

Should any well drilled on the land above described be a dry hole or cease to produce and there are no other producing well or wells on the land or drilling operations are not being conducted thereon, then and in that event if a well is not commenced before the next ensuing rental-paying date after the expiration of ninety (90) days from the date of such dry hole or cessation of production, this lease shall terminate as to both parties, unless the lessee, on or before the rental-paying date next ensuing after the expiration of ninety (90) days from the date of the completion of the dry hole or cessation of production, shall resume the payment of rentals in the same amount and in the same manner as hereinbefore provided, and it is agreed upon resumption of the payment of rentals, as above provided, the last preceding paragraph hereof, governing the payment of rentals and the effect thereof, shall continue in force as though there had been no interruption in the rental payment. If a dry hole should be drilled or if production ceases at any time subsequent to ninety (90) days prior to the beginning of the last year of the primary term, no rental payment or operations are necessary in order to keep the lease in force during the remainder of the primary term.

If at any time, either before or after the expiration of the primary term of this lease, there is any gas well on the lands covered hereby, or on other lands with which said lands are pooled or unitized, which is capable of producing in paying quantities, but which is shut-in either before or after production therefrom, and the production therefrom is not being sold or used, lessee agrees to pay or tender to the mineral owners in the depositary bank named in the lease, as royalty, a sum equal to the amount of delay rentals payable under this lease. Such payments shall be made on or before the shut-in royalty payment date, as herein defined, next accruing after the expiration of ninety (90) days from the date the well was shut-in, unless prior to such date gas from the well is produced and sold or used. In like manner, on or before each succeeding shut-in royalty payment date while such gas well remains shut-in, lessee shall make payment of shut-in gas royalty in the same amount and manner. A shut-in gas well capable of producing in paying quantities shall be considered under all provisions of this lease as a producing well and this lease shall be in force and effect in like manner as though the gas therefrom were actually being produced and sold or used. The term "gas well" shall include wells capable of producing natural gas, condensate, distillate, or any gaseous substance, and wells classified as gas wells by any governmental authority. The term "shut-in royalty payment date" shall mean any rental-paying date of this lease if within the primary term, or any subsequent anniversary thereof, if after the primary term, or any anniversary date of this lease if no rental-paying date is specified herein.

If said lessor owns a less interest in the above described land than the entire and undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the lessor only in the proportion which his interest bears to the whole and undivided fee. However, such rentals shall be increased at the next succeeding rental anniversary after lessee has been notified of any reversion having occurred to cover the interest so acquired.

Lessee shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells and reservoirs of lessor. Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing.

Lessee shall pay for damages caused by its operations to growing crops on said lands. When requested by the lessor, lessee shall bury his pipe lines below plow depth. No well shall be drilled nearer than 200 feet to the house or barn now on said premises, without the written consent of the lessor.

Lessee shall have the right to drill to completion with reasonable diligence and dispatch (1) any well commenced within the term of this lease and (2) any well commenced before the completion of a well which has been commenced within such term. If oil and gas or either of them be found in paying quantities in any such well, this lease shall continue and be in force with like effect as if such well had been completed within the term of years herein first mentioned.

Lessee is hereby granted the right and power to pool or combine the acreage covered by this lease, or any portion thereof, with other land, leases or leases in the vicinity thereof at any time and from time to time, whether before or after production, when in Lessee's judgment it is necessary or advisable to do so for the prevention of waste and the conservation and greatest ultimate recovery of oil or gas. Such pooling shall be into a unit or units not exceeding in area the acreage prescribed or required in any Federal or State law, order, rule or regulation for the drilling or operation of one well, or for obtaining the maximum allowable production from one well, or 40 acres each for the production of oil, or 640 acres each for the production of gas, whichever is the larger, plus a tolerance over the maximum area of 40 acres for the production of oil or 640 acres for the production of gas to include additional acreage in any irregular governmental subdivision or lot or portion thereof. Such pooling shall be effected by Lessee's executing and filing in the office where this lease is recorded an instrument identifying and describing the pooled acreage. The production of pooled substances and development and operation on any portion of a unit so pooled, including the commencement, drilling, completion and operation of a well thereon, shall be considered and construed, and shall have the same effect, except for the payment of royalty, as production, development and operation on the leased premises under the terms of this lease. The royalties herein provided shall accrue and be paid to Lessor on pooled substances produced from any unit in the proportion, but only in the proportion, that Lessor's acreage interest in the land covered hereby and placed in the unit bears to the total acreage in the land placed in such unit.

If the estate of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors or assigns, but no change in the ownership of the land or assignment of rentals or royalties shall be binding on the lessee until after the lessee has been furnished with a written transfer or assignment or a certified copy thereof; and it is hereby agreed in the event this lease shall be assigned as to a part or parts of the above described lands and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease in so far as it covers a part or parts of said lands which the said lessee or any assignee thereof shall make due payment of said rentals. An assignment of this lease, in whole or in part, shall as to the extent of such assignment relieve and discharge the lessee of all obligations hereunder.