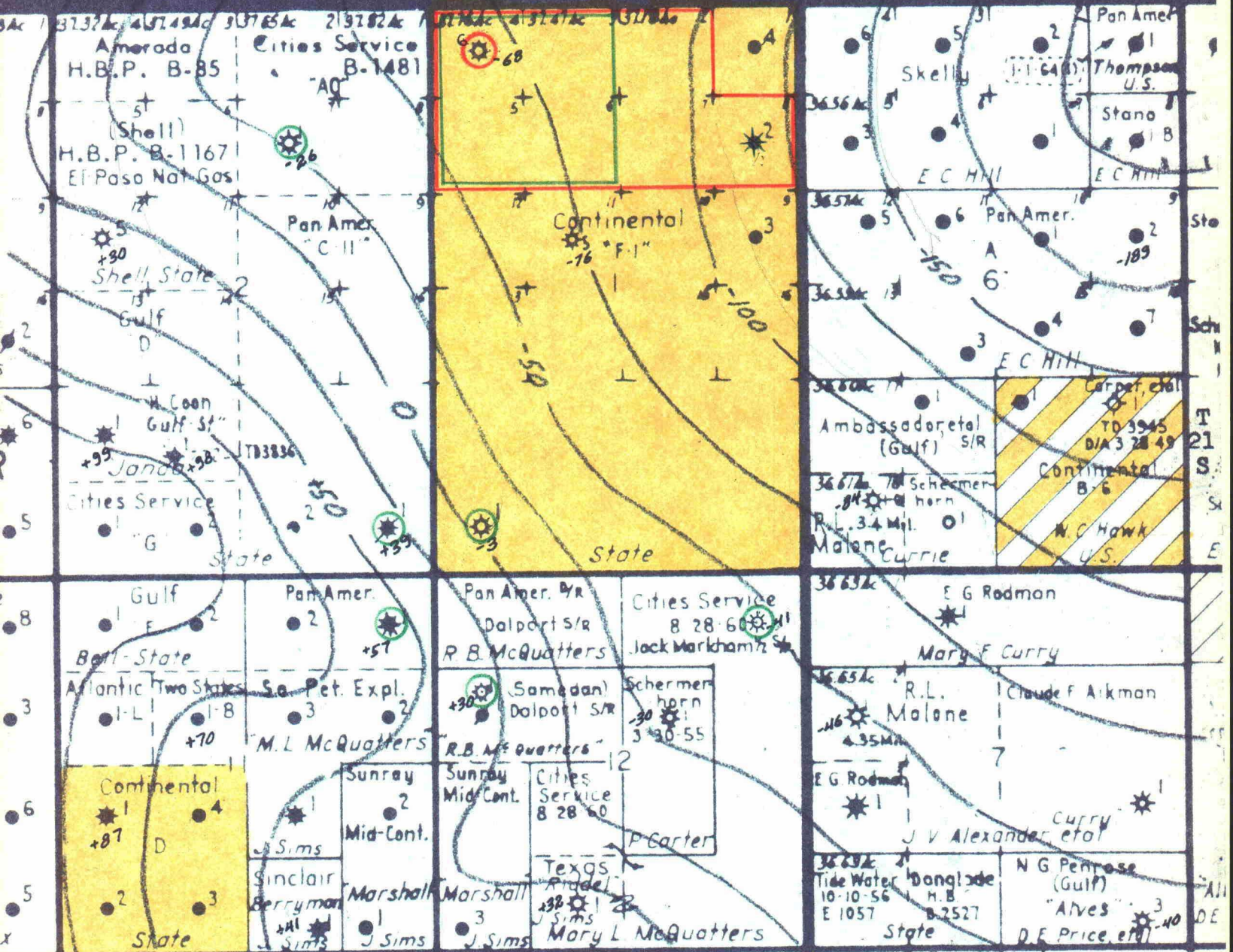
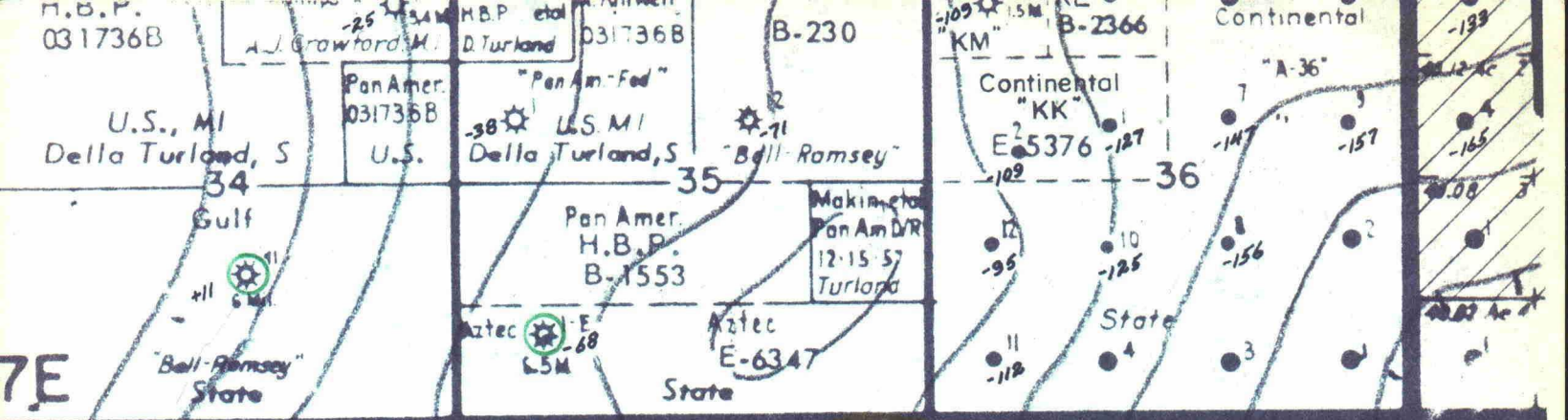


R 36 E R 37 E

**CONTINENTAL OIL COMPANY
 LOCATION AND OWNERSHIP PLAT
 STATE F-1 LEASE
 EUMONT POOL
 SCALE 1" = 2000'**

- Proposed Gas Proration Unit - —
- Proposed Unit Well - ○
- Presently Approved Gas Unit - —
- Offsetting Eumont Gas Well - ○

BEFORE EXAMINER NUTTER
 OIL CONSERVATION COMMISSION
Appl EXHIBIT NO.
 CASE NO. 2404



R 36 E

R 37 E

Proposed Gas Proration
Unit -

Proposed Unit Well - ○

Presently Approved Gas Unit -

CONTINENTAL OIL COMPANY
 CONTOUR PLAT - EUMONT POOL
 CONTOURED ON PENROSE MARKER
 CONTOUR INTERVAL 25'
 SCALE 1" 2000'

BEFORE EXAMINER NUTTER
 OIL CONSERVATION COMMISSION
 Appl EXHIBIT NO. 2
 CASE NO. 2404

El Paso Natural Gas Company
MINIMUM CONTRACT TEST

Form 15-30R (Rev. 3-59)

RECEIVED
 EUNICE DIST. OFFICE
 AUG 3 1961
 5-19/26-61

Company: **John M. Kelly** Lease: **RAM**
 Unit: **D 1 21 36** Lease: **Continental State No. 1 #6**
 Loc: **Lea** Sumont
 Type Well: **Single** Tubing: **X** Casing: **I** Tip of Day: **3500**
 Date of Previous Minimum Contract Test: **3-3/10-61** Date of Previous Back Pressure Test: **1.000**
 Meter Size: **60-456** Compressor: **13.2** Acre Factor: **1.00**

Flow Line Size	Orifice Size	Static Pressure Psig.	Diff. h _w	Temp. °F	TUBING Pressure Psig.	CASING Pressure Psig.	DURATION OF FLOW HOURS
4 x 1.250		268	33.64	71°	307	315	24

VOLUME CALCULATIONS

Coefficient (24 - Hour)	Fig.	Meter Extension h _{wp}	Pressure Psia.	Flow Temp. Factor F _t	Gravity Factor F _g	Compressor Factor F _{pv}	Rate of Flow Q-MCFPD 15.025 Psia.
9.643		97.26		.9896	.9407	1.027	896.7

SHUT-IN DATA

DURATION	TUBING	CASING
24 Hour	355	436
48 Hour	359	453
72 Hour	361	461

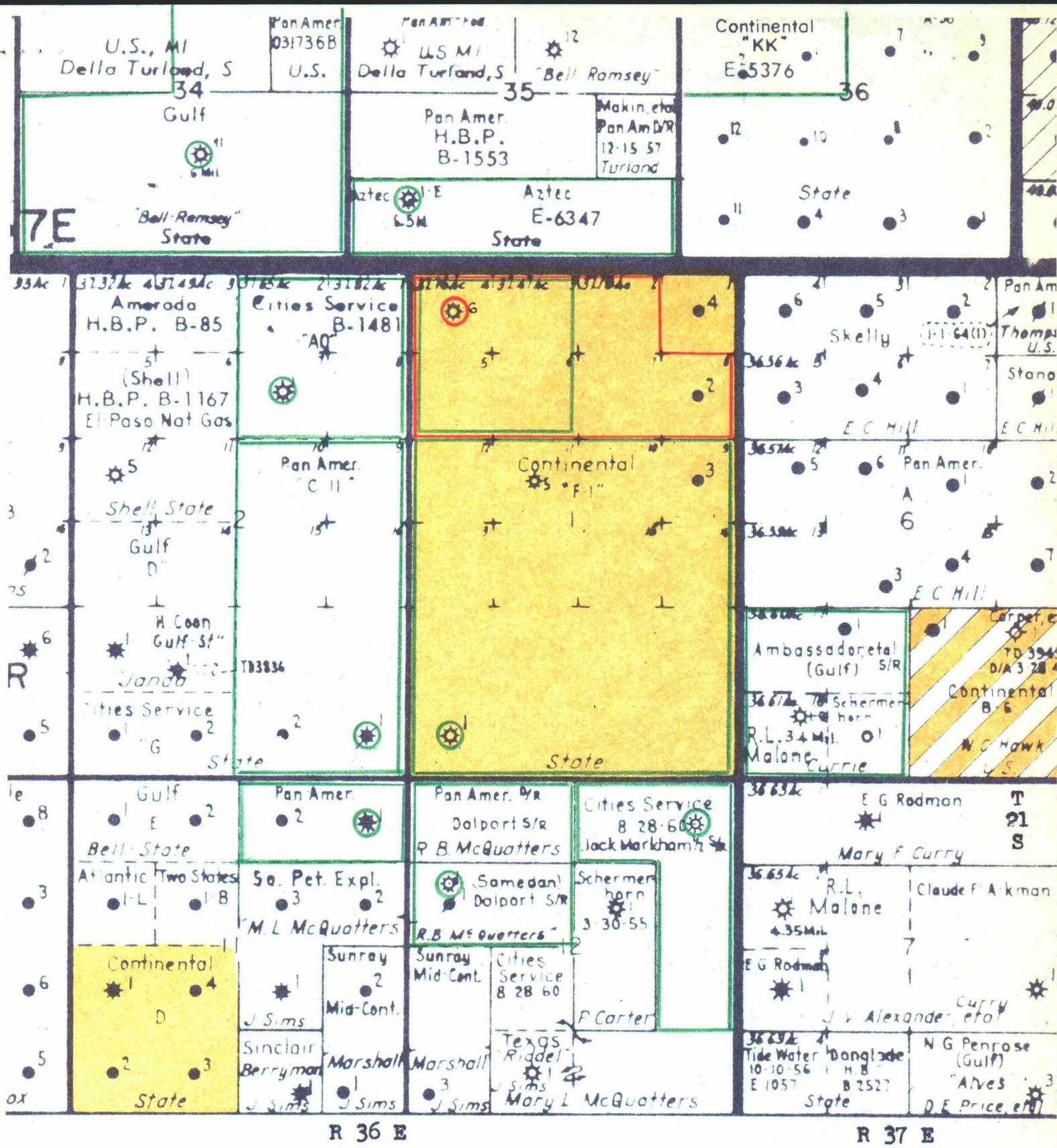
$P_c^2 - P_d^2 = N T$
 $P_c^2 - P_t^2 =$
 $P_d = 113.2 \text{ Psia.}$
 $P_d = 613.2 \text{ Psia.}$
 $P_d = 863.2 \text{ Psia.}$
 $P_c^2 = 224.9$
 $P_d^2 = 12.8$
 $P_t^2 = 102.5$
 $P_c^2 - P_d^2 =$
 $P_c^2 - P_t^2 = 1.733 = B$
 $P_c^2 - P_d^2 =$
 $P_c^2 - P_t^2 =$

- n_t = Slope of Wellhead Deliverability Curve ($P_c^2 - P_t^2$ vs. Q)
- Q = Actual flow at end of Flow Period at Wellhead Pressure, P_t .
- P_c = Maximum Shut-in Pressure (Observed in a 72 Hour Period)
- P_t = Flowing Wellhead Pressure (tubing if flowing thru tubing and vice versa), Psia
- P_d = Deliverability Pressure
- D_t = Wellhead Deliverability = Deliverability Pressure (P_d), MCF Day

113.2 Psia Log B X 1.000 Antilog B^{n_t} 1.733
 Q 896.7 X 1.733 = D_t $1,554$
 613.2 Psia Log B X 1.000 = D_t
 863.2 Psia Log B X 1.000 = D_t

BUTTER
 Antilog B^{n_t} **EXHIBIT NO. 3**
2404
 CASE NO.

Witnessed By (Name): _____ Tested By: **Jack F. Littlefield**
 Company: _____ Calculated By: _____



**CONTINENTAL OIL COMPANY
LOCATION AND OWNERSHIP PLAT
STATE F-1 LEASE
EUMONT POOL
SCALE 1" = 2000'**

Proposed Gas Proration Unit - —

Proposed Unit Well - ○

Presently Approved Gas Unit - —

Offsetting Eumont Gas Well - ○

Case 2404