

COASTAL STATES GAS PRODUCING COMPANY

WEST TEXAS - NEW MEXICO DISTRICT

600 Wilco Building  
Midland, Texas 79701

October 17, 1975

Mailing Address  
P.O. Box 235  
(915) 682-7925

Oil Conservation Commission  
State of New Mexico  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Flying "M" (SA) Unit,  
Tract 1a-5 and Tract 14-1

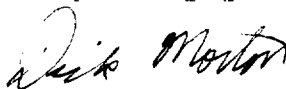
Gentlemen:

Please find attached Form C-108 for two wells in the Flying "M" (SA) Unit, Tract 1a-5 and 14-1, requesting permission to convert the subject wells to water injection under the provisions of Order Number R-3229. The subject wells are currently oil producers from the San Andres formation. These conversions will result in a more balanced waterflood and higher reservoir pressure thereby increasing the oil recovery and preventing waste.

Attached also is a plat of the project area showing all wells and offset leases. In addition, a schematic drawing of each well is attached showing essential data. A copy of the Form 9-331 being submitted to the United States Department of Interior is also attached for your file.

A copy of this application is being sent to each of the off-set operators as of the date of this letter.

Very truly yours,



Dick Morton  
District Production Superintendent

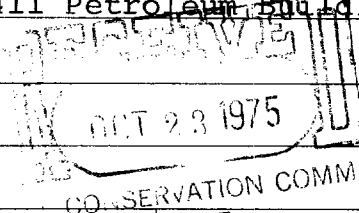
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RECEIVED  
OCT 20 1975  
OIL CONSERVATION COMM.  
CLERK TO

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR <b>Coastal States Gas Producing Company</b>		ADDRESS <b>P. O. Box 235 Midland, Texas 79701</b>	
LEASE NAME <b>Flying "M" (SA) Unit Tract 14</b>	WELL NO. <b>1</b>	FIELD <b>Flying "M" (San Andres)</b>	COUNTY <b>Lea</b>
LOCATION UNIT LETTER <b>P</b> ; WELL IS LOCATED <b>659.6</b> FEET FROM THE <b>South</b> LINE AND <b>663.3</b> FEET FROM THE <b>East</b> LINE, SECTION <b>20</b> TOWNSHIP <b>9S</b> RANGE <b>33E</b> NMPM.			

CASING AND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
SURFACE CASING	<b>8 5/8"</b>	<b>263'</b>	<b>200</b>	<b>Surface</b>	<b>Circulated</b>
INTERMEDIATE					
LONG STRING	<b>4 1/2"</b>	<b>4509'</b>	<b>300</b>	<b>3850'</b>	<b>Calculated</b>
TUBING	<b>2 3/8"</b>	<b>4320'</b>	NAME, MODEL AND DEPTH OF TUBING PACKER <b>Baker Model AD-1</b>		
NAME OF PROPOSED INJECTION FORMATION <b>San Andres</b>		TOP OF FORMATION <b>4390'</b>		BOTTOM OF FORMATION <b>4465'</b>	
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? <b>Tubing</b>		PERFORATIONS OR OPEN HOLES <b>Perforation</b>		PROPOSED INTERVAL(S) OF INJECTION <b>4395'-4456'</b>	
IS THIS A NEW WELL DRILLED FOR DISPOSAL? <b>No</b>	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? <b>Oil Producer in same zone</b>				HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? <b>No</b>
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH <b>None</b>					
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA <b>150'</b>		DEPTH OF BOTTOM OF NEXT HIGHER OIL OR GAS ZONE IN THIS AREA <b>None</b>		DEPTH OF TOP OF NEXT LOWER OIL OR GAS ZONE IN THIS AREA <b>8600'</b>	
ANTICIPATED DAILY INJECTION VOLUME (BBLs.) <b>600</b>	MINIMUM <b>300</b>	MAXIMUM <b>800</b>	OPEN OR CLOSED TYPE SYSTEM <b>Open</b>	IS INJECTION TO BE BY GRAVITY OR PRESSURE? <b>Pressure</b>	APPROX. PRESSURE (PSIG) <b>1800-2000</b>
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 - <b>Yes</b>			WATER TO BE DISPOSED OF <b>Yes</b>	NATURAL WATER IN DISPOSAL ZONE <b>Yes</b>	ARE WATER ANALYSES ATTACHED? <b>No</b>
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) <b>B. M. Medlin Tatum, New Mexico 88267</b>					
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL					
<b>Warren American Oil Company P. O. Box 971 Midland, Texas 79701</b>					
<b>Belco Petroleum Corporation 411 Petroleum Building Midland, Texas 79701</b>					
					
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? <b>No</b>		SURFACE OWNER <b>No</b>			
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) <b>Yes</b>		PLAT OF AREA <b>Yes</b>		ELECTRICAL LOG <b>No (on file)</b>	
				DIAGRAMMATIC SKETCH OF WELL <b>Yes</b>	

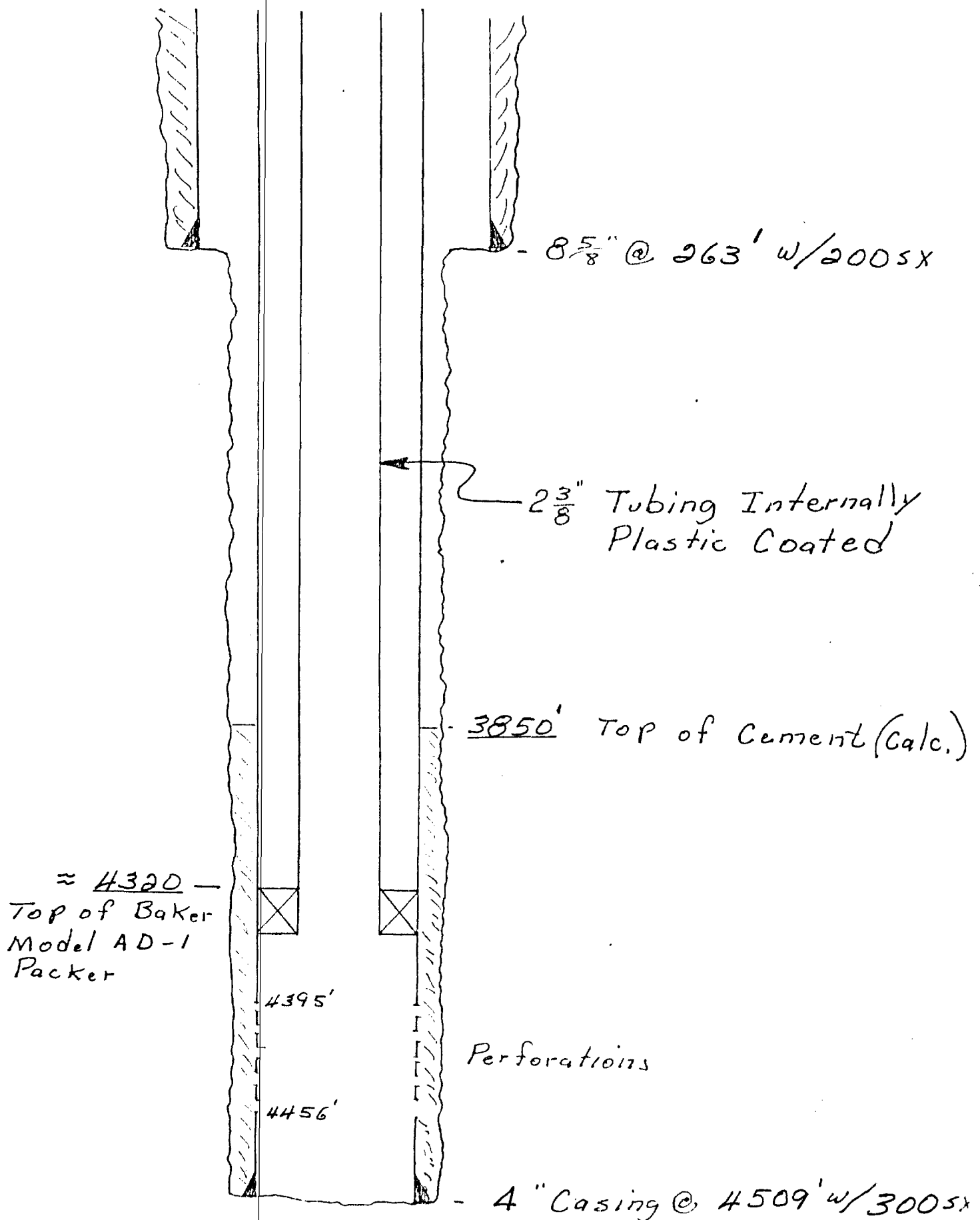
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

*Dick Minton*  
(Signature)

**District Production Superintendent**  
(Title)

**10-13-75**  
(Date)

NOTE: Should waivers 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.



Schematic Drawing of Proposed Injection Well, Flying "M" (SA) Unit Tract 14 Well #1

OIL CONSERVATION COMMISSION  
Hobbs DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE October 21, 1975

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD X \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated \_\_\_\_\_  
for the Coastal States Gas Prod. Co. Flying M SA Unit Tr. 14 #1-P 20-9-33  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

O.K. w/plastic lined tubing---J.S.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

*Jerry S. [Signature]*