

Union Oil Company of California
500 N. Marienfeld, Midland, Texas 79701
Telephone (915) MU 2-9731



Midland District

October 9, 1969

OCT 14 1969
SWD - 107

Rec'd Oct 27

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

Gentlemen:

Owens Well No. 2
2310 FSL, 990 FEL, Sec. 34, Blk I,
14-S, 35-E, East Morton Field
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 formation 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 operator.

Very truly yours,

UNION OIL COMPANY OF CALIFORNIA

A handwritten signature in cursive script, appearing to read "G. W. Coombes".

G. W. Coombes
District Operations Manager

JNP:rb
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 Box 671, Midland, Texas 79701	
LEASE NAME Owens	WELL NO. 2	FIELD Morton Wolfcamp East	COUNTY Lea
LOCATION UNIT LETTER <u>I</u> ; WELL IS LOCATED <u>2310</u> FEET FROM THE <u>south</u> LINE AND <u>990</u> FEET FROM THE <u>east</u> LINE, SECTION <u>34</u> TOWNSHIP <u>14-S</u> RANGE <u>35-E</u> NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	11-3/4"	401'	250	Surface	Circulation
INTERMEDIATE	8-5/8"	4635'	400	2635'	Calculation
LONG STRING					
TUBING	2-3/8"	4575'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Lock-Set 4575'		
NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 4685'		BOTTOM OF FORMATION 6135'	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLES? Open hole	PROPOSED INTERVAL(S) OF INJECTION 4635' - 6102'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Wolfcamp Oil Well		HAS WELL EVER BEEN PERFORMED 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 405'		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 10,640'	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 100	MINIMUM 100	MAXIMUM 500	OPEN OR CLOSED TYPE SYSTEM 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 -		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) Bobby Field, Bronco, Texas					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Union Oil Company of California, Box 671, Midland, Texas 79701 The Superior Oil Company, Box 1900, 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	
				THE NEW MEXICO STATE ENGINEER 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. D. Parker
(Signature)

Petroleum Engineer
(Title)

October 1, 1969
(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.

Union Oil Company of California

500 N. Marienfeld, Midland, Texas 79701

Telephone (915) MU 2-9731



100-111

Midland District

October 10, 1969

Mr. D. S. Nutter
Chief Engineer
P. O. Box 2088
Santa Fe, New Mexico 87501

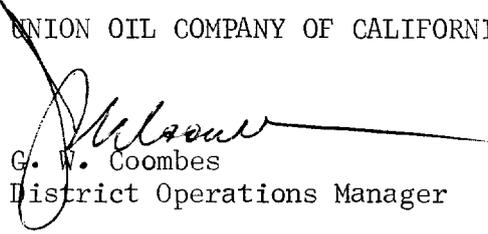
Dear Mr. Nutter:

Union Oil Company of California is making application to the New Mexico Oil Conservation Commission to dispose of salt water by injection into their Owens No. 2 well, East Morton Field, Lea County, New Mexico.

If you have no objection to this application, please return one executed copy of the attached waiver to this office at your earliest convenience.

Very truly yours,

UNION OIL COMPANY OF CALIFORNIA

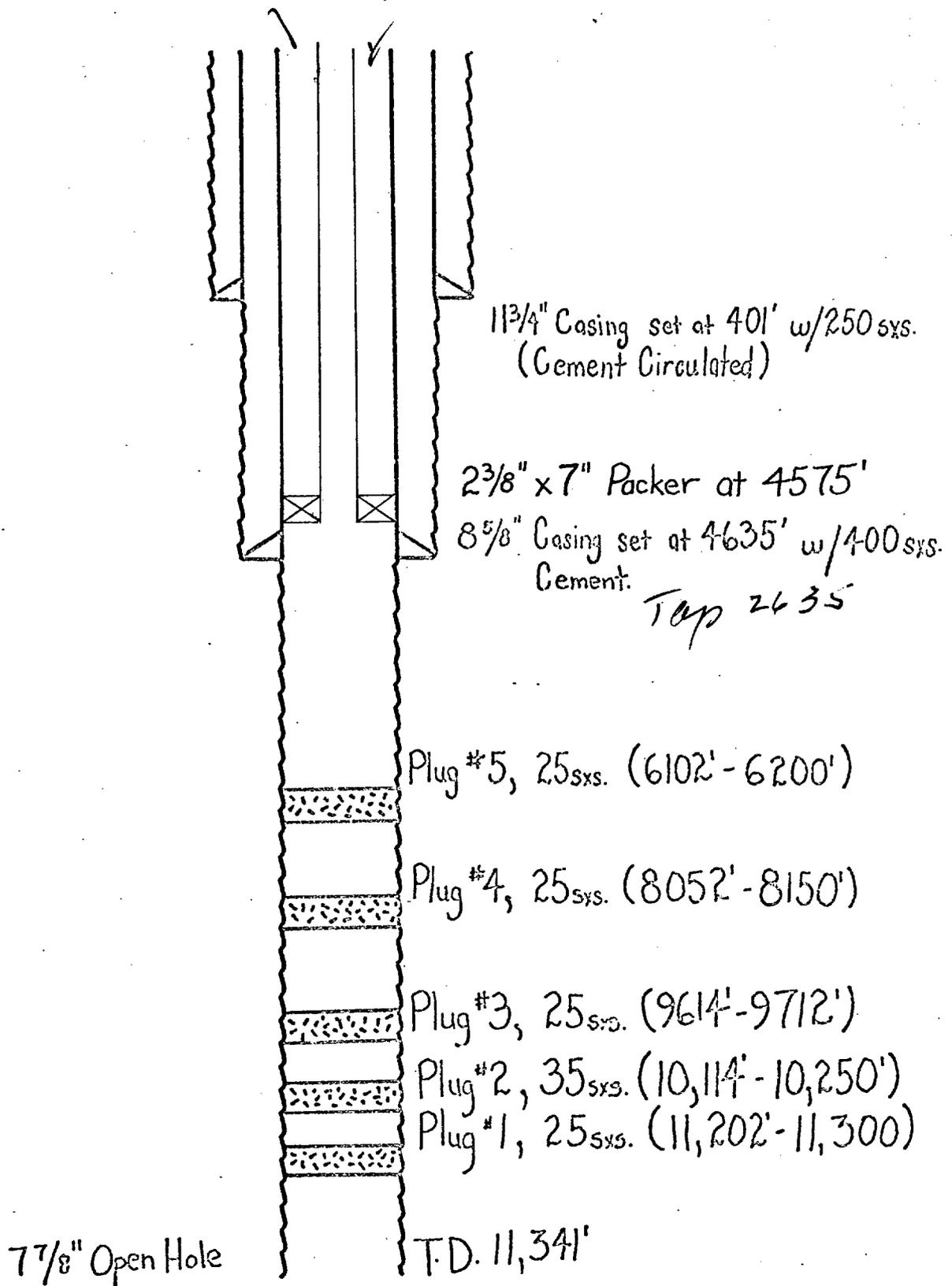


G. W. Coombes
District Operations Manager

JNP:rb

Attach.

OWENS WELL NO.2
EAST MORTON FIELD



W A I V E R

As State Engineer of New Mexico, I waive objection to Union Oil Company of California's application to dispose of salt water by injection into the San Andres formation of their Owens No. 2 well located 2310 FSL, 990 FEL, Sec. 34, Blk I, 14-S, 35-E, East Morton Field, Lea County, New Mexico.

By

Date

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE