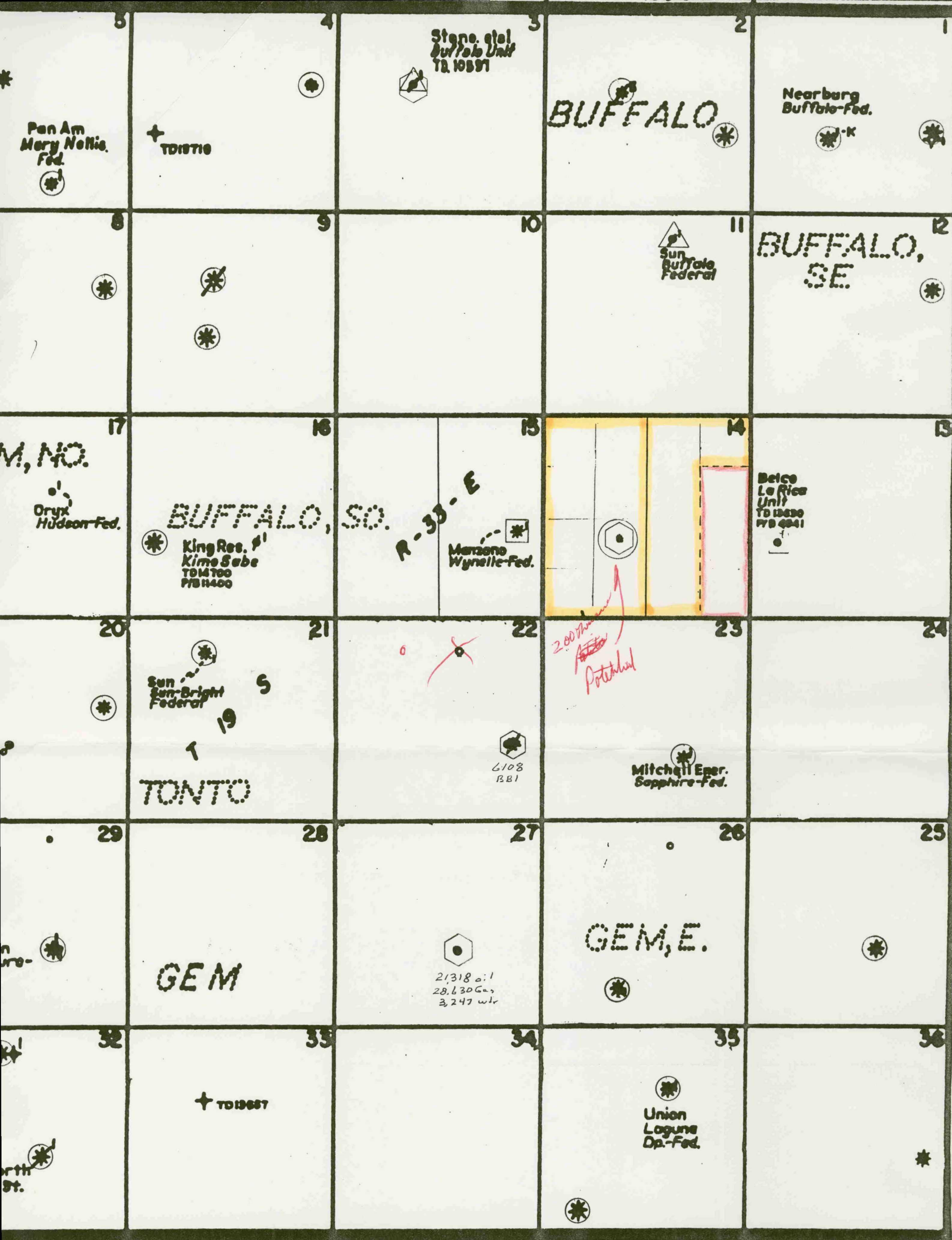




MANZANO OIL CORP.

PRODUCING HORIZONS

7-Rivers
Bne Spring

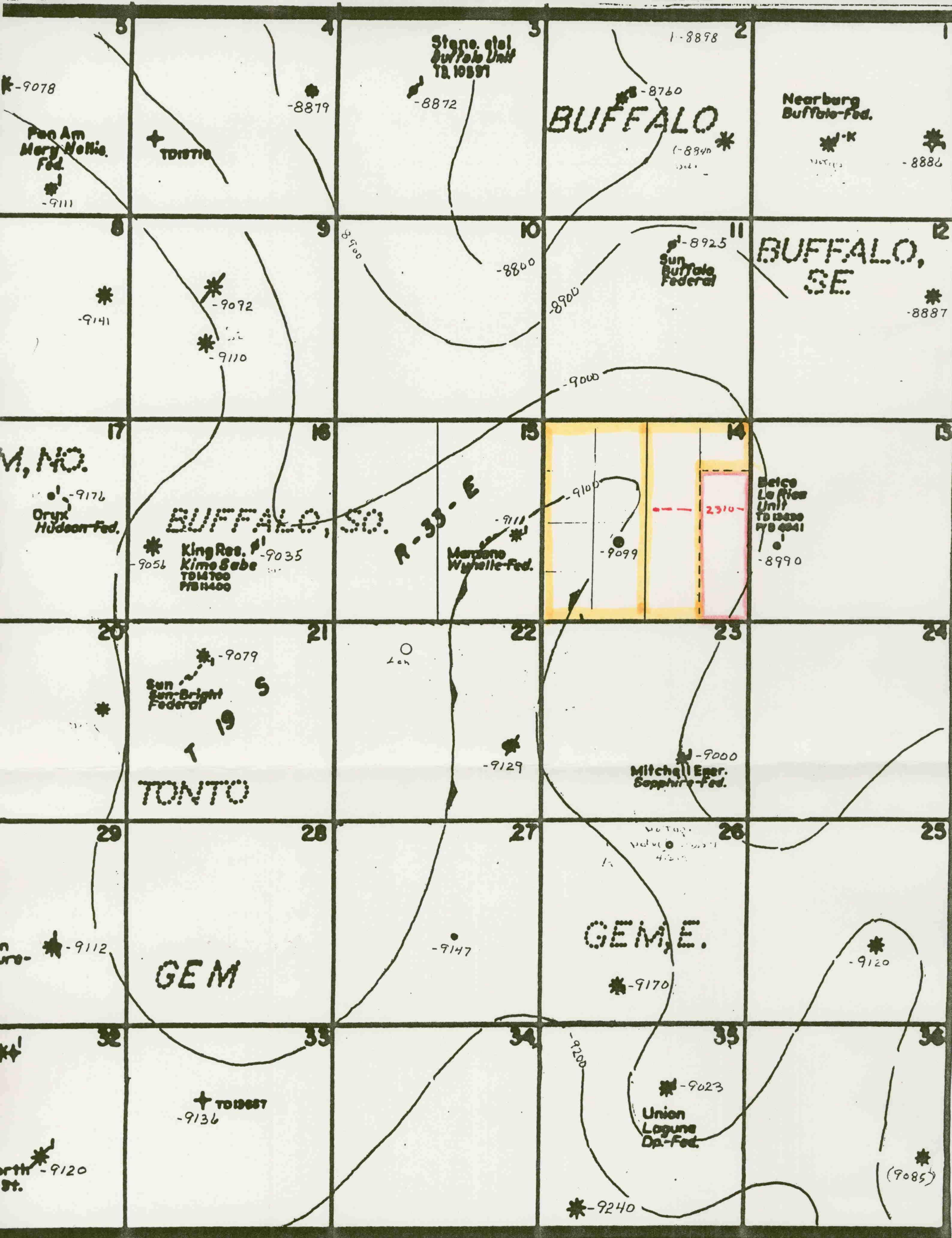
Morrow

BEFORE EXAMINER STOGNER
Oil Conservation Division

MANZANO Exhibit No. 12

WolfCamp No. 9973

Atoka



MANZANO OIL CORP.

CONTOURED ON TOP OF MORROW LIME

CONTOUR INTERVAL 100 FEET

BEFORE EXAMINER STOGNER

Oil Conservation Division

MANZANO Exhibit No. 13

Case No. 9973