

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 79702	
WELL NAME Pipeline Deep Unit Federal	WELL NO. 5	FIELD N. Quail Ridge Morrow	COUNTY Lea
LOCATION UNIT LETTER _____; WELL IS LOCATED 1980' FEET FROM THE south LINE AND 660' FEET FROM THE west LINE, SECTION 7 TOWNSHIP 19-S RANGE 34-E NMPM.			
CASING AND TUBING DATA			
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING	13-3/8"	503'	600
INTERMEDIATE	9-5/8"	5300'	1900
DOWN STRING	5-1/2"	13620'	850
		6800'	Temp Survey
TUBING		NAME, MODEL AND DEPTH OF TUBING PACKER	
2-7/8"		12943' Otis WB Packer set at 12900'	
NAME OF PROPOSED INJECTION FORMATION		TOP OF FORMATION	BOTTOM OF FORMATION
Yates		3264'	4412'
INJECTION THROUGH TUBING, CASING, OR ANNULUS?		PERFORATIONS OR OPEN HOLE?	PROPOSED INTERVAL(S) OF INJECTION
Tubing		Perforations	3895-3941', 3991-4000', 4178-4233'
IS THIS A NEW WELL DRILLED FOR DISPOSAL?		IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED?	
No		Gas Production From the Morrow Zone	
ALL RECOMMENDED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH			
13455-49'; 13524-27'; 100 sx; 13054-6'; 13181-4'; 13221-6'; 13276-9'; 13283-8'; open			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA	
450'		None	
ANTICIPATED DAILY INJECTION VOLUME (GALLONS)		MAXIMUM	OPEN OR CLOSED TYPE SYSTEM
150		300	Closed
IS INJECTION TO BE BY GRAVITY OR PRESSURE?		APPROX. PRESSURE (PSI)	
Pressure		1000	
ANSWER YES OR NO WHETHER THE FOLLOWING WATERS ARE MIN-ERIALIZED TO SUCH A DEGREE AS TO BE UNSUIT FOR DOMESTIC, STOCK RAISING OR OTHER UTILITIES -		WATER TO BE DISPOSED OF	
Yes		Yes	
NATURAL WATER IN DISPOSAL ZONE		ARE WATER ANALYSES ATTACHED?	
Yes		No	
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND)			
Union Oil Company of California (same as applicant)			
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL			
(Chama Petroleum; 5015 Tracy St.; Dallas, Texas 75202			
C. W. Trainer; 9205 Hwy 71W; Austin, Texas 78767			
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?			
SURFACE OWNER		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL	
same as applicant		yes	
PLAT OF AREA		ELECTRICAL LOG	
yes		yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		DIAGRAMMATIC SKETCH OF WELL	
		yes	

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

L. H. Pardue

L. H. Pardue
(Signature)

District Engineer

(Title)

December 15, 1980

(Date)

NOTE: Should answers 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.