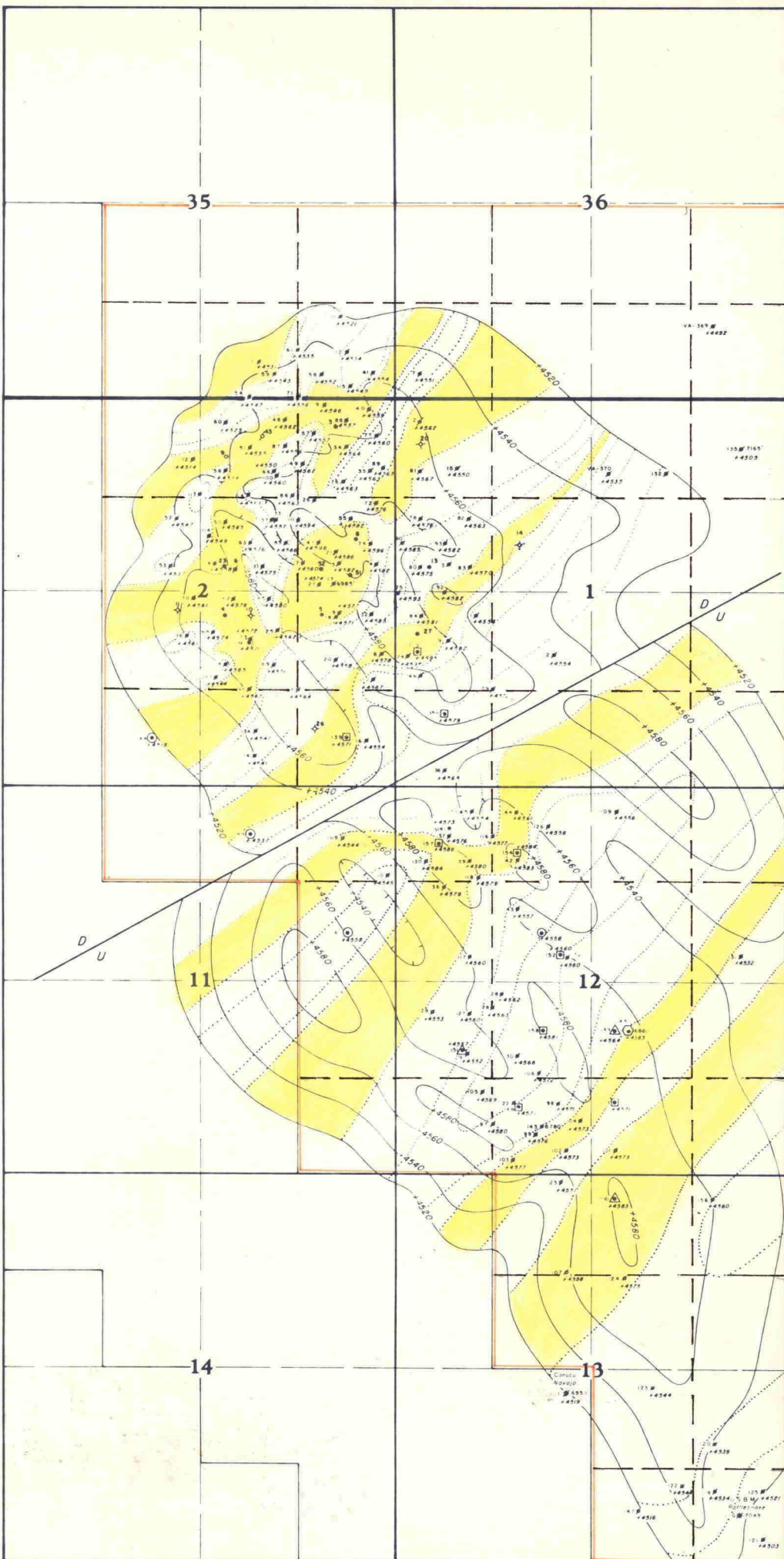


R 19 W

T
30
N



T
29
N

RATTLESNAKE FIELD
SAN JUAN CO., NEW MEXICO

MAP NO. 1

STRUCTURE MAP
UPPER BENCH OF DAKOTA SS.

CONTOUR INTERVAL 20 FT

R. E. LAUTH, GEOLOGIST DURANGO, COLORADO

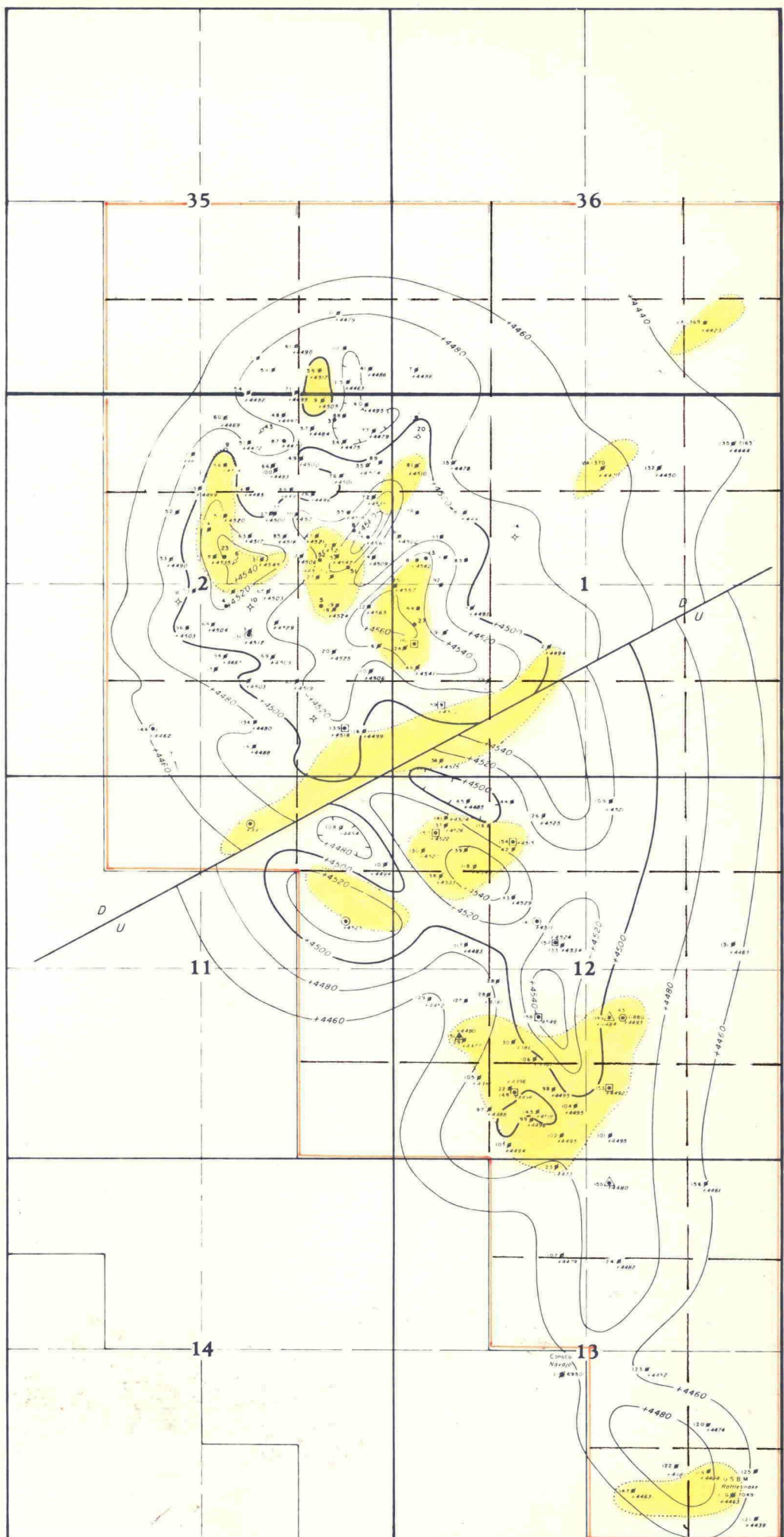
— LEGEND —

- △ WATER INJECTION WELL, DAKOTA SS - (CONTINENTAL OIL CO.) (acquired by Eastern Petr. Co. presently abandoned)
- INJECTION WELL, PENNSYLVANIAN - CONTINENTAL OIL CO.
- ⊙ PRODUCING OIL WELL, PENNSYLVANIAN - CONTINENTAL OIL CO.
- PRODUCING OIL WELL, DAKOTA SS - EASTERN PETROLEUM CO.
- PRODUCING OIL WELL, DAKOTA SS - (CONTINENTAL OIL CO.) (acquired by Eastern Petr. Co. presently abandoned)

- MAIN DISTRIBUTARY CHANNEL (CLEAN CLASTICS)
OVER 50% CLEAN SANDSTONE - GENERAL CLASSIFICATION - GOOD TO EXC.
- OUTLINES & GRADES INTO MAIN DISTRIBUTARY CHANNEL
25 TO 50% CLEAN SANDSTONE - GENERAL CLASSIFICATION - FAIR
- INTERDISTRIBUTARY - FINE CLASTIC (MUD FLAT)
UNDER 25% CLEAN SANDSTONE - CLAY FILLED, LITTLE TO NIL PERMEABILITY

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1
CASE NO. 4112

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1
CASE NO. 4112

T
30
N

T
29
N

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION

STRUCTURE MAP

CONTOUR INTERVAL 20 FT.

R. E. LAUTH, GEOLOGIST DURANGO, COLORADO

- LEGEND -

- LEGEND
- △ WATER INJECTION WELL, DAKOTA SS - (CONTINENTAL OIL CO) acquired by Eastern Petr. Co.
presently abandoned
- INJECTION WELL, PENNSYLVANIAN - CONTINENTAL OIL CO
- PRODUCING OIL WELL, PENNSYLVANIAN - CONTINENTAL OIL CO
- PRODUCING OIL WELL, DAKOTA SS - EASTERN PETROLEUM CO
- PRODUCING OIL WELL, DAKOTA SS - (CONTINENTAL OIL CO) acquired by Eastern Petr. Co.
presently abandoned

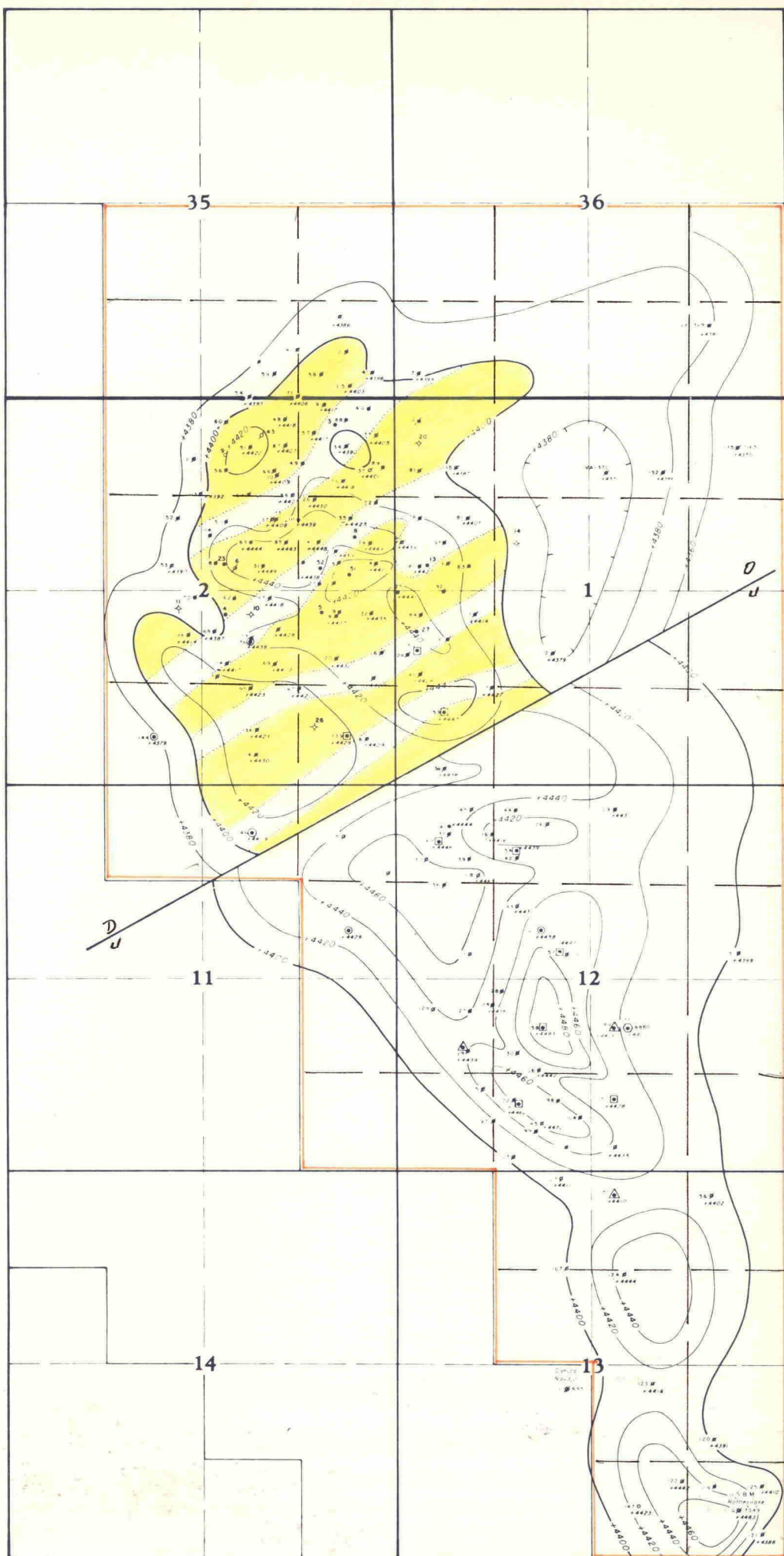
CASE NO. 4117

CASE NO. 4117

 AREA OF OIL PRODUCTION OR INDICATED OIL SHOWS

R 19 W

T
30
N



T
29
N

RATTLESNAKE FIELD SAN JUAN CO., NEW MEXICO

MAP NO. 3

STRUCTURE MAP

LOWER BENCH OF DAKOTA SS.

CONTOUR INTERVAL 20 FEET

R E LAUTH, GEOLOGIST DURANGO, COLORADO

- LEGEND -

- △ WATER INJECTION WELL, DAKOTA SS - (CONTINENTAL OIL CO.) acquired by Eastern Petr. Co. presently abandoned
- ⊙ INJECTION WELL, PENNSYLVANIAN - CONTINENTAL OIL CO.
- ⊙ PRODUCING OIL WELL, PENNSYLVANIAN - CONTINENTAL OIL CO.
- ⊙ PRODUCING OIL WELL, DAKOTA SS - EASTERN PETROLEUM CO.
- ⊙ PRODUCING OIL WELL, DAKOTA SS - (CONTINENTAL OIL CO.) acquired by Eastern Petr. Co. presently abandoned

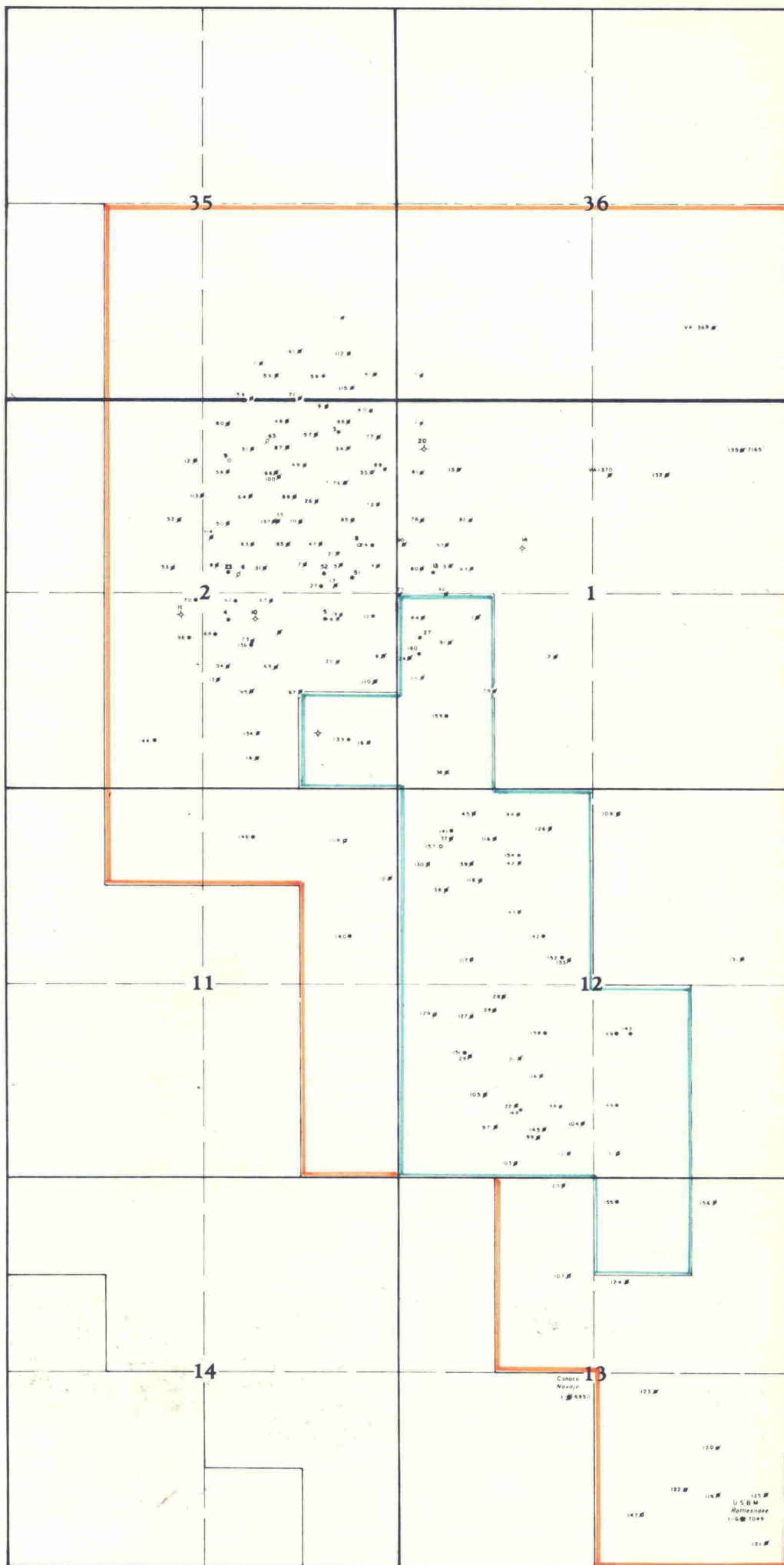
- MAIN DISTRIBUTARY CHANNEL (CLEAN CLASTICS)
- INTERDISTRIBUTARY - FINE CLASTICS (MUD FLATS)

NOTE INDICATED OIL-WATER CONTACT ORIGINALLY AT +4400' WITH POSSIBLE SLIGHT TILT TO NORTHEAST.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 4117

R 19 W

T
30
N



T
29
N

RATTLESNAKE FIELD
SAN JUAN CO., NEW MEXICO

MAP NO. 5

LEASE INFORMATION

- EASTERN PETROLEUM COMPANY "AREA A"
- EASTERN PETROLEUM COMPANY "AREA B"
- EASTERN PETROLEUM COMPANY "AREA C"

NOTE: The above pertains to rights down to the Morrison fm.

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION

EXHIBIT NO. 4
CASE NO. 4117