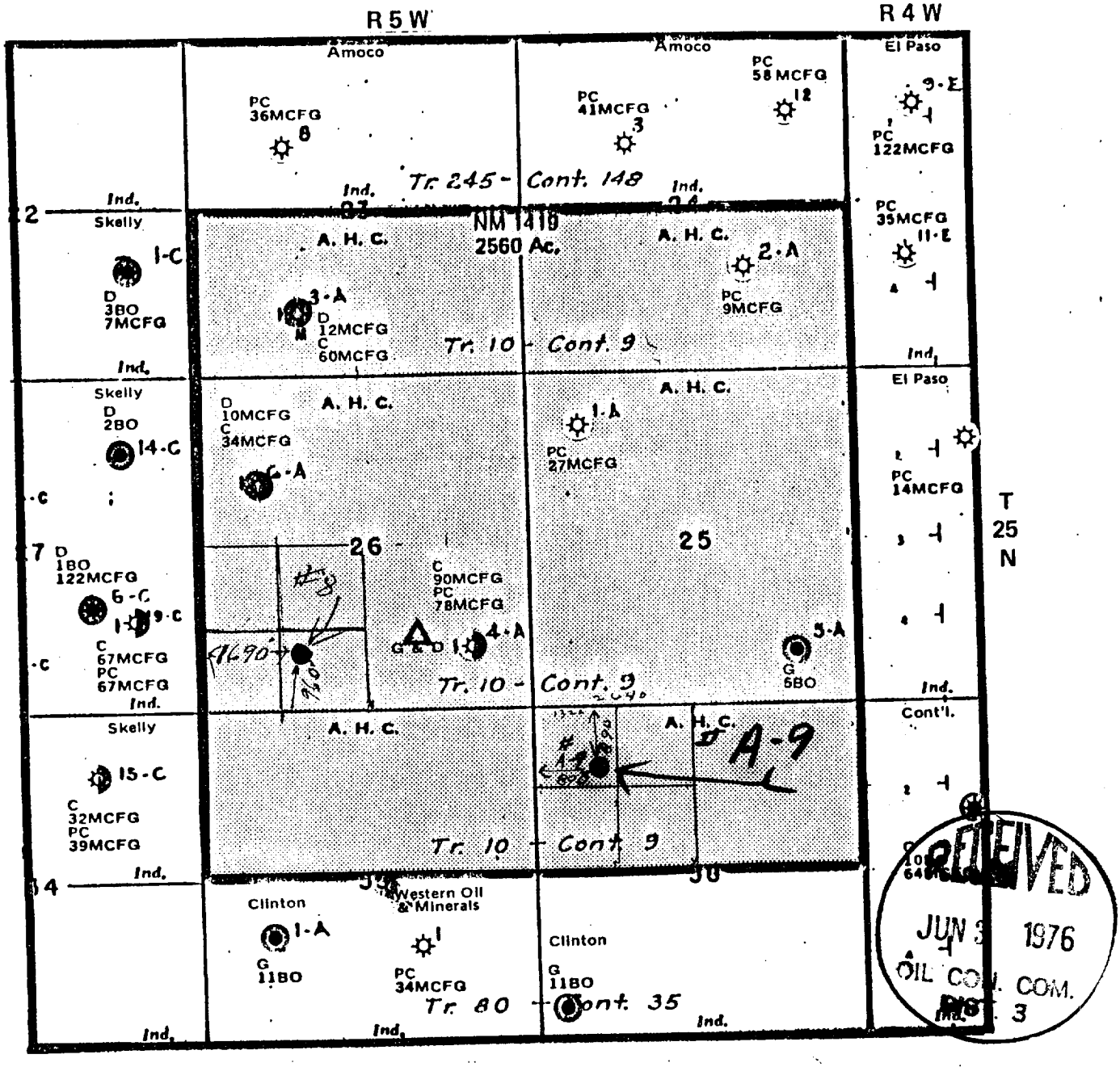

ORIENTATION MAP	GEOL / GEOPH DATA	LEGEND	TYPE OF OWNERSHIP	TULSA EXPLORATION REGION
JICARILLA 'A' NEW MEXICO	Pictured Cliffs Chacra Gallup Dakota/Graneros Dual Completion (Zones as color coded) Proposed Location	AHC AHC Joint Lease Outline Offsetting Wells Outline	Ind. - Jicarilla Apache Fed. - Federal St. - State	AMERADA HESS JICARILLA APACHE "A" Rio Arriba Co., New Mexico CONTRACT NO. 9 LEASE N.M.-1419 0 1/2 1 MILE Volumes indicate average daily production.