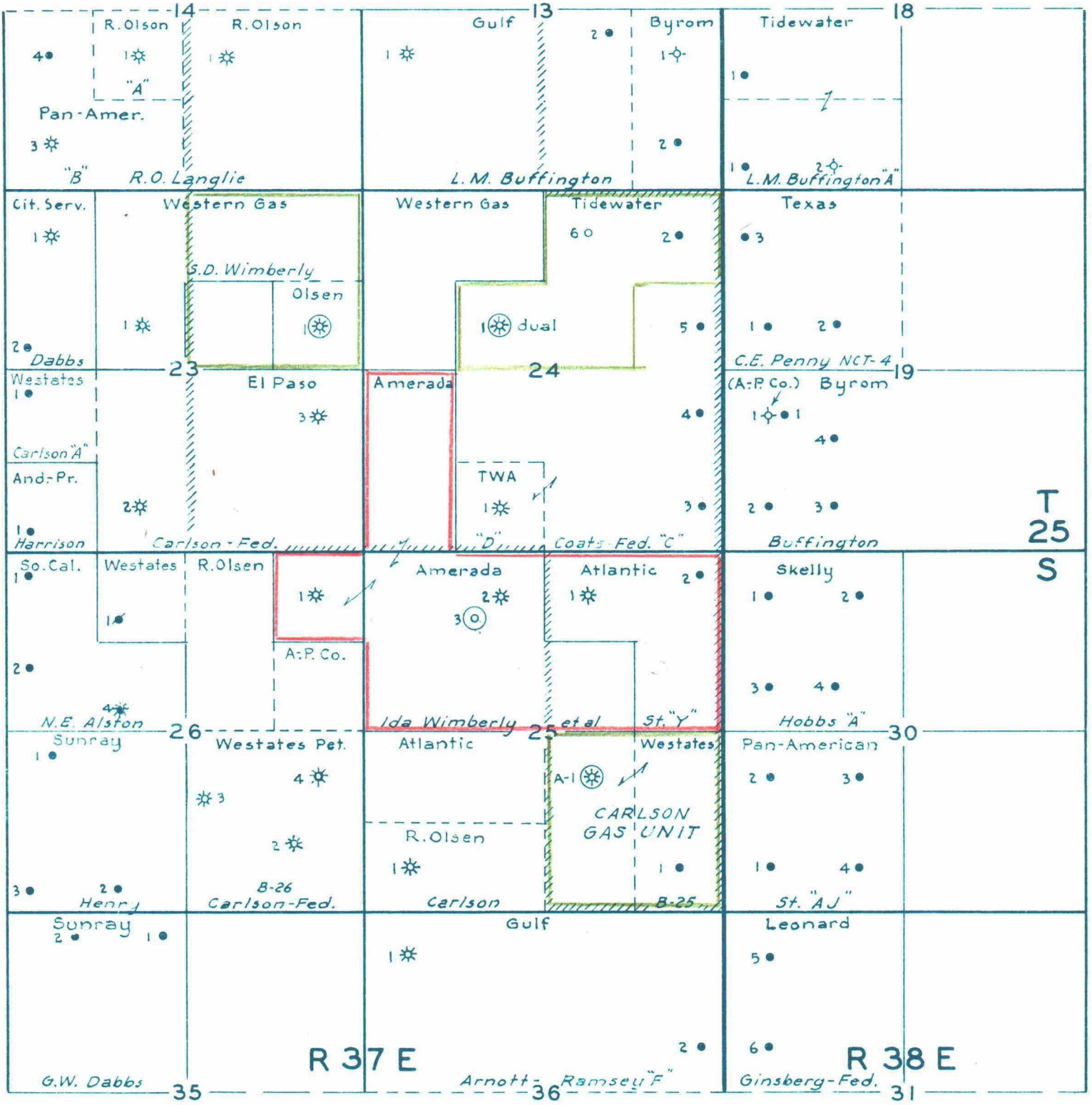


BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
EXHIBIT No. 2
CASE 1219

JUSTIS POOL LIMIT

JUSTIS POOL GAS WELL

AMERADA-ATLANTIC
WIMBERLY GAS UNIT
JUSTIS GAS POOL
LEA COUNTY, NEW MEXICO

1 INCH: 2000 FEET

PRODUCTION DATA
OLSEN OIL COMPANY - WIMBERLY #1
JUSTIS POOL

Date	Gas Production Mcf	Shut-In Tubing Pressure, Psi	Estimated BHP, Psi
1947			
January	No Production		
February		1820	2027
March			
April	Data		
May			
June	Available		
July			
August			
September			
October			
November			
December			
Total	80,466		
Cumulative	80,466		
1948			
January			
February	37,915		
March	25,945		
April	18,047	1794	1998
May	--		
June	68,663		
July	74,259		
August	85,289		
September	83,757		
October	83,770		
November	19,009		
December	44,804		
Total	541,458		
Cumulative	621,924		
1949			
January	39,915		
February	59,189		
March	28,320		
April	23,286	1630	1816
May	1,141		
June	--		
July	381		
August	1,484	1715	1911
September	3,331		
October	1,368		
November	5,119		
December	4,105		
Total	167,639		
Cumulative	789,563		

Date	Gas Production Mcf	Shut-In Tubing Pressure, Psi	Estimated BHP, Psi
1950			
January	5,952		
February	475		
March	572		
April	828	1738	1936
May	6,140		
June	2,416		
July	2,029		
August	11,348		
September	635		
October	1,298	1748	1947
November	7,888		
December	7,098		
Total	46,679		
Cumulative	836,242		
1951			
January	16,668		
February	9,379		
March	35,748		
April	36,450	1658	1847
May	2,909		
June	3,157		
July	20,973		
August	2,677		
September	8,245		
October	713	1724	1921
November	1,879		
December	4,045		
Total	142,843		
Cumulative	979,085		
1952			
January	17,739		
February	41,717		
March	4,107		
April	8,978	1711	1906
May	11,695		
June	4,136		
July	2,028		
August	843		
September	9,807		
October	1,112	1732	1929
November	14,587		
December	26,068		
Total	142,817		
Cumulative	1,121,902		

Date	Gas Production Mcf	Shut-In Tubing Pressure, Psi	Estimated BHP, Psi
1953			
January	56,669		
February	46,933		
March	4,550		
April	7,375	1706	1900
May	6,333		
June	11,638		
July	1,448		
August	5,484		
September	1,398		
October	5,079		
November	6,501		
December	27,652		
Total	181,060		
Cumulative	1,302,962		
1954			
January	27,652		
February	18,495		
March	10,255		
April	14,377		
May	267		
June	6,375	1690	1883
July	6,585		
August	747		
September	1,820		
October	--		
November	1,704		
December	--		
Total	88,277		
Cumulative	1,391,239		
1955			
January	6,850		
February	19,199		
March	3,725		
April		1717	1913
May			
June			
July			
August			
September			
October	21,193		
November	50,536		
December	36,067		
Total	137,570		
Cumulative	1,528,809		

Date	Gas Production Mcf	Shut-In Tubing Pressure, Psi	Estimated BHP, Psi
1956			
January	7,273		
February	41,384		
March	214		
April	293		
May	19,245		
June	26,745		
July	79,125		
August	7,520		
September	8,636		
October	81,567		
November	90,493		
December	5,592		
Total	368,087		
Cumulative	1,896,896		

RECOVERY CALCULATIONS
JUSTIS GAS POOL

Average Pay Thickness:	20'
Per Cent Porosity:	8.5 (Based on Monument-Paddock Porosity)
Per Cent Water Saturation:	20.0
Average Reservoir Pressure, Undeveloped Acreage:	2000#
Recoverable Gas to 200# BHP:	7000 Mcf/Acre

Volumetric Calculations
Olsen Oil Company - Wimberly #1

Original BHP:	2050#
Present BHP:	1850#
Cumulative Production:	1,896,896 Mcf Gas

Gas Originally in Place $= 43.558 \times .085 \times .80 \times \frac{2064}{14} \times \frac{520}{570}$

$= 403.3$ Mcf/Acre-Foot

Gas Now in Place $= 43.558 \times .085 \times .80 \times \frac{1864}{14} \times \frac{520}{570}$

$= 364.2$ Mcf/Acre-Foot

Area Being Drained $= \frac{1,896,896}{403.3 - 364.2} = 48,514$ Acre-Feet

Area for 20' Pay Thickness = 2,425 Acres

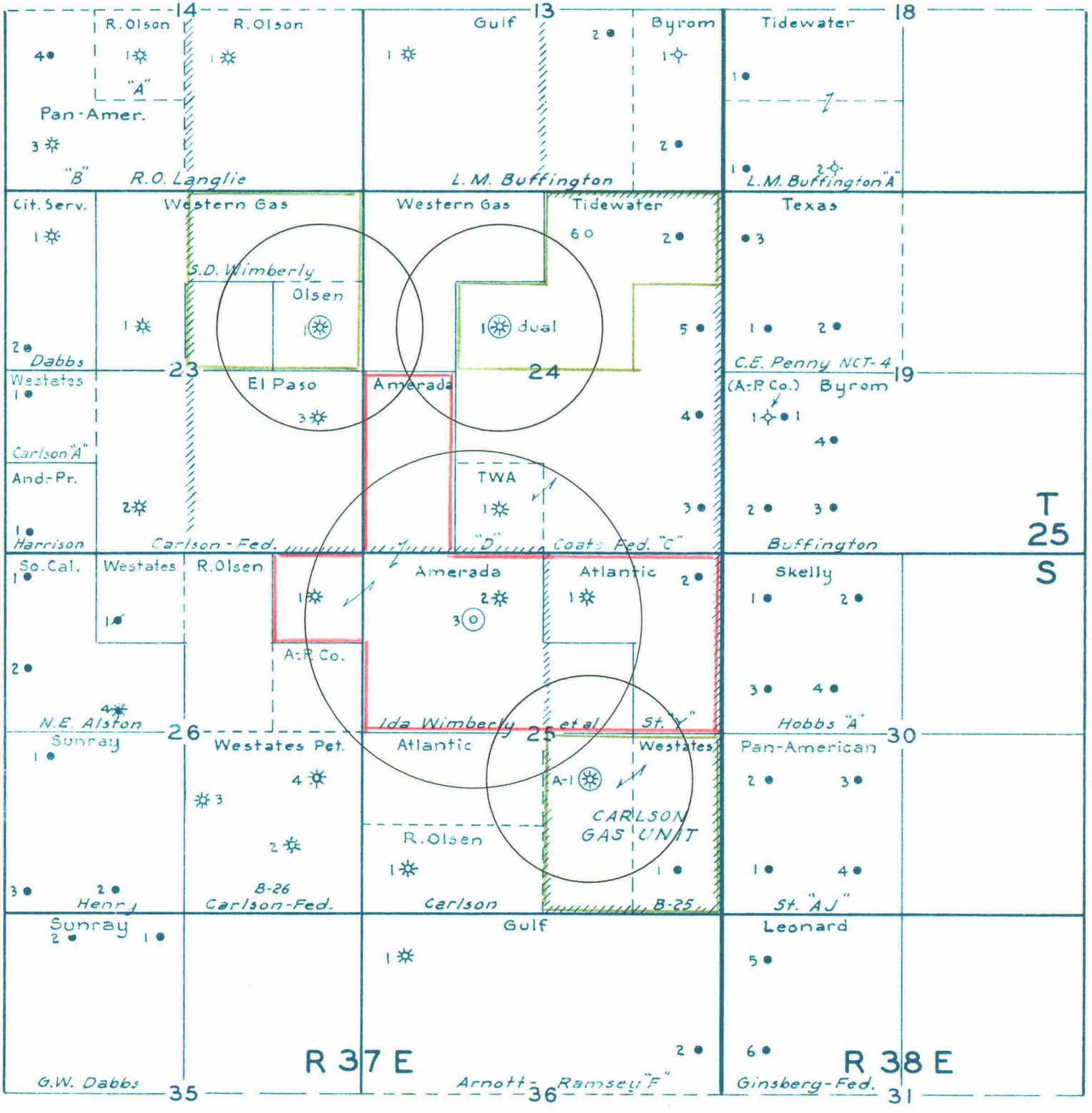
Volumetric calculations probably are meaningless in this case as the Paddock gas pay is underlain by a large water body which would result in some amount of water drive. Possibly the best approach is to point out area being drained assuming different stages of depletion.

At the present time, Olsen's Wimberly #1 well has recovered 1,896,896 Mcf of gas which represents complete drainage of 271 acres. If the well is 25% depleted, it will ultimately recover 7,587,500 Mcf gas and will have drained over 1,080 acres. If the well is now 50%

depleted, ultimate recovery will total 3,793,792 Mcf of gas which gives a drainage area of over 540 acres. 75% depletion would yield an ultimate recovery of 2,529,190 Mcf of gas which represents a drainage area of 361 acres.

The following is a tabulation of Justis pool gas wells showing cumulative production and area drained to date by each well.

		Cumulative Gas Production - Mcf	Acres Drained to 1-1-57
Cities Service	Hodges B-1	1,024,444	146
Continental	State A-2 #1	144,786	21
El Paso	Justis #1	1,685,693	241
Olsen	Wimberly #1	1,896,896	271
Tidewater	Coates C #1	505,856	72
WeStates	Carlson A #1	245,860	35
Western Natural	Eaton B #1	2,991,823	427



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