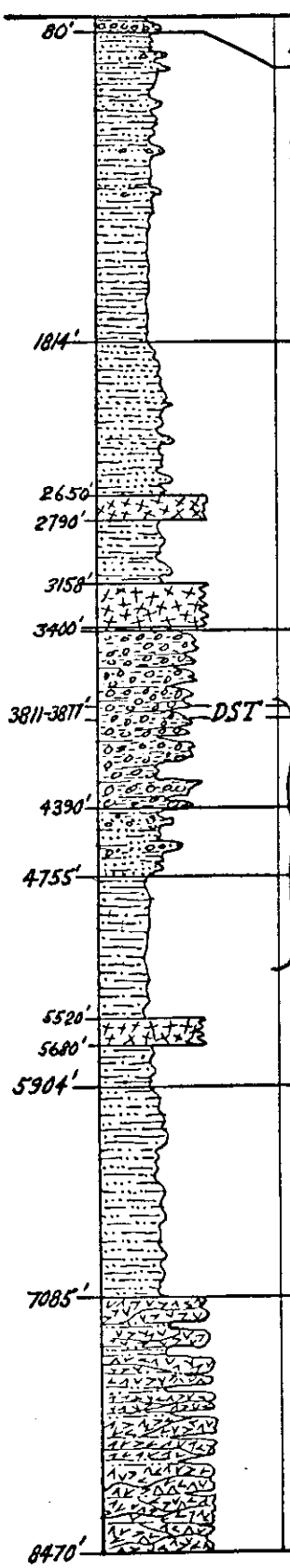
GULF OIL CORP.
T. J. Porter - 1
Sec. 27-13S-4W
283'K.B. 8470'T.D.
Spud 10/9/63
Abnd 1/10/64

GENERALIZED WELL SECTION



ALLUVIUM; Quaternary, 27' of clay over 53' of pebble gravel.

U N C O N F O R M I T Y

EUGENE FORMATION; Lower Oligocene, marine, tuffaceous clayey siltstone, with few thin tuffaceous sandstone and fine pebble beds in upper part. Easily drilled. All tight, no oil or gas shows. 1734 ft thick.

P R O B A B L Y C O N F O R M A B L E

SPENCER FORMATION; Upper Eocene, marine in part, interbedded, clayey, volcanic sandstone, tuffaceous sandstone, and siltstone, largely impermeable, moderately hard drilling. No oil shows. 2941 ft thick (2569 ft excluding intrusive basalts).

Volcanic-basaltic pebble-cobble conglomerate unit; cemented with zeolites quartz and calcite, probably part non-marine, hard, tight, with few thin sandstone and siltstone interbedded zones.

GAS SHOWS: all methane ditch gas, thin zones, possibly fracture permeability, DST at 3811; rec saltwater with 98% N_2 gas.

U N C O N F O R M I T Y

YAMHILL FORMATION; Upper Eocene, marine, shaley siltstone, rather uniform lithology, tough to hard drilling. 1149 ft thick (989 ft excluding olivine diabase intrusive).

U N C O N F O R M I T Y

TYEE FORMATION; Middle Eocene, marine, sandy shaley siltstone, tough to dominantly hard. No oil or gas shows. 1181 ft thick.

EXTRUSIVE CONTACT - CONFORMABLE SEQUENCE ?

SILETZ RIVER VOLCANICS; Middle Eocene, submarine extrusives, hard, greenish-black, altered, zeolitized basalt flows, with a few hard, tight siltstone interflow beds, volcanic. No oil or gas shows 1385 ft drilled.

T O T A L D E P T H

P. S. D. 2/26/64