

Office Rpt #122

alkali Domes

R E P O R T

on

SCHOOL SECTION

No. 36 Township 54 N. Range 95 W.

Big Horn County,

Wyoming.

[L. W. Trumbull]

1916

The State of Wyoming

OFFICE OF

Commissioner of Public Lands

CHEYENNE

228

S. G. HOPKINS, COMMISSIONER
MISS W. F. STUART, DEPUTY

March 30, 1916.

Hon. L. W. Trumbull,
State Geologist,
Cheyenne, Wyo.

Sir:

I acknowledge receipt of your report on Sec. 36, Twp. 54 N.,
Rg. 95 N., and thank you for the same.

Yours very truly,

S. G. Hopkins
Commissioner.

FP.

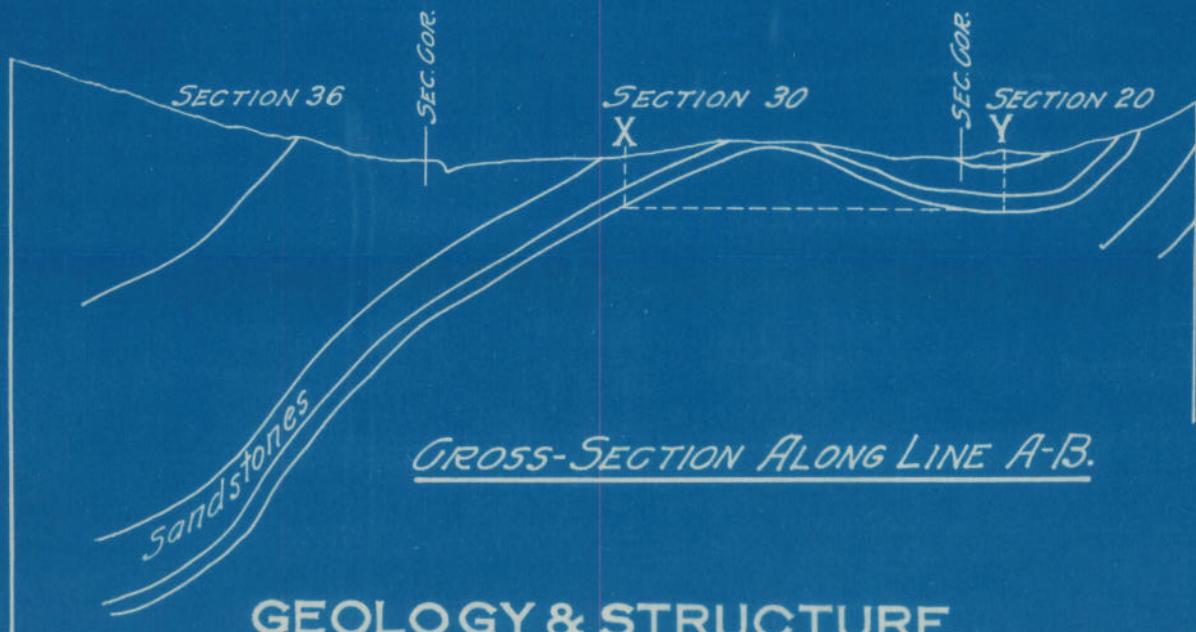
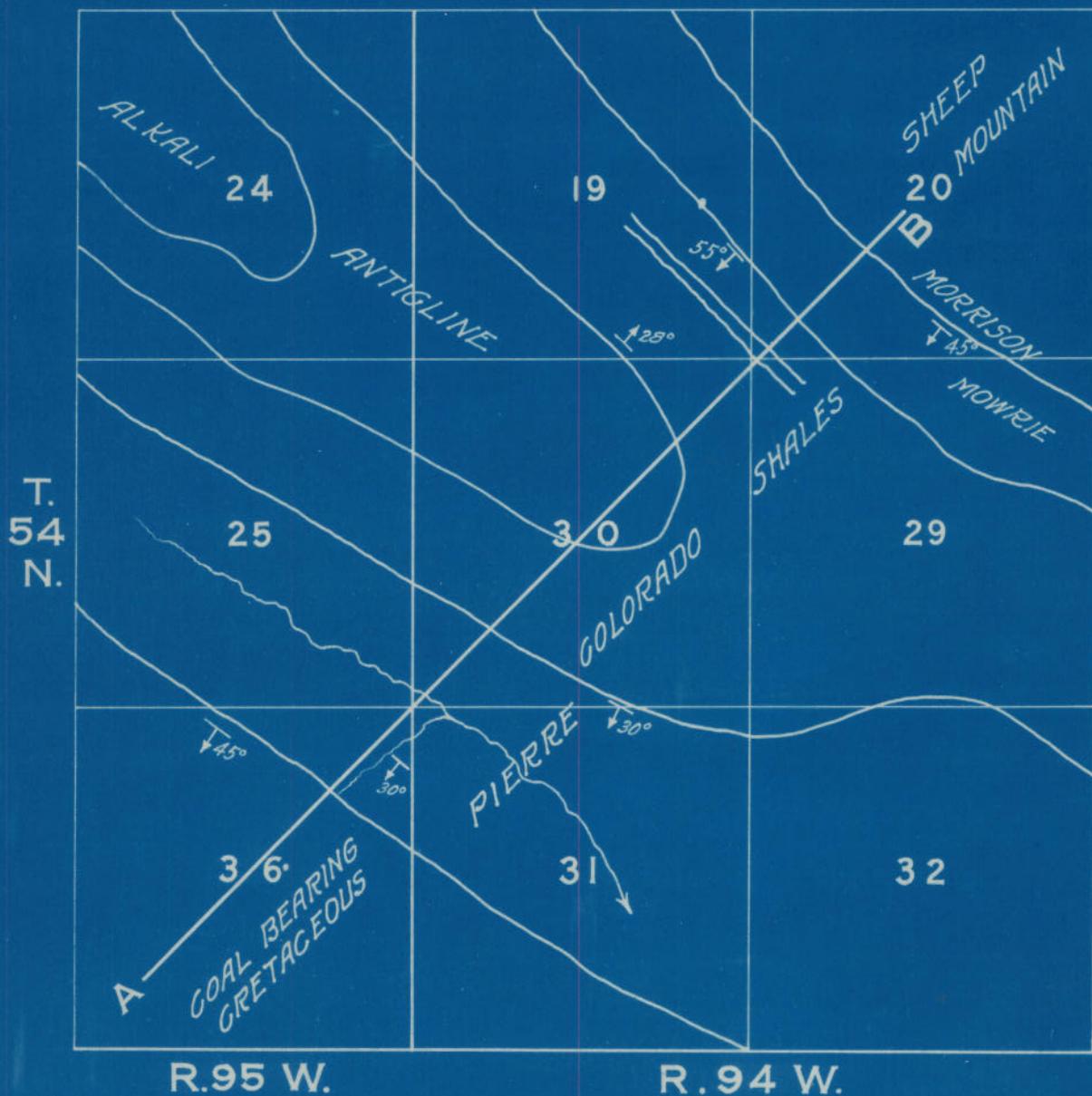
SCHOOL SECTION No.36 TOWNSHIP 54 N., RANGE 95 W.

Big Horn County, Wyoming.

This section lies far out on the western slope of the south end of the minor uplift known as the Alkali dome. The geologic map and cross-section herewith shows the geologic structure. The dip of the strata is so high, and the nearest corner of this section is so far from the axis of the anticline, that there can be neither gas nor oil in the sandstones underlying any part of this section.

Without going into the possibilities under the upper part of the dome, the most favorable conditions possible would cause an accumulation of oil only between the point X and Y. As the northeast corner of section 36 lies more than a quarter of a mile away from point X, the impossibility of there being any oil within the boundaries of 36 is apparent.

Cheyenne, Wyoming.
March 27, 1916.



**GEOLOGY & STRUCTURE
OF
SEC. 36 T. 54N.R.95 W.
BIG HORN CO. WYOMING.**

ILLUSTRATING REPORT BY L.W. TRUMBULL,
MARCH 27, 1916.