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May 20, 1996

HAND-DELIVERED

William J. LeMay, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
2040 South Pacheco Street
Santa Fe, New Mexico 87505

RECEIVED

MAY 20 1996

Oil Conservation Division

Re: *Application of Mewbourne Oil Company for Administrative Approval of an
Unorthodox Well Location, Eddy County, New Mexico*

Dear Mr. LeMay:

Mewbourne Oil Company hereby seeks administrative approval pursuant to the provisions of Division Rule 104 F (2) adopted on January 18, 1996, of an unorthodox well location for a well to be drilled at a location 1650 feet from the North line and 990 feet from the West line of Section 4, Township 18 South, Range 28 East, N.M.P.M., Eddy County, New Mexico.

This unorthodox location in the Morrow formation is necessary for geological reasons. As shown on the Isopach Maps of the Lower Morrow Orange and Brown Sands, attached hereto as Exhibits A and B, the location in each of these Morrow Sands is necessary to maximize the porosity thickness penetrated by the well. The well will encounter ten (10) feet more porosity of 7% or greater than a well drilled at a standard location in the Orange Sand and twenty (20) feet more porosity of 7% or greater than a well drilled at a standard location in the Brown Sand.

William J. LeMay, Director
Oil Conservation Division
New Mexico Department of Energy,
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This unorthodox location encroaches on Section 5, Township 18 South, Range 28 East. On this date, a copy of this application, including the plats attached thereto, have been sent by certified mail to the following affected parties:

Phillips Petroleum Company (N/2 of Section 5-18S-28E)
4001 Penbrook
Odessa, TX 79762
Attn: James S. Welin

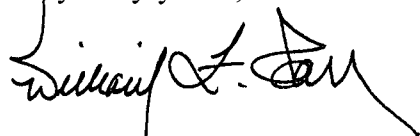
Marathon Oil Company (S/2 of Section 5-18S-28E, Lessee of Record)
Post Office Box 552
Midland, TX 79702
Attn: Randal Wilson

Tom L. Ingram (S/2 of Sec. 5-18S-28E, Lessee of Record)
Post Office Box 1757
Roswell, NM 88202-1757

Each of these affected parties has been advised that if they have an objection to this application it must be filed in writing with the Division within twenty days from this date.

Your attention to this application is appreciated.

Very truly yours,

A handwritten signature in black ink, appearing to read "William F. Carr", written over a horizontal line.

WILLIAM F. CARR
Attorney for Mewbourne Oil Company

Enclosures

William J. LeMay, Director
Oil Conservation Division
New Mexico Department of Energy,
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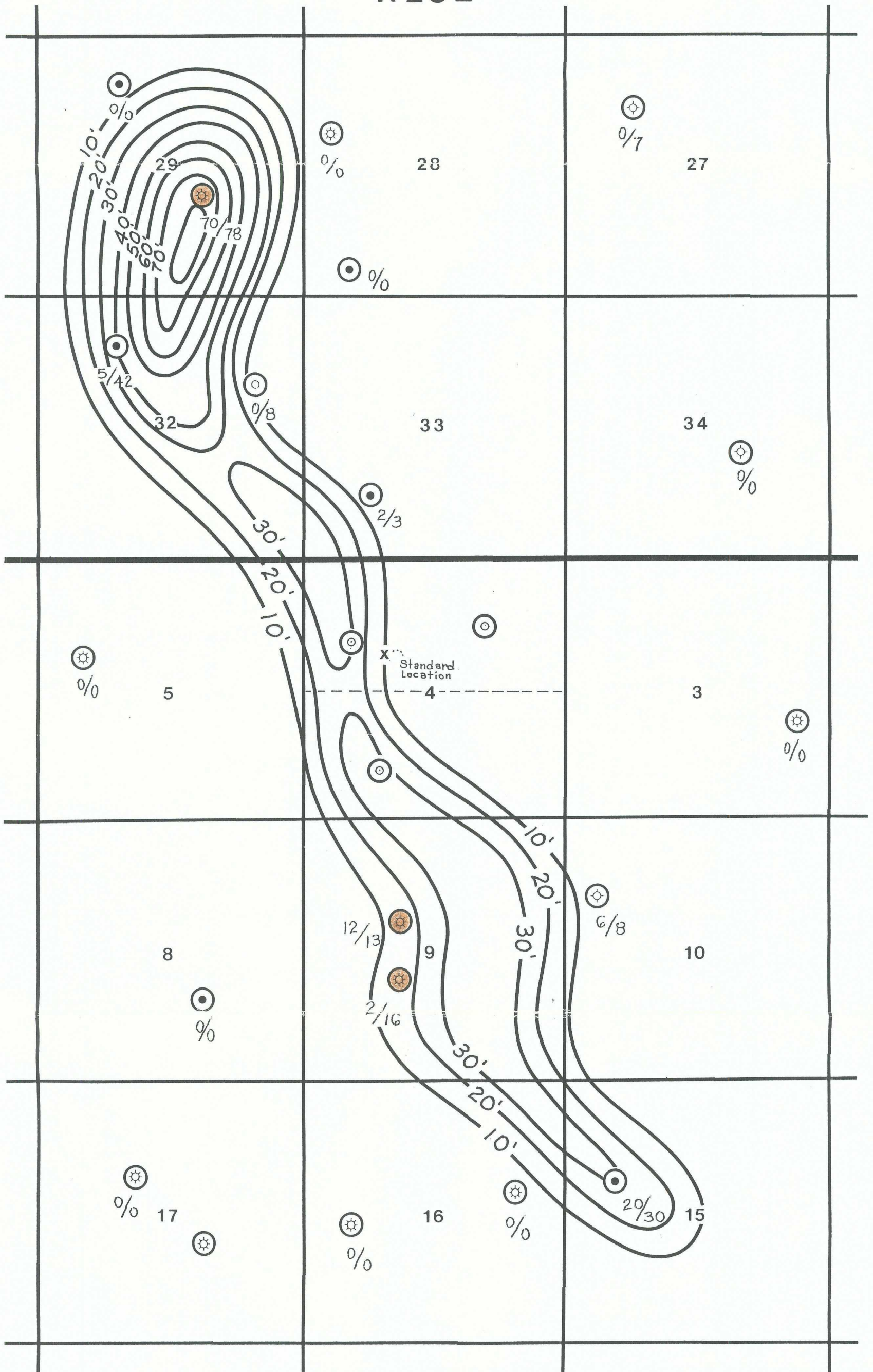
cc: Mr. Tim Gum, District Supervisor
Oil Conservation Division District II
811 First Street
Post Office Drawer DD
Artesia, New Mexico 88210

Mr. Steve Cobb
Mewbourne Oil Company
500 West Texas, Suite 1020
Midland, Texas 79701

R 28 E

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T 18 S



MORROW PENETRATION



MEWBOURNE OIL COMPANY

MIDLAND, TEXAS DISTRICT

SCOGGIN DRAW PROSPECT

EDDY COUNTY, NEW MEXICO

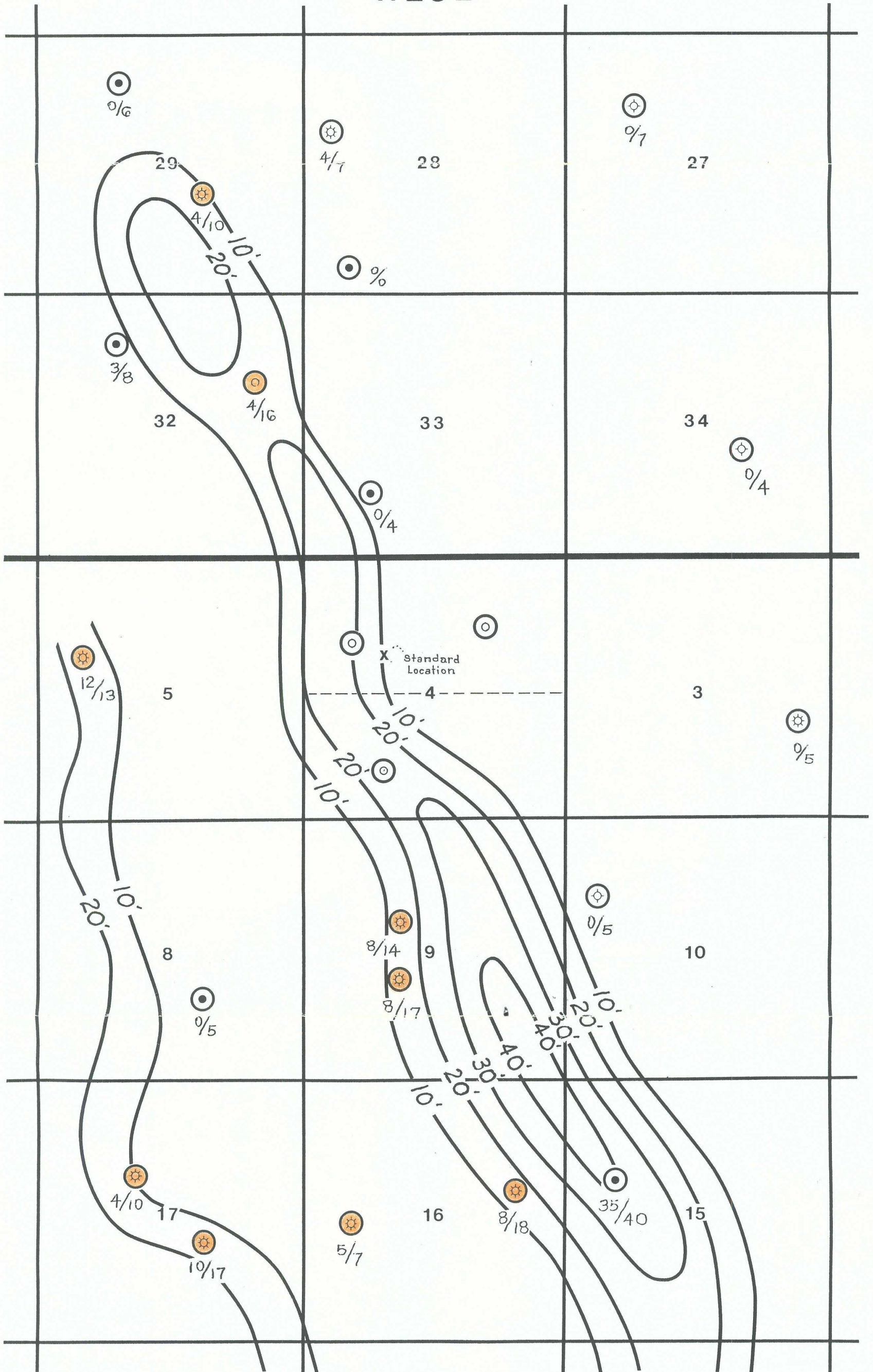
LOWER MORROW BROWN SAND

GROSS SAND ISOPACH

R 28 E

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 MORROW PENETRATION



MEWBOURNE OIL COMPANY
MIDLAND, TEXAS DISTRICT

SCOGGIN DRAW PROSPECT
EDDY COUNTY, NEW MEXICO
LOWER MORROW ORANGE SAND