

BEFORE THE STATE OIL AND GAS BOARD OF ALABAMA

PURSUANT TO A DECISION RENDERED AS A RESULT OF A REGULAR SESSION OF THE STATE OIL AND GAS BOARD ON FEBRUARY 23, 1972 AT TUSCALOOSA, ALABAMA, THE FOLLOWING ORDER IS HEREBY PROMULGATED BY THE STATE OIL AND GAS BOARD OF ALABAMA

IN RE: ORDER NO. 72-8

THIS DAY THIS CAUSE came on for hearing before the State Oil and Gas Board of Alabama on the petition of Humble Oil & Refining Company requesting authority of this Board to recomplete its L. G. Crosby No. 1 Well in the Pollard Field, Escambia County, Alabama, a non-producing oil well, to convert said well for utility as Humble's Pollard Salt Water Disposal System No. 1, Well No. 5, and to operate said well as so converted for the disposition of salt and other water produced from sources delineated below, at which time the Board heard all persons who were present and desired to be heard on said matter and all of the evidence of all of the witnesses and arguments of counsel, and being fully advised in the premises and after due consideration, further finds as follows:

I.

That due, proper and legal notice of the hearing of said cause at this meeting has been given in the manner and form and for the time required by law and the rules and regulations of this Board, and that due and legal proofs of publication of notice are on file with the Board, and that the Board has full jurisdiction of this cause and parties interested herein; and

II.

That said L. G. Crosby Well No. 1 was drilled and completed in 1952 to a total measured depth on the well's electric log of 6,097 feet and completed as a producer in the Moye Zone. The well produced from an interval at said measured depth from 5,849 feet to 5,854 feet but is no longer productive of oil. The well contains 9-5/8 inch OD casing set at said measured depth of approximately 514 feet cemented to surface,

and 5-1/2 inch OD casing set to total depth. The well is located approximately 520.2 feet South and approximately 660.8 feet West of the Northeast corner of Section 13, Township 1 North, Range 8 East, Escambia County, Alabama; and,

### III.

That Petitioner proposes to recomplete said well for disposal of salt and other water by pulling the tubing, rods and pump, setting a bridge plug at said measured depth of approximately 5,700 feet, and setting 10 feet of cement on top of the plug, perforating at certain intervals between said measured depths in said well of 5,100 feet to 5,450 feet, and setting 3-1/2 inch OD tubing on a production packer at said measured depth of about 5,000 feet. Petitioner proposes to inject salt and other water through said perforations into the Eutaw-Upper Tuscaloosa Sand, a salt water bearing formation having chlorides estimated to be as high as 70,000 ppm; and

### IV.

That Petitioner proposes to inject salt water into said well as a salt water input disposal well in connection with its Pollard Salt Water Disposal System No. 1. Petitioner intends to accumulate the salt water in stock tanks, skim the water and pump it into said well at a maximum pressure of 600 psi. Petitioner estimates that 3,000 barrels of water per day initially will be disposed of into said well, of which approximately 2,000 barrels will be produced from wells within the Pollard Field having approximately 100,000 ppm chlorides, about 300 barrels of which will be produced from wells in the Flomaton Field (whose production is processed in Petitioner's Flomaton Field Gas Treating Plant Facility) having chlorides estimated to be as high as 176,000 ppm, and approximately 700 barrels of which will be water from said Flomaton Plant used in the operation of the plant and essentially fresh in nature, except for small amounts of chemicals used for corrosion and algae control. It may be necessary at a later date for Petitioner to inject

substantial quantities of water in addition to the volumes described above into said well up to the capacity of the well to dispose properly of said water; and

V.

That the said injection interval is below all fresh water bearing zones and that injection proposed by the Petitioner in the above described well recompleted as outlined above will dispose of injected water efficiently into existing salt water bearing sands without damage to any fresh water bearing formations or hydrocarbon bearing formations, and that salt water bearing formations within said proposed injection interval are currently being used for salt water disposal purposes in the Pollard Field. The evidence shows that the proposed disposition will be in the interest of avoiding surface pollution.

IT IS, THEREFORE, HEREBY ORDERED by the State Oil and Gas Board of Alabama that Humble Oil & Refining Company be and it is hereby authorized to recomplete its L. G. Crosby Well No. 1 located as described above in the Pollard Field, Escambia County, Alabama, a non-producing oil well, to convert said well for utility as Humble's Salt Water Disposal System No. 1, Well No. 5, by recompleting and equipping same as hereinabove described, and to use same as so recompleted for the injection of salt and other water produced from sources as described above into salt water bearing formations occurring in said well between said measured depths of 5,100 feet to 5,450 feet in the quantities indicated above.

IT IS FURTHER HEREBY ORDERED by the State Oil and Gas Board of Alabama that the name of said well be and is hereby designated as Pollard Salt Water Disposal System No. 1, Well No. 5, and Humble Oil & Refining Company be and is hereby authorized to connect said well to its Pollard Salt Water Disposal System and to operate said well in connection with said disposal system.

ORDERED THIS the 23rd day of February, 1972.

STATE OIL AND GAS BOARD  
OF ALABAMA

By Drexel Cook, Chairman

By E. O. Eddins  
E. O. Eddins, Member

By Julian Maddox  
Julian Maddox, Member

ATTEST:

Philip C. LaMoreaux  
Philip C. LaMoreaux,  
Secretary