

GENERAL RESERVOIR DATA SUMMARY  
LONE PINE DAKOTA "D" FIELD  
MCKINLEY COUNTY, NEW MEXICO

Reservoir Temperature	- 108°F
Original Reservoir Pressure	- 992 psia
Bubblepoint Pressure	- 992 psia
Oil Gravity	- 55° API
Oil Viscosity @ Original Condition	- .322 cp
Oil Formation Volume Factor @ Original Condition	- 1.625
Solution Gas-Oil Ratio @ Bubblepoint	- 962 SCF/STB
Porosity	- 19.3%
Permeability	- 87 md (Geometric Mean)
Water Saturation (Oil)	- 48%
Water Saturation (Gas)	- 40%
Areal Extent, Oil Zone	- 1581.66 Acres
Areal Extent, Gas Zone	- 800.47 Acres
Gross Volume, Oil Zone	- 21,915.06 Ac-Ft.
Gross Volume, Gas Zone	- 9532.25 Ac-Ft
Original Oil In Place	- 10.6 MMBSTO or 479 BSTO/Ac-Ft.
Recoverable By Primary	- 3.18 MMBSTO (30%)
Ultimate Recoverable (Primary + Secondary)	- 5.83 MMBSTO (55%)
Number of Oil Wells	- 22
Number of Gas Wells	- 4
Average Depth Per Well	- 2900 Feet

BEFORE EXAMINATION  
OIL CONSERVATION

EXHIBIT NO. 7

ASST NO. 4664265

checked by Tenneco

Date