

PADDOCK RESERVOIR FLUID PROPERTIES

Paddock fluid properties obtained from a hydrocarbon analysis taken in the New Mexico State "S" No. 2 are shown below. Paddock oil gravity from Conoco's Lockhart A-27 lease is similar to that listed below; therefore, these properties are considered representative of the Paddock oil being produced from the Lockhart A-27 lease.

GENERAL

Source	New Mexico State "S" No. 2
Date Sampled	April 16, 1946
Estimated Original Pressure	2188 psig
Saturation Pressure	2188 psig
Reservoir Temperature	104° F
Datum	-1825' ss

FLASH SHRINKAGE DATA

Separator Pressure	20 psig
Gas-Oil Ratio (Cu. Ft. per Bbl. Residual Oil)	881
Residual Oil Gravity	38.3° API
Gas Gravity	1.010
Formation Volume Factor (Bbls. Saturated Oil per Bbl. Stock Tank Oil)	1.431