

unsurveyed territory, the location must be staked by the applicant personally, and personal application must be made to the mining recorder for a lease. Such location must be marked on the ground by two legal posts, one at each end of the longest dimension, and a line must be marked out joining the posts. In surveyed territory, personal application only is necessary. The lease conveys the coal-mining rights only, but surface rights necessary for purposes of operation may be obtained by arbitration in the case of lands already disposed of, or under lease from the Crown if vacant. There is no limit to the area which may be acquired by assignment.

Petroleum and Natural Gas.—The maximum area which may be acquired under application by one applicant is 1,920 acres, but any area may be acquired by assignment. The location shall be personally staked and applied for in the same manner as coal, and drilling operations shall be commenced within 15 months of the date of the lease. The rental for the first year is 50 cents an acre, but an applicant may obtain a prospecting permit for a period of one year on payment of rental at 10 cents an acre and a cash deposit of 40 cents an acre, on condition of actual prospecting operations being conducted on the location during the year to an amount equivalent to the cash deposit. If evidence of the prescribed expenditure is submitted and accepted, the amount of the cash deposit shall be returned to the permittee upon termination of the permit, or he may be granted credit therefor on account of rental. If, however, the required expenditure is not incurred, the amount of the cash deposit shall be subject to forfeiture. Rental for subsequent years is at the rate of \$1 an acre, but if drilling operations are conducted, the expenditures so incurred may be accepted in satisfaction of rentals for the second and third years and, under certain conditions, for the fourth and fifth years, until discovery of oil is made. Twenty thousand acres may be grouped by a lessee and represented by one drilling outfit. Royalty varying from 2½ p.c. to 10 p.c. of the value of the product may be imposed. In the Northwest Territories a preliminary permit may be obtained to prospect an area of 2,560 acres, rental payable on one-half of the area only. Upon discovery of oil being made, a final lease of one-half the area acquired, to be selected by the permittee, will be issued.

Placer.—Claims 500 feet long and from 1,000 to 2,000 feet wide, according to location, may be staked out and acquired by any person more than 17 years of age. Claims to be marked by two legal posts, one at each end, and the line joining them marked. Creek claims are staked along the base-line of the creek, and extend 1,000 feet on each side. River claims are 500 feet on one side of the river, and extend back 1,000 feet. Other claims are staked parallel to the creek or river on which they front, 500 feet long by 1,000 feet. Expenditure in development of each claim to be incurred and proved each year, \$200 in the Yukon Territory and \$100 elsewhere. Royalty 2½ p.c.

Alkali.—Comprising natural surface accumulations of soluble mineral salts and associated marls, occurring at or near the surface. Area which may be leased, 1,920 acres. Term of lease, 20 years, renewable. Fee, \$10 for the issue of a lease. Rental, 25 cents an acre per annum. The lessee shall expend in actual development or improvements on the property leased not less than \$10,000 during the first three years of the term of the lease. Not less than \$2,500 shall be so expended during the first and during the second years of the term. Royalty, from 12½ cents to 25 cents a ton of salts shipped.