

Railroad Commission of Texas

OIL AND GAS DIVISION

ARTHUR H. BARBECK
Chief Engineer

COMMISSIONERS
JIM C. LANGDON
Chairman
BEN RAMSEY
BYRON TUNNELL
FRED OSBORNE, Secretary



AUSTIN, TEXAS

October 2, 1968

MEMORANDUM TO THE COMMISSION:

Docket No. 6-58,848

IN RE:

Application of East Texas Salt
Water Disposal Company for Per-
mission to dispose of Salt Water
into its Bert Fields Well #3,
and Joe Zeppa Well #5, East Texas
Field, Smith and Rusk Counties.

DATE OF HEARING:

October 1, 1968

APPEARANCES:

Leo K. Walker for Applicant

The East Texas Salt Water Disposal Company requests approval to complete and utilize two wells in the East Texas Field as salt water disposal wells.

The two wells will be completed as follows:

1. A 15" hole will be drilled to 1150' and 10 3/4" 32.75# casing will be set at 1100' and cement circulated back to the surface with 550 sacks of cement.
2. A 9 7/8" hole will be drilled to -3320' subsea at which point the hole size will be reduced to 6" and drilled through the woodbine sand.
3. An electric log will be run and a casing seat will be selected below a shale break below -3320'. Approval of the Railroad Commission Office will be secured before running casing.
4. The 6" hole will be reamed to 9 7/8" to the select casing seat and 7" OD 23# casing will be run to the casing seat and cemented with 250 sacks of cement.

This completion method is the same accepted procedure for East Texas Field disposal wells in the past.

The Fields treating and disposal system is located in Rusk County and is currently utilizing two disposal wells and disposing of an average of 15,000 barrels of salt water daily. The proposed Fields #3 well is 2000' from the nearest producing well and will be a replacement well for the Fields #1 disposal well which has developed mechanical problems and requires an excessive injection pressure. The #1 Fields well will be plugged and abandoned.

The Zeppa treating and disposal system is located in Smith County and is currently disposing of 29,000 barrels of salt water daily utilizing four disposal wells with no excess injection capacity. The proposed Zeppa No. 5 disposal well is located one mile from the nearest producing well. This well will serve as a relief well and provide excess injection capacity which is needed in the event of an emergency.

It appears to the writer that the two requested disposal wells are needed to provide additional disposal capacity and that damage will not be caused to producing properties in the East Texas Field.

Based on the evidence presented we recommend approval of the Fields well #3 and the Zeppa well #5 as salt water wells located in the East Texas Field.




Respectfully submitted,

Winston D. Tyler
Winston D. Tyler
Senior Staff Engineer

WDT:br

RECOMMENDATION APPROVED

RECOMMENDATION DENIED

	Chief Engineer	_____
	Chairman	_____
	Commissioner	_____
_____	Commissioner	_____

DCA 10-7-68

EFFECTIVE _____