lessor as royalty the sum of ten per cent of the value, on the leased premises, of all crude oil extracted from the said land, and if the parties do not, before the tenth day of the month succeeding its extraction, agree upon the value of the crude oil on the leased premises, the value thereof shall finally be determined under the direction of the Secretary of the Interior in such manner as he shall prescribe, and to pay the royalty accruing for any month on or before thetwenty fifth day of the month succeeding and where the value of the crude oil fluctuates, the average value during the month shall constitute the criterion in computing the royalty, and to pay in yearly payments, at the end of each year, such royalty on each gas producing well as the Secretary of the Interior may prescribe, the lessor to have free the use of gas for lighting and warming his residence on the premises. But failure on the part of the lessee to use a gas producing well where the same cannot be reasonably utilized at the rate so prescribed shall not work a forfeiture of this lease so far as the same relates to mining oil.

And the party of the second part, further agrees and binds itself its successors and assigns to pay or cause to be paid to the lessor, as advanced annual royalty on this lease, the sums of money as follows, to-wit: Fifteen cents per acre per annum, in advance, for the first and second years; Thirty cents per acre per annum in advance, for the third and fourth years; and seventy fivecents per acre per annum in advance, for the fifth and each succeeding year, thereafter of the term for which this lease is to run; it being understood and agreed that said sums of money so paid shall be a credit on the stipulated royalties should the same exceed such sums paid as advanc ed royalty, and further, that should the party of the second part neglect or refuse to pay such advanced annual royalty for the period of sixt y days after the same becomes due and payable then this lease shall, at the option of the lessor, be null and void, and all royaltes paid in advance shall become the money and property of the lessor.

The party of thesecond part further sovenantwand agreed to exercise diligence in the sinking of wells for oil and natural gas on the lands covered by this lease, and to opeate the same in a workmanlike manner to the fullest possible extent, unavoidable casualties excepted, to commit nowaste upon the said land, and to suffer no waste to be committed upon the portion in his occupancy or use, to take good care of the same, and to promptly surrender and return the premises upon the termination of this lease to the party of the first part or to whomsoever shall be lawfully entitled thereto, and nto to remove therefrom any buildings or improvments erected thereon during the said term by the said party of thesecond part, but said buildings and improvements shall remain a part of said land and become the property of the owner of the land as a part of the consideration for this lease, in addition to the other consderations herein specified, excepting that tools, boilers, boiler houses, pipe lines, pumpting and drilling outfits, tanks, engines and machinery, and the casing of all dry or exhausted wells, shall remain the property of the said party of the second part, and may be removed at any time before the expiration of sixty days from the termination of the lease, that it will not permit any nuisance to be maintained on the premises under his control nor allow any intoxicating liquors to be sold or given away for any purposes on such premises, that zi willnot use such premises for any other purpose than that authorized in this lease, and that before abandoning any well it will securely plug the same so as to effectually shut off all

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