

- ECONOMIC ANALYSIS -

WOLFCAMP - BONE SPRING DUAL COMPLETIONS

<u>SPACING</u>	<u>BONE SPRING</u>	<u>WOLFCAMP</u>	<u>TOTAL GAS</u>	<u>NET INCOME TO WORKING INTEREST</u>	<u>TOTAL OPERATING COST</u>	<u>TOTAL INVESTMENT</u>	<u>NET PROFIT TO WORKING INTEREST</u>
1. 80 acres	46,400	120,600	186,200	\$404,500	\$23,800	\$203,900 <i>167,500</i> <i>191,500</i>	\$176,800 <i>1.7%</i>
2. 40 acres	23,200	60,300	93,100	\$202,300	\$ 9,600	\$203,900	(\$ 11,200) Net loss

BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

App 4

EXHIBIT NO. 5

CASE NO. 3350

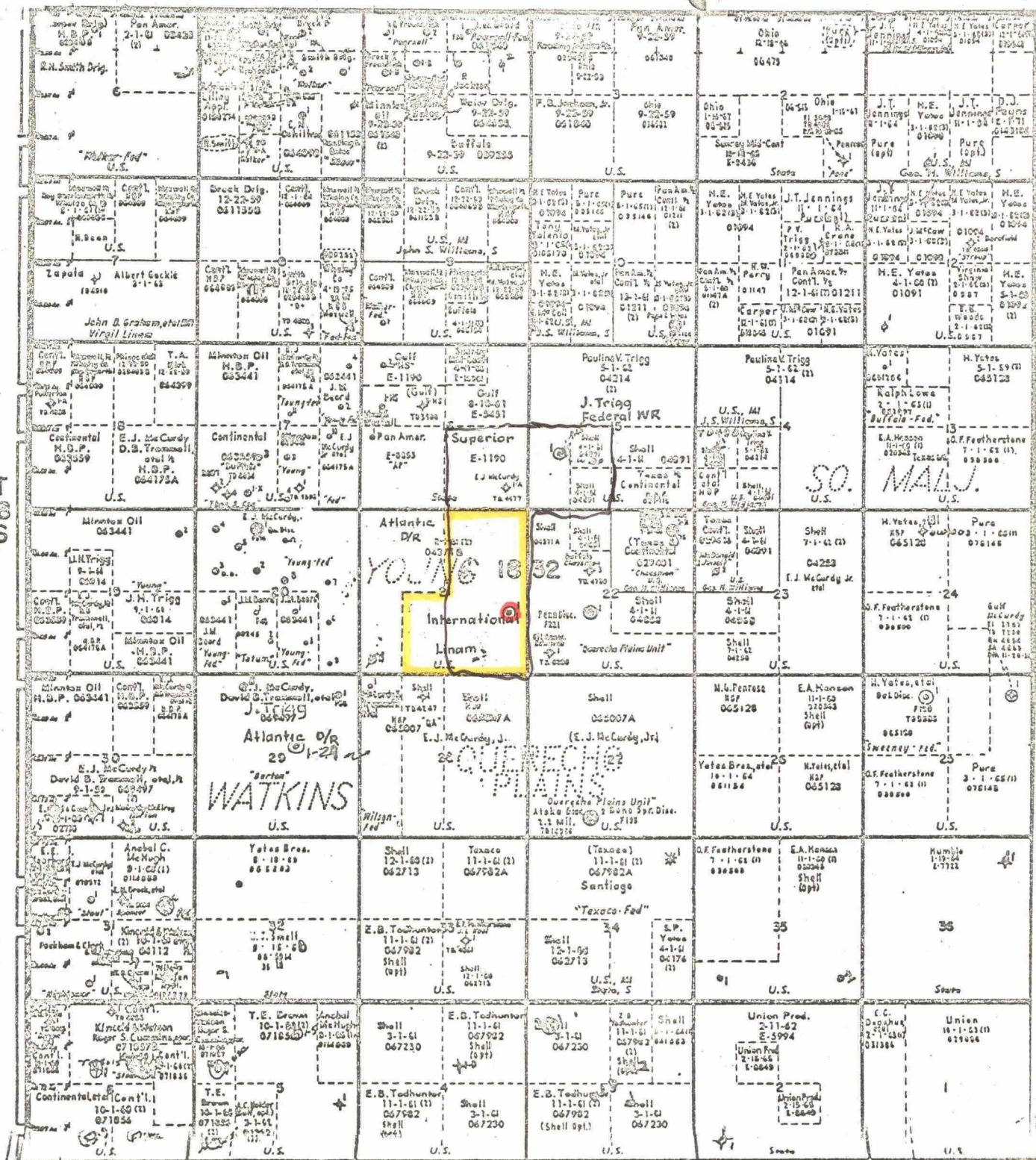
LINAM FEDERAL NO. 1
RESERVOIR CHARACTERISTICS

	BONE SPRING RESERVOIR	WOLFCAMP RESERVOIR
Gross Pay	10 feet.	42 feet
Lithology	Dolomite, Medium to coarsely crystalline, vuggy and intracrystalline porosity.	Limestone, fine crystalline to chalky, fractured, vuggy.
Porosity (Sonic Log)	9.6%	5.9%
Water Saturation (Est)	20%	20%
Reservoir Volume Factor (from Standard Correlations)	1.54	1.53
Recovery Factor (Est. for solution Gas Drive)	15%	15%
Gas Oil Ratio (Measured)	1222 cu. ft/ bbl.	1074 cu. ft./bbl.
Productivity Index(measured)	0.618 BOPD/psi	0.396 BOPD/psi
Bottom Hole Pressure	2570 psi.	4999 psi
Ultimate Recovery: Oil	580 bbls./acre	1508 bbls./ acre
Gas	709 MCF / acre	1620 MCF / acre

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
App EXHIBIT NO. 3
CASE NO. 3350

#3

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18
S

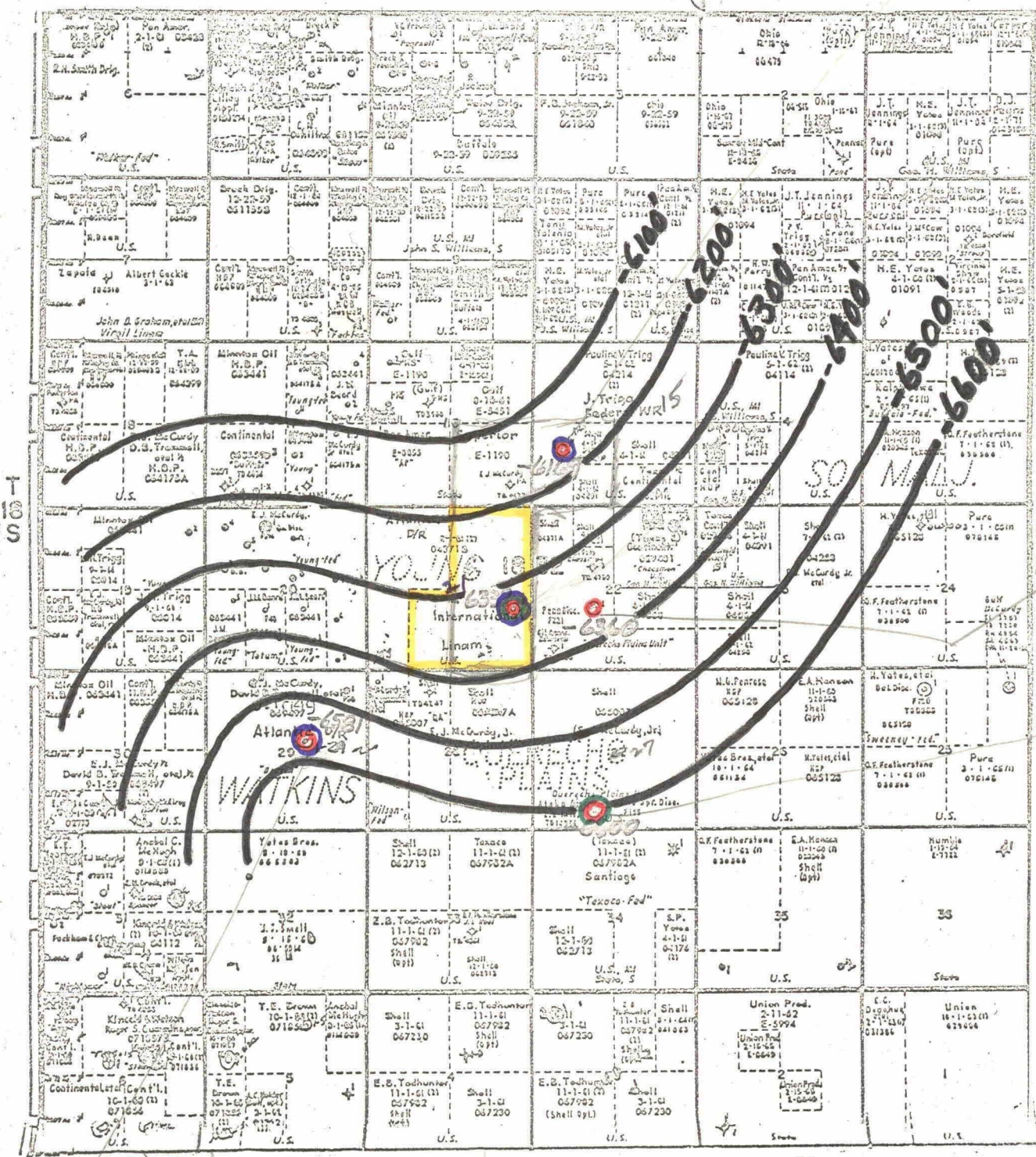


INTERNATIONAL OIL & GAS CORPORATION

LINAM FEDERAL LEASE
E $\frac{1}{2}$ & E $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 21, T18S, R32E
Lea County, New Mexico

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
App $\frac{1}{2}$ EXHIBIT NO. 1
CASE NO. 3350

Same as W4
in #1
12-11-66



Let there be
no B.S.

Bonepick
upper
350' hi.

W.C. 100
higher

INTERNATIONAL OIL & GAS CORPORATION

LINAM FEDERAL LEASE
E $\frac{1}{2}$ & E $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 21, T18S, R32E
Lea County, New Mexico

STRUCTURE MAP - TOP OF WOLFCAMP
Contour Interval: 100 ft.

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
App 2 EXHIBIT NO. 2
CASE NO. 3350