

# MANZANO OIL CORPORATION

## APPLESEED FEDERAL #1

Section 17, T20S, R35E  
Lea County, New Mexico

### A. Data:

Completion Interval:	Bone Spring Carbonate 10,448-466'
Current Production:	50 BOPD + 11 BSWPD
Sweet Crude Oil:	33° API Gravity
Bottom Hole Pressure:	4600 psi
Bottom Hole Temperature:	155° F
Formation Volume Factor:	1.3562
Gas - Oil Ratio:	700 cu.ft. per bbl
Net Pay:	22'
Porosity:	8%
Water Saturation:	35%
Type of Drive:	Solution Gas Drive

### B. Percent Recovery vs Areal Drainage:

<u>Areal Drainage</u> <u>Acres</u>	<u>Original Oil</u> <u>In Place, Bbls</u>	<u>Recovered by</u> <u>Decline, Bbls</u>	<u>% Recovery</u> <u>Primary</u>
40	261,770	123,526	47.19
80	523,541	123,526	23.59

### C. Scharb Bone Spring - Sections 5-8, T19S, R35E:

Spacing:	80 acres
Primary Recovery:	13,700,000 bbls from 44 wells 311,400 bbls/well
Average Gross Pay:	50'
Average Recovery per well based on 22' net pay:	(311,400 bbls/well) (22'/50') = 137,000 bbls/well

BEFORE THE  
OIL CONSERVATION DIVISION  
Santa Fe, New Mexico

Case No. 12003 Exhibit No. 7

Submitted by: Manzano Oil Corporation

Hearing Date: August 6, 1998