

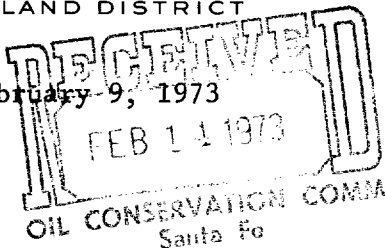
Gulf Oil Company - U.S.

EXPLORATION AND PRODUCTION DEPARTMENT
MIDLAND DISTRICT

W. B. Hopkins
DISTRICT MANAGER
J. L. Pike
DISTRICT PRODUCTION
MANAGER
J. A. Hord
DISTRICT EXPLORATION
MANAGER
M. B. Moseley
DISTRICT SERVICES MANAGER

P. O. Drawer 1150
Midland, Texas 79701

February 9, 1973



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

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

Gentlemen:


This is to advise that Gulf Oil Corporation has been given due notice that Union Oil Company of California is requesting permission to dispose of produced water by injecting into the San Andres-Glorieta formations of their Gulf-Federal Well No. 1-12, Morton Lower Wolfcamp Field, Lea County, New Mexico. We have no objection to the granting of this application for the above well which is located:

1980 feet from the North Line and
660 feet from the East Line of
Section 12, T-15S, R-34E, Lea
County, New Mexico.

Executed this 9th day of February, 1973.

Yours very truly,

GULF OIL CORPORATION

BY 
W. C. PALMER
District Engineer

FWT:jmc



Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731

Mailing Address: P. O. Box 671
Midland, Texas 79701



SWD - 135

Due Feb 23

Midland District

February 1, 1973



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

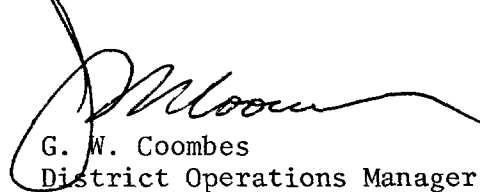
Gentlemen:

Gulf-Federal Well No. 1-12
1980' FNL & 660' FEL of Section 12,
T-15-S, R-34-E, Lea County, New Mexico

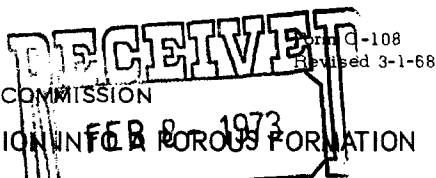
Enclosed are copies of Form C-108, "Application to Dispose of Salt Water by Injection into a Porous Formation", and other necessary data to support Union's request for permission to dispose of salt water in the San Andres-Glorieta formations of the above captioned well.

Requests for waivers and a copy of this application have been submitted to the State Engineer, the surface owner, and the offset operators.

Very truly yours,


G. W. Coombes
District Operations Manager

GWC:sd
Enclosures



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

OPERATOR Union Oil Company of California		ADDRESS P. O. Box 671 - Midland, Texas 79701	
LEASE NAME Gulf Federal	WELL NO. 1	FIELD Morton Wolfcamp	COUNTY Lea
LOCATION UNIT LETTER H ; WELL IS LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 12 TOWNSHIP 15 South RANGE 34 East NMMP.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	11-3/4"	376'	300	Surface	Circulated
INTERMEDIATE	8-5/8"	4,621'	500	2,575'	Calculated
LONG STRING	5-1/2"	10,703'	400	7,000'	Calculated
TUBING	2-3/8"	4,575'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Lock-Set 4,575'		
NAME OF PROPOSED INJECTION FORMATION San Andres - Glorieta		TOP OF FORMATION 4,582'		BOTTOM OF FORMATION 6,740'	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLE? Open Hole		PROPOSED INTERVAL(S) OF INJECTION 4,621' - 6,890'	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Well		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? Yes	
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH 10,602'-607' CIBP @ 10,580'; 10,500'-504', sq. w/ 50 sx; 10,417'-424', sq. w/ 50 sx; 10,338'-349' CIBP @ 10,308' w/ 35' cement on top. Cut 5-1/2" Csg @ 7000' w/ 50 sx 7050'-6890'.					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 240'		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 10,338'	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 500	MINIMUM 1,000	MAXIMUM 1,000	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 500
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) Mrs. P. E. Roddy - 3110 Third St. - Lubbock, Texas 79400					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL					
J. M. Huber Corporation - 1900 Wilco Building - Midland, Texas 79701					
Gulf Oil Company - U. S. - P. O. Box 1150 - Midland, Texas 79701					
Joe Schutz - P. O. Box 973 - Santa Fe, New Mexico 87501					
W. C. Montgomery - 216 West Building - Midland, Texas 79701					
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			
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.

District Drilling Superintendent

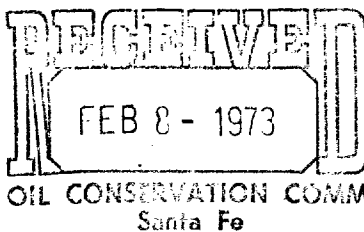
February 2, 1973

(Signature)

(Title)

(Date)

NOTE: Should waivers from 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.



GULF FEDERAL WELL NO. 1-12

Morton (Lower Wolfcamp) Field
Lea County, New Mexico

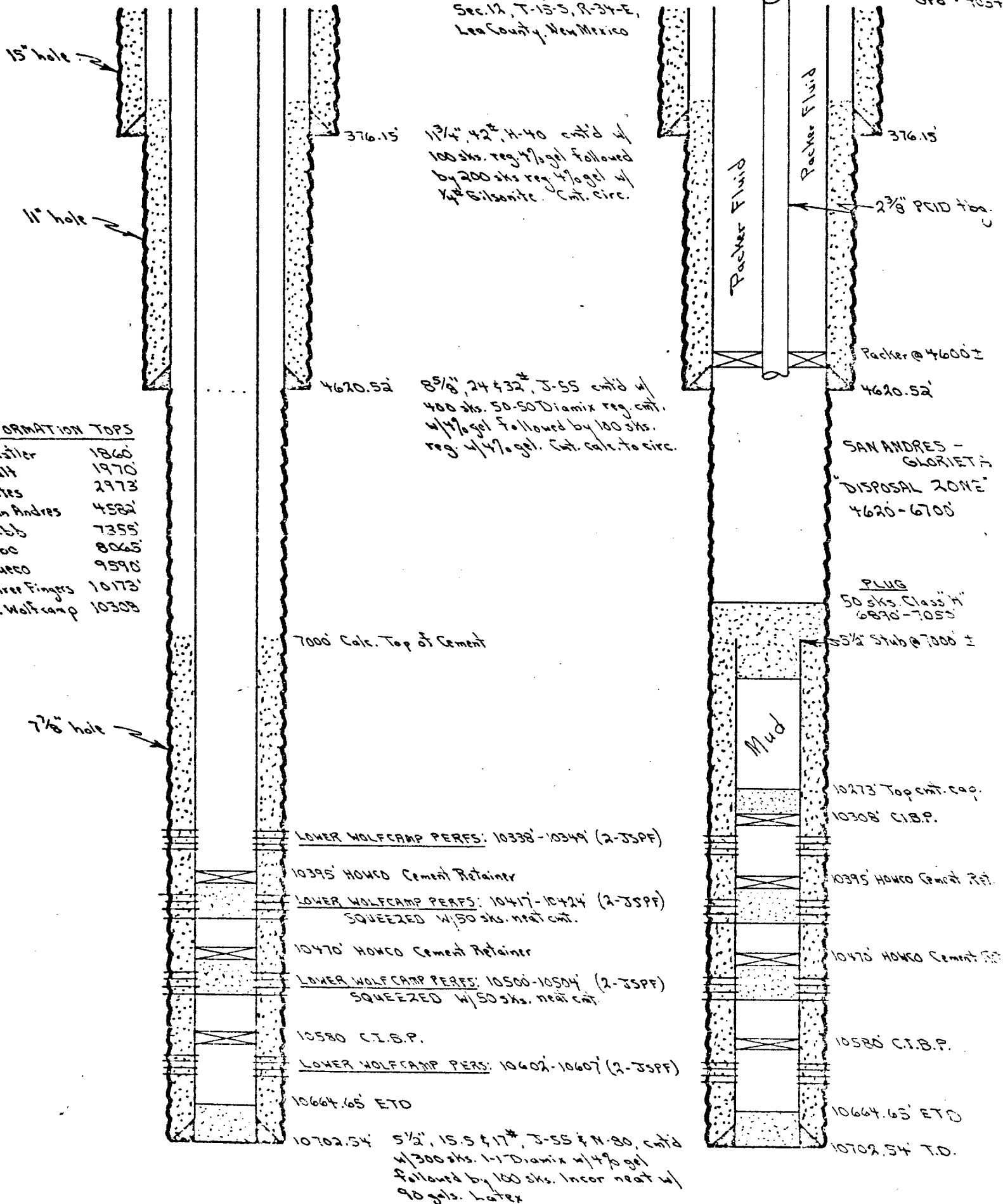
Wing
2-1-73

BEFORE

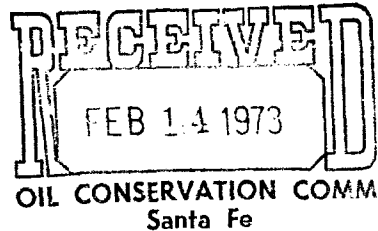
LOCATION: 1980 FNL & 660 FEL
Sec. 12, T-13-S, R-34-E,
Lea County, New Mexico

AFTER

Elev. KOB = 4573
Grd = 4057



Morton Field plat
showing ownership
and All producing
wells within a Two
Mile Radius



W A I V E R

As offset operator to Union Oil Company of California's Gulf-Federal Well No. 1-12, located 1980' FNL & 660' FEL of Section 12, T-15-S, R-34-E, Lea County, New Mexico, in the Morton Lower Wolfcamp Field, we waive objection to their application to dispose of salt water by injection into the San Andres-Glorieta formations of this well.

W. L. Montgomery
Company

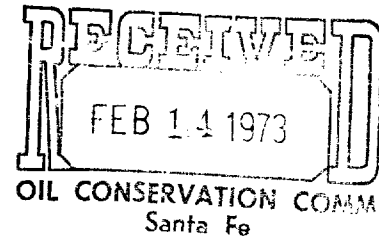
By

2/16/73
Date

Return to:

Union Oil Company of California
Attention: Mr. G. W. Coombes
P. O. Box 671
Midland, Texas 79701


RECEIVED
FEB 16 1973
OIL CONSERVATION COMM



W A I V E R

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J.M. HUBER CORPORATION
Company


By James R. Sutherland
District Production Supt.

February 6, 1973
Date

Return to:

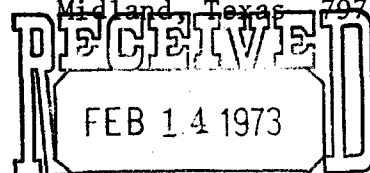
Union Oil Company of California
Attention: Mr. G. W. Coombes
P. O. Box 671
Midland, Texas 79701

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731

Mailing Address: P. O. Box 671
Midland, Texas 79701

union 76



OIL CONSERVATION COMM
Santa Fe

Midland District

February 1, 1973

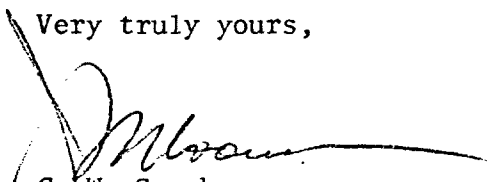
Mr. Joe Schutz
P. O. Box 973
Santa Fe, New Mexico 87501

Gentlemen:

Union Oil Company of California is making application to the New Mexico Oil Conservation Commission to dispose of salt water by injection into the San Andres-Glorieta formations of their Gulf-Federal Well No. 1-12, Morton Lower Wolfcamp Field, Lea County, New Mexico.

If you have no objection to the above application, we would appreciate your executing the attached waiver and returning one copy to us at your earliest convenience.

Very truly yours,


G. W. Coombes
District Operations Manager

GWC:sd
Attachment

My State Lease WAS Assigned to

*W. C. Montgomery ✓
216 West Bk.
Midland, TEX*

Joe Schutz