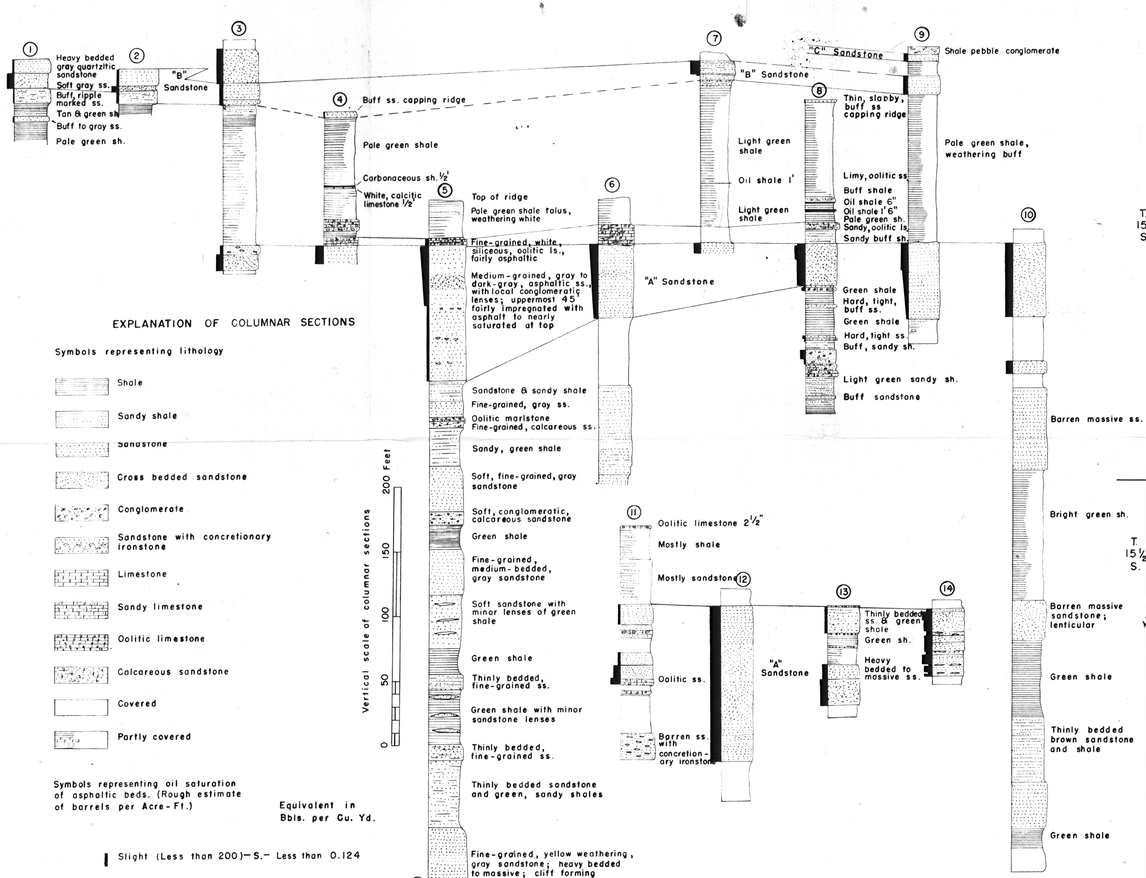


EXPLANATION OF COLUMNAR SECTIONS

Symbols representing lithology

- Shale
- Sandy shale
- Sandstone
- Cross bedded sandstone
- Conglomerate
- Sandstone with concretionary ironstone
- Limestone
- Sandy limestone
- Oolitic limestone
- Calcareous sandstone
- Covered
- Partly covered

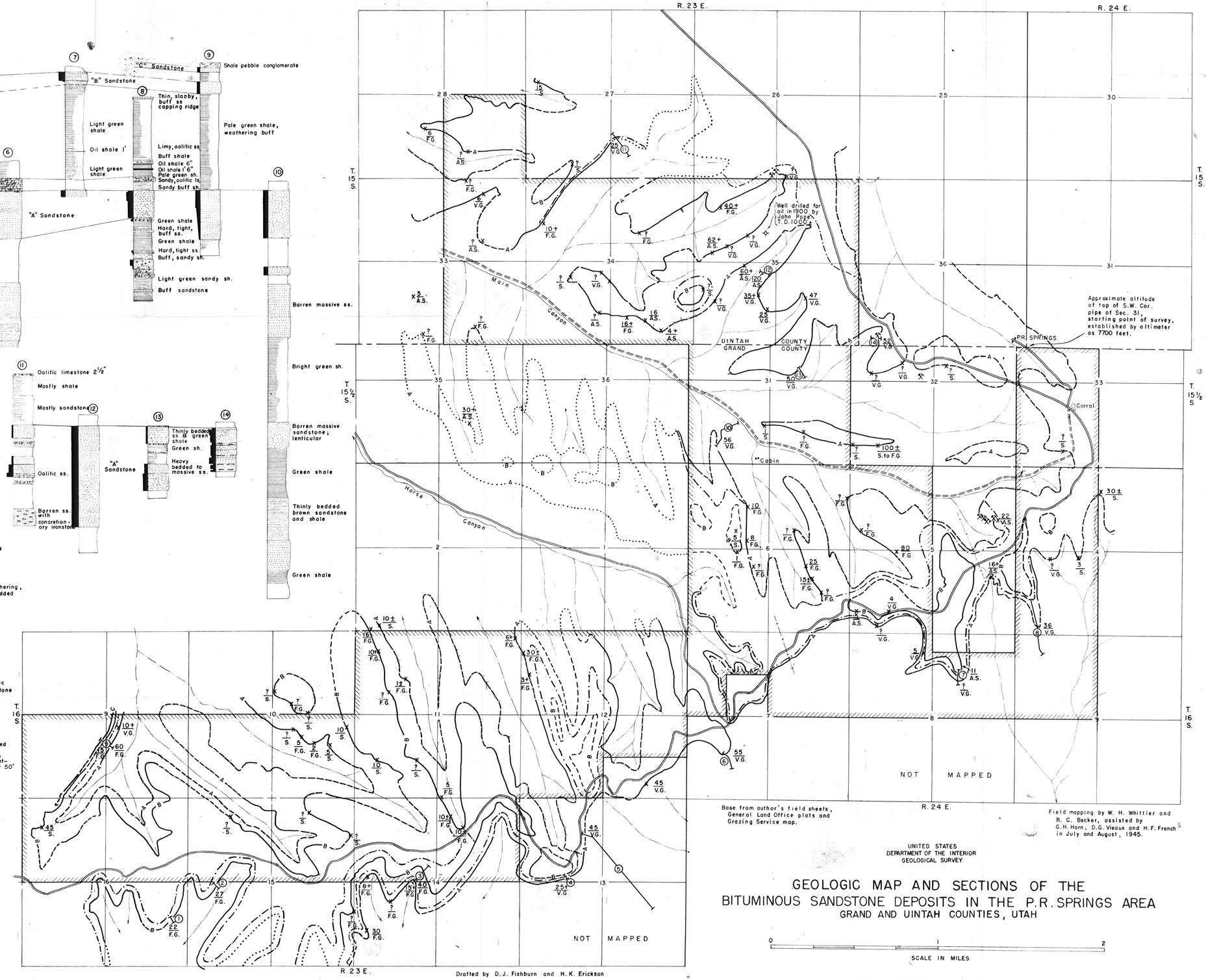
Symbols representing oil saturation of asphaltic beds. (Rough estimate of barrels per Acre-Ft.)

	Equivalent in Bbls. per Cu. Yd.
Slight (Less than 200)—S.—	Less than 0.124
Fairly good (200 to 500)—F.G.—	0.124 to 0.310
Very good (500 to 1,000)—V.G.—	0.310 to 0.620
Apparently saturated —A.S.—	0.620 to 0.837 (1,000 to 1,350)

EXPLANATION OF MAP

All beds exposed in area mapped belong to the Douglas Creek Member of the Green River Formation of Eocene Age

- Outcrop of top of asphaltic sandstone bed. Base nearly always obscured by surficial deposits
- Location of measured section with number corresponding to number of columnar section
- Prospect excavation
- Seepage of asphalt
- Drainage
- Barbed wire fence
- Partially graded road
- Unimproved road
- Land corners found
- Outcrop extended from aerial photographs beyond area of detailed mapping
- Approximate limit of overburden of stripable deposits
- Area embraced in application for lease
- 47 V.G. — Asphaltic bed 47 feet thick and of very good impregnation



Base from author's field sheets, General Land Office plats and Grazing Service map.

Field mapping by W. H. Whittier and R. C. Becker, assisted by G. H. Horn, D. G. Vieaux and H. F. French in July and August, 1945.

Drafted by D. J. Fishburn and H. K. Erickson

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GEOLOGIC MAP AND SECTIONS OF THE BITUMINOUS SANDSTONE DEPOSITS IN THE P.R. SPRINGS AREA
GRAND AND UINTAH COUNTIES, UTAH

0 1 2
SCALE IN MILES

U. S. Geological Survey
OPEN FILE REPORT
This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.