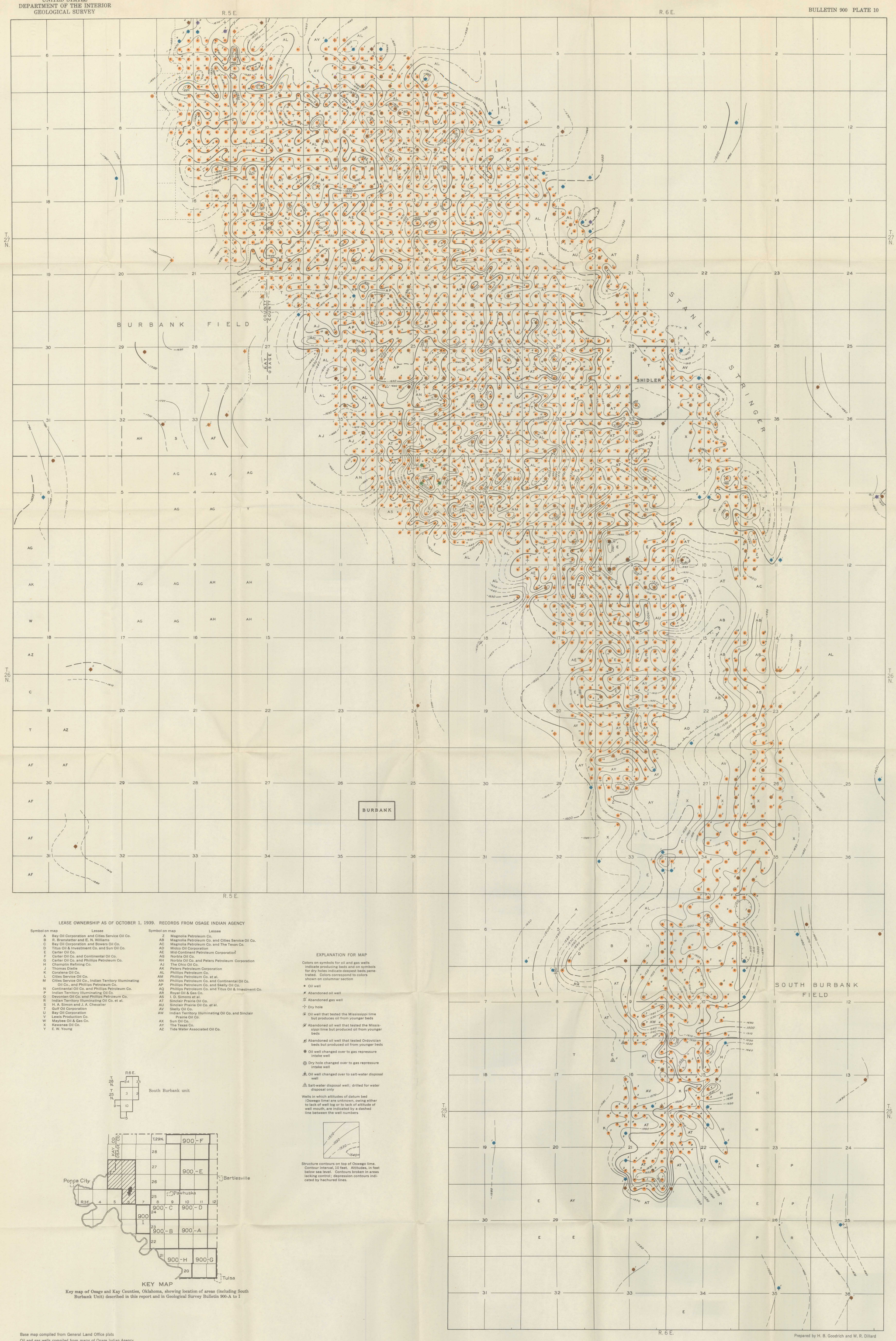

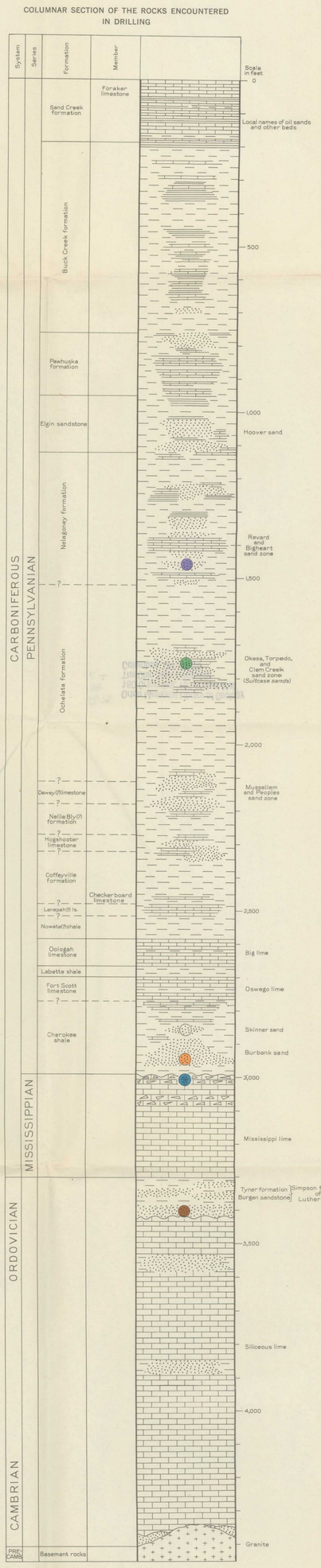

LEASE OWNERSHIP AS OF OCTOBER 1, 1939. RECORDS FROM OSAGE INDIAN AGENCY

Symbol on map	Lessee	Symbol on map	Lessee
A	Bay Oil Corporation and Cities Service Oil Co.	Z	Magnolia Petroleum Co.
B	R. Branstetter and E. N. Williams	AB	Magnolia Petroleum Co. and Cities Service Oil Co.
C	Bay Oil Corporation and Bowers Oil Co.	AC	Magnolia Petroleum Co. and The Texas Co.
D	Titus Oil & Investment Co. and Sun Oil Co.	AD	Midco Oil Corporation
E	Carter Oil Co.	AE	Mid-Continent Petroleum Corporation
F	Carter Oil Co. and Continental Oil Co.	AG	Norbla Oil Co.
G	Carter Oil Co. and Phillips Petroleum Co.	AH	Norbla Oil Co. and Peters Petroleum Corporation
H	Champlin Refining Co.	AJ	The Ohio Oil Co.
J	Thomas Dietle	AK	Peters Petroleum Corporation
K	Coralena Oil Co.	AL	Phillips Petroleum Co.
L	Cities Service Oil Co.	AM	Phillips Petroleum Co. et al.
M	Cities Service Oil Co., Indian Territory Illuminating Oil Co., and Phillips Petroleum Co.	AN	Phillips Petroleum Co. and Continental Oil Co.
N	Continental Oil Co. and Phillips Petroleum Co.	AP	Phillips Petroleum Co. and Skelly Oil Co.
P	Indian Territory Illuminating Oil Co.	AQ	Phillips Petroleum Co. and Titus Oil & Investment Co.
Q	Devonian Oil Co. and Phillips Petroleum Co.	AR	Royal Oil & Gas Co.
R	Indian Territory Illuminating Oil Co. et al.	AS	I. D. Simons et al.
S	H. A. Simon and J. A. Chevalier	AT	Sinclair Prairie Oil Co.
T	Gulf Oil Corporation	AU	Sinclair Prairie Oil Co. et al.
U	Bay Oil Corporation	AV	Skelly Oil Co.
V	Lewis Production Co.	AW	Indian Territory Illuminating Oil Co. and Sinclair Prairie Oil Co.
W	Maybee Oil & Gas Co.	AX	Sun Oil Co.
X	Kewanee Oil Co.	AY	The Texas Co.
Y	E. W. Young	AZ	Tide Water Associated Oil Co.

EXPLANATION FOR MAP

Colors on symbols for oil and gas wells indicate producing beds and on symbols for dry holes indicate deepest beds penetrated. Colors correspond to colors shown on columnar section

- Oil well
- Abandoned oil well
- Abandoned gas well
- Dry hole
- Oil well that tested the Mississippi lime but produces oil from younger beds
- Abandoned oil well that tested the Mississippi lime but produced oil from younger beds
- Abandoned oil well that tested Ordovician beds but produced oil from younger beds
- Oil well changed over to gas repressure intake well
- Dry hole changed over to gas repressure intake well
- Oil well changed over to salt-water disposal well
- Salt-water disposal well; drilled for water disposal only

Wells in which altitudes of datum bed (Oswego lime) are unknown, owing either to lack of well log or to lack of altitude of well mouth, are indicated by a dashed line between the well numbers

Structure contours on top of Oswego lime. Contour interval, 10 feet. Altitudes, in feet below sea level. Contours broken in areas lacking control; depression contours indicated by hachured lines.

KEY MAP

Key map of Osage and Kay Counties, Oklahoma, showing location of areas (including South Burbank Unit) described in this report and in Geological Survey Bulletin 900-A to I

EXPLANATION FOR COLUMNAR SECTION

- Limestone
- Cherty limestone
- Shale
- Sandstone
- Red rock
- Crystalline rocks
- Unconformity

Colors in circles in columnar section correspond to colors used on map to indicate producing beds in oil and gas wells and deepest beds penetrated in dry holes

Base map compiled from General Land Office plats
Oil and gas wells compiled from maps of Osage Indian Agency

Prepared by H. B. Goodrich and W. R. Dillard

MAP OF THE BURBANK AND SOUTH BURBANK OIL FIELDS, TOWNSHIPS 26 AND 27 NORTH, RANGE 5 EAST, AND TOWNSHIPS 25 TO 27 NORTH, RANGE 6 EAST, OSAGE AND KAY COUNTIES, OKLAHOMA

Shows the subsurface geologic structure of the top of the Oswego lime (Fort Scott limestone), the producing beds in oil and gas wells, the deepest rocks penetrated in dry holes, and the lease ownership as of October 1, 1939

1 ½ 0 1 2 Miles

1942