

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

OPERATOR Southern Minerals Corporation		ADDRESS JUN 23 11 50 AM '67 P. O. Box 716 Corpus Christi, Texas	
LEASE NAME State "D"	WELL NO. 1	FIELD Inbe-Penn	COUNTY Lea
LOCATION UNIT LETTER E ; WELL IS LOCATED 1980' FEET FROM THE North LINE AND 510' FEET FROM THE West LINE, SECTION 8 TOWNSHIP 11-S RANGE 34-E NMPM.			

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	13 3/8"	372'	375	Surface	Observation
INTERMEDIATE	8 5/8"	4,045'	450	2,055'	Calculation
LONG STRING	5 1/2"	9,868'	400	7,168'	Calculation
TUBING	2 1/6"	9,851'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Mod. "R" Packer Set @ 9815'		
NAME OF PROPOSED INJECTION FORMATION Glorieta		TOP OF FORMATION 4,045'		BOTTOM OF FORMATION 7,168'	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? Annulus		PERFORATIONS OR OPEN HOLE? Open Hole	PROPOSED INTERVAL(S) OF INJECTION 4045'-7168'		
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? To Make Bough "C" Completion		HAS WELL EVER BEEN PERFORMED 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 Perf. For Prod. 9859'-9869'					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 110'		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA None Known		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA None Known	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) 100	MINIMUM 100	MAXIMUM 500	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 -			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) Bogle Farms Inc. P. O. Box 358 Dexter, New Mexico					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL					
Sun Oil Company		Midland Tower		Midland, Texas	
Tenneco Oil Company		Wilco Building		Midland, Texas	
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING?					
SURFACE OWNER Yes		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes		THE NEW MEXICO STATE ENGINEER Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B)		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.

J. R. Irwin
(Signature)

Authorized Employee
(Title)

June 20, 1967
(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.