

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 569  
Order No. R-363

THE APPLICATION OF BUFFALO OIL  
COMPANY FOR PERMISSION TO INJECT  
WATER INTO THE BAISH POOL IN  
SECTIONS 21 AND 22, TOWNSHIP 17  
SOUTH, RANGE 32 EAST, NMPM, LEA  
COUNTY, NEW MEXICO FOR SECONDARY  
RECOVERY.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 20, 1953, before the Oil Conservation Commission of the State of New Mexico, hereafter referred to as the "Commission".

NOW, on this 17th day of September, 1953, the Commission, a quorum being present, having considered the application and exhibits attached thereto, and the testimony introduced at said hearing and being fully advised in the premises,

FINDS:

1. That due notice having been given as required by law, the Commission has jurisdiction of this cause and the persons and subject matter thereof.
2. That the application filed herein complies in all respects with the provisions of Rule 701 of the Rules and Regulations of the Oil Conservation Commission of the State of New Mexico.
3. That Buffalo Oil Company is the owner of the oil and gas lease upon which its Baish A 17 Y Well is located, 2310 feet from the north and 2310 feet from the east line of Section 21, Township 17 South, Range 32 East, NMPM, in Lea County, New Mexico; and Buffalo Oil Company made application to use said well as a proposed intake well for a secondary recovery program, by water flooding.
4. That the formation from which the wells are producing is the Yates sand in the Baish Pool, which produces from approximately 2350 feet; and all of the wells producing from the entire Baish Pool are located on acreage belonging to Buffalo Oil Company, and injection of water will not affect any other operator in that all of the other wells in the area are producing from other formations.

5. That said Buffalo Oil Company Baish A 17 Y Well pumps about 4 barrels of oil per day at this time and, by converting this well into a water-injection well, it is anticipated to benefit the recovery of oil in other wells producing from the Yates pay in the Baish Pool, and to test and determine the water flood possibilities.

IT IS THEREFORE ORDERED:

1. That the application of Buffalo Oil Company for permission to institute a secondary recovery program by injection water into the Yates sand formation in the Baish Pool in Lea County, New Mexico, be, and the same hereby is, approved, subject to like approval being had and obtained, from the United States Geological Survey.

2. That permission is hereby granted to Buffalo Oil Company to inject water into its Baish A 17 Y Well located 2310 feet from the north and 2310 feet from the east line of Section 21, Township 17 South, Range 32 East, NMPM, in Lea County, New Mexico, said water to enter into the Yates sand formation below the casing point in said well at 2302 feet, to a depth of approximately 2390 feet, all in accordance with the application of Buffalo Oil Company in this cause.

3. That monthly progress reports of the project shall be made to the Commission upon forms hereby authorized to be prescribed by the Commission, which form shall show rates of and amounts of water injected, actual production of oil and water and other pertinent information relating to the success or failure of the project.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

R. R. SPURRIER, Member and Secretary

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