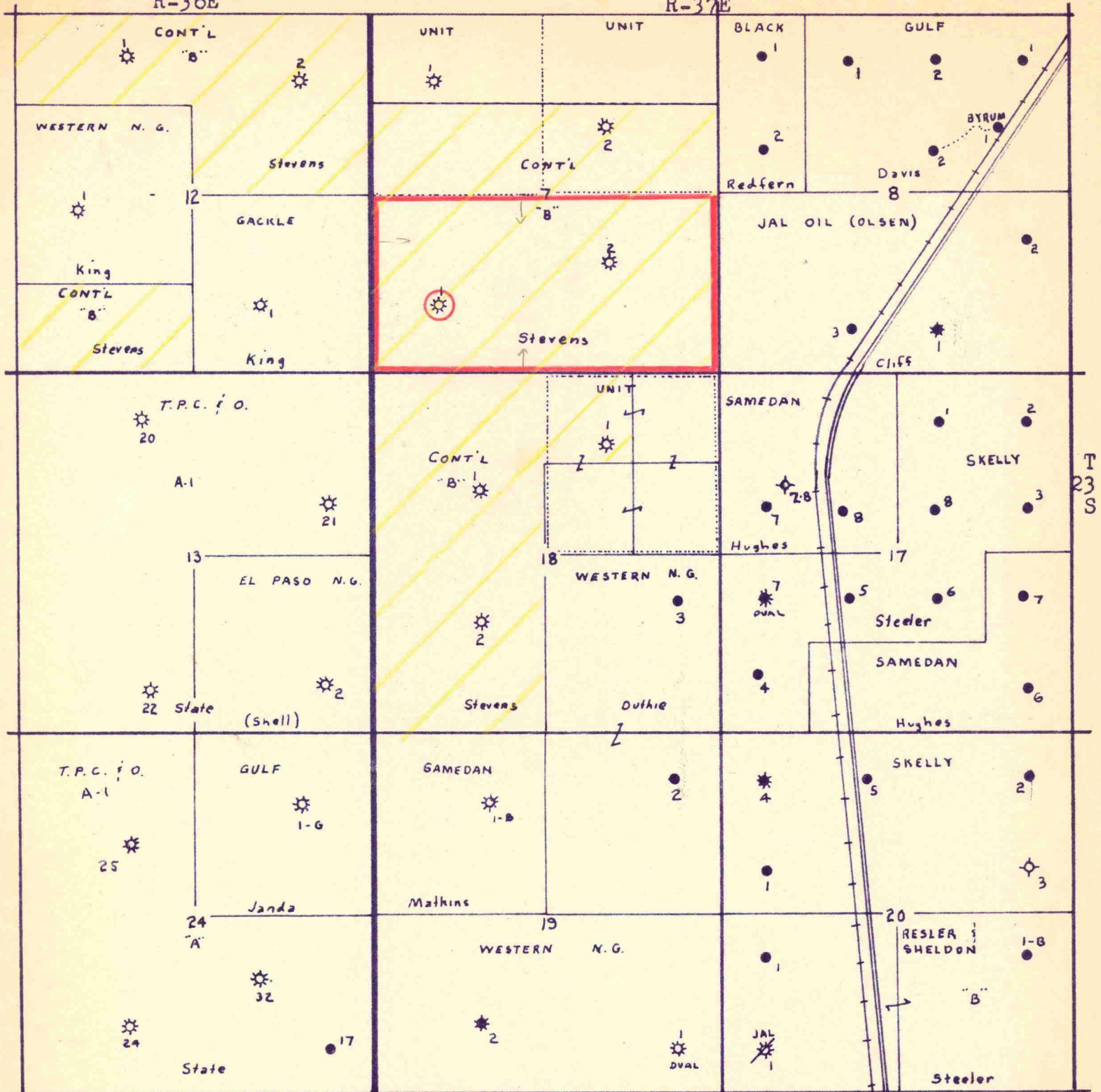


R-36E

R-37E



CONTINENTAL OIL COMPANY

Stevens B-7, B-12, and B-18 Leases

Jalmat - Langlie Mattix Pools

Scale 1" = 2000'

Case 2390

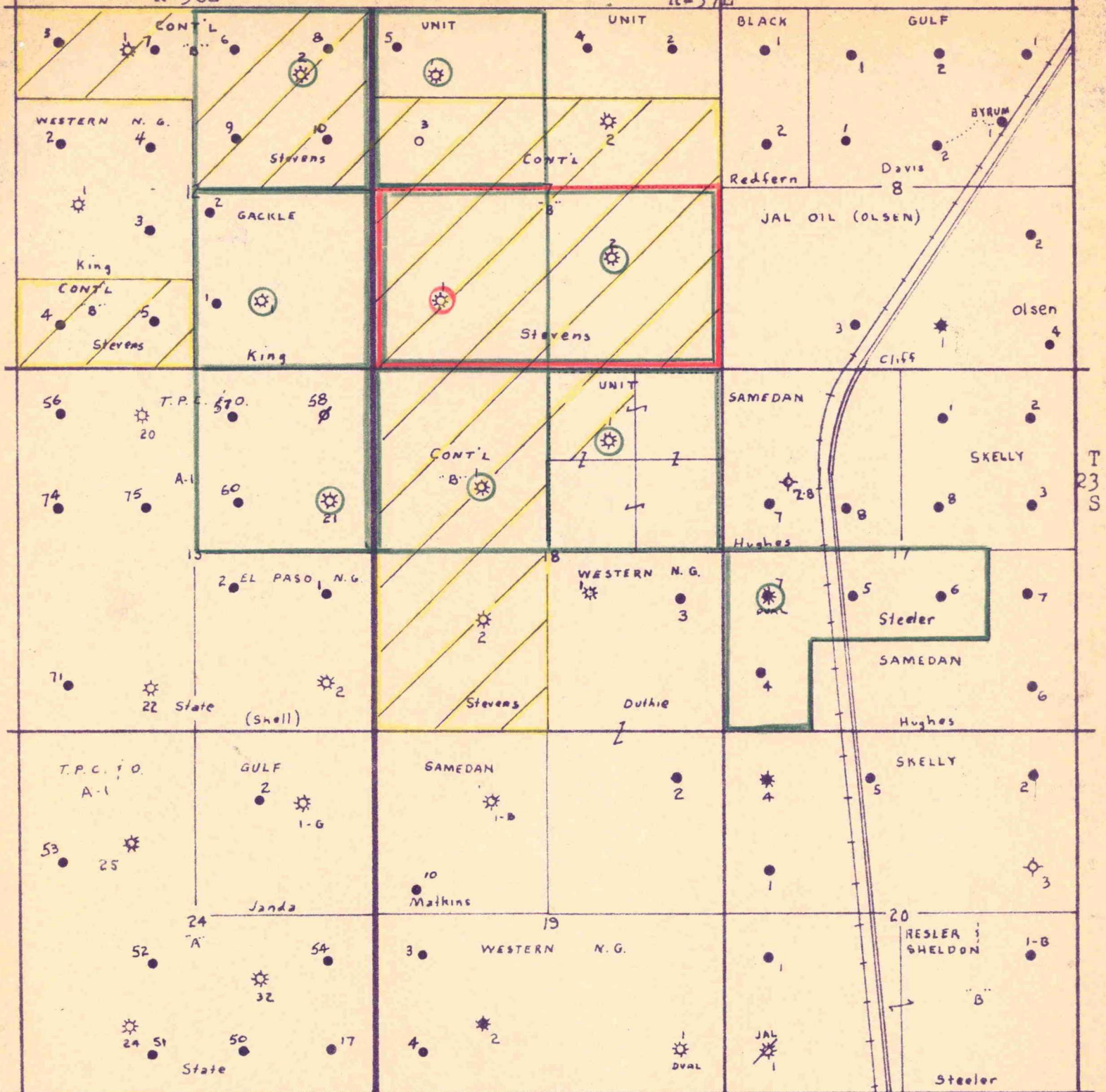
To Dick from John A. Queen

Attached are maps showing the approved gas proration units for the applications under consideration for adm. approval from Continental Oil.

Our basic reason for submitting for adm. approval was that these acreage assignments were originally made without benefit of hearing when the post proration was set up and the well spacing did not follow the required rules. Therefore since no additional acreage is added to the lease adm. approval might be appropriate. If not then it will certainly be fine with Continental to set these for hearing.

R-36E

R-37E



CONTINENTAL OIL COMPANY

Stevens B-7, B-12, and B-18 Leases

Jalmat - Langlie Mattix Pools

Scale 1" = 2000'

Stevens B-7 No. 1 ○

Approved Gas Unit Well ○

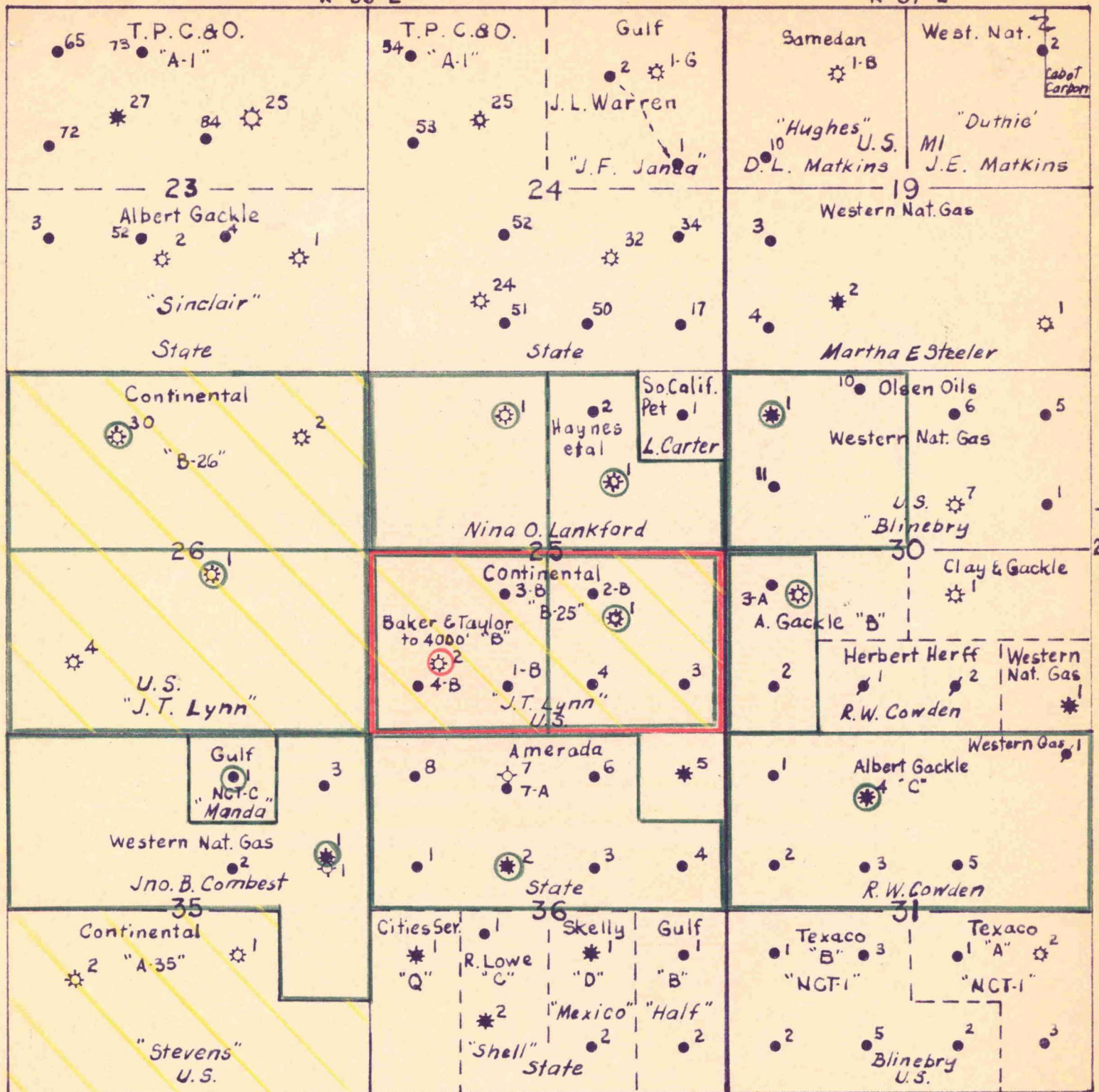
Proposed Gas Proration Unit —

Approved Gas Proration Unit —

Case 2390

R-36-E

R-37-E



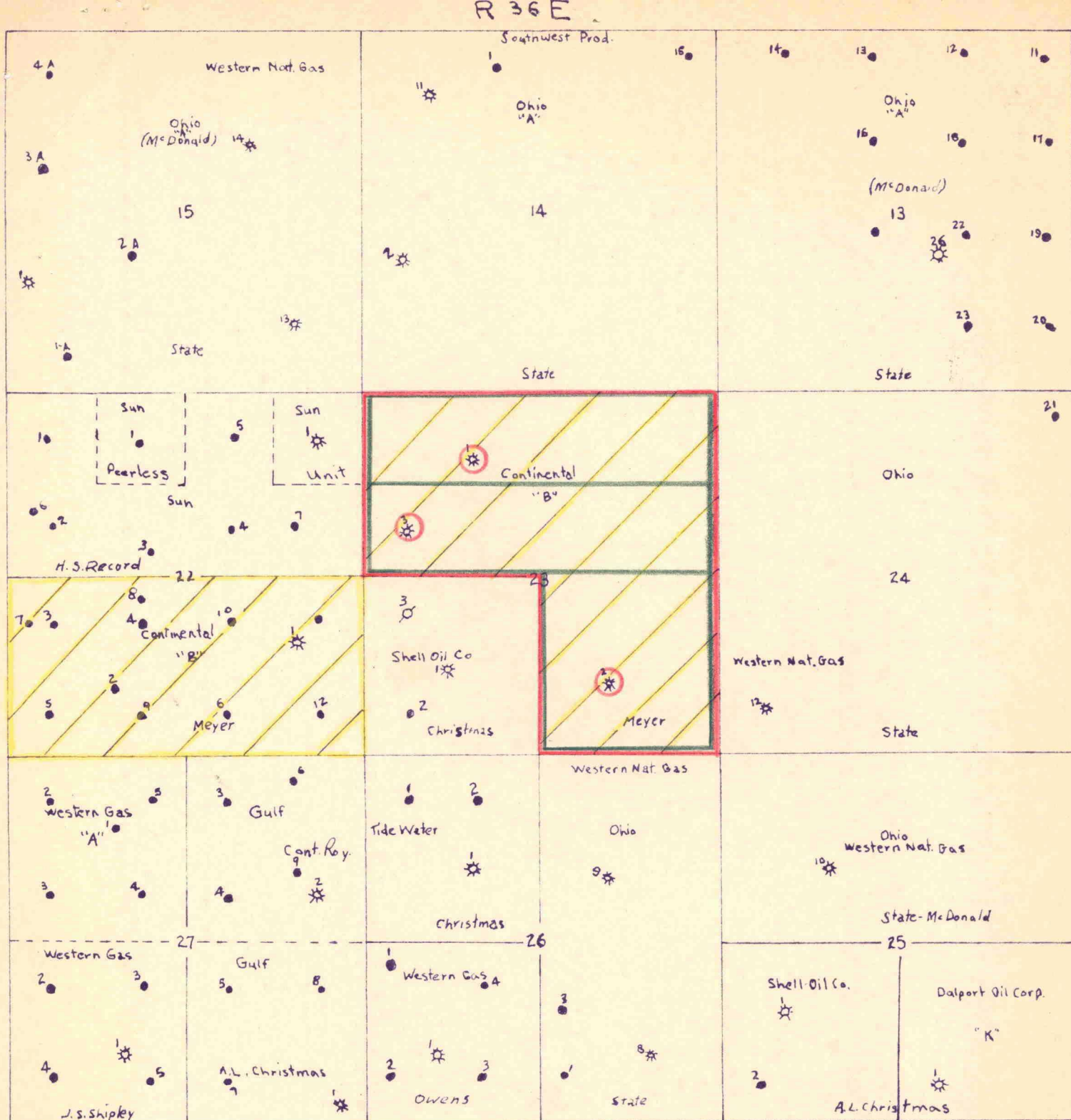
CONTINENTAL OIL COMPANY LOCATION AND OWNERSHIP PLAT

Scale: 1" = 2,000'
Lynn B-25 No. 2 
Proposed Gas Unit 

Approved Gas Unit Well 

Approved Gas Unit 

Case 2390



NEW MEXICO OIL CONSERVATION COMMISSION
One-point Back Pressure Test for Gas Wells
(Deliverability)

Form C-122-G
 3/17/54-1-54

Pool Formation County
 Initial Annual Special Date of test
 Company Lease Well No.
 Unit Sec. Twp. Rge. Purchaser
 Casing Wt. I.D. Set at Perf. To
 Tubing Wt. I.D. Set at Perf. To
 Gas Pay: From To x G = GI Bar. Press. 13.2
 Producing thru Casing Tubing Type Well
 Single- Bradenhead- G.G. or G.O. Dual

FLOW DATA

Started		Taken		Duration Hours	Type Taps	Line Size	Orifice Size	Static Press.	Differ- ential	Flow Temp.
Date	time	Date	time							
5-22	12:45 AM	5-23	12:45 AM	24	Fig	4"	1.250	210	73.49	70°

FLOW CALCULATIONS

Static Pressure P_r	Differ- ential h_v	Meter Extension $P_r h_v$	24-Hour Coeff- icient	Gravity Factor F_g	Temp. Factor F_t	Compress- ability F_{pv}	Rate of Flow MCF/Da. @ 15.025 psia Q
210.2	73.49	210.2	9.043	0.970	0.987	1.007	2,000

SHUT-IN DATA

Shut-in		Press. Taken		Duration Hours	Wellhead Pressure (P_c) psia		W.H. Working Pressure (P_w) and (P_t) psia	
Date	Time	Date	Time		Tubing	Casing	Tubing	Casing
5-23	12:45 AM	5-24	12:45 AM	24	600.2	600.2	600.2	600.2

FRICTION CALCULATIONS (if necessary)

$$P_c = 600.2 + (0.001 \times 2,000)^2 \times 0.001 = 600.2$$

DELIVERABILITY CALCULATIONS

$$P_w = 600.2 \quad P_c = 600.2 \quad P_w + P_c = 600.2$$

$$1 - \frac{P_w}{P_c} = 1 - \frac{600.2}{600.2} = 0$$

$$0.36 + M = 0.36 \quad \text{Log } 0.36 = -0.441 \quad x(n) = 0.36$$

SUMMARY

$P_c = 600.2$ psia
 $Q = 2,000$ MCF/Da.
 $P_w = 600.2$ psia
 $P_d = 600.2$ psia
 $D = 2,000$ MCF/Da.

Log Q = 3.3010
 Log D = 3.3010
 Antilog = 2,000 = D

COMPANY
 ADDRESS
 AGENT and TITLE
 WITNESSED
 COMPANY

REMARKS

Deliverability

BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
<u>PP</u>	EXHIBIT NO. <u>2</u>
CASE NO. <u>100-100000</u>	