Case Number

4028

Large

Exhibits

W.N.R.C.F. MICROGRAPHICS

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R.-21-E.

R.-23-E.

T. 18 S.

T. 19 S.

HOPE UNIT

SOUTH HOPE UNIT

SUN OIL COMPANY-DX DIVISION
HOPE AREA
EDDY COUNTY, NEW MEXICO
STRUCTURE MAP
DATUM: Top Mississippian Chester
C.I.-100' DATE: 11-8-68

N.M.C.C.F. MICROGRAPHICS

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N.

S.

SUN OIL COMPANY-DX DIVISION
NO. 1 HOPE UNIT

EL. 4083 T.D. 7477

SUN OIL COMPANY-DX DIVISION
NO. 1 SOUTH HOPE UNIT

EL. 4068 T.D. 8104

SUN OIL COMPANY-DX DIVISION
NO. 2 SOUTH HOPE UNIT

EL. 4143 T.D. 7431

-1500'

CISCO (CORRECTED)

FORMER CISCO

CANYON

STRAWN

Perf: 5870 - 96
5930 - 50
6028 - 40
Treat: 1000 gal Acid
IP: CAOF 3800 MCFGPD
DATE: 3-23-64

W.N.M.C.F. MICROGRAPHICS

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Perf: 7155 - 64
7177 - 88
Treat: 4000 gal Acid
+600 MCF of Co_2
Frac: 20,000 gal diesel
+ 24,000 # Sand
IP: 66 MCFGPD
Date: 3-2-64

B.P.

T.D. 7477

Perf: 7326 - 68
Treat: 2000 gal Acid
IP: CAOF 20,000 MCFGPD
Date: 4-9-63

STRAWN

CHESTER
(MAP DATUM)

MEREMAC

WOODFORD

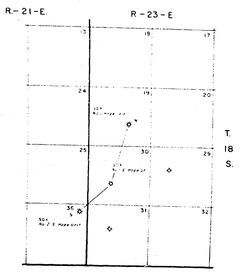
DEVONIAN

T.D. 8104

Perf: 7277 - 97
Treat: 2500 gal Acid
CAOF: 680 MCFGPD
Date: 8-26-63

T.D. 7431

PLAT SHOWING LINE OF CROSS SECTION



PLAT SCALE 1"=4000'

SUN OIL COMPANY-DX DIVISION

HOPE AREA

EDDY COUNTY, NEW MEXICO

NORTH TO SOUTH CROSS SECTION

DATE 11-8-68

SCALE: HORIZONTAL — P VERTICAL — 2" = 100'

U.S.N.G.F. MICROFILMING
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CASE 4028: Southeastern Nomenclature Committee calling for an order for the creation, extension and abolishment of certain pools in Lea Chaves, Roosevelt and Eddy Counties, New Mexico.

(a) Create a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production and designated as the Siete-San Andres Pool. The discovery well is the H. L. Brown, Jr. Federal "M" Well No. 1 located in Unit P of Section 17, Township 8 South, Range 31 East, NMPM. Said pool should comprise the following-described area:

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM
Section 17: SE/4

(b) Create a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Vacuum Morrow Gas Pool. The discovery well is Phillips Petroleum Company,Lea No. 23 located in Unit P of Section 30, Township 17 South, Range 34 East, NMPM. Said pool should comprise the following-described area:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 30: E/2

(c) Create a new pool in Lea County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Wilson-Wolfcamp Gas Pool. The discovery well is Phillips Petroleum Company, Wilcox "C" No. 1 located in Unit O of Section 5, Township 21 South, Range 35 East, NMPM. Said pool should comprise the following-described area:

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
Section 5: Lots 9, 10, 15 and 16

(d) Extend the Middle Allison-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
Section 33: SW/4
ADDITION----------SECTION 31: S/2

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
Section 1: SE/4

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 4: SE/4
Section 6: All

ADDITIONS---------SECTION 7: NE/4
SECTION 8: W/2
SECTION 9: NW/4

ADDITION----------TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
SECTION 36: SE/4

(e) Extend the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 7: SE/4
Section 30: NW/4
Section 32: SE/4

(f) Extend the Cerca-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 34 EAST, NMPM
Section 33: SE/4

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

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 10: SW/4

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

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 20: NE/4

(i) Abolish the East Inbe-Pennsylvanian Pool in Lea County, New Mexico, described as:

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM
Section 30: SW/4

(j) Extend the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
Section 22: NW/4
ADDITION----------SECTION 12: E/2
TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 25: E/2
Section 36: E/2

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM
Section 9: W/2
Section 16: NW/4
Section 19: E/2
Section 30: E/2

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

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 25: W/2
Section 36: SE/4

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
Section 4: Lots 1, 2, and 3, E/2 SW/4, and SE/4

(l) Extend the vertical limits of South Hope Strawn gas pool to include all of the Pennsylvanian formation and redesignate said pool as the South Hope-Pennsylvanian Pool; extend the horizontal limits of said South Hope-Pennsylvanian gas pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 23 EAST, NMPM
Section 19: All

U.S.N.M.C.F. MICROGRAPHICS
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TOWNSHIP 9 [illegible], RANGE 35 EAST, NMPM
Section 1: SE/4

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 4: SE/4
Section 6: All

(e) Extend the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 7: SE/4
Section 30: NW/4
Section 32: SE/4

in Sections 8 and 9, Township 25 South, Range 30 East, Corral Canyon-Delaware Pool, Eddy County, New Mexico. Applicant seeks authority to continue to dispose of produced salt water in three unlined surface pits located in the NW/4 NW/4 and the SE/4 SE/4 of said Section 8, and the SW/4 SW/4 of said Section 9.

CASE 4027: Application of MacDonald Oil Corporation for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico after January 1, 1969. Said exception would be for the applicant's Sinclair Parke Well No. 1 located in Unit F of Section 22, Township 17 South, Range 30 East, Jackson Abo Pool, Eddy County, New Mexico. Applicant seeks authority to continue to dispose of produced salt water in an unlined surface pit located in the aforesaid Unit F.

CASE 4028: Southeastern nomenclature case calling for an order for the creation, extension and abolishment of certain pools in Lea Chaves, Roosevelt and Eddy Counties, New Mexico.

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM
Section 17: SE/4

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM
Section 4: Lots 1, 2, and 3, E/2 SW/4, and SE/4

(1) Extend the vertical limits of South Hope Strawn gas pool to include all of the Pennsylvanian formation and redesignate said pool as the South Hope-Pennsylvanian Pool; extend the horizontal limits of said South Hope-Pennsylvanian gas pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 23 EAST, NMPM
Section 19: All

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

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 10: SW/4

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

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 20: NE/4

(i) Abolish the East Tabe-Pennsylvanian Pool in Lea County, New Mexico, described as:

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