



NEW MEXICO OIL CONSERVATION COMMISSION

Form C-108

Revised 1-1-65

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

OPERATOR Humble Oil & Refining Company		ADDRESS P. O. Box 1600, Midland, Texas 79701	
LEASE NAME New Mexico "CR" State	WELL NO. 2	FIELD Many Gates Abo	COUNTY Chaves
LOCATION UNIT LETTER M ; WELL IS LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE, SECTION 32 TOWNSHIP 9-S RANGE 30-E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	8-5/8"	1,453'	570	Surface	Circulated
INTERMEDIATE					
LONG STRING	5-1/2"	7,450	795	2,650'	Calculated
TUBING	2"	3,420	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model "R" - 3,370'		
NAME OF PROPOSED INJECTION FORMATION San Andres			TOP OF FORMATION 2,657'		BOTTOM OF FORMATION 4,025'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Tubing		PERFORATIONS OR OPEN HOLES Perforations		PROPOSED INTERVAL(S) OF INJECTION 3,384' - 3,432'	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? To attempt production in Wolfcamp Abo			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 Spot 120' cmt. plug from 7,184' to 7,304' to seal perfs. from 7,287' to 7,298'.					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 400'		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 7,284'	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 125	MINIMUM 125	MAXIMUM 250	OPEN OR CLOSED TYPE SYSTEM Closed	IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 500 psi
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
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Jessie W. Isler, 213 West Demming, Roswell, New Mexico			ARE WATER ANALYSES ATTACHED? No		
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Getty Oil Company, Box 1231, Midland, Texas 79701 Phillips Petroleum Company, Phillips Building, Odessa, Texas 79760 Amoco Production Company, Box 3092, Houston, Texas 77001					
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 Neutron	
				DIAGRAMMATIC SKETCH OF WELL Yes	

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

(Signature)Unit Head
(Title)**12-19-72**
~~12-7-72~~
(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.

RECEIVED

NOV 11 1972

OIL CONSERVATION COMM.
HOHEN, N. M.

ANDREWS DISTRICT

WELLBORE SKETCH

Date Nov. 7, 1972Field/Pool Name: Many Gates AboLease Name/Well No.: New Mexico "CR" State #2Sec. 31 - T. 9 S. - R. 30 E.Chaves County, New Mexico

8 5/8" - 24# - 32#

Set @ 1453' cement circ. to surface.

2600'

Top of Cement est. to be 2650'

3400'

Proposed SWD Interval. 3412' - 3434'

7200'

7300'

Perfs. 7287' - 7298'

Retainer @ 7304'

Perfs 7310' - 7317' Sqzd.

7400'

Set 5 1/2" 14# - 15.5# - 17# @ 7450' w/600 sx.
econolite 175 sx. class C (10# salt/sx)

T.D. 7450'

RECEIVED

DEC 11 1972

OIL CONSERVATION COMM.
HOBBS, N. M.

