

N.L. MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR New Mexico Salt Water Disposal Co., Inc. Box 566, Roswell, New Mexico 88201		ADDRESS	
LEASE NAME Ainsworth	WELL NO. 1	FIELD Vada (Pruitt) Penn	COUNTY Ira
LOCATION UNIT LETTER <u>H</u> ; WELL IS LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>19</u> TOWNSHIP <u>9S</u> RANGE <u>34E</u> NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING					
13-5/8		350	Circ		
INTERMEDIATE					
8-5/8		4000	"		
LONG STRING					
5-1/2		9882	300	3280	Survey
TUBING			NAME, MODEL AND DEPTH OF TUBING PACKER		
3-inch ID		9700	Baker "B" Tubing hanger		
NAME OF PROPOSED INJECTION FORMATION			TOP OF FORMATION		BOTTOM OF FORMATION
Bough "D"					
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS?		PERFORATIONS OR OPEN HOLE?	PROPOSED INTERVAL(S) OF INJECTION		
Tubing		Perforations	✓ 7844-9875		
IS THIS A NEW WELL DRILLED FOR DISPOSAL?	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE?		
No	Field Extension		Bough "C"		
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH					
✓ 9765'-9786' - Propose to squeeze					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA	
None observed		Field ray - Bough "C"		No record	
ANTICIPATED DAILY INJECTION VOLUME (BBL/S.)	MINIMUM	MAXIMUM	OPEN OR CLOSED TYPE SYSTEM	IS INJECTION TO BE BY GRAVITY OR PRESSURE?	APPROX. PRESSURE (PSI)
	4000	15000	closed	grav. initially	
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	NATURAL WATER IN DISPOSAL ZONE	ARE WATER ANALYSES ATTACHED?
			yes	yes	See case 3636
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)					
Exalee Howard, Milnesand, New Mexico					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL					
Shell Oil Corporation P. O. Box 1509, Midland, Texas 79701					
Midwest Oil Corporation 1500 Wilco Building, Midland, Texas					
Cabot Corporation 1206 Wilco Building, Midland, Texas					
Humble Oil & Refining Company, Box 1600, Midland, Texas 79701					
C. B. Read, Security Building, Roswell, New Mexico 88201					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?	SURFACE OWNER		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL		THE NEW MEXICO STATE ENGINEER
yes	yes		yes		yes
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)	PLAT OF AREA		ELECTRICAL LOG		DIAGRAMMATIC SKETCH OF WELL
	yes		yes		

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Larry V. Lawrence President November 14, 1961
(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.

NEW MEXICO SALT WATER DISPOSAL COMPANY, INC.

212 PETROLEUM BLDG.

P. O. BOX 566

ROSWELL, NEW MEXICO 88201

PHONE 622-1958 AREA CODE 505

Elevation 4270

13⁵/₈ surface - 350'
cement circ.

8⁵/₈ intermediate - 4000'
cement circ.

Bough "C" - squeezed

Bough "D" - Injection
formation

- 3" ID plastic lined tubing on hanger
- Perforations - Bough "D"
5¹/₂ inch production - 9882'
400 sacks

Sec. _____, Township 9 S, Range 34 E, Lea _____ County, _____

Form 103—8 Inch Section Plat—In Stock and For Sale by Gass Printing Co., Tulsa, Okla.

	MIDWEST	MIDWEST	
SHELL	C. B. READ 19	MIDWEST	20
CADOT	C. B. READ	MIDWEST	

① Proposed SW Disposal Well
Bough "D" Formation
New Mexico Salt Water Disposal Company, Inc.

1/2 Mile

G.E.L.

REMARKS Scale: 1" = 1320'