

The San Andres group is believed by Lewis to be the time equivalent of the Word formation, the lower two divisions of the Delaware Mountain group, and the El Reno group, each of which is separable into upper and lower divisions over a wide area in the South Permian basin. These correlations were later supplemented by paleontologic information which shows that a preponderance of evidence is accumulating that the San Andres group should be placed in the Guadalupe series instead of the Leonard series.

R. T. COX and N. B. WINTER, geologists, Atlantic Refining Company, Midland: Whitehorse-San Andres Contact on and adjacent to Central Basin Platform (abstract).

Two types of dolomitic limestones are recognized between the basal Grayburg sand and the Glorieta member, each representing a different type of depositional environment and separated by an unconformity. The upper beds are of Whitehorse age and the lower beds are equivalent to the San Andres formation of southeastern New Mexico. The Goldsmith formation was defined in this paper and illustrated by cross sections.

TAYLOR COLE, geologist, University Lands, Midland, and C. M. LINEHAN, geologist, Standard Oil Company of Texas, Midland: Insoluble-Residue Study of the Holt "Pay," Ector County, Texas (abstract).

The Holt "pay" was discovered in the Gulf Oil Corporation's O. B. Holt No. 1 in July, 1939, and is 950 feet below the regular North Cowden pay zone. There has been some controversy as to the age of the Holt "pay." Opinions have varied from Whitehorse to Clear Fork. It is the writers' opinion that the "pay" is middle San Andres in age and is stratigraphically 200 feet below the McKnight "pay" of Crane County and 600 feet above the Tubb "pay" of Crane County.

An interesting comparison is made of various San Andres tops from different companies and their relation with zones below the top of the San Andres are shown. It is the writers' opinion that top of the San Andres is lower than most workers are picking. Three mappable chert zones are found in the San Andres with no appreciable chert occurring above this formation.

JOHN A. BARNETT, district engineer, United States Geological Survey, Roswell, New Mexico: Producing Zones of Eddy County, New Mexico (by title).

W. T. SCHNEIDER, geologist, Honolulu Oil Corporation, Midland: Wasson Pool, Gaines and Yoakum Counties, Texas (by title).