Case No.
3696

Large Exhibits

N.M.C.C. MICROGRAPHICS

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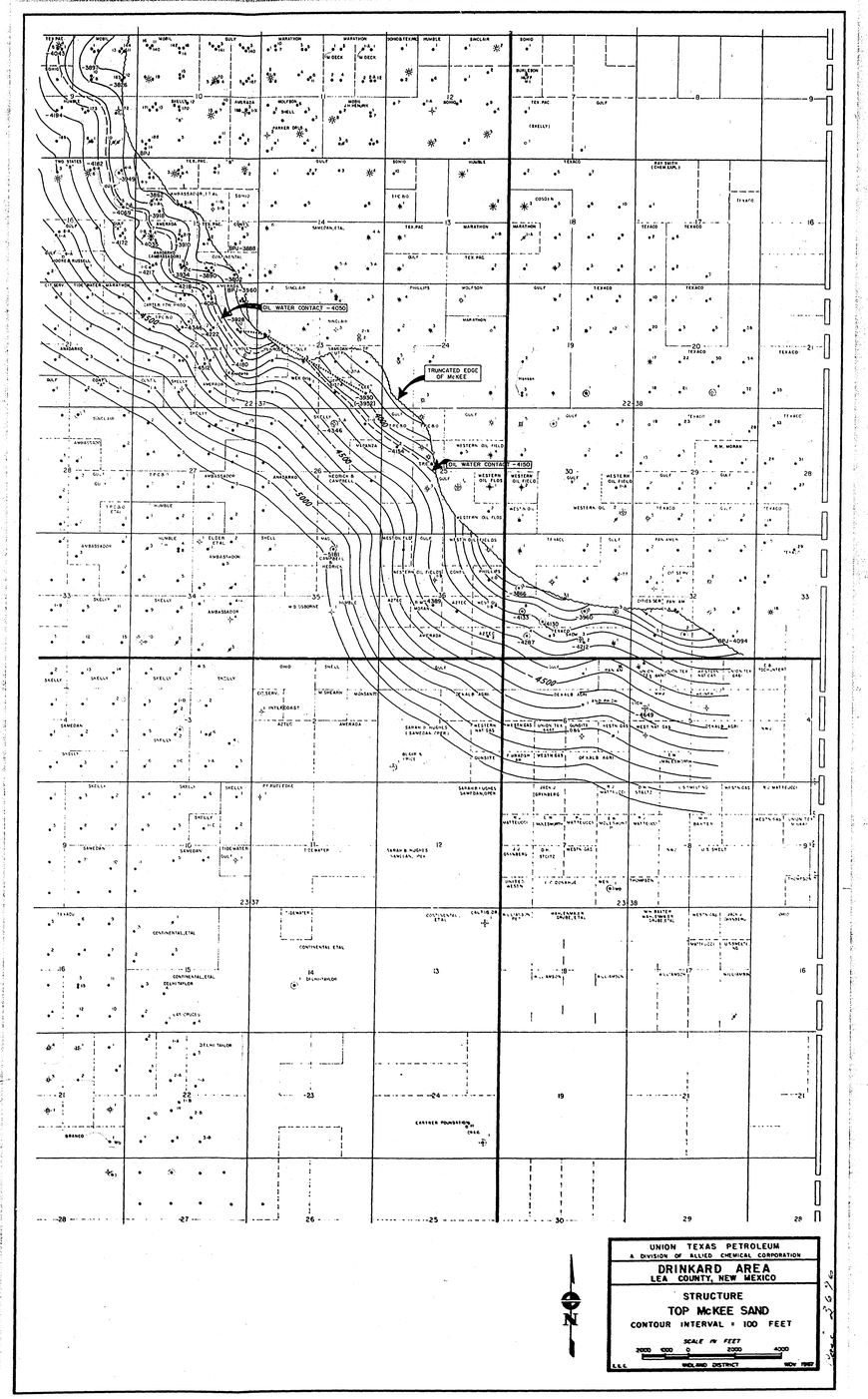

N.M.O.C.C. MICROGRAPHICS
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R-37-E

R-38-E

T 22 S

DISCOVERY WELL

R-37-E

R-38-E

UNION TEXAS PETROLEUM
A DIVISION OF ALLIED CHEMICAL CORPORATION

DRINKARD AREA
LEA COUNTY, NEW MEXICO

SHOWING
PRODUCING FORMATIONS (PAST AND PRESENT) AND
TOTAL DEPTHS OF ALL DRY HOLES
NAMES OF ALL LESSEES

SCALE IN FEET
1000 500 0 1000 2000

WM. BURN M SMITH — MIDLAND DISTRICT — NOV. 13, 1967

N.M.M.C.F. MICROGRAPHICS
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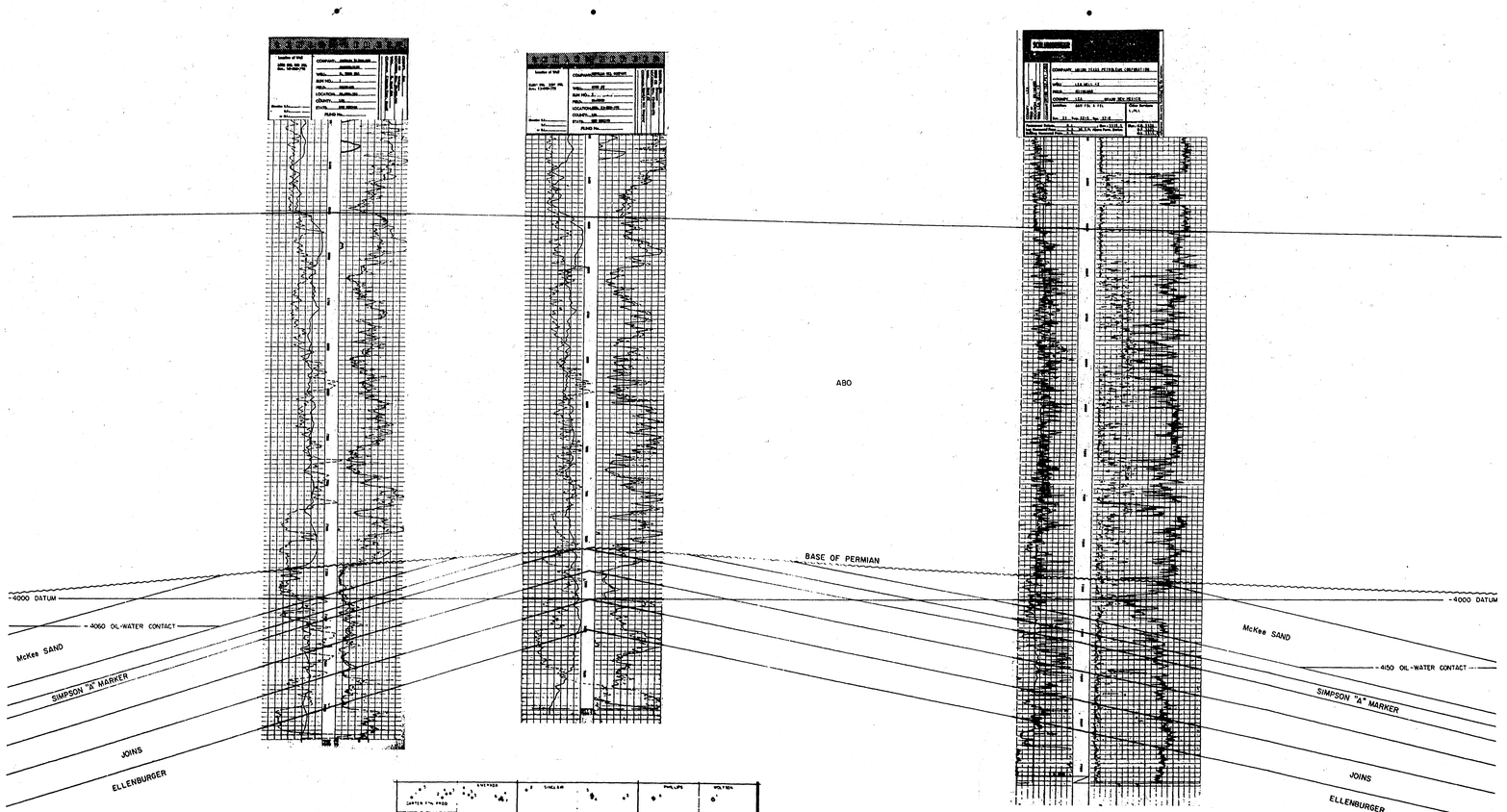

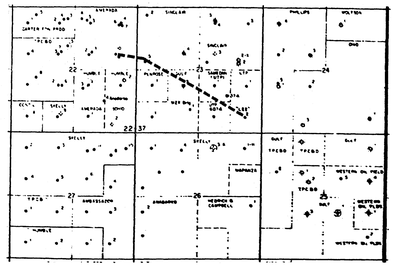

UNION TEXAS PETROLEUM
A DIVISION OF ALLIED CHEMICAL CORPORATION

DRINKARD AREA
LEA COUNTY, NEW MEXICO

EAST-WEST CROSS SECTION

MIDLAND DISTRICT

U.S.N.C.F. MICROGRAPHICS
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CASE 3696: Southeastern New Mexico nomenclature case calling for an order for the creation of one pool and the assignment of an oil discovery allowable therein, for extensions, contraction and redefinitions of certain other pools in Lea, Chaves and Roosevelt Counties, New Mexico.

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for McKee production and designated as the East Brunson-McKee Pool comprising the following described acreage:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 23: SE/4 SE/4

Further, for the assignment of approximately 36,730 barrels of oil discovery allowable to the discovery well, Union Texas Petroleum Corporation's Lea Well No. 2 located in Unit P of said Section 23.

(b) Contract the Inbe Permo-Pennsylvanian Pool in Lea County, New Mexico, by deletion of the following described acreage:

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

(c) Extend the Middle Lane-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 11: SE/4
SECTION 23: NW/4NW/2 SW/4
ADDITION----------SECTION 13: SE/4

(d) Redefine the vertical limits of the Moore-Pennsylvanian Pool in Lea County, New Mexico, as being from the shale break at 8297 feet to the top of the Mississippian at 9974 feet as in Amerada Petroleum Corporation, State "MA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East, NMPM, and re-designate said pool as Moore-Permo Pennsylvanian Pool.

(e) Redefine the vertical limits of the Moore-Wolfcamp Gas Pool in Lea County, New Mexico, as being from the top of the Wolfcamp at 8042 feet to the shale break at 8297 feet as in Amerada Petroleum Corporation, State "MA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East, NMPM.

(f) Extend the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
SECTION 28: S/2
SECTION 33: NE/4

ADDITIONS----------SECTION 27: N/2
SECTION 28: N/2
SECTION 29: SE/4
SECTION 32: NE/4
SECTION 33: NW/4 and S/2
SECTION 34: NW/4

(g) Extend the Chaveroo-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM
SECTION 35: SW/4
ADDITION----------SECTION 23: SW/4

(h) Extend the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 16: W/2

(i) Extend the South Flying "H"-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 24: SE/4

(j) Extend the Flying "H"-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 33: N/2

(k) Extend the East Hightower-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM
SECTION 21: SW/4

(l) Extend the Inbe-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 25: N/2 NE/4
ADDITION----------SECTION 23: E/2 SE/4
TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
SECTION 5: Lots 3 and 4
SECTION 19: SW/4

(m) Extend the South McCormack-Silurian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 16: NW/4

(n) Extend the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: NE/4

(o) Extend the Teague-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
SECTION 21: SW/4

(p) Extend the North Vacuum-Lower Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
SECTION 34: E/2 SW/4
ADDITION----------TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 4: NE/4

N.M.O.C.D. MICROGRAPHICS
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(g) Extend the Chaveroo-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 32 EAST, NMPM
SECTION 36: SW/4

(h) Extend the Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 16: W/2

(i) Extend the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 24: SE/4

(j) Extend the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 33: N/2

(k) Extend the East Hightower-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM
SECTION 25: SW/4

(l) Extend the Inbe-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 25: N/2 NE/4

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
SECTION 31: Lots 3 and 4
SECTION 19: SW/4

(2) Consideration of the allowable production of gas for January, 1968, from thirteen prorated pools in Lea, Eddy, and Roosevelt Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico,

[illegible] thereon, for extensions, contraction and reclassifications of certain other pools in Lea, Chaves and Roosevelt Counties, New Mexico.

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for McKee production and designated as the East Brunson-McKee Pool comprising the following described acreage:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 23: SE/4 SE/4

Further, for the assignment of approximately 36,730 barrels of oil discovery allowable to the discovery well, Union Texas Petroleum Corporation's Lee Well No. 2 located in Unit P of said Section 23.

(b) Contract the Inbe Permo-Pennsylvanian Pool in Lea County, New Mexico, by deletion of the following described acreage:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 23: NW/4 N/2 SW/4

(c) Extend the Middle Lane-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 11: SE/4
SECTION 23: NW/4 N/2 SW/4

(d) Redefine the vertical limits of the Moore-Pennsylvanian Pool in Lea County, New Mexico, as being from the shale break at 8297 feet to the top of the Mississippian at 9974 feet as in Amerada Petroleum Corporation, State "AA" No. 1, located in Unit M of Section 24, Township 11 South, Range 32 East, NMPM, and re-designate said pool as Moore-Permo Pennsylvanian Pool.

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