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EXTEND the Double A-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM SECTION 21: NW/4

(EXTEND the Double X-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM SECTION 14: SW/4

m 1) EXTEND the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM SECTION 24: E/2 SE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM SECTION 2: Lot 10 SECTION 19: W/2 SW/4

EXTEND the West Hume-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM SECTION 15: SE/4

EXTEND the South Lane-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM SECTION 23: S/2
SECTION 26: NW/4

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

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM SECTION 19: N/2 SW/4

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EXTEND the Mesa-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 16: NE/4

-3- December, 1962, Nomenclature

A + EXTEND the East Millman-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM SECTION 22: W/2 SW/4

EXTEND the Monument-Tubb Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 22: NW/4

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

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

TY EXTEND the Round Tank-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM SECTION 25: E/2

X

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM SECTION 19: SW/4

EXTEND the Salado Draw-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM SECTION 1.0: NE/4

EXTEND the East Turkey Track-Queen Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM SECTION 1: SW/4

X

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM SECTION 26: NW/4 NE/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 7: S/2 SW/4

BEFORE THE OIL CONSERVATION COMMISSION Santa Fe, New Mexico December 19, 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 Chaves, Eddy, Lea and Roosevelt Counties, New Mexico.

Case 2722

BEFORE: Honorable Thomas Bolack Mr. A. L. "Pete" Porter Mr. E. S. "Johnny" Walker

TRANSCRIPT OF HEARING

MR. PORTER: We will take up next Case 2722.

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

(Witness sworn.)

DANIEL NUTTER

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

DIRECT EXAMINATION

BY MR. DURRETT:



Q Will you please state your name and position for the record?

A Dan Nutter, Chief Engineer for the Oil Conservation Commission.

Q Mr. Nutter, are you prepared to recommend to the Commission that it should enter an order creating new pools and extending certain existing pools in Chaves, Eddy, Lea and Roosevelt Counties, New Mexico?

A Yes, sir, I am.

Q Have you prepared your recommendations in the form of an exhibit?

A I've had such prepared.

(Whereupon, Exhibit No. 1 was marked for identification.)

Q Does this exhibit correspond with the advertisement in this case and the docket as it appears here today?

A In some respects.

Q You do have some changes to make?

A Yes, sir.

Q Would you please go through those changes at this time?

A Yes, sir. I recommend the creation of the Diablo-San Andres Pool comprising the Southeast Quarter of Section 16, 10 South, 27 East. The pool was discovered by Ernest A. Hanson No. 1 in Unit P of Section 16, completed in the San Andres



DEARNLEY-MEIER REPORTING SERVICE, Inc.

SANTA FE, N. M.
PHONE 583-3971

LBUQUERQUE, N. M. PHONE 243-6691 formation August 8 of '62 with the top of the perforations at 2062. I recommend the creation of the South Anderson-Wolfcamp comprising the Northwest Quarter of Section 23, Township 16 South, 32 East. It was discovered by Shell Oil Company's Emerald Unit No. 1 in Unit C of Section 23, completed in the Wolfcamp formation October 11, 1962; top of the perforations at 9660.

I recommend the creation of the Big Eddy-Wolfcamp Gas Pool comprising the Southeast Quarter of Section 3, Township 20 South, 31 East. It was discovered by Pan American Big Eddy Unit No. 1 in Unit P of Section 3, completed in the Wolfcamp September 17, 1962 with the top of the perforations at 10,690.

I recommend the creation of the South Prairie-San Andres
Pool comprising the Southeast Quarter of Section 16, Township
8 South, Range 36 East in Roosevelt County. It was discovered
by Coastal States Gas Producing Company Atlantic State No. 1 in
Unit V, Section 16; completed in the San Andres formation October 8, 1962 with the top of the perforations at 4,804 feet.

I recommend that the Allison-Pennsylvanian Pool be extended as shown on the docket and also that the following acreage be added to the pool: In Township 9 South, Range 37 East, the West Half, Northwest Quarter of Section 3, the Northeast Quarter of Section 4, the Southwest Quarter of Section 4, and the Northwest



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as advertised as shown on the docket until we come to paragraph (h), that it be extended as shown on the docket, and also that the Southeast Quarter of Section 24, Township 21 South, Range 36 East be added.

Quarter of Section 17. I recommend that the pools be extended

- That was the Blinebry Pool? Q
- That was the Blinebry Pool.
- Thank you.

I recommend that the other extensions be made as shown A on the docket and as advertised until we come to paragraph (1), and that the Double X-Delaware Pool be shown as on the docket and also that the West Half of Section 12 of Township 24 South, 31 East be added.

- You are referring to actually paragraph (1), is that correct?
 - Paragraph (1). Α
 - Double X-Delaware Pool?

Yes. I recommend that paragraph (m) be as shown on the docket, that paragraph (n) be as shown on the docket, and also that the Southwest Quarter of Section 15, Township 16 South, Range 33 East be added, and also that the Southeast Quarter of Section 26 and the Southwest Quarter of Section 35, Township 10 South, Range 33 East be added.

That's in the West Hume-Queen Pool? Q

In paragraph (n), the Southwest Quarter of Section 15 and 16 South, 33 East is all that goes on that one. Then in the South Lane-Pennsylvanian Pool, that it be extended as advertised and also that the Southeast Quarter of Section 26, the West Half, Northeast Quarter of 26 and the Southeast Quarter of 35 in 10 South, 33 East be added. Also that the East Half of Section 6 in Township 11 South, Range 34 East be added to the South Lane-Pennsylvanian Pool.

I recommend that paragraph (p) be as shown on the docket; that paragraph (q) be as shown on the docket with the addition also of the North Half of Section 17, Township 16 South, Range 32 East, Mesa Queen.

I recommend that paragraph (r) be as shown on the docket; paragraph (s) as shown on the docket, and paragraph (t) for the Paddock Pool be as shown on the docket, and also that the Southeast Quarter of Section 24, Township 21 South, Range 36 East be added.

I recommend that the Round Tank-San Andres Pool in paragraph (u) be extended as shown on the docket, and also that the Southeast Quarter of Section 24, Township 15 South, Range 28 East be added.

I would recommend that paragraph (v) be as shown on the

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ANTA FE, N. M.

docket, also (w) and paragraph (x) for the Vacuum-Abo Pool be extended as shown on the docket, and also that the Southwest Quarter, Northeast Quarter of Section 12, Township 18 South, Range 34 East be added.

Q Does that conclude your recommendations, Mr. Nutter?

A Yes, sir.

Q Was your exhibit prepared by you or under your super-vision?

A Yes, sir.

MR. DURRETT: If the Commission please, I move the introduction of this exhibit, and that concludes the examination of this witness.

MR. PORTER: Without objection the exhibit will be admitted. If no questions of the witness, he may be excused.

(Witness excused.)

MR. PORTER: If nothing further to be added to this case, we will take it under advisement.

ALBUQUEROUE,

STATE OF NEW MEXICO COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 15th day of January, 1963.

My commission expires: June 19, 1963.

STATE OF NEW MEXICO)

COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 15th day of January, 1963.

Votary Public-Court Reporter

My commission expires:
June 19, 1963.



- CASE 2722: Southeastern New Mexico nomenclature case calling for an order creating new pools and extending certain existing pools in Chaves, Eddy, Lea and Roosevelt Counties, New Mexico.
 - (a) Create a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, designated as the Diable-San Andres Pool, and described as:

TOWNSHIP 10 SOUTH, RANGE 27 EAST, NMPM Section 16: SE/4

(b) Create a new oil pool for Wolfcamp production, designated as the South Anderson-Wolfcamp Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 23: NW/4

(c) Create a new gas pool for Wolfcamp production, designated as the Big Eddy-Wolfcamp Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 31 EAST, NMPM Section 3: SE/4

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

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM Section 16: SE/4

(e) Extend the Allison-Pennsylvanian Pool to include:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM Section 33: E/2 SE/4

ADDITIONS:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM SECTION 3: W/2 NW/4 SECTION 4: NE/4 SECTION 4: SW/4

(f) Extend the West Anderson Ranch-Grayburg Pool to include:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 5: SW/4
Section 6: S/2

(g) Extend the Arkansas Junction-Queen Gas Pool to include:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM Section 23: NE/4

(h) Extend the Blinebry Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 19: W/2 SW/4

ADDITION:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM SECTION 24: SE/4

(i) Extend the Brushy Draw-Delaware Pool to include:

TOWNSHIP 26 SOUTH, RANGE 29 EAST, NMPM Section 14: E/2 SE/4

(j) Extend the Corbin-Abo Pool to include:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM Section 2: NE/4

(k) Extend the Double A-Abo Pool to include:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM Section 21: NW/4

(1) Extend the Double X-Delaware Pool to include:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM Section 14: SW/4

ADDITION-----SECTION 12: W/2

(m) Extend the Drinkard Pool to include:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM Section 24: E/2 SE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 2: Lot 10 Section 19: W/2 SW/4

(n) Extend the West Hume-Queen Pool to include:

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

ADDITION-----SECTION 15: SW/4

(o) Extend the South Lane-Pennsylvanian Pool to include:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM

Section 23: S/2 Section 26: NW/4

ADDITIONS:

SECTION 26: SE/4 SECTION 26: W/2 NE/4 SECTION 35: SW/4

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM SECTION 6: E/2

ADDITIONS:

(p) Extend the Loco Hills Pool to include:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM Section 19: N/2 SW/4

(q) Extend the Mesa-Queen Pool to include:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM Section 16: NE/4 SECTION 17: N/2

ADDITION:

(r) Extend the East Millman-Seven Rivers Pool to include:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 22: W/2 SW/4

(s) Extend the Monument-Tubb Pool to include:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM Section 22: NW/4

(t) Extend the Paddock Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 19: W/2 SW/4

ADDITION:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM SECTION 24: SE/4

(u) Extend the Round Tank-San Andres Pool to include:

TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM Section 25: E/2

ADDITION-----SECTION 24: SE/4

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM Section 19: SW/4

(v) Extend the Salado Draw-Delaware Pool to include:

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM Section 10: NE/4

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

 TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
 Section 26: NW/4 NE/4

 TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
 Section 7: S/2 SW/4

ADDITION:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM SECTION 12: SW/4 NE/4

SECETON S: NE/4

Eddy Counties, New Mexico. Consideration of the allowable production of gas for nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for January, 1963, and also presentation of purchaser's nominations for the six-month period beginning February 1, 1963, for that area.

CASE 2628:

(De Novo)

Application of Marathon Oil Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location in the Atoka-Pennsylvanian Gas Pool at a point 990 feet from the North line and 990 feet from the East line of Section 30, Township 18 South, Range 26 East, Eddy County, New Mexico. This case will be heard de novo under the provisions of Rule 1220.

CASE 2118:)

Consolidated (Reopened)

2459:)

Application of The Ohio Oil Company (now Marathon Oil Company), for 160-acre proration units in the Lea-Devonian Pool, Lea County, New Mexico.

CASE 2721:

Application of Continental Cil Company for a triple completion. Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its State A-2 Well No. 2, located in Unit J of Section 2, Township 25 South, Range 37 East, Lea County, New Mexico, as a triple completion (tubingless) to produce oil from the North Justis Tubb-Drinkard Pool, an undesignated Abo Pool, and the North Justis-Devonian Pool through parallel strings of casing cemented in a common well bore.

CASE 2504:

(Rehearing - Continued)

the Basin-Dakota Gas Pool, San Juan, Rio Arriba, and Samerdme Counties, New Mexico. In accordance with the Commission's Ruling of October 18, 1962, on motions to Quash Subpoenas

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

 TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
 Section 19: N/2 SW/4
- (q) Extend the Mesa-Queen Pool to include:
 TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
 - TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM Section 22: W/2 SW/4
- (s) Extend the Monument Tubb Pool to include:

 TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
 Section 22: NW/4
- (t) Extend the Paddock Pool to include:

 TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
 Section 19: W/2 SW/4

Section 19: SW/4

- (u) Extend the Round Tank-San Andres Pool to include:

 TOWNSHIP 15 SOUTH, RANGE 28 EAST, NMPM
 Section 25: E/2

 TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
- (v) Extend the Salado Draw-Delaware Pool to include:

 TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM
 Section 10: NE/4
- (w) Extend the East Turkey Track-Queen Pool to include: <u>TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM</u> Section 1: SW/4
- (x) Extend the Vacuum-Abo Pool to include:

 TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
 Section 26: NW/4 NE/4

Section 23: NE/4

(h) Extend the Blinebry Pool to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 19: W/2 SW/4

(i) Extend the Brushy Draw-Delaware Pool to include:

TOWNSHIP 26 SOUTH, RANGE 29 EAST, NMPM
Section 14: E/2 SE/4

(j) Extend the Corbin-Abo Pool to include:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
Section 2: NE/4

(k) Extend the Double A-Abo Pool to include:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
Section 21: NW/4

(1) Pytond the Bouhle Vanelauere Dool to include.

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM Section 14: SW/4

(m) Extend the Drinkard Pool to include:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM Section 24: E/2 SE/4

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM Section 2: Lot 10 Section 19: W/2 SW/4

(n) Extend the West Hume-Queen Pool to include:

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

(o) Extend the South Lane-Pennsylvanian Pool to include:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 23: S/2
Section 26: NW/4

NEW POOLS

a) It is recommended that a new OIL pool be created and designated as the
DIABLO-SAN ANDRES Pool.
Vertical limits to be the <u>San Andres</u> formation and the horizontal
limits should be as follows: as shown in Paragraph (a) Exhibit I
Discovery well was Ernest A. Hanson - Diablo State No. 1
located in Unit $\frac{P}{P}$ Section $\frac{16}{16}$ Township $\frac{10}{10}$ Range $\frac{27}{10}$ and was completed on
August 8, 1962 with 制命除期期等特殊的特殊的特殊的是是是多数的特殊的。Top of
perforations is at 2062 feet.
b) It is recommended that a new OIL pool be created and designated as the
SOUTH ANDERSON-WOLFCAMP Pool.
Vertical limits to be the <u>Wolfcamp</u> formation and the horizontal
limits should be as follows: as shown in Paragraph (b) Exhibit I
Discovery well was Shell Gil Company - Emerald Unit No. 1
located in Unit C Section 23 Township 16 Range 32 and was completed on
October 11、1962 新作用制作指列的指列的指列的指列的指列的指数 Top of
perforations is at 9660 feet.
c) It is recommended that a new GAS pool be created and designated as the
EIG EDDY-WOLFCAMP GAS Pool.
Vertical limits to be the Wolfcamp formation and the horizontal
limits should be as follows: as shown in Paragraph (c) Exhibit I
Discovery well was Pan American Pet. Corp Big Eddy Unit No. 1
located in Unit P Section 3 Township 20 Range 31 and was completed on
September 17、1962 新学科学科学科学科学科学科学科学科学科学科学科学科学科学科学科学科学科学科学科
perforations is at 10,690 feet.

NEW POOLS d) It is recommended that a new OIL pool be created and designated as the SOUTH PRAIRIE-SAN ANDRES Pool. Vertical limits to be the <u>San Andres</u> formation and the horizontal limits should be as follows: as shown in Paragraph (d) Exhibit I Discovery well was Coastal States Gas Prod. Co. - Atlantic State No. 1 located in Unit \underline{p} Section $\underline{16}$ Township $\underline{8}$ Range $\underline{36}$ and was completed on perforations is at 4804 feet. It is recommended that a new____pool be created and designated as the Vertical limits to be the ______formation and the horizontal iimits should be as follows: Discovery well was____ located in Unit Section Township Range and was completed on with an initial potential of BOPD/MCFGPD. Top of perforations is at____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 with an initial potential of BOPD/MCFGPD. Top of

perforations is at ____feet.

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CASE 2722: (b) CREATION OF A NEW OIL POOL

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CASE 2722: (e) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

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CASE 2722: (e) EXTENSION OF AN EXISTING OIL FOOL (Continued)

	COUNTY LEA	POOL ALLISON-I	TING OIL FOOL (Continue PENNSYLVANIAN	a)
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ADDITION			., Exhibit 1, paragraph R & CO McCormick Fed	• •
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	of Perforations 9609		23. Form VII MOTOMOCE ROY	- Lucia - Lucia
ADDITION			d Federal #2 in Unit B	of Section
			on September 26, 1962.	
	Perforations 9622'			<u> </u>
ADDITION	GREAT WESTERN DRILLI	NG COMPANY - ODC	"C" #2 in Unit L of Sec	tion 4-9-37.
	Completed in Penn (B	Bough C) on Novemb	er 6, 1962. Top of Per	forations 9636
ADDITION	ARNOLD H. BRUNER - K	ing Federal #l in	Unit D of Section 17-9	-37. Completed
	in Penn (Bough C) on	November 6, 1962	. Top of Perforations	97281
	Pool boundary colore	ed in red.		
	ADDITIONS: Proposed	extensions color	ed in green. SECTION 3	
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CASE 2722: (f) EXTENSION OF AN EXISTING OIL FOOL

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PURPOSE: One	completed	oil well car	able of pr	oducing	
BOB DEAN, LTD.	_	-	_	_	
Completed in G					
4050'				_	
Pool boundary	colored in				
Proposed exten					
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POOL ARKANSAS JUNCTION-QUEEN GAS COUNTY LEA RANGE 36 Fast TOWNSHIP NMPM 8 -10 -- 20 --19--30 -29 -28 -- 27 -26-25-- 32 -- 33 -- 31-- 34 --- 35 -36 --PURPOSE: One completed gas well capable of producing W. K. BYROM - State 23 #1 in Unit A of Section 23-18-36. Completed in Queen on February 27, 1962. Top of Perforations 4448! Pool boundary colored in red. Proposed extension colored in green. SECTION 23: NE/4

CASE 2722: (h) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

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POOL BLINEBRY RANGE36 East TOWNSHIP 21 South NMPM 6 4 - 8 -10 --12 -- 11 - 16 15 14 18 20 -19 21 22 23 -30 29 28 27 -- 26 25 -32 33 34 35 36 31-PURPOSE: As stated on preceding page, Exhibit 1, paragraph (h) ADDITION--GULF OIL CORPORATION - H. T. Mattern NCT-A #3 in Unit P of Section 24-21-36. Completed in Blinebry on November 21, 1962. Top of Perforations 5612' Pool boundary colored in red. ADDITION: Proposed extension colored in green. SECTION 24: SE/4

County	Eddy	,	Poo	l Bru	shy Dra	w Delawar	:е	
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perfora	CLOUS	3144.	 					
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Propose	undar: d ext	y <u>colo</u> l ension	colore	d in	green.	Section	14:E/2	SE/4
								

CASE 2722: (j) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL CORBIN	-ΛΒ0		
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21	32	33	34	35 -	36
31-	32	33	34	33	30
	_	ed oil wells c		Ū	
		ate B #2 in Ur			• Completed
	- ·	1962. Top of ate B #4 in Ur			Completed
		1962. Top of			- vompactor.
	dary colored	-			
Proposed	extension co	lored in green	section :	2: NE/4	
		 			
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CASE 2722: (k) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL DOUBLE	E A-ABO		
TOWNSHIE	2 17 South	RANGE 36	East	NMPM	
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7 -	8 -	9	10	- 11	12
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		+			+
			1		
18	17	16	15	14	13
19-	2 b	21	22	23	24
30 -	29	28	27	26	25
		+			
				35	
31-	32	33	34	35	36
	: One complete			-	
	IL & GAS COMPAN ed in Abo on Oc				Section 21-17-36.
	undary colored		100	71 1011014010	
Propose	d extension co	lored in gree	en. SECTIO	ON 21: NW/4	
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CASE 2722: EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL DOUBLE X-DELAWARE TOWNSHIP RANGE NMFM 10 -16 - 18 -17 13--19 - 20 -- 21-24-29 -28 -27 26 -25 32 - 33 -34-- 35 36 - 31 PURPOSE: One completed oil well capable of producing TENNECO CORPORATION - USA Jennings #2 in Unit M of Section 14-24-32. Completed in Delaware on October 16, 1962. Top of Perforations 4920' ADDITION--CURTIS HANKAMER - Culf Hanagan Federal #3 in Unit E of Section 12-24-32. Completed in Delaware on October 26, 1962. Top of Perforations 4988' Pool boundary colored in red. Proposed extensions colored in green. SECTION 14: SW/4 ADDITION: SECTION 12: W/2

7.

CASE 2722: (m) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY POOL DRINKARD TOWNSHIP 21 South RANGE 36 East NMPM - 4 - 2-8 -10 -- 11 --12 --18 17 -16 - 15 · 14 --19 ~ 20 -21-- 22 -- 23-25--30 29-28 -- 27 -- 26 -- 34 -31-32 -33 -- 35 36 -PURPOSE: Three completed oil wells capable of producing GULF OIL CORPORATION - H. T. Mattern NCT-A #3 in Unit P of Section 24-21-36. Completed in Drinkard on October 25, 1962. Top of Perforations 65421 Pool boundary colored in red. Proposed extension colored in green. SECTION 24" E/2 SE/4

CASE 2722: (m) EXTENSION OF AN EXISTING OIL POOL (Continued)

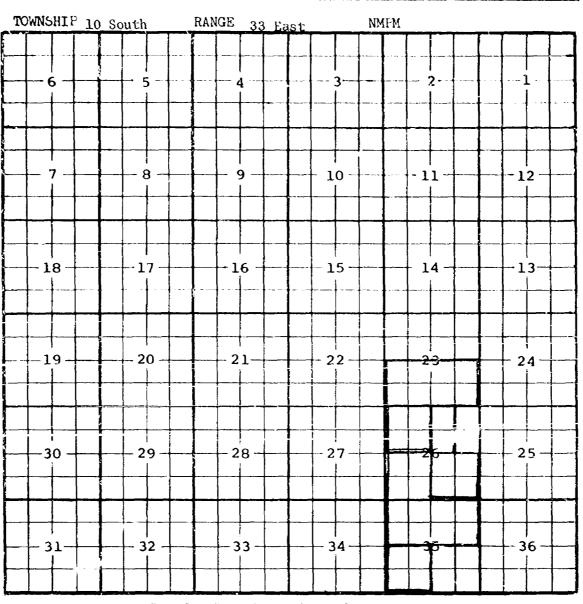
COUNTY	LEA	POOL D	DRINKARD		
TOWNSHIP	21 South	RANGE	37 Fact	NMPM	
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7	8 -	9	10	-11-	12
18	-17	-16	5 15	14	13
-19	20	21	1	23	24
30 -	29	28	3	26	25
31-	32 -	-33	334-	35	36
	L CORPORATIO	N - Harry	ling page, Exhib Leonard NCT-F #	7 in Unit J o	
Complet Pool bo	ed in Drinka undary color	rd on Augu ed in red.	st 21, 1962. T	Cop of Perfora	•
Propose	u extensions	colored i	n green. SECTI SECTI	ON 2: Lot 10 ON 19: W/2 SI	

CASE 2722: (n) EXTENSION OF AN EXISTING OIL FOOL

COUNTY	LEA	POOL WEST	IUME-QUEEN		
TOWNSHI	P 16 South	RANGE33 East	ı NM	P M	
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7 -	8 -	9	10	- 11	12
18 -	17	16	15	14	13
					
19-	20	21	22	23	24
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31-	32 -	33	34	35	36
	E: One oil we	-	•		
	PROPERTIES, ced in Queen o				
	NDOB OIL PR		_		
	Section 15	-16-33. Compl	leted in Queen	on Novembe	er 30, 1962.
		forations 3928	31		
	oundary colore ed extensions		on SECTION		•
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CASE 2722: (6) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL SOUTH LANE-PENNSYLVANIAN



PURPOSE: One completed oil well capable of producing

APACHE CORPORATION - Midwest State #1 in Unit J of Section 23-10-33.

Completed in Penn on September 27, 1962. Top of Perforations 9771!

ADDITION--TOM BROWN DRILLING CO., INC. - Champlin State #1 in Unit I of Section 26-10-33. Completed in Penn (Bough C) on November 21, 1962. Top of Perforations 9805!

ADDITION--T. F. HODGE - Humble State #2 in Unit C of Section 26-10-33.

Completed in Bough C on October 7, 1962. Top of Perforations 9726!

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 23: S/2

SECTION 26: NW/4

ADDITIONS---SECTION 26: SE/4

SECTION 3 SW/4

COUNTY	LEA	POOL SOU	TH LANE-PEN	KSYLVANIAN	
TOWNSHIE	11 South	RANGE ;	34 East	NMFM	
	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
	6-11-34. C	PORATION -	State "E" 0 Penn (Boug	G5364 #1 in th C) on Dece	raph (o) Unit P of Section mber 2, 1962.
	indary colored LProposed ex		ored in gre	en. SECTION	6; E/2

County	Eddy			Pool_	Lo	со н	ills	(G1	caybu	rg-S	an i	And	res
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Propose	d ext	ension	n col	ored	in	g e e	en.	Sec	tion	19:	N/2	2 SV	N/4
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COUNTY LEA POOL MESA-QUEEN

TOWNSHIP 16 South	RANGE 32 East	NMPM
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7 8	9 10	-1112-
18	15	1413
19 20 -	21	23 24
30 29	28	26
31 32	33 - 34	35 36
	atad ail wall capable a	

PURPOSE: One completed oil well capable of producing
CACTUS DRILLING COMPANY - Mobil State #3 in Unit G of Section 16-16-32
Completed in Queen on October 23, 1962, Top of Perforations 3402
ADDITIONPAUL DE CLEVA - Tidewater State Gas Well #1 in Unit D of
Section 17-16-32. Completed in Queen on August 22, 1962.
Top of Perforations 3382'
Pool boundary colored in red.
Proposed extensions colored in green. SECTION 16: NE/4
ADDITIONSECTION 17: N/2

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CASE 2722: (s) EXTENSION OF AN EXISTING OIL POOL

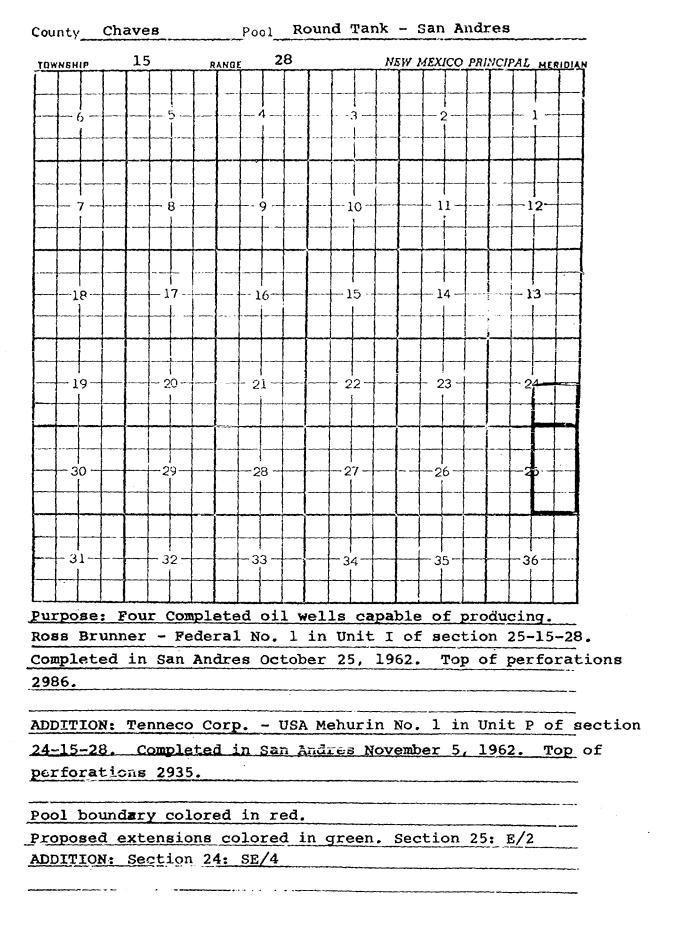
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TOWNSHIP 20 South	RANGE 37 1	East: NM	P <b>M</b>	
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31 - 32 -	33	34	35	36
PURPOSE: Two compl	leted oil wells	capable of p	roducing	
PAN AMERICAN PETROI	LEUM CORPORATION	- 0. J. Gil.	lully "B" #8	in Unit C
of Section 22-20-37	. Completed in	Tubb on Octo	ober 3, 1962	2. Top of
Perforations 6472'				
PAN AMERICAN PETROI			-	
Section 22-20-37. Perforations 6464'	Compressed in In	on ou necembe	EL A. TA05.	TOD OI
_ Pool boundary color	red in red.			•
Proposed extension		n. SECTION	22: NW/4	
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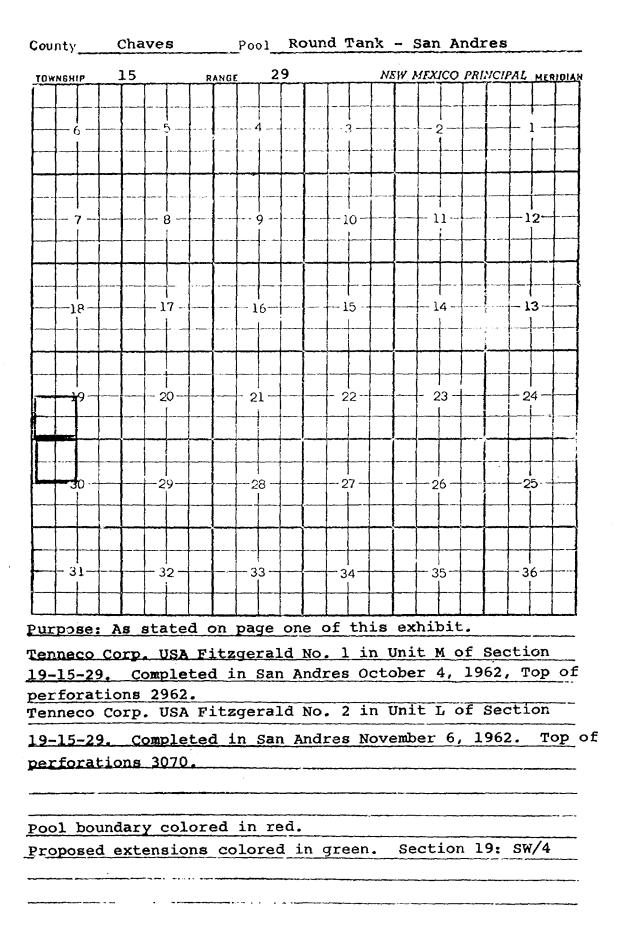
CASE 2722: (t) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

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CASE 2722: (t) EXTENSION OF AN EXISTING OIL FOOL (Continued)

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TOWNSHIP	21 South	RANGE	36 East		NMPM			
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ADDITION	N==GULF OIL CO							
	Section 24- Top of Per							
Pool bou	undary colored							
ADDITION	: Proposed o	extensio	on colored	in gr	een.	SECTION	24: SE	4
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CASE 2722: (v) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA		P	ool s	ALADO	DR	<u>AW-DEI</u>	<u>.AWA</u>	RE					
TOWNSHIP	26 S	outh	R	ANGE	33 F	last		N?	IPM					
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PURPOSE:	On	e compl	eted	oil w	ell c	apa	ble of	pr	odu	cine		<u> </u>		
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County	Eddy	Pool	East	Turkey	Track		·
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Purpose:	One com	oleted oi	l well	capabl	e of pr	oducing.	
Chemical							of
Section :	1-19-29.	Complet	ed in	Queen C	ctober	13, 1962	•
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Pool bou							
Proposed	extensi	on colore	d in c	graen. S	Section	1: SW/4	· · · · · · · · · · · · · · · · · · ·

CASE 2722: (x) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

IOWNSH:		കാവവ	th	MAIN	<i>ii</i> . 35	East		NMPM				
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PUR <u>POS</u>	E:	Two c	omple	ted oi	l wel	ls cap	able o	f prod	ucing			
SOCONY	MOB	IL 01	L COM	PANY -	Stat	e "P"	#6 in	Unit B	of Se	ction	26-1	7-35
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CASE 2722: (x) EXTENSION OF AN EXISTING OIL FOOL (Continued)

COUNTY LEA POOL VACUUM-ABO TOWNSHIP 18 South RANGE NMPM 10 - 16 - 15 14 19 20 -21-22 -23-24--30 29 28 27 26-25 -31 32 - 33 -- 34 -- 35 36 -PURPOSE: As stated on preceding page, Exhibit 1, paragraph (x) FOREST OIL CORPORATION - State B Lee #5 in Unit M of Section 7-18-35. Completed in Abo on October 14, 1962. Top of Perforation 8865 Pool boundary colored in red. Proposed extension colored in green. SECTION 7: S/2 SW/4

COUNTY LEA	POOL VACUUM-ABO	
TOWNSHIP 18 South	RANGE 34 East	NMPM
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7 - 8 -	9 10	-111
	1 + + + + + + + + + + + + + + + + + + +	
18	16 15	14
19 20	21 - 22 -	23 + 24 + 24
30	28	26
31 32	33 - 34 -	35 - 36 -
DIERPOSE: As stated on	proceding ness. Public	
		it l, paragraph (x)  w Mexico State "BO" #5 in
		eted in Abo on November 26,
<u>-</u>		
Pool boundary colored		en. SECTION 12: SW/4 NE/4
	rension rotored in gree	

CASE 2722: (a) CREATION OF A NEW OIL POOL

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	20-29-32-	20 21 29 28 33 33 33 33 33 33 33 33 33 33 33 33 33	20 21 22 27 27 28 27 33 34 34	20 21 22 23 23 24 29 28 27 26

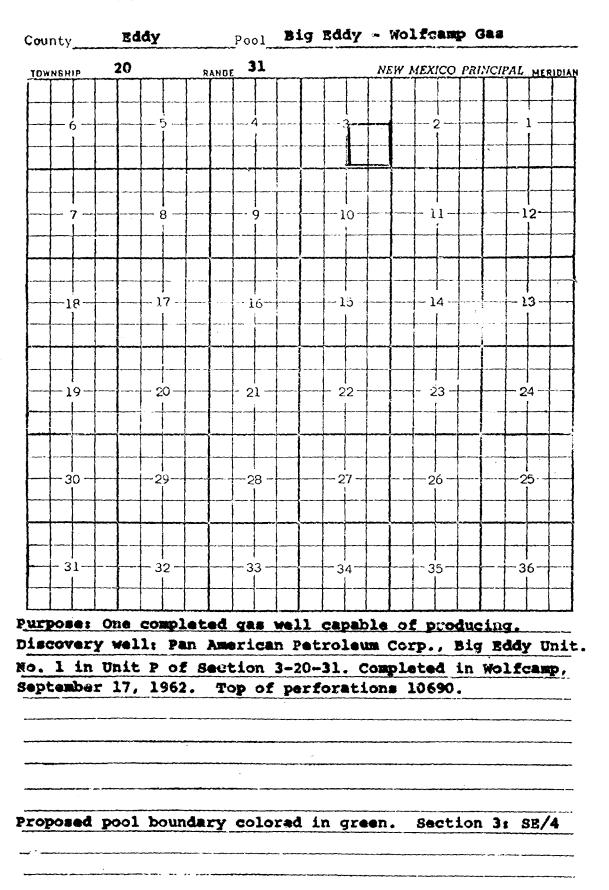
Purpose:	One Co	mplete	d lio f	ell car	pable	of pro	lucing.	
Discover						_		
16-10-27 perforat	_		in San		_	·		_
Proposed	l pool k	oundar	A cojor	ed in	<del>groon .</del>	Section	on 161	<del>SE/4</del>
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CASE 2722: (b) CREATION OF A NEW OIL POOL

		POOL SOUTH A	DERSON-NOLFO	CAMP	
OWNSHIP 1	South	RANGE 32 East	NMP	М	
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		pool for the rald Unit #1			
		m October 11,			
POGA DOMING	ry colored 1	n red. SECTI	UN 23: NW/4		
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CASE 2722: (c) CREATION OF A NEW GAS POOL



CASE 2722: (d) CREATION OF A NEW OIL POOL

COUNTY	ROC	SEVELT		POOL	SOUT	H PRA	IRIE-8	AN AND	res	 	
TOWNSHI	Р 8	South		RANGE	36 1	East		NMPM			
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7-		8		9	9		- 10		- 11 -	-12-	
18		1	7	-1	6		- 15		14-	-13-	
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		Create				the 1	nclusi	on of-			
Section	n 16	ATES G. -8-36. ms 480-	Comp.								
Pool b	ounc	lary co.	lored :	in red	. si	etio	N 16:	\$E/4			

CASE 2722: (e) EXTENSION OF AN EXISTING OIL POOL (Continued on mext page)

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mander. A		ed edl mall o			
		ed oil well co			
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	n Penn (Bo	ugh C) on Sept	ember 15, 19	262. Top of	Perforstio
576¹.					
ool bounds	ry colored	in red.			
roposed ex	tension co	lored in green	. SECTION :	3: E/2 SE/	<u>'4</u>
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CASE 2722: (e) EXTENSION OF AN EXISTING OIL POOL (Continued)

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	E: As state	ed on preceding page	e, Exhibit 1, parag	raph (e)
PURPOSI				-
		O. & ARNOLD H. BRUN	ER & CO McCornic	
TEXAS	GAS PROD. CO		in Penn on Hovember	r 28, 1962.
Unit D	GAS PROD. CO	3-9-87. Completed		r 28, 1962.
Unit D of Per	GAS PROD. CO of Section forations 96	3-9-87. Completed	in Pessa on Hoversber	
Unit D of Per	GAS PROD. CO of Section forations 96	3-9-87. Gompleted 609' ORPORATION - Branca	in Pessa on Hovember and Federal #2 in Un	it B of Secti
Unit D of Per	GAS PROD. CO of Section forations 96	3-9-87. Completed 609' ORPORATION - Brewns d in Penn (Bough C)	in Pessa on Hoversber	it B of Secti
Unit D of Per	GAS PROD. CO of Section forations 96 MOEL OIL CO Completed extions 9622	3-9-87. Completed 609' ORPORATION - Brewns d in Penn (Bough C)	in Penn on Hovember and Federal #2 in Un on September 26, 1	it B of Secti
Unit D of Per	GAS PROD. CO of Section forations 96 NOEL OIL CO Completed stions 9622'	3-9-37. Gompleted 609'  ORPORATION - Branca d in Penn (Bough C)  LLING COMPANY - ODC	in Penn on Hovember  and Federal #2 in Uni  on September 26, 1	it B of Secti 962. Top of f Section 4-9
Unit D of Per	GAS PROD. CO of Section forations 96 MOEL OIL CO completed stions 9622 WESTERN DRIL	3-9-87. Completed 609'  ORPORATION - Branca d in Penn (Bough C)  LLING COMPANY - ODC  (Bough C) on Novem	in Pessa on Hovember and Federal #2 in Unit on September 26, 1:  "C" #2 in Unit L or abar 6, 1962. Top or	it B of Secti 962. Top of f Section 4-9 f Perforation
Unit D of PerRODMAN 4-9-87 PerforGREAT   Complete	GAS PROD. CO of Section forations 96 MOEL OIL CO Completed stions 9622' WESTERN DRIL ted in Penn H. BRUNER	3-9-87. Gompleted 609'  ORPORATION - Branca d in Penn (Bough C)  LLING COMPANY - ODC  (Bough C) on Novem - King Federal #1 i	in Penn on Hovember and Federal #2 in Unit Localer 6, 1962. Top of unit D of Section	it B of Section 962. Top of  f Section 4-9 f Perforation 17-9-87. Go
Unit D of Per	GAS PROD. CO of Section forations 96 NOEL OIL CO Completed stions 9622' WESTERN DRIL ted in Penn H. BRUNER - m (Bough C)	3-9-37. Gompleted 609'  ORPORATION - Branca d in Penn (Bough C)  LLING COMPANY - ODC  (Bough C) on Novem  - King Federal #1 i	in Pessa on Hovember and Federal #2 in Unit on September 26, 1:  "C" #2 in Unit L or abar 6, 1962. Top or	it B of Section 962. Top of  f Section 4-9 f Perforation 17-9-87. Go
Unit D of Per	GAS PROD. CO of Section forations 96 MOEL OIL CO Completed ations 9622 WESTERN DRIL MESTERN DRIL	3-9-37. Gompleted 609'  DRPORATION - Bremna d in Penn (Bough C)  LLING COMPANY - ODC  (Bough C) on Novem - King Federal #1 i on November 6, 196 ored in red.	in Penn on Hovember and Federal #2 in Unit on September 26, 12 in Unit L on ther 6, 1962. Top of Unit D of Section 12. Top of Perforat	it B of Section 962. Top of  f Section 4-9 f Perforation 17-9-37. Company 1728;
Unit D of Per	GAS PROD. CO of Section forations 96 MOEL OIL CO Completed ations 9622 WESTERN DRIL MESTERN DRIL	3-9-37. Gompleted 609'  DRPORATION - Bremna d in Penn (Bough C)  LLING COMPANY - ODC  (Bough C) on Novem - King Federal #1 i on November 6, 196 ored in red.	in Penn on Hovember and Federal #2 in Unit on September 26, 1 "C" #2 in Unit L or aber 6, 1962. Top of la Unit D of Section 2. Top of Perforation or and the green. SECT	it B of Secti 962. Top of f Section 4-9 f Perforation 17-9-37. Co ions 9728'

CASE 2722: (f) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LUA		POOL	KEST A	HDERSON	RANCH-G	RAYBURG		
TOWNSHIP	16 8	outh	RANGE	32 E	et	NMPM			
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PURPOSE:	One	complete	d oil	wall c	apable o	f produc	ing		
BOB DEAD	, MTD	Sinc	lair St	ate 11	in Unit	M of St	ection 5-	15-32.	
	d in	Grayburg	(Premi	er) on	October	14, 19	2. Top	of Peri	foratio
40501		colored	in mad						
		nsion col			a. Sect		SW/4		
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CASE 2722: (g) EXTENSION OF AN EXISTING GAS POOL

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OWNSHIP 18	South F	ANGE SE ESS	MM	PM	<del>,</del>
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131	32	33	34	35	36
PURPOSE: O	ne completed	gas well ca	pable of pro	ducing	
	- State 23				Completed
	bruary 27, 1				
	ry colored i				
	tension colo			S: NE/4	
		-			

CASE 2722: (h) EXTENSION OF AN EXISTING OIL FOOL (Continued on next page)

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FURPOSE: One completed oil well capable of producing

GULF OIL CORPORATION - Graham State NOT-1 iil in Unit M of Section 19-21-87.

Completed in Blinebry on October 8, 1962. Top of Perforations 5829'

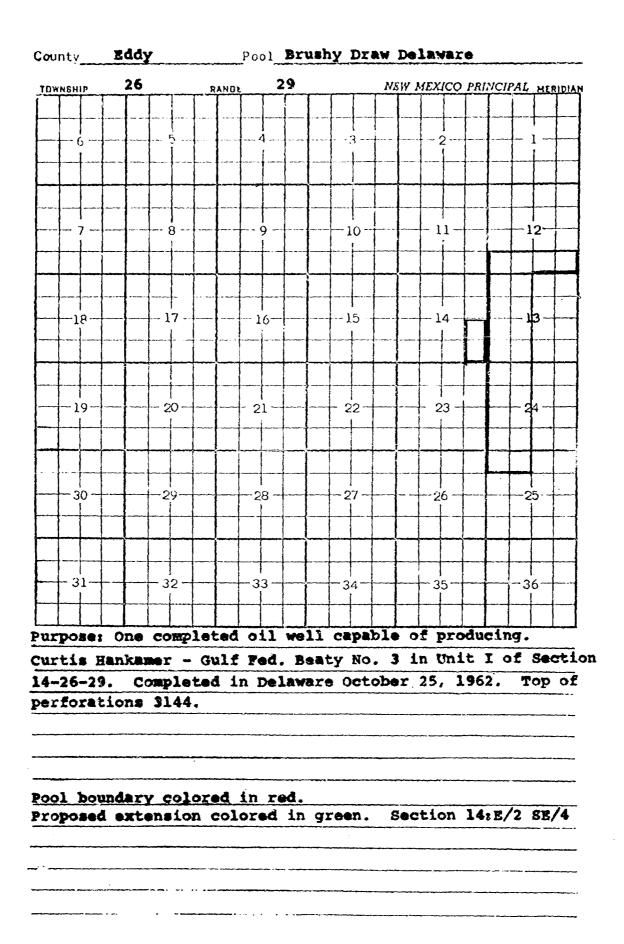
Pool boundary colored in red.

Proposed extension colored in green. SECTION 19: W/3 8W/4

CASE 2722: (h) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY	LEA	POOL BLI	NEBRY	
TOWNSHIP	21 South	RANGES6 Ea	nmpm	
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1-1-1				
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+				
31	32	33	34	35 - 36 -
+				
				paragraph (h)
MARTITUM				r-A #8 in Unit P of
		rforations 561		on November 21, 1
Pagi ham	indary colore			The second section of the second seco
rout we			anad in ourses	ECTION 24: SE/4
ADDITION	I PTERMAN	AVACANTANT CAT	V- TH AL SAVER	MALANN ETI DL/T
<u>ADDITION</u>	: Proposed			
ADDITION	1: Proposed			
ADDITION	1: Proposed			
ADDITION	1: Proposed			<u>.</u>
ADDITION	1: Proposed			
ADDITION	1: Proposed			

CASE 2722: (1) EXTENSION OF AN EXISTING OIL POOL



CASE 27221 (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL CORBIN~ADO

TOWNSHIP	18 South	RANGE 33 East	t NMPM	
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	1			
31	+ + 32 +	33	- 34 35	36
PURPOSE	The complete	od odlaralla om	pable of producing	
		_	B of Section 2-18-33.	
			Perforations 8704	Compage
			A of Section 2-18-88.	Complete
			Perforations 8753	
	dary colored			
			SECTION 2: NE/4	······································
		en Prosut	TI NOTE	
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CASA 2799: (k) EXTENSION OF AN EXISTING OIL POOL

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IRPOSE:		comple	ted oil we	11 6	anable of	producing	
							Section 21-17
						of Perforation	
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CASE 2722: EXTENSION OF AN EXISTING OIL POOL COUNTY LEA POOL DOUBLE X-DELAWARE

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FURFORE: One completed oil well capable of producing TENNECO CORPORATION - USA Jennings #2 in Unit M of Section 14-24-32. Completed in Delaware on October 16, 1962. Top of Perforations 4920' ADDITION -- CURTIS HANKAMER - Gulf Hamagam Federal #3 in Hmft E of Section 12-24-32. Completed in Delaware on October 26, 1962. Top of Perforations 4988' Pool boundary colored in red. Proposed extensions colored in green. SECTION 14: SW/4 ADDITION: SECTION 12: W/2

CASE 2722: (m) EXTENSION OF AN EXISTING OIL FOOL (Continued on next page)

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CASE 2722: (m) EXTENSION OF AN EXISTING OIL POOL (Continued)

GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section 2=21-37. Completed in Drinkard on October 17, 1962. Top of Perforation 6634° GULF OIL CORPORATION - Graham State NCT-I #1 in Unit H of Section 19-2 Completed in Drinkard on August 21, 1962. Top of Perforations 6658° Pool boundary colored in red.		LEA	<del></del>	POOL				<del>"</del>		· · · · ·			
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PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2-21-47. Completed in Drinkard on October 17, 1962. Top of Perforations  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit H of Section 19-2  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10	+-+-+				+				-				1
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (a)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2-21-37. Completed in Drinkard on October 17, 1962. Top of Perforations  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit H of Section 19-  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10	+++			<b>.</b>					<b>-</b>			_	-
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (a)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2-21-37. Completed in Drinkard on October 17, 1962. Top of Perforations  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit H of Section 19-  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10	+++	-					$\vdash$	_	-		-		-
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PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Drinkard on October 17, 1962. Top of Perforations  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit H of Section 19-2  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Proposed extensions colored in green. SECTION 2: Lot 10	+++			-				-	<del> </del>		┤╌╏		
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PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Drinkard on October 17, 1962. Top of Parforations 6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit H of Section 19-2  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10	+++			1	$\left\{ -\right\}$		-						<del> </del>
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Brinkard on October 17, 1962. Top of Perforation  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit H of Section 19-2  Completed in Brinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10	<del>  18  </del>		-17 🕂		.6		- 1	5 —	+-	14-	-	<u> </u>	3-
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Brinkard on October 17, 1962. Top of Parforati  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit H of Section 19-2  Completed in Brinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10	+ + +				<del>  </del>		<del>  -  </del>			<del>  </del>	<del>  -  </del>		+ + -
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Brinkard on October 17, 1962. Top of Perforation  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit H of Section 19-2  Completed in Brinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10	+ + +				1	_			+				
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Brinkard on October 17, 1962. Top of Parforati  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit H of Section 19-2  Completed in Brinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10	+-1-+		++-	1	+		<del>  </del>		1		†-†	+	1
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Drinkard on October 17, 1962. Top of Perforation  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit M of Section 19-2  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10	119		- 20 -	1 + 2	1	+	<b>+ 2</b> :	2	1	- 23-		<del>    2</del>	4 -
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Drinkard on October 17, 1962. Top of Perforation  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit M of Section 19-2  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10		<b>i</b>					<del>  </del>	1	1		<del>                                     </del>		
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Drinkard on October 17, 1962. Top of Perforation  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit M of Section 19-2  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green, SECTION 2: Lot 10				1		1							
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Drinkard on October 17, 1962. Top of Perforation  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit M of Section 19-2  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10								_	1				
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Drinkard on October 17, 1962. Top of Perforation  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit M of Section 19-2  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10	7-70-7		29-		8 -		1	<b>/</b>	1	- 26-		2	P
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Drinkard on October 17, 1962. Top of Perforation  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit M of Section 19-2  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10													
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Drinkard on October 17, 1962. Top of Perforation  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit M of Section 19-2  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10													
PURPOSE: As stated on preceding page, Exhibit 1, paragraph (m)  GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section  2=21-37. Completed in Drinkard on October 17, 1962. Top of Perforation  6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit M of Section 19-2  Completed in Drinkard on August 21, 1962. Top of Perforations 6658'  Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10			- 32		1 2 2		1 3	a 📙		  - 35 -			35
GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section 2=21-37. Completed in Drinkard on October 17, 1962. Top of Perforation 6634' GULF OIL CORPORATION - Graham State NCT-I #1 in Unit H of Section 19-2 Completed in Drinkard on August 21, 1962. Top of Perforations 6658' Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10	1		1						1_				<u> </u>
GULF OIL CORPORATION - Harry Leonard NCT-F #7 in Unit J of Section 2=21-87. Completed in Drinkard on October 17, 1962. Top of Perforation 6684' GULF OIL CORPORATION - Graham State NCT-I #1 in Unit M of Section 19-2 Completed in Drinkard on August 21, 1962. Top of Perforations 6658' Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10					مع بن يوريد				-				
2=21-37. Completed in Drinkard on October 17, 1962. Top of Parforation 6634'  GULF OIL CORPORATION - Graham State NCT-I #1 in Unit M of Section 19-2 Completed in Drinkard on August 21, 1962. Top of Parforations 6658' Pool boundary colored in red.  Proposed extensions colored in green. SECTION 2: Lot 10													
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CASE 2722: (n) EXTENSION OF AN EXISTING OIL POOL

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PURPOSE	: One	eil wel	1 capal	ble of	producing			
DOB OIL	PROPE	rties, i	NC 1	Pura St	ate #2 in	Unit I c	f Secti	on 15-16-
Complet	ed in	Queen on	Octobe	er 1. 1	962. Top	of Perfo	rations	39241
ADDITIO	NDOB	OIL PRO	PERTIE	s, INC.	- Texaco	State #1	in Uni	t K of
	Sec	tion 15-	16-33.	Compl	eted in Qu	ees on N	gyenber	30. 1962
	-	of Peri		_	-			
Poel bo		colored						
					en. SECTI	ION 15:	SE/4	
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CASE 2722: (6) EXTENSION OF AN EXISTING CIL POOL (Continued on next page)

COUNTY LEA POOL SOUTH LANE-PENNSYLVANIAN

TOWNSHIP 10 80	uth R	ANGE	83 Es	st	NMPM		
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PURPOSE: One completed oil well capable of producing

APACHE CORPORATION - Midwest State #1 in Unit J of Section 23-10-33.

Completed in Penn on September 27, 1962. Top of Perforations 9771'

ABDITION--TOM BROWN DRILLING CO., INC. - Champlin State #1 in Unit I of Section 26-10-33. Completed in Penn (Bough C) on November 21, 1962. Top of Perforations 9805'

ADDITION--T. F. HODGE - Humble State #2 in Unit G of Section 26-10-33.

Completed in Bough C on October 7, 1962. Top of Perforations 9726'

Poel boundary colored in red.

Eroposed extensions colored in green. SECTION 23: S/2

SECTION 26h NW/4

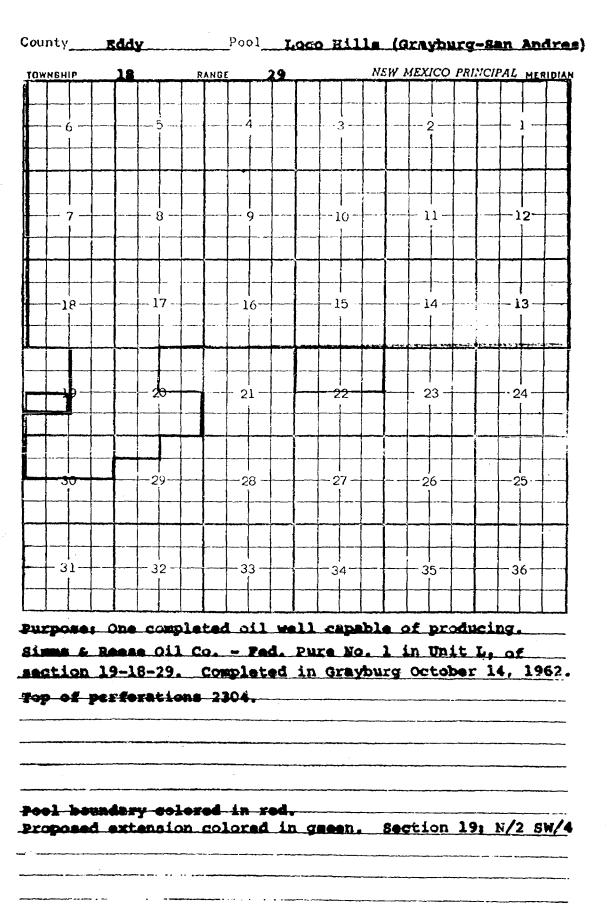
ADDITIONS---SECTION 26: SE/4

SECTION 3 SW/4

CASE 2722: (e) EXTENSION OF AM EXISTING OIL POOL (Continued)

COUNTY	LEA		POOL	Sout	H LAHE-	PENNSY	LVANIAN	· · · · · · · · · · · · · · · · · · ·	
TOWNSHIP	11	South					MPM		
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URPOSE:	A9 1	stated o	n prece	ding p	age, E	dibit	l, paragr	zoh (c)	
-Holtiga							4 #1 in U		Secti
							on Decem		
	Dept	th to Ca	sing Sh	oe 979	0'		· · · · · · · · · · · · · · · · · · ·		
Poel bour									· · · · · · · · · · · · · · · · ·
ADDITION-	-Proj	posed ex	ctension	color	ed in	reen.	SECTION	6: E/2	
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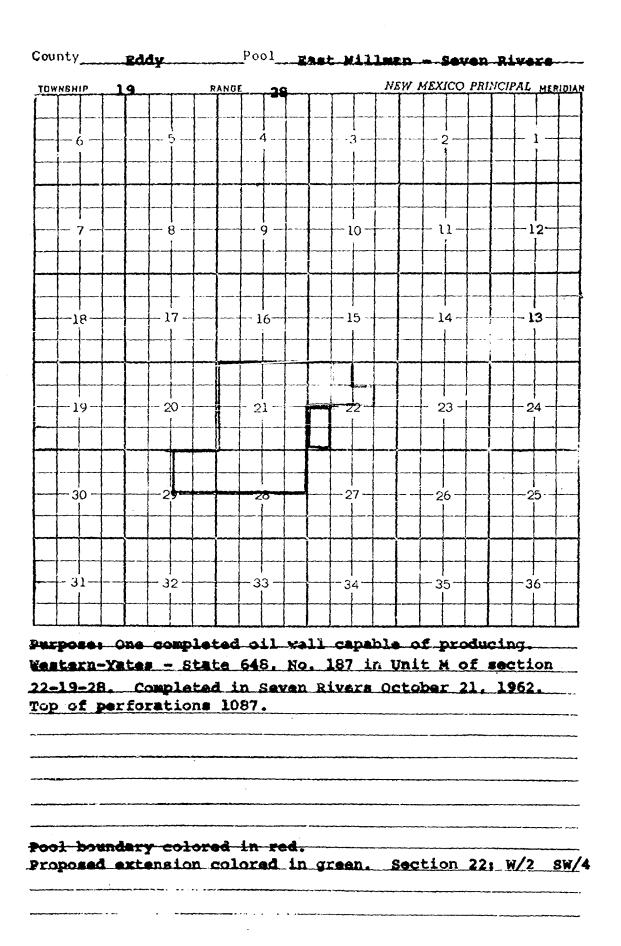
CASE 2722: (p) EXTENSION OF AN EXISTING OIL POOL



CASE 2722: (q) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL	MESA-QUI	EEN		
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	in Queen or PAUL DE CL					
	Section 17	-16-32.	Complet	ed in Qu	een on Augu	et 22, 1962.
	Top of Per					
	ndary colore extensions			SECTI	ON 36: NE/	
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## CASE 2722: (r) EXTENSION OF AN EXISTING OIL POOL



CASE 2722: (a) EXTENSION OF AN EXISTING OIL POOL

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Perfora	tions	6472	t														
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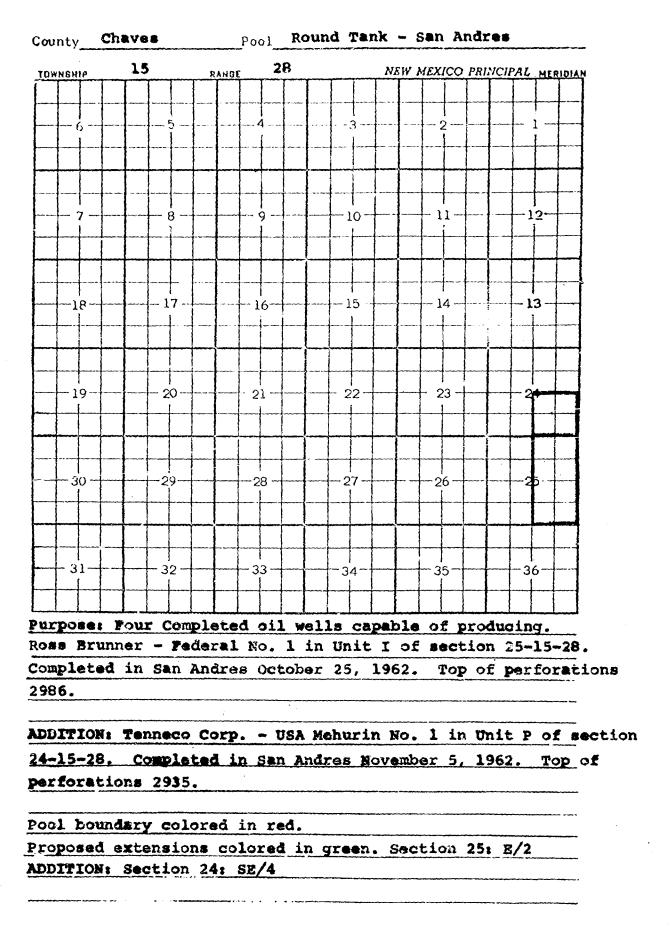
CASE 2722: (t) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY L	EA	POOL TO	DDOCK		
TOWNSHIP	21 South	RANGE 37	Esst	NMPM	
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19	20	21	22-	23	24
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PURPOSE:	One complet	ed oil well	canable of	producing.	an in the second of the second of the second
CHEF OIL	COMPORATION	- Grahan Sta	te NCT-I	-	f Section 19-21- tions 5162'
	dary colored extension co		on. SECT	ION 19: W/2 S	W/4

CASE 2722: (t) EXTENSION OF AN EXISTING OIL FOOL (Continued)

COUNTY LEA POOL PARDOCK TOWNSHIP 21 South 10 --11--12 - 16 -15. 14 -- 18 -22--19 20 -21-23 - 26 -25 -- 29 -- 28 --30 -27-- 31-- 32 -- 33 – - 34 -35 PURPOSE: As stated on proceding page, Exhibit 1, paragraph (t) AUDITION -- CULF OIL CORPORATION - H. T. Hattern NOT-A #3 in Unit P of Section 24-21-36. Completed in Paddock on November 21, 1962. Top of Perforations 5180' Pool boundary colored in red. ADDITION: Proposed extension colored in green. SECTION 24: SE/4

CASE 2722: (u) EXTENSION OF AM EXISTING OIL POOL (Continued on next page)



CASE 2722: (u) EXTENSION OF AN EXISTING OIL POOL (Continued)

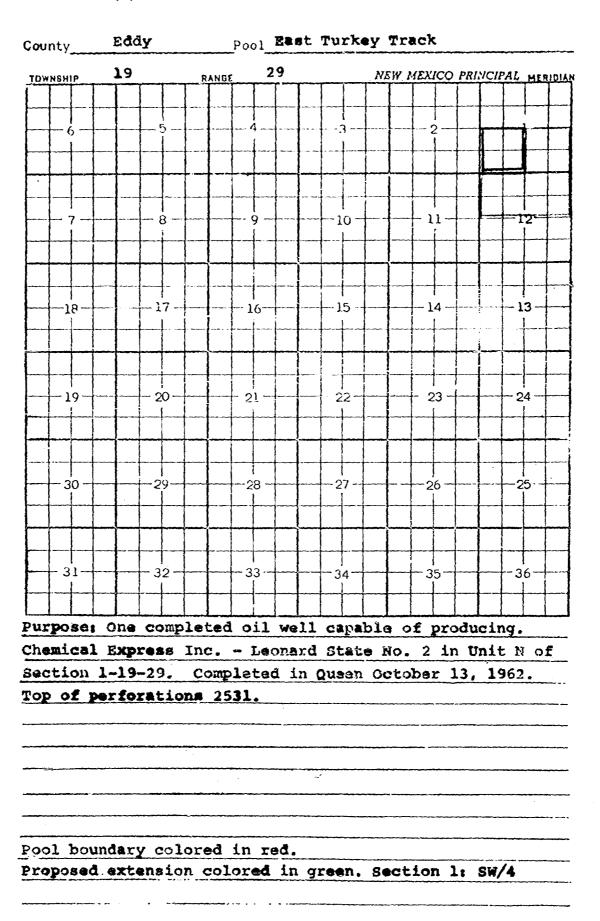
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neco	Corp. T	ISA Pi	tzgeral	d No. 2 i	n Unit L	of Secti	on
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CASE 2722: (v) EXTENSION OF AR EXISTING OIL POOL

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CASE 2722: (w) EXTENSION OF AN EXISTING OIL POOL



CASE 2722: (M) EXTENSION OF AN EXISTING OIL POOL (Continued on mext page)
COUNTY LEA POOL VALUE AND

COUNTY	LEA	POOL VAS	14074-1120		
TOWNSHIP	17 South	RANGE 33	East_	NMPM	
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Propose	d extension co	lored in s	reen. SWT	ton 26: NW/4 NE/	4
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CASE 2722: (x) EXTENSION OF AN EXISTING OIL FOOL (Continued)

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-		ctension co	plored i	n gr	262.	SECTI	ON 7:	S/2 SW	/4
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CASE 2722: (x) EXTENSION OF AN EXISTING OIL POOL (Continued)

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PURPOSE:	As ste	ted on	preced	ing pag	e, Exhibit	1, pa	regrap	h (x)	
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ADDITION:	Propo	sed ext	tension	colore	d in green	. SEC	tion 1	2: SW/	/4 NE/
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