

SPRINKLE FEDERAL LEASE

Unit D, Section 26, T-18-S, R-3-E

Lea County New Mexico

BEFORE EXAMINED ~~SPRINKLE~~

OIL CON. TRUSTEE DIVISION

Spaikle

ENCL. NO. *6*

CASE NO. *8783-8755*

Producing Formation	Upper Bone Springs
Depth-Mid Perf. (feet)	8520
Proration Unit (Acres)	40 Acres
Allowable (B.O.P.D.)	230
Average Porosity (percent)	11.5
Average Thickness (feet)	<i>26</i>
Water Saturation (percent)	45
Reservoir Temperature (Deg.F)	132
Oil Gravity (A.P.I.-60 Deg.F)	41
Gas-Oil Ratio (SCF/BBL)	1390
Gas Gravity	0.79
Initial B.H.P. (psi)	3333
Bubble Point Press. (psi)	3616
Formation Volume Factor (vol/vol)	1.77
Oil Viscosity (cp)	0.33
Drilling and Completion Cost (\$)	496,900 <i>Burkeon Cost</i>
Original Oil in Place (bbls)	425,268
Recovery Factor (percent)	<i>largest factor</i> → 25
Recoverable Primary Reserve (bbls)	106,317
Gross Oil Price (\$)	28.00
Transportation	-0.66
State Tax	-1.92
W.P.T.	-5.19
Net Price per Barrel (\$)	20.23
Gross Gas Price (\$ MCF)	2.200
State Tax	-.157
Net Price per M.C.F. (\$)	2.043

20 should be standard factor for solution - you should