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

Symbol on map	Lessee
A	Ascher Oil Co.
B	Barnsdall Oil Co.
C	Breene, Mabel G.
D	Bruce, F. D., et al.
E	Charles Petroleum Corporation
F	Collins, S. W.
G	Commercial Drilling Co.
H	Continental Oil Co.
J	Devonian Oil Co.
K	Dutton, P. W.
L	Elliott, W. C.
M	Field, J. W.
N	Gillespie, F. A., & Sons Co.
P	Gillespie, F. A., & Sons Co. and Grimes, Chas. W.
Q	Gilmort Oil Co.
R	Greene, Eva Hirdler
S	Heald, Glen F.
T	Howard, Duffield & Berlin
U	Illinois Oil Co.
V	Kennedy & Kennedy
W	Kewanee Oil Co.
X	Knappenberger, Bill A.
Y	Kinley, Floy T.
Z	Landon, A. M., et al.
AB	Martin & Kiskaddon
AC	McMechon, Foster & Kirkpatrick
AD	Meyer, E. A.
AE	Midco Oil Corporation
AF	Norris, W. C.
AL	Norris, Madolin M., et al.
AG	Oklahoma Natural Gas Co.
AH	Phillips, W. V.
AJ	Pioneer Petroleum Co.
AK	Sand Springs Home Interests et al.
AM	Sand Springs Home Interests, Gilmort Oil Co., and Kinney
AN	Schoonover, E. E.
AP	Selby Oil & Gas Co.
AQ	Sinclair Prairie Oil Co.
AR	Slater, R. O., et al.
AS	Smith-Elliott et al.
AT	Smith & Spriggs et al.
AU	Spartan Co.
AV	Sterling Oil & Gas Co. and Superior Oil Corporation
AW	Stine, J. C., et al.
AX	Superior Oil Corporation and Bay Oil Corporation et al.
AY	Tex-Okla Investment Co.
AZ	The Texas Co.
BB	Tide Water Associated Oil Co.
BC	Verland Oil & Gas Co.
BD	Winona Oil Co.

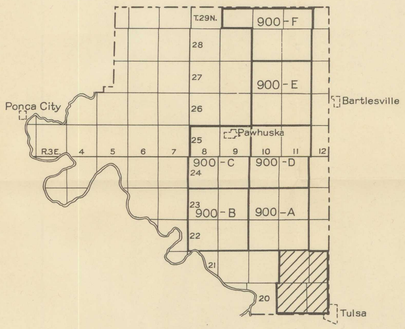
EXPLANATION FOR MAP

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. Producing bed was not determined in most of wells from which color is omitted.

- Oil well
- Abandoned oil well
- Gas 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 gas well that tested the Mississippi lime but produced gas from younger beds
- Oil well that tested Ordovician beds but produces oil from younger beds
- Abandoned oil well that tested Ordovician beds but produced oil from younger beds
- Abandoned gas well that tested Ordovician beds but produced gas from younger beds
- Oil well converted to water-disposal well
- Well drilled for water disposal only

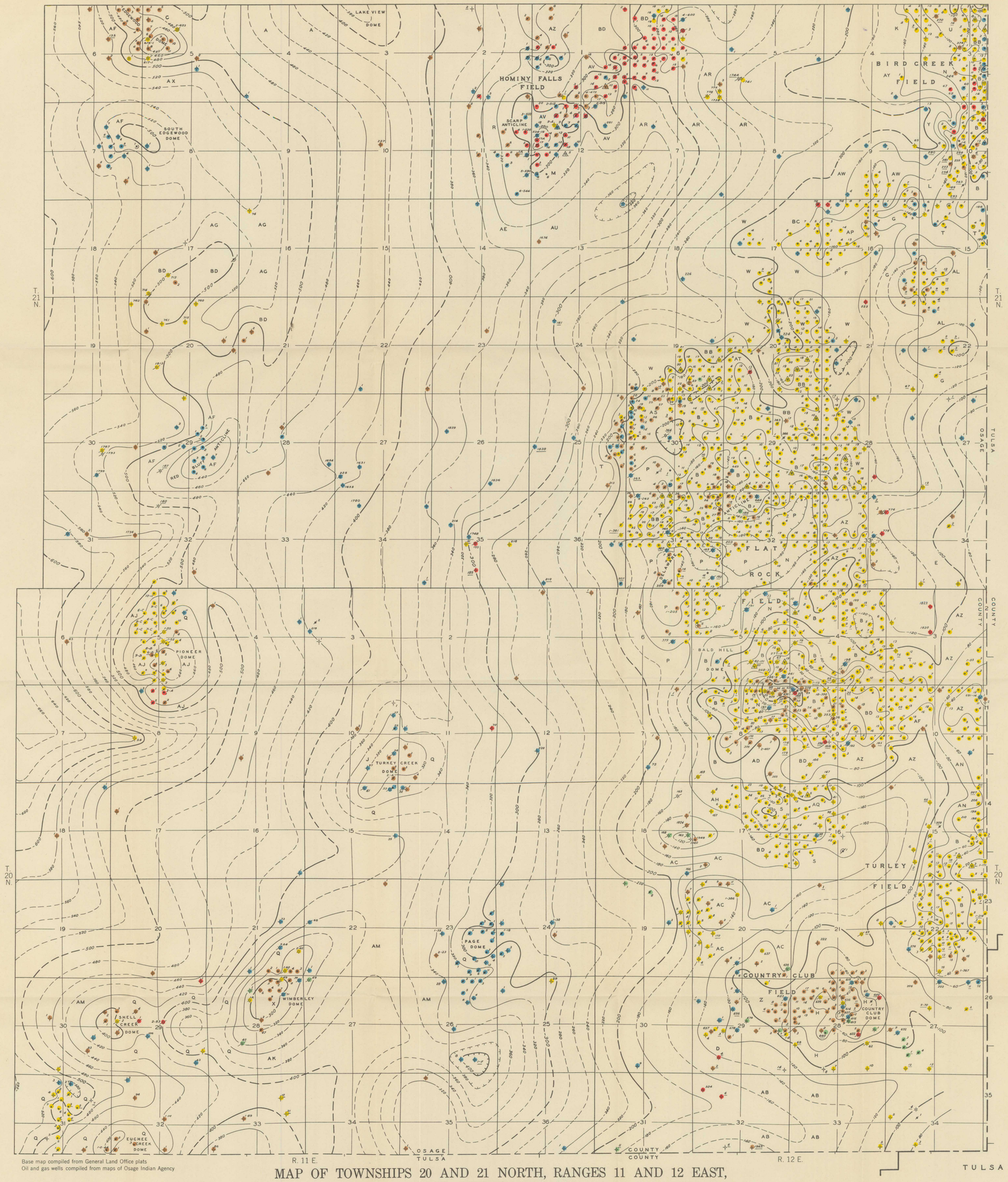
Wells in which altitudes of datum bed (Oswego lime) are unknown, owing either to lack of well log or to lack of altitude of well mouth, are indicated by a dashed line beneath the well numbers

Structure contours. Contour interval, 20 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 County, Oklahoma, showing location of areas described in this report and in Geological Survey Bulletin 900-A, B, C, D, E, and F.



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

MAP OF TOWNSHIPS 20 AND 21 NORTH, RANGES 11 AND 12 EAST, OSAGE COUNTY, OKLAHOMA

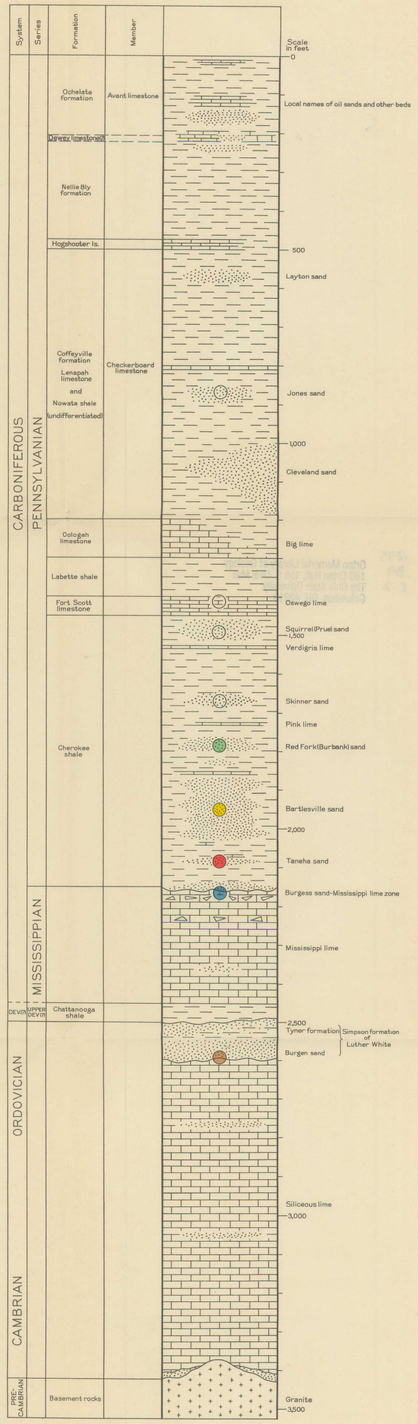
Shows the subsurface geologic structure of the top of the Oswego lime (Fort Scott limestone), the producing beds in oil and gas wells, the deepest rocks penetrated in dry holes, and the lease ownership as of April 1, 1939

1 ½ 0 1 2 Miles

1941

Prepared by W. R. Dillard, N. W. Bass, and C. T. Kirk

COLUMNAR SECTION OF THE ROCKS ENCOUNTERED IN DRILLING



EXPLANATION FOR COLUMNAR SECTION

- Limestone
- Cherty limestone
- Shale
- Sandstone
- 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