



TENNECO OIL COMPANY • P. O. BOX 1031 • 1800 WILCO BUILDING • MIDLAND, TEXAS 79701

September 24, 1968

Case 3898

Mr. A. L. Porter, Jr., Section - Director
Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico 87501

RE: Salt Water Disposal Application
Ginsberg-Federal No. 6 Well
Langlie-Mattix Field, Lea
County, New Mexico.

Dear Sir:

Attached is a New Mexico Oil Conservation Commission Form C-108 "Application to Dispose of Salt Water By Injection Into A Porous Formation." This form is completed for Tenneco Oil Company's Ginsberg-Federal No. 6 Well, Langlie-Mattix Field, Lea County, New Mexico. Our proposal is to convert this well to salt water disposal, in the Queen formation, to receive water produced from the Justis Blinbry Pool, Justis Fusselman Pool, and Langlie Mattix Pool. Tenneco's current water production from these three pools is approximately 150 barrels per day. We anticipate that this water will initially be disposed of at a vacuum, but have listed maximum expected rate at 500 barrels per day and the maximum expected pressure at 1,500 psig on the form. Current production from the Ginsberg-Federal No. 6 Well is zero barrels of oil and zero barrels of water per day by pump test.

Tenneco Oil Company requests that this application for salt water disposal be granted and approved inasmuch as there are no objections by offset operators; fresh water sands are protected by cemented surface casing, production casing and tubing set on a packer; disposal of water into the Queen formation will result in no loss of commercial oil; and such disposal will permit greater recovery of commercial oil from the Justis Blinbry, Justis Fusselman, and Langlie Mattix Pools.

Very truly yours,

TENNECO OIL COMPANY

F. J. McDonald
F. J. McDonald
District Superintendent

HNK:cw

Attachments

DOCKET MAILED

Date 10-11-68

TENNECO OIL COMPANY

September 24, 1968

cc: Oil Conservation Commission - w/attachments - Hobbs, New Mexico
USGS - w/attachments - Roswell, New Mexico
New Mexico State Engineer - w/attachments - Santa Fe, New Mexico

NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION

OPERATOR Tenneco Oil Company		ADDRESS P. O. Box 1031, Midland, Texas 79701	
LEASE NAME Ginsberg-Federal	WELL NO. 6	FIELD Langlie Mattix	COUNTY Lea
LOCATION UNIT LETTER <u>E</u> ; WELL IS LOCATED <u>1980</u> FEET FROM THE <u>N</u> LINE AND <u>660</u> FEET FROM THE <u>W</u> LINE, SECTION <u>31</u> TOWNSHIP <u>25-S</u> RANGE <u>38-E</u> NMPM.			

CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8-5/8"	1190'	450	Surface	Circulated
INTERMEDIATE					
LONG STRING	5-1/2"	3257'	150	2300'	Calculated
TUBING	2-3/8"	3246'	NAME, MODEL AND DEPTH OF TUBING PACKER None		
NAME OF PROPOSED INJECTION FORMATION Queen			TOP OF FORMATION 3258'		BOTTOM OF FORMATION 3341'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Open Hole	PROPOSED INTERVAL(S) OF INJECTION 3258' to 3341'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Production		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					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 850'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 175	MINIMUM 175	MAXIMUM 500	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Gravity if Possible	APPROX. PRESSURE (PSI) Max. 1500 psig
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 -			WATER TO BE DISPOSED OF Yes	NATURAL WATER IN DISPOSAL ZONE Yes	ARE WATER ANALYSES ATTACHED? Yes
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Mr. Tom Linebery - 802 South Main - Midland, Texas 79701					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL					
Ralph Lowe - Box 832 - Midland, Texas 79701					
Tidewater Oil Co. - Box 547 - Hobbs, New Mexico 88240					
Gulf Oil Corp. - Box 670 - Hobbs, New Mexico 88240					
Westates Pet. Co. - Box 55 - Jal, New Mexico 88252					
Pan American Pet. Corp. - Box 68 - Hobbs, New Mexico 88240					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	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)	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.

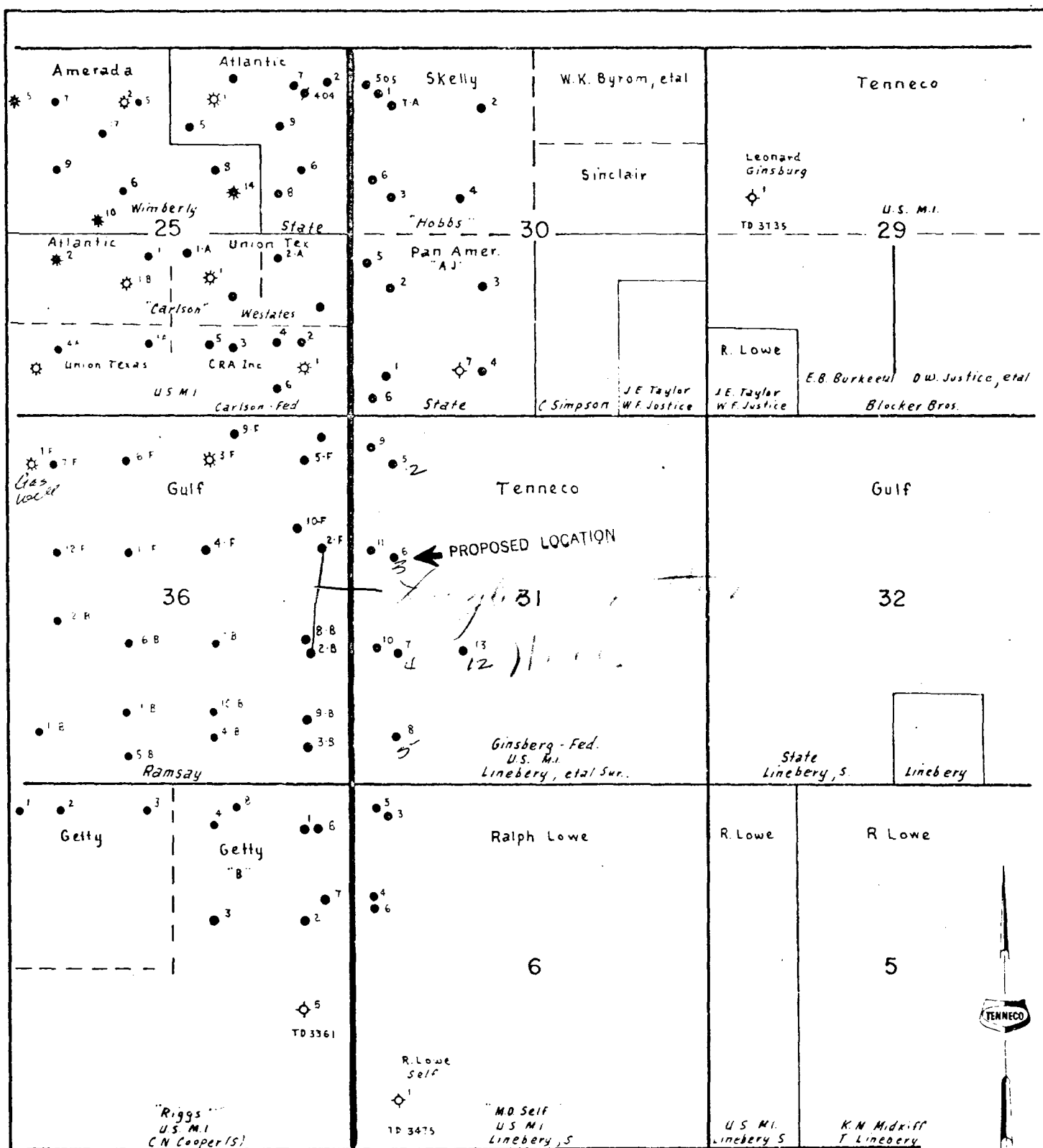
J. F. Carnes
(Signature) J. F. Carnes

District Production Engineer
(Title)

AUG 30, 1968
(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.

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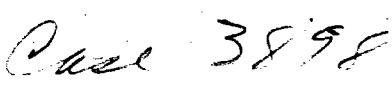


BEST AVAILABLE COPY

TENNECO OIL COMPANY
SUBSIDIARY OF TENNECO CORPORATION

GINSBURG FEDERAL LEASE
LEA CO., NEW MEXICO

ONLY AVAILABLE COPY



SCALE IN FEET

A horizontal scale bar with markings at 4000, 2000, 0, 4000, and 8000 feet. The bar is divided into segments by vertical tick marks. The segments are labeled with their respective distances in feet.

W A I V E R

To Whom It May Concern:

I, the undersigned, representing _____,
an offset operator to Tenneco Oil Company's Ginsberg-Federal Lease, Langlie
Mattix Field, Lea County, New Mexico, have no objections to Tenneco Oil
Company's application to convert the Ginsberg-Federal No. 6 well to Salt
Water Disposal in the Queen Formation between 3258' and 3341'. Said well
is located 1980' FNL and 660' FWL of Section 31, T-25-S, R-38-E, Lea County,
New Mexico.

Signature

Position

Company

Address

Date

Return to:
Tenneco Oil Company
P. O. Box 1031
Midland, Texas 79701
ATTENTION: Mr. F. J. McDonald

HNK:cw

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H/ HIBURTON DIVISION LABORATORY

HALLIBURTON COMPANY
LOVINGTON, NEW MEXICO

No. 11-65-65

LABORATORY REPORT

Date July 23, 1965

To Tenneco Oil Corporation
1800 Wilco Building
Midland, Texas

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Date Received 7-22-65

Well & Lease As Marked Depth Formation

Location Field Source

Ginsberg #8

Ginsberg #10

Specific gravity 60/60 °F 1.101

1.087

Color, filtrate Clear

Clear

pH 5.9

6.0

Resistivity ND

ND

°F ppm (mpl)

Chlorides, Cl 90,400

75,200

Sulfates, SO₄ 2,500

2,700

Alkalinity, HCO₃ 490

580

Calcium, Ca 7,120

8,640

Magnesium, Mg 1,020

440

Iron, Fe Nil

Nil

Sodium, Na* 49,865

39,815

Sulfides, H₂S Nil

Nil

Remarks API Gr. @ 60°F = Ginsberg #8 Blinebry = 38.1; Ginsberg #8 Queens = 37.9;

Ginsberg #7 (?) = 37.4; Ginsberg #10 (?) = 37.6; Ginsberg #11 Blinebry = 38.4

ppm equals Parts per million uncorrected or milligrams per liter

* includes Potassium as Na.

Laboratory Analyst

Brewer

Respectfully submitted

HALLIBURTON COMPANY

By

Rex L. Hammack, Jr., Division Chemist

NOTICE

This report is limited to the described sample tested. Any user of this report agrees that Halliburton shall not be liable for any loss or damage, whether due to act or omission, resulting from such report or its use.

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