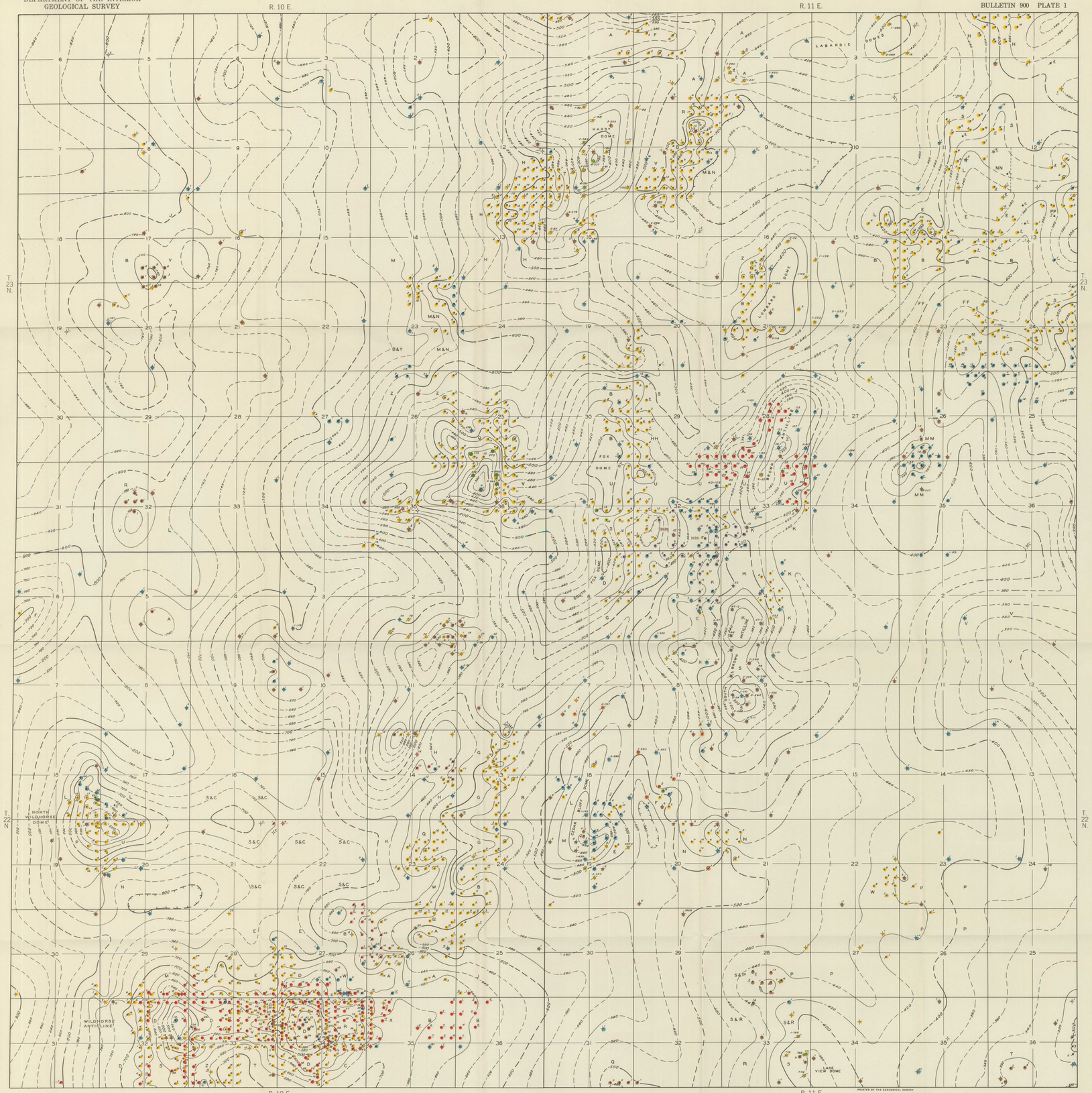
LEASE OWNERSHIP AS OF MARCH 1, 1937 RECORDS FROM OSAGE INDIAN AGENCY

Symbol on map	Lessee
T. 22 N., R. 10 E.	
A	Indian Territory Illuminating Oil Co.
B	Barnsdall Oil Co.
C	Continental Oil Co.
D	Darby Petroleum Corp.
E	Empire Oil & Refining Co.
F	Sterling Oil & Gas Co.
G	W. F. Hammond
H	L. B. Jackson
J	L. L. Wiles
K	World Oil Co.
L	Midco Oil Corp.
M	Mid-Continent Petroleum Corp.
N	William Penn Petroleum Co.
P	Pure Oil Co.
Q	Elm Oil Co.
R	Rex Oil Co. and Pyramid Oil Co.
S	Sinclair Prairie Oil Co.
T	The Texas Co.
U	Skelly Oil Co. and Gulf Oil Corp.
V	Valley Osage Oil Co.
W	Winona Oil Co.
X	Margay Oil Corp. et al.
Z	Mabel Gray Breene
S & C	Sinclair-Prairie Oil Co. and Continental Oil Co.
T. 23 N., R. 10 E.	
B	Barnsdall Oil Co.
F	J. A. Pressbury et al.
H	American Oil Development Co.
J	The Ohio Oil Co.
L	Western American Oil Co.
M	Mid-Continent Petroleum Corp.
Q	The Ross Oil & Gas Co.
R	Union Oil & Mining Co. et al.
V	Indian Territory Illuminating Oil Co.
Z	Pyramid Oil Co. and Rex Oil & Gas Co.
B & Y	Barnsdall Oil Co. and Ray Branstetter.
M & N	Mid-Continent Petroleum Corp. and World Oil Union
T. 22 N., R. 11 E.	
A	Winona Oil Co.
C	Everett Adams et al.
D	Osage Lease Holding Co. et al.
E	Empire Oil & Refining Co.
F	Finance Oil Co.
G	W. F. Hammond
H	J. H. Craig
J	Sophia Nadle
K	Kewanee Oil & Gas Co.
L	Indian Territory Illuminating Oil Co. and Finance Oil Co.
M	William D. Gray and J. S. Cosden
N	F. A. Gillespie & Sons Co.
P	Ray Branstetter
Q	Mabel Gray Breene
R	Norbla Oil Co.
S	Bay Oil Corp.
T	The Texas Co.
S & P	Bay Oil Corp. and Ray Branstetter
S & R	Bay Oil Corp. and Norbla Oil Co.
V	Coralena Oil Co.
W	West Central Oil Co.
T. 23 N., R. 11. E.	
A	Opal Twyman
B	Barnsdall Oil Co.
E	Empire Oil & Refining Co.
F	George Th. Tselos
H	Wolverine Oil Co.
J	H. O. Dixon and M. C. Mann
K	Kewanee Oil & Gas Co.
L	A. H. Pettigrove
M & N	Peters Petroleum Corp. and Norbla Oil Co.
R	The Ross Oil Co. et al.
S	Sinclair Prairie Oil & Gas Co.
T	The Texas Co.
U	Finance Oil Co.
V	Skelly Oil Co. et al.
Y	Vern McCoy et al.
Z	F. A. Haver
FF	Winona Oil Co.
HH	Charles I. Sills et al.
MM	I. Nadel
NN	T. O. Lilystrand and Jack B. Wolfe
PP	Alrose Pipe & Supply and A. Pepis



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

MAP OF TOWNSHIPS 22 AND 23 NORTH, RANGES 10 AND 11 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 March 1, 1937

1½ 0 1 2 Miles

1938

Prepared by N. W. Bass, L. E. Kennedy, W. R. Dillard, Otto Leatherock, and J. H. Hengst

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. Color omitted from wells whose producing bed was not determined.

- 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
- Gas well that tested the Mississippi lime but produces gas 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
- Gas well that tested Ordovician beds but produces gas 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
- Water-pressure well in SW ¼ sec. 28, T. 23 N., R. 11 E.

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.

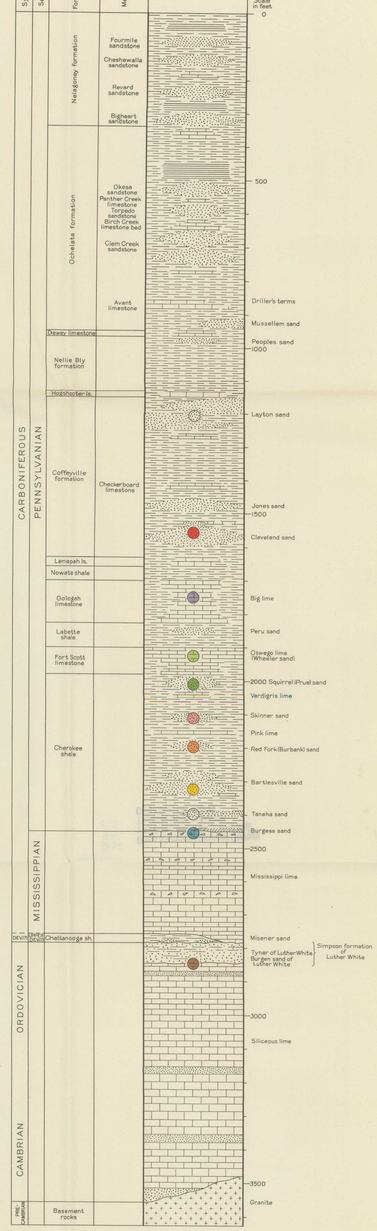
Structure contours. Contour interval, 20 feet. Altitudes in feet below sea level. Contours broken in areas lacking control; depression contours indicated by hachured lines

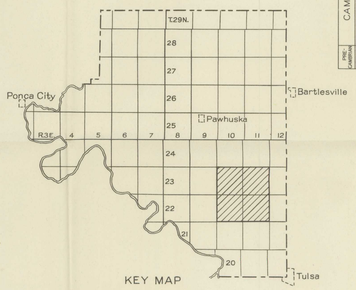
EXPLANATION FOR COLUMNAR SECTION

- 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

COLUMNAR SECTION OF THE ROCKS ENCOUNTERED IN DRILLING





KEY MAP

Key map of Osage County, Okla., showing location of Tps. 22 and 23 N., Rs. 10 and 11 E.