

W. B. Jones

COASTAL STATES GAS PRODUCING COMPANY
WEST TEXAS - NEW MEXICO DISTRICT
600 Wilco Building
Midland, Texas 79701

March 25, 1975

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

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

Re: Flying "M" (SA) Unit Tr. 20-1
Lea County, New Mexico

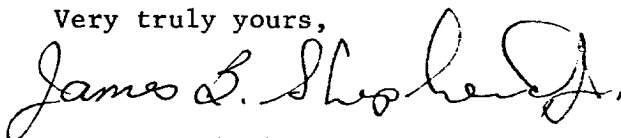
Gentlemen:

Please find attached Form C-108 which is to seek authorization to convert an addition well, Flying "M" (SA) Unit Tract 20 Well No. 1, to water injection. The subject well was originally drilled and completed as a producer. This additional well will result in a more balanced waterflood in this unit thereby increasing 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 the existing well with the proposed tubing and packer.

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

Very truly yours,



James B. Shepherd, Jr.
District Production Superintendent

JBS:RW:mh

Attachments

NEW MEXICO OIL CONSERVATION COMMISSION

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

OPERATOR Coastal States Gas Producing Company		ADDRESS P.O. Box 235, Midland, Texas 79701	
LEASE NAME Flying "M" (SA) Unit Tr. 20	WELL NO. 1	FIELD Flying "M"	COUNTY Lea
LOCATION UNIT LETTER F ; WELL IS LOCATED 1974.9 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE, SECTION 32 TOWNSHIP 9-S RANGE 33-E NMPM.			
CASING AND TUBING DATA			
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING	8-5/8"	259'	200
INTERMEDIATE			
LONG STRING	4-1/2"	4500'	300
TUBING	2-3/8"	4350'	NAME, MODEL AND DEPTH OF TUBING PACKER Baker Model AD-1
NAME OF PROPOSED INJECTION FORMATION San Andres		TOP OF FORMATION 4396	BOTTOM OF FORMATION 4415'
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? 2-3/8" tubing (Plastic lined)		PERFORATIONS OR OPEN HOLES? 4402-12'	PROPOSED INTERVAL(S) OF INJECTION 4402-12'
IS THIS A NEW WELL DRILLED FOR DISPOSAL? No	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? Oil Producer		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? No
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH Block squeezed zone with 150 sx. @ 4396' and 300 sx. @ 4428'			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA 150'		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 8600'
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) 300	MINIMUM 300	MAXIMUM 800	OPEN OR CLOSED TYPE SYSTEM Open
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		IS INJECTION TO BE BY GRAVITY OR PRESSURE? Pressure	APPROX. PRESSURE (PSI) 1500
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) Marg McGuffin, P.O. Box 344, Caprock, New Mexico 88213		ARE WATER ANALYSES ATTACHED? No	
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL Warren American Oil Company, P.O. Box 971, Midland, Texas 79701 Belco Petroleum Corporation, 411 Petroleum Building, Midland, Texas 79701			
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? No			
SURFACE OWNER No		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL Yes	
THE NEW MEXICO STATE ENGINEER No		DIAGRAMMATIC SKETCH OF WELL Yes	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) Yes		ELECTRICAL LOG No	

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

District Production Superintendent

3-25-75

(Signature)

(Title)

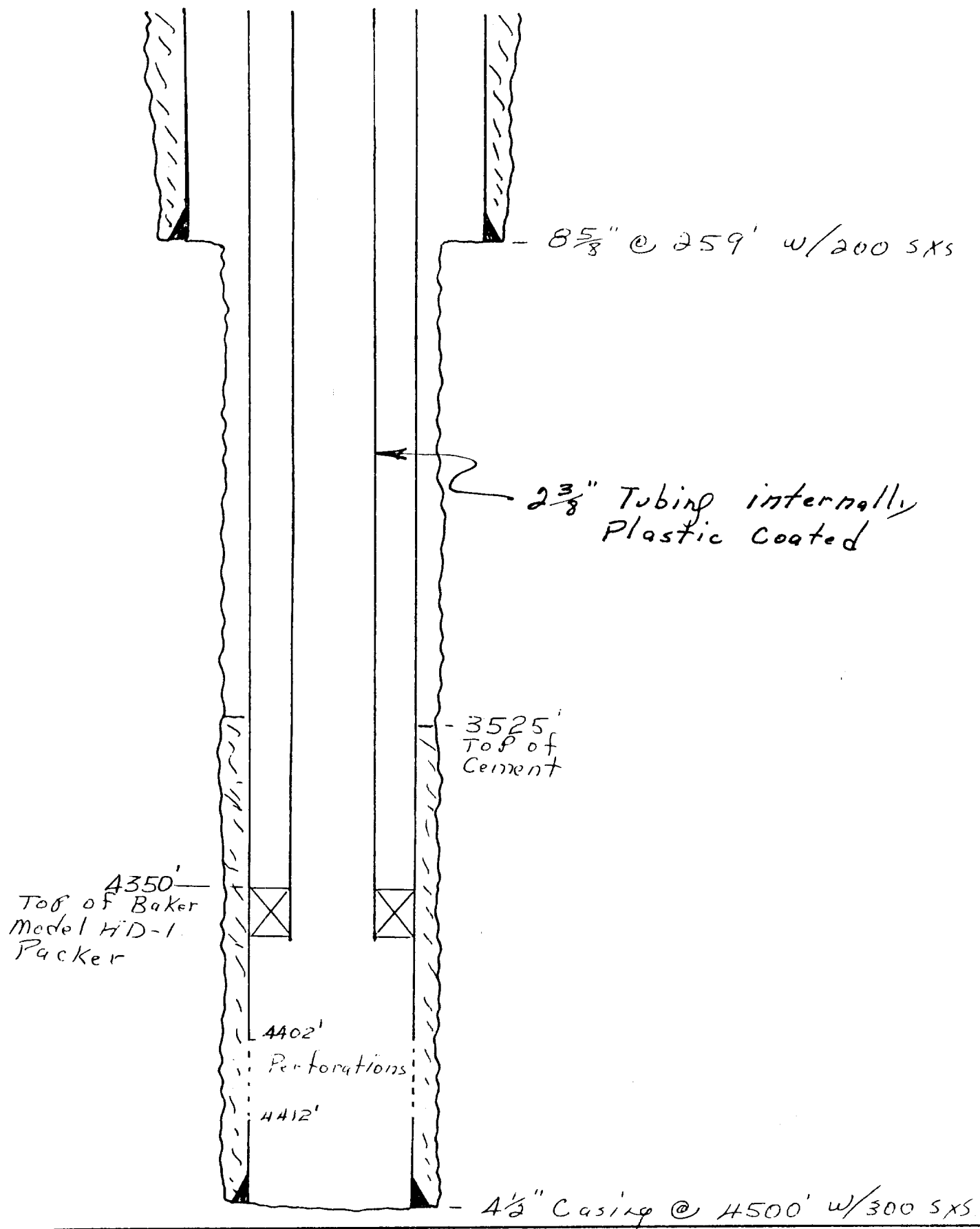
(Date)

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.

RECEIVED

MAR 1 1975

**GIL CONSERVATION COMM.
HOBBS, N. M.**



Schematic Drawing of Proposed Injection
 Well, Flying "M" (SA) Unit Tract 20 Well #1