

RICE Engineering & Operating, Inc.

Post Office Box 1142

Telephone (505) 393-74

HOBBS, NEW MEXICO 88240

June 1, 1967

AM 8 15

JUN 1 1967

WD-67

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. A. L. Porter, Jr.

Re: Vacuum SWD System

Gentlemen:

Rice Engineering & Operating, Inc. as operator of the Vacuum Salt Water Disposal System respectfully requests administrative approval for proposed salt water disposal well F-35, located 1986' FNL and 1982' FWL of Section 35, T17S, R35E, Lea County, New Mexico, as set out in Commission Order No. R-3079 dated June 15, 1966.

This application is filed in accordance with Rules 701-B and 701-C of the Commission Rules and Regulations. Form C-108, Application to Dispose of Salt Water by Injection into a Porous Formation, and related information is attached.

A copy of the application, complete with all attachments, has been sent to the State Engineer Office, Santa Fe, New Mexico.

Respectfully submitted,

RICE ENGINEERING & OPERATING, INC.

L. B. Goodheart

L. B. Goodheart
Division Manager

LBG/jp

Attachments

cc: State Engineer Office

NEW MEXICO OIL CONSERVATION COMMISSION

APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR Rice Engineering & Operating, Inc.		ADDRESS P. O. Box 1142, Hobbs, New Mexico	
LEASE NAME Vacuum Salt Water Disposal	WELL NO. F-35	FIELD Vacuum	COUNTY Lea
LOCATION UNIT LETTER F ; WELL IS LOCATED 1986 FEET FROM THE north LINE AND 1982 FEET FROM THE west LINE, SECTION 35 TOWNSHIP 17S RANGE 35E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13-3/8"	330'	350	circulated	
INTERMEDIATE	8-5/8"	3253'	400	1400'	Temp. survey
LONG STRING Proposed	5-1/2"	4890'	200	4390'	
TUBING Proposed	3-1/2"	4890'	NAME, MODEL AND DEPTH OF TUBING PACKER Floating oil blanket will be used to protect annulus		

NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 4630'	BOTTOM OF FORMATION 6435'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Plastic-lined tubing	PERFORATIONS OR OPEN HOLE? Open hole	PROPOSED INTERVAL(S) OF INJECTION 4890' to 5855'	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Abo test, PBTD 5855'		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No

LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH
None

DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 200'	DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA G.-S.A. 4,607' (-700')	DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA Glorieta 6435'
---	--	--

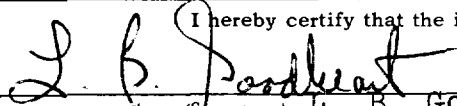
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 2000	MINIMUM 5000	MAXIMUM 5000	OPEN OR CLOSED TYPE SYSTEM Semi-closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Gravity	APPROX. PRESSURE (PSI) Vacuum
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MINERALIZED TO SUCH A DEGREE AS TO BE UNFIT FOR DOMESTIC, STOCK, IRRIGATION, OR OTHER GENERAL USE - Yes			WATER TO BE DISPOSED OF Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? No

NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)
State land, grazing lessee Mr. R. D. Lee, Lovington, N. M.

LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL

Phillips Petroleum Company, Phillips Building, Odessa, Texas
Cities Service Oil Company, Box 69, Hobbs, New Mexico
Jones Exploration Company, Box 1516, Midland, Texas

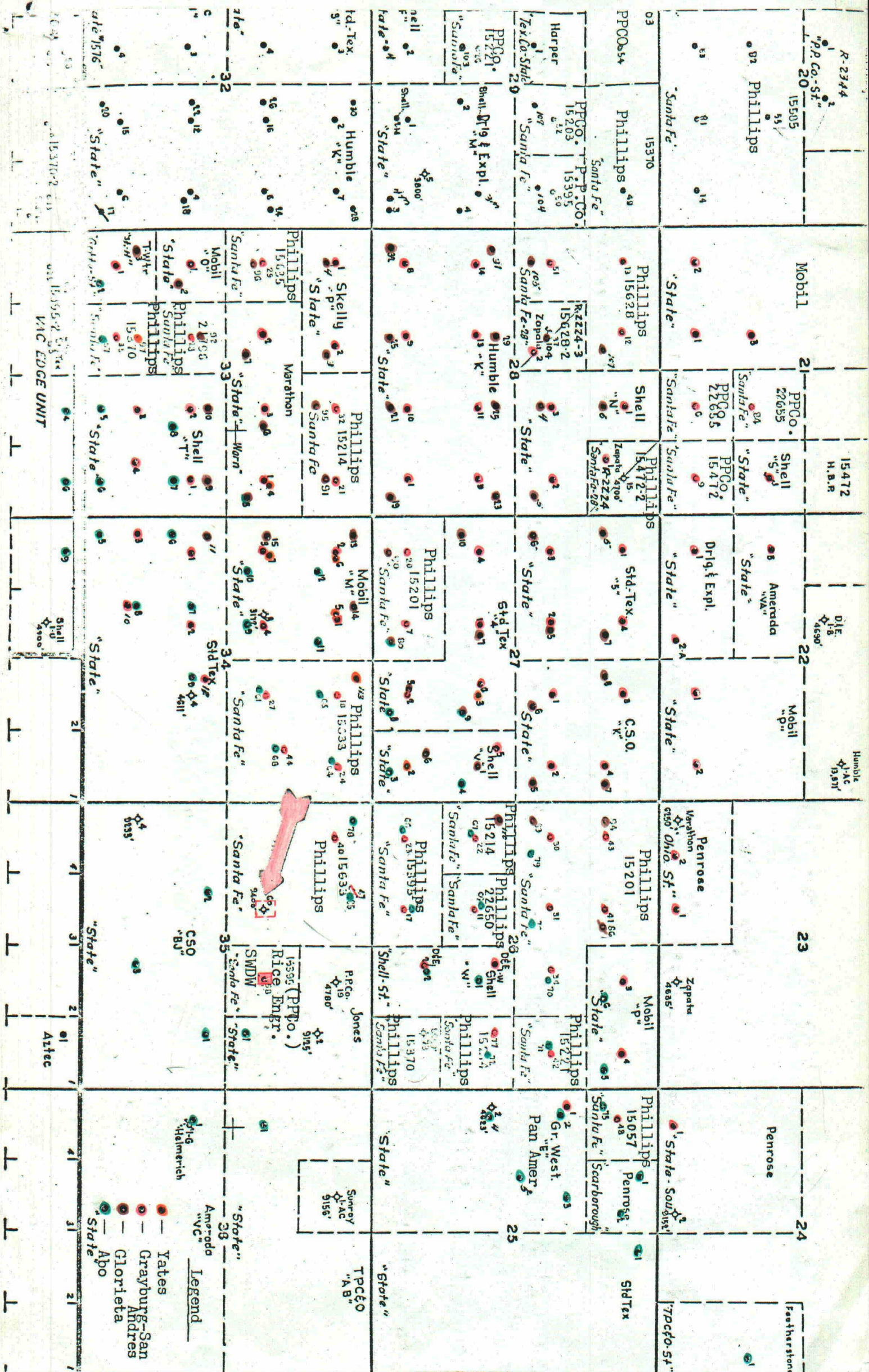
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? Yes	SURFACE OWNER Yes	EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	THE NEW MEXICO STATE ENGINEER Yes
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) Yes	PLAT OF AREA Yes	ELECTRICAL LOG Yes	DIAGRAMMATIC SKETCH OF WELL Yes

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
 **L. B. Goodheart** Division Manager **June 1, 1967**
(Signature) (Title) (Date)

NOTE: Should waivers from the State Engineer, the surface owner, and all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Commission will hold the application for a period of 15 days from the date of receipt by the Commission's Santa Fe office. If at the end of the 15-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 701.

ILLEGIBLE

DWN ----- -----	Rice Engineering & Operating, Inc. Hobbs, New Mexico	SCALE DWG NO.
-----------------------	---	----------------------



June 14, 1967

MAIN OFFICE

Rice Engineering & Operating, Inc.
P. O. Box 1142
Hobbs, New Mexico 88240

'67 JUN 15 AM 8 04

Attn. Mr. L. B. Goodheart
Division Manager

Gentlemen:

Receipt of a copy of your application (and attachments) seeking Oil Conservation Commission authorization to convert well F-35 in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 35, T. 17 S., R. 35 E., to salt water disposal use is gratefully acknowledged.

FEI/ma
cc-Oil Conservation Comm.

Yours truly,

S. E. Reynolds
State Engineer

By:

Frank E. Irby
Chief
Water Rights Div.