

# 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 2498, Abilene, Texas</b>	
LEASE NAME <b>Southern Minerals State</b>	WELL NO. <b>1-15</b>	FIELD <b>Flying "M" (Abo)</b>	COUNTY <b>Lea</b>
LOCATION UNIT LETTER <b>L</b> ; WELL IS LOCATED <b>664.95</b> FEET FROM THE <b>West</b> LINE AND <b>1978.02</b> FEET FROM THE <b>South</b> LINE, SECTION <b>15</b> TOWNSHIP <b>9-S</b> RANGE <b>33-E</b> N.M.P.M.			
CASING AND TUBING DATA			
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT
SURFACE CASING	<b>10-3/4"</b>	<b>350'</b>	<b>300</b>
INTERMEDIATE	<b>7-5/8"</b>	<b>4700'</b>	<b>400</b>
LONG STRING	<b>4-1/2"</b>	<b>8691'</b>	<b>90 Gals Latex</b>
TUBING	<b>2"</b>	<b>4500'</b>	<b>Halliburton R-3 (Set at 4500')</b>
NAME OF PROPOSED INJECTION FORMATION <b>Slaughter Porosity Zone of San Andres</b>		TOP OF FORMATION <b>4535'</b>	BOTTOM OF FORMATION <b>4635'</b>
IS INJECTION THROUGH TUBING, CASING, OR ANNULUS? <b>Tubing</b>		PERFORATIONS OR OPEN HOLES <b>Perforations</b>	PROPOSED INTERVAL(S) OF INJECTION <b>4545-55' 4585-90'</b>
IS THIS A NEW WELL DRILLED FOR DISPOSAL? <b>No</b>	IF ANSWER IS NO, FOR WHAT PURPOSE WAS WELL ORIGINALLY DRILLED? <b>To test "Abo" Formation</b>		HAS WELL EVER BEEN PERFORATED IN ANY ZONE OTHER THAN THE PROPOSED INJECTION ZONE? <b>Yes</b>
LIST ALL SUCH PERFORATED INTERVALS AND SACKS OF CEMENT USED TO SEAL OFF OR SQUEEZE EACH <b>8632-67' (Set permanent bridge plug at 8500', dump 2 sks cmt on plug.)</b>			
DEPTH OF BOTTOM OF DEEPEST FRESH WATER ZONE IN THIS AREA <b>100'</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>8632'</b>
ANTICIPATED DAILY INJECTION VOLUME (BBLS.) <b>200 BPD</b>	MINIMUM <b>200 BPD</b>	MAXIMUM <b>600 BPD</b>	OPEN OR CLOSED TYPE SYSTEM <b>Closed</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>	IS INJECTION TO BE BY GRAVITY OR PRESSURE? <b>Pressure</b>
NAME AND ADDRESS OF SURFACE OWNER (OR LESSEE, IF STATE OR FEDERAL LAND) <b>State of New Mexico</b>		APPROX. PRESSURE (PSI) <b>1000 psi</b>	
LIST NAMES AND ADDRESSES OF ALL OPERATORS WITHIN ONE-HALF (1/2) MILE OF THIS INJECTION WELL <b>Coastal States Gas Producing Company, P. O. Box 2498, Abilene, Texas</b>			
HAVE COPIES OF THIS APPLICATION BEEN SENT TO EACH OF THE FOLLOWING? <b>Yes</b>		EACH OPERATOR WITHIN ONE-HALF MILE OF THIS WELL <b>Yes</b>	
ARE THE FOLLOWING ITEMS ATTACHED TO THIS APPLICATION (SEE RULE 701-B) <b>Yes</b>		ELECTRICAL LOG <b>Yes</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.

(Signature)

**Production Division Engineer**

(Title)

**April 27, 1965**

(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.

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LAND OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103  
Supersedes Old  
C-102 and C-103  
Effective 1-1-65

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. <b>OG - 3798</b>

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.  
USE "APPLICATION FOR PERMIT - A" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <b>Temporarily Abandoned Well</b>	7. Unit Agreement Name -----
2. Name of Operator <b>Coastal States Gas Producing Company</b>	8. Farm or Lease Name <b>Southern Minerals State 15</b>
3. Address of Operator <b>P. O. Box 2498, Abilene, Texas</b>	9. Well No. <b>1</b>
4. Location of Well UNIT LETTER <b>L</b> <b>664.95</b> FEET FROM THE <b>West</b> LINE AND <b>1978.02</b> FEET FROM THE <b>South</b> LINE, SECTION <b>15</b> TOWNSHIP <b>9-S</b> RANGE <b>33-E</b> NMPM.	10. Field and Pool, or Wildcat <b>Flying "M" (Abo)</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>4366.4' GL</b>	12. County <b>Lea</b>

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐  
TEMPORARILY ABANDON ☐  
PULL OR ALTER CASING ☐  
OTHER ☐

PLUG AND ABANDON ☐  
CHANGE PLANS ☐  
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒  
COMMENCE DRILLING OPNS. ☐  
CASING TEST AND CEMENT JOBS ☐  
OTHER ☐

ALTERING CASING ☐  
PLUG AND ABANDONMENT ☐  
OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

**Temporarily Abandoned on 2-22-64.**

**PBTD: 4642' 7-5/8" casing set at 4706'.**

**April 26, 1965: Perforated csg from 4585 - 90'.**

**April 28, 1965: Acidized w/ 500 gals MCA. Results: Swabbed 10 bbls, 100% salt water.**

**April 29, 1965: Perforated at 4545 - 55'. Ran RTTS and bridge plug at 4570' and RTTS at 4510'. Acidized with 500 gals MCA. Results: Swabbed 16 bbls, 100% salt water.**

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

SIGNED Jack R. McShaw TITLE Division Engineer DATE April 30, 1965

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: