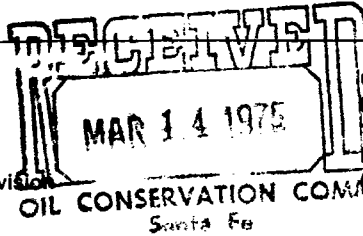


CONOCO

L. P. Thompson
Division Manager
Production Department
Hobbs Division
Western Hemisphere Petroleum Division



Continental Oil Company
P.O. Box 460
1001 North Turner
Hobbs, New Mexico 88240
(505) 393-4141

423
w.l.

March 10, 1975

New Mexico Oil Conservation Commission(3)
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention Mr. A. L. Porter Jr., - Secretary-Director

Gentlemen:

Application for Authority to Expand MCA Unit Waterflood Project by
Conversion to Water Injection MCA Unit No. 99-P-19-17-32, Lea County,
New Mexico

Continental Oil Company respectfully requests authority under Order R-2403-A to expand its MCA Unit Waterflood project in the Maljamar (Grayburg San Andres) Pool by converting to water injection its MCA Well No. 99, located 25' FSL and 25' FEL of Section 19, T-17S, R-32E, Lea County, New Mexico.

The purpose of converting said well to injection is to improve waterflood injection pattern in the 9th and 9th Massive Zones in this area. Injection profiles run on wells in this area indicate that additional injectivity is needed in these zones. The attached log shows a portion of the interval into which water will be injected.

The preliminary stages of this project calls for running a casing inspection log. If the casing is found to be competent, it is our plan to run and cement 400' of liner in the interval 3500' to 3900'. If the production casing is not found to be competent, it is proposed to install full length production string from 3900' to surface. In either event, the well will be deepened to a total depth of 4010' and water will be injected in the open hole interval 3900' to 4010'. The attached schematic diagram shows the manner in which the well will be completed, assuming that a liner is run. If a full length string of casing is run, it will be cemented with 200 sacks of Class "C" cement.

The location of this well is shown on the attached plat. Since the well is approximately one mile from the nearest offset operator, it is respectfully requested that this application for waterflood expansion be approved immediately.

Yours very truly,

A handwritten signature in cursive script, appearing to read "L. P. Thompson".

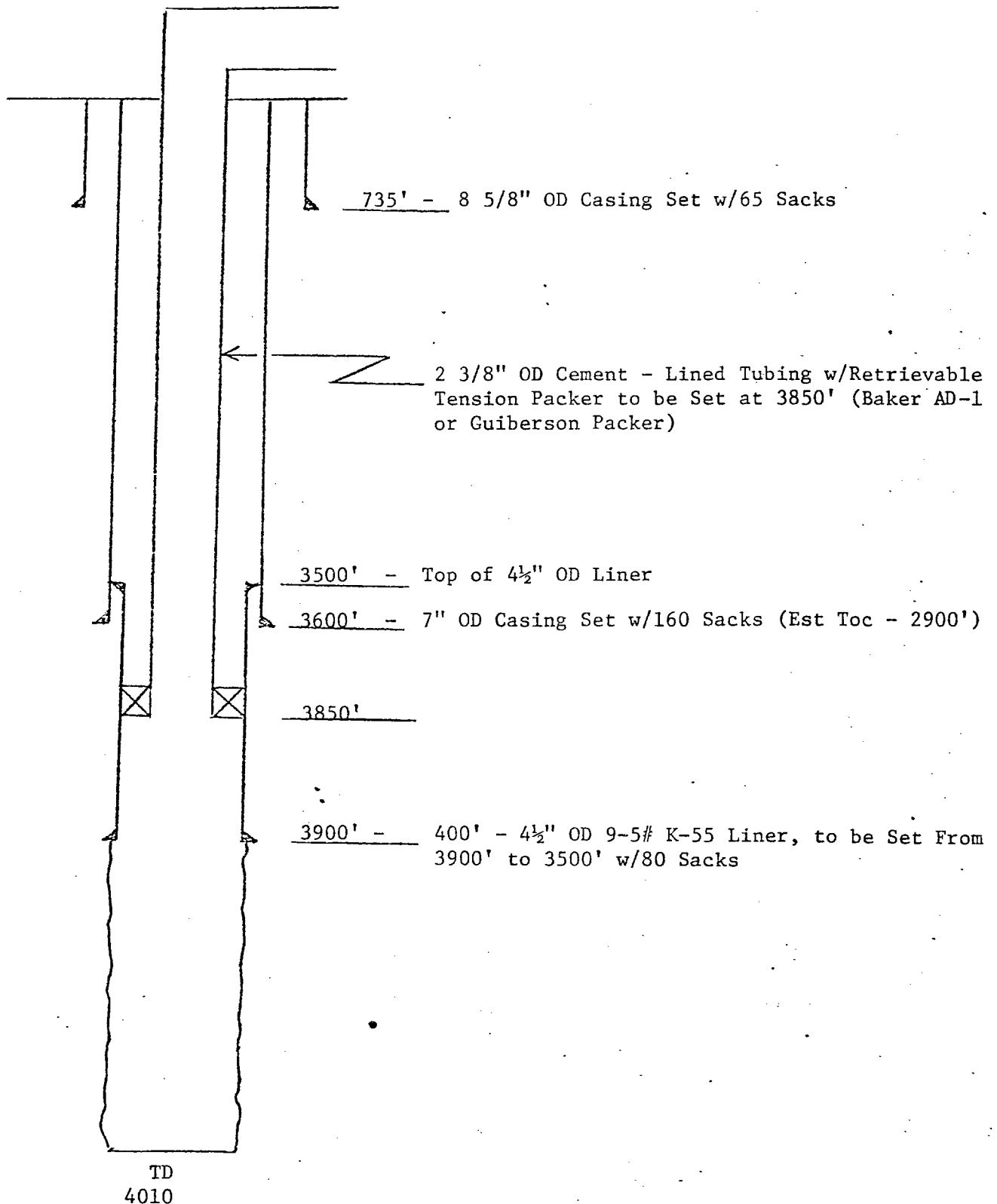
VTL:reh
Enc
CC:
U.S.G.S. - Hobbs

JCC: FOH: JWK

423

MCA UNIT NO. 99

Unit P - 25'FSL&25'FEL Sec 19 - T17S - R32E
Lea County, N.M.





Grammartron

well

226

PIPING NO.

16971-H

COMPANY CONTINENTAL OIL COMPANY

WELL MCA UNIT #99

FIELD MALJAMAR

COUNTY LEA

STATE NEW MEXICO

LOCATION: 25' FSL 25' FEL

OTHER SERVICES:

SEC. 49 TWP. 17-S RGE. 32-E

GROUND LEVEL

ELEV. K.B.

OG MEASURED FROM 8 FT. ABOVE PERM. DATUM

DF. 3936

RILLING MEASURED FROM RDB

GL

DATE 11-25-69

11-25-69

11-25-69

UN. NO. ONE (OWWO)

ONE (OWWO)

TWO

TYPE LOG GAMMA RAY

NEUTRON

CALIPER

EPH-DRILLER 3986

3986

3986

EPH-LOGGER 3974

3974

3974

OTOM LOGGED INTERVAL 3965

3972.5

3972.5

OP LOGGED INTERVAL 3000

3000

3550

TYPE FLUID IN HOLE

SALINITY, PPM CL.

DENSITY

LEVEL

MAX. REC. TEMP., DEG. F.

OPERATING RIG TIME

RECORDED BY

WITNESSED BY

CLABORN

RUN

BORE-HOLE RECORD

CASING RECORD

NO.

BIT

FROM

TO

SIZE

WGT.

FROM

TO

8 5/8 24

7" 20

SURFACE 735

SURFACE 3600

FOLD HERE

THIS HEADING AND LOG CONFORMS TO API RP 33

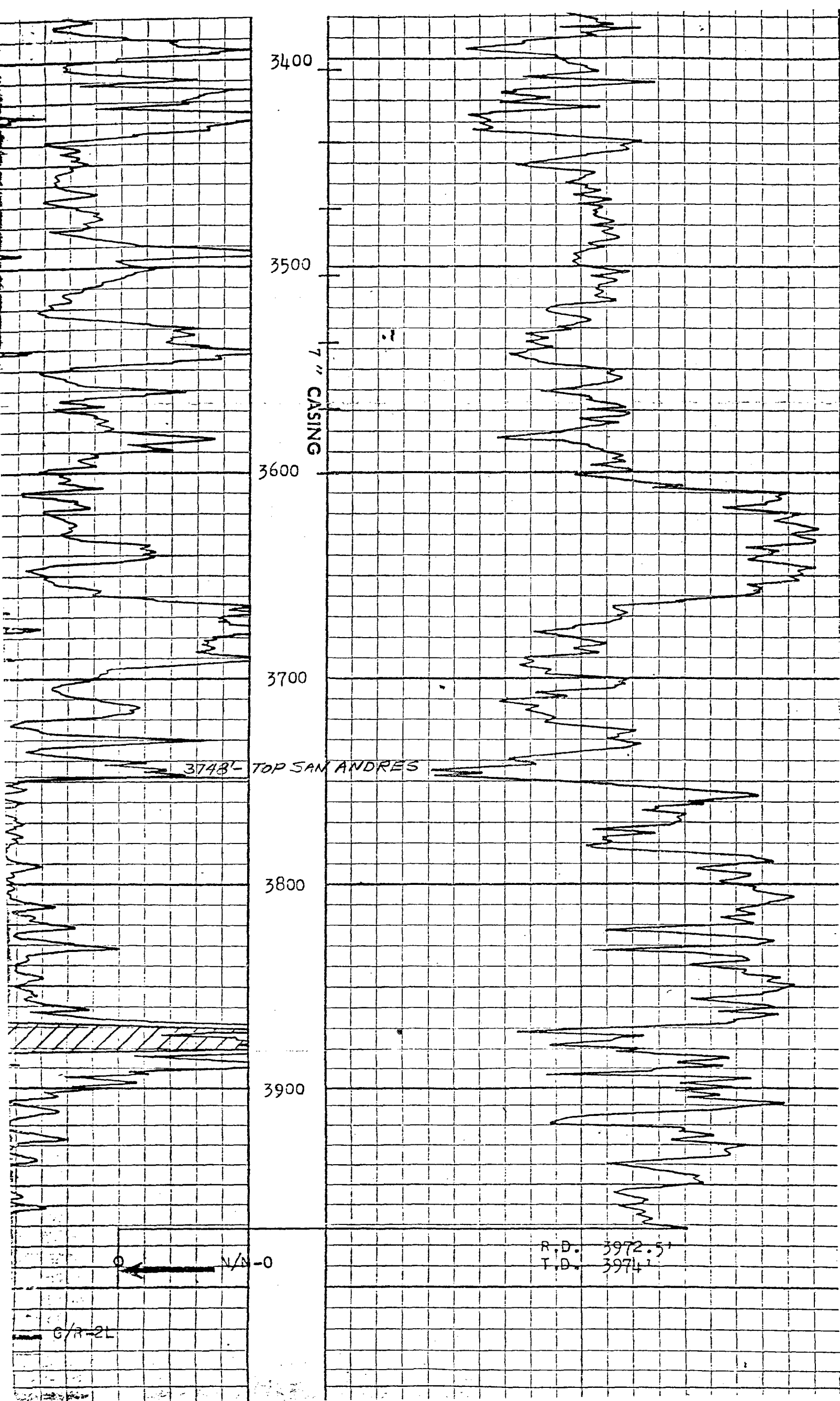
3300

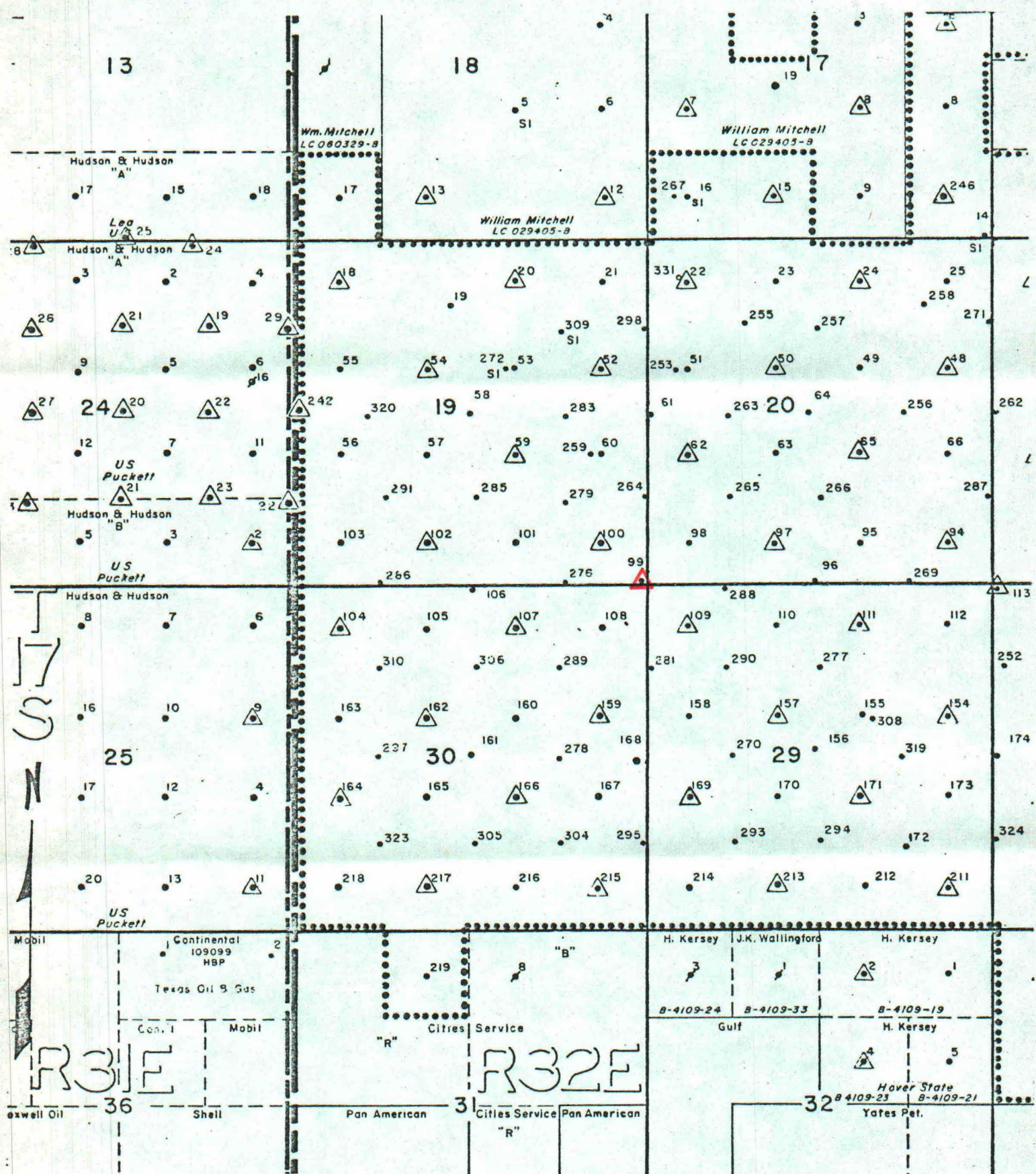
3400

3500

3600

7" CASING





conoco

PRODUCTION DEPARTMENT

HOBBS DIVISION

LEA COUNTY, NEW MEXICO

SCALE
0' 1000' 2000'