Township Twenty-two (22) North, Range Fourteen (14) East, lying west of the Atchison, Topeka & Santa Fe Railway and more accurately described as follows:

Beginning at a point on the section line between Sections seventeen (17) and Twenty (20) at the intersection of said section line with the West Line of the right of way of the Atchison, Topeka & Santa Fe Railway, thence west along said section line a distance of 172.6 feet, thence south a distance of 1320 feet, thence east a distance of 328.3 feet, thence northwesterly at an angle a distance of 570 feet, thence easterly a distance of 262 feet, to the intersection of the west line of the right of way of the Atchison, Topeka & Santa Fe Railway, thence northwesterly along said right of way line to point of beginning, containing approximately 10.4 acres; also the North Half (N½) of the Northwest Quarter (NW¼) of the Northeast Quarter (NE¼) of Section Twenty (20), Township Twenty-two (22) North, Range Fourteen (14) East, containing twenty acres; and also that portion of the Northeast Quarter (NE¼) of the Southeast Quarter (SE¼) of the Northeast Quarter (NE¼) of Section Twenty (20), Township Twenty-two (22) North, Range Fourteen (14) East, lying west of the right of way of the Atchison, Topeka & Santa Fe Railway, containing 4.47 acres more or less.

2. This lease shall remain in force for a term of five (5) years and as long thereafter as oil, gas, casinghead gas, casinghead gasoline, or any of them is or can be produced.

3. The lessee shall deliver to the credit of the lessor as royalty, free of cost, in the pipe line to which lessee may connect its wells the equal one-eighth part of all oil produced and saved from the leased premises, or at the lessee's option, may pay to the lessor for such one-eighth royalty the market price for oil of like grade and gravity previling on the day such oil is run into the pipe line, or into storage tanks.

4. The lessee shall pay to lessor for gas produced from each well where gas only is found, one-eighth of the proceeds of the sale of such gas as is sold by the lessor and one-eighth of the market value of such gas as is used off the premises but not sold. The lessor to have gas free of charge from any gas well on the leased premises for all stoves and inside lights in the principal dwelling house on said land by making his own connections with the well, the use of said gas to be at the lessor's sole risk and expense at all times.

5. The lessee shall pay to lessor for gas produced from any oil well and used by the lessee for the manufacture of gasoline , as royalty, one-eighth of the market value of such gas. If said gas is sold by the lessee, then as royaltyone-eighth of the proceeds of the sale thereof.

6. Unless operations for the drilling of a well for oil or gas are commenced on said lands on or before six (6) months from the date of this lease, this lease shall automatically terminate as to both parties; PROVIDED, that if the first well drilled on said premises is a dry hole, the lessee shall have six (6) months after the cessation of the drilling of said well within which to commence the second well, but if said well is not commenced within six (6) months this lease shall automatically terminate as to both parties; and thereafter, in like manner, by commencing the drilling of a well within six (6) months from the cessation of the drilling a dry hole this lease may be continued in full force and effect until the expiration of five (5) years from the date hereof.

7. Notwithstanding the death of the lessor, or his successor in interest, the payment or tender of rentals in the manner provided shall be binding on the heirs, devisees, executors and administrators of such person.