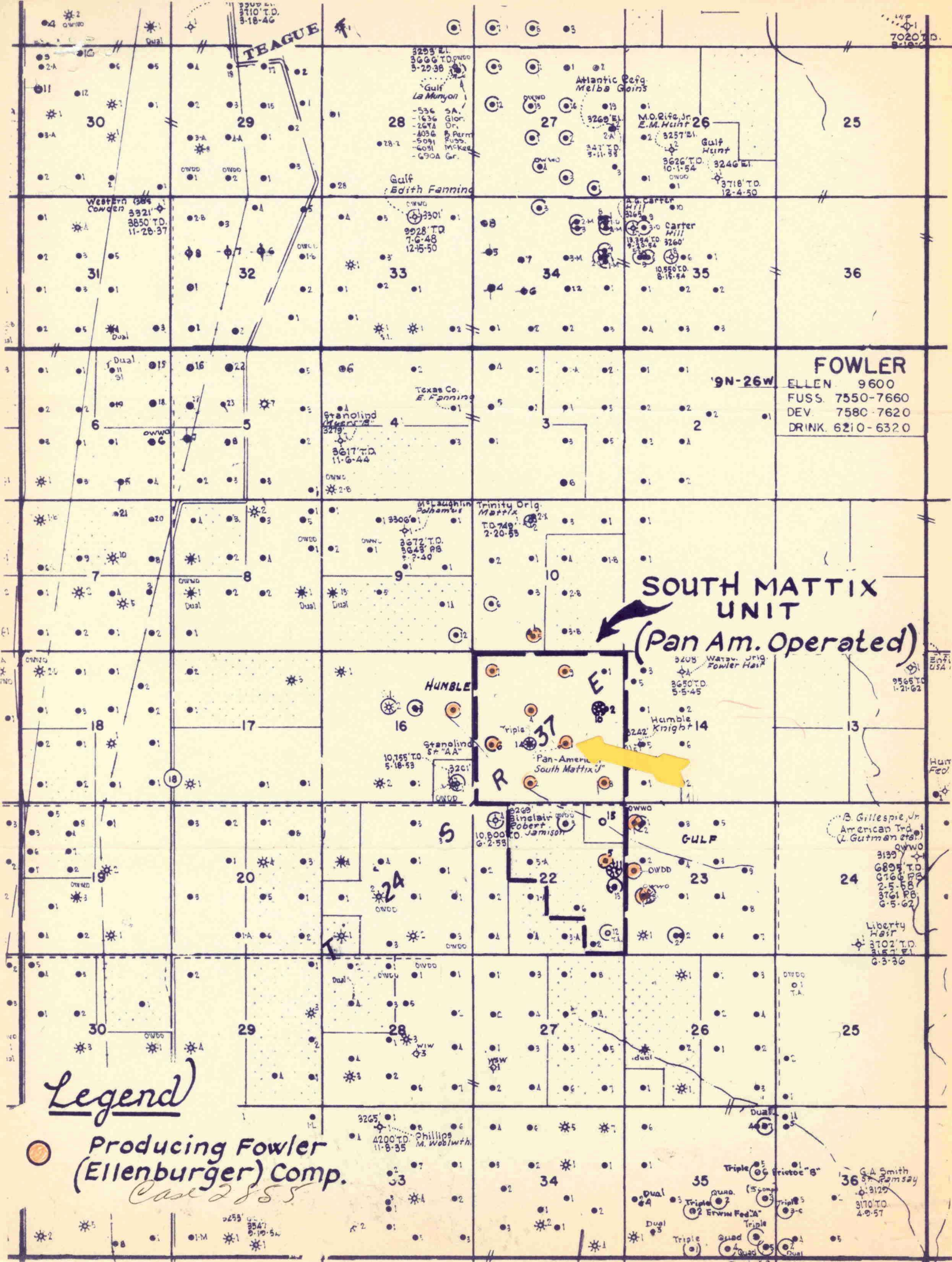
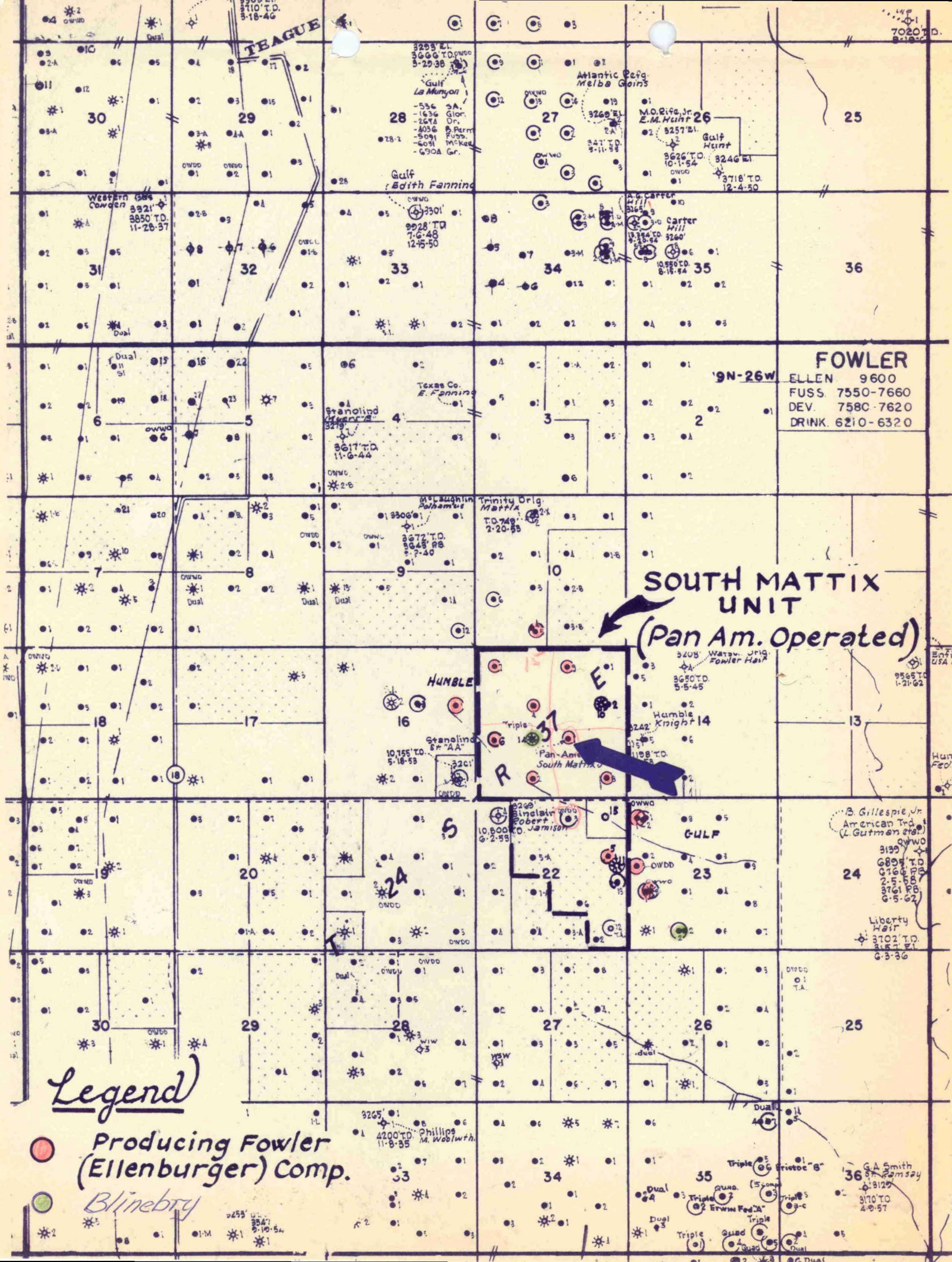






CASE #2855
JULY 10, 1963

ENTIRE SAN ANDRES
is considered
water productive
AT THIS LOCATION.

2-3/8" OD (1.995" ID)
KUE Tubing @ 5508'

2-3/8" OD (1.995" ID)
KUE Tubing @ 9476'

13-3/8" CSA 284' w/ 275 sx
cement. Cement circulated

284'
Anhydrite, Red Beds,
AND Salt. NO WATER
OR hydrocarbon
1375' productive zones.

TOP SAN ANDRES 3780'

9-5/8" CSA 3803' w/ 2000 sx
cement. Top cement @ 1375'

3803'
TOP OF SAN ANDRES @
3780'. DRILL STEM TEST

4350' FROM 3787' - 3805' Recovered
SALT WATER.

Proposed Blinbry Perfs.
5363' - 5653'

Otis type WA Packer set at
6200'.

7" CSA 9486' w/ 1150 sx cement
Top cement @ 4350'

Ellenburger completed in open
hole. TD 9705'.

Pan American Petroleum Corp.

Diagramatic Sketch - Pan American Petroleum Corporation South Mattix Unit No. 1,
Proposed Dual Completion, Fowler Ellenburger (Oil) And Fowler Blinbry (Oil) Pools,
Lea County, New Mexico

J-15-24-37

MAIN OFFICE OCC

Dual Tubing Head

DEC 5 AM 8:23

Ground Level

13-3/8" Surface Casing set at 284'.
Cement circulated.

9-5/8" Intermediate Casing set at 3803' and
cemented with 2000 sx.

2-3/8" OD Tubing (ID 1.995") set at 5653'
with seating nipple on bottom.

Otis Type WA Production Packer set at 6198'.

Seating nipple set at 8012'.

2-3/8" OD Tubing (ID 1.995") set at 9395'.

7" Oil String Casing set at 9484' and cemented
with 1050 sx.

UPPER ZONE:
Blinebry (Oil)
Perforations:
5413-5653

LOWER ZONE:
Ellenburger
(Oil)
Open Hole:
9484-9705

TD 9705'

PAN AMERICAN PETROLEUM CORPORATION

DIAGRAMMATIC SKETCH - DUAL COMPLETION INSTALLATION

SOUTH MATTIX UNIT NO. 1 (J-15-24-37) LEA CO., N.M.

LANE RADIOACTIVITY LOG WELLS

COMPANY

Location of Well

COMPANY: STANOLIND OIL & GAS CO.

WELL: SOUTH MATTHEX UNIT FILE:

NO. 1

FIELD: IEA CO. W/C

COUNTY: IEA STATE: N.M.

LOCATION: 1980' F.S.E./I OF

SEC. 15-24S-37E

3240' G.I.

LOCATION

COUNTY: IEA STATE: N.M.

FIELD: IEA CO. W/C

UNIT NO. 1

WELL: SOUTH MATTHEX FILE:

COMPANY: STANOLIND OIL & GAS CO.

LOG MEASURED FROM TOP OF ROTARY ELEVATION *

DRILLING MEASURED FROM T.O. OF ROTARY ELEVATION *

TOP OF ROTARY IS 17' ABOVE

PERMANENT DATUM 2 5/8" BLADEN H. ELEVATION *

RUN NUMBER

TYPE OF LOG

1
GAMMA RAY
4-11-49
9570'

1
NEUTRON
4-11-49
9570'

COMPANY DEPTH STRAIN

MAXIMUM DEPTH REACHED

WELL FLUID

FLUID LEVEL

MAXIMUM TEMPERATURE

O.D. OF INSTRUMENT—INCHES

SENSITIVITY REFERENCE

3 5/8
274

3 5/8
275

9# MUD
FULL

9# MUD
FULL