

S. J. SARKEYS NO. 5
INFORMATION FOR DOWNHOLE COMMINGLING

(a) Operator: ARCO Oil and Gas Company
P. O. Box 1610
Midland, Texas 79702

(b) Lease, Well, Locations and Pools:

S. J. Sarkeys Well No. 5
660 FSL & 1980' FEL
Section 23, T-21-S, R37-E
Lea County, New Mexico

Pools to be Commingled: Tubb and Wantz Abo

(c) Acreage Dedication and Offset Ownership:

(See Attachments)

(d) 24-Hour Productivity Tests:

(See Attached Form C-116)

(e) Decline Curve and Completion Resume:

(See Attachments)

(f) Bottom Hole Pressures:

Based on a 72-hour bottom hole pressure bomb survey performed on the S. J. Sarkeys No. 5 in May, 1984, the bottom hole pressures for the Tubb and Wantz Abo are as follows:

<u>Formation</u>	<u>Sub-Sea Depth</u>	<u>Gradient ($\frac{\text{psi}}{\text{ft}}$)</u>	<u>Bottom Hole Pressure (psig)</u>
Tubb	-2215'	0.012	415
Wantz Abo	-3656'	0.193	621

(g) Fluid Incompatibility:

The Tubb and Wantz Abo fluids are currently commingled at the Roy Barton lease battery. The Roy Barton lease is the adjacent lease to the north of the S. J. Sarkeys lease. To date, there has been no evidence of fluid incompatibility.

(h) Value of Commingled Fluids:

The S. J. Sarkeys lease is classified as stripper on a surface basis due to the presence of several producing horizons. Downhole commingling the Tubb and Wantz Abo will not jeopardize this stripper classification. Downhole commingling will not affect