

m.s.

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PAUL W. EATON  
CONRAD E. COFFIELD  
HAROLD L. HENSLEY JR.  
STUART D. SHANOR  
C. D. MARTIN  
PAUL J. KELLY JR.  
OWEN M. LOPEZ  
DOUGLAS L. LUNSFORD  
PAUL M. BOHANNON  
T. CALDER EZZELL, JR.  
WILLIAM B. BURFORD\*  
JOHN S. NELSON  
RICHARD E. OLSON  
RICHARD A. SIMMS  
DEBORAH NORWOOD\*  
JAMES H. ISBELL\*  
ANDERSON CARTER, II  
STEVEN D. ARNOLD

JEFFREY L. BOWMAN  
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THOMAS M. HNASKO  
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STEVEN S. MICHEL  
GREGORY J. NIBERT  
JUDY K. MOORE\*  
KELLY S. THOMAS\*  
DAVID T. MARKETTE\*  
RALPH O. DUNN

# HINKLE, COX, EATON, COFFIELD & HENSLEY

ATTORNEYS AT LAW

218 MONTEZUMA

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SANTA FE, NEW MEXICO 87504-2068

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200 BLANKS BUILDING  
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June 8, 1984

OF COUNSEL  
CLARENCE E. HINKLE  
ROY C. SNODGRASS, JR.  
O. M. CALHOUN

W. E. BONDURANT, JR. (1913-1973)  
ROBERT A. STONE (1905-1981)

\*NOT LICENSED IN NEW MEXICO

Mr. Joe D. Ramey, Director  
Oil Conservation Division  
Post Office Box 2088  
Santa Fe, New Mexico 87504

Dear Mr. Ramey:

On behalf of Coastal Oil & Gas Corporation, I respectfully request that the following cases be continued to the July 11, 1984 Examiner hearing:

1. Case 8210, Application for Salt Water Disposal Wells. This case was set for hearing on June 6, 1984, but was continued to the June 20, 1984 hearing. Due to the difficulty of obtaining certain additional information and forwarding it to the parties in the requisite time, we request continuance to the July 11, 1984 hearing.
2. Case 8239, Application for Unorthodox Oil Well Location, SW1/4 of Section 31, Township 13 South, Range 33 East, Baum Pennsylvanian field.

Thank you.

Very truly yours,

HINKLE, COX, EATON,  
COFFIELD & HENSLEY

*James Bruce*  
James Bruce

JGB:jr

cc: Ben A. Culpepper, Esq.  
Chad Dickerson, Esq.





STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

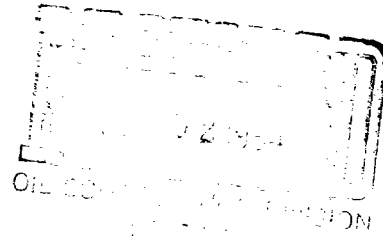
June 27, 1984

TONEY ANAYA  
GOVERNOR

POST OFFICE BOX 1980  
HOBBS, NEW MEXICO 88240  
(505) 393-6181

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

*case 8210*



RE: Proposed:

MC \_\_\_\_\_  
DHC \_\_\_\_\_  
NSL \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD   X   \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

Coastal Oil & Gas Corp.	State 22 #1 & State 27 #1	22 & 27-14-32
Operator	Lease & Well No.	Unit S-T-R

and my recommendations are as follows:

Probably need to go to hearing as wells in  $\frac{1}{2}$  mile area are not cemented through  
the zone--J.S.

Yours very truly,

Jerry Sexton  
Supervisor, District 1

/mc



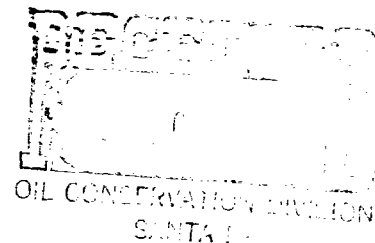
# Coastal Oil & Gas Corporation

a subsidiary of The Coastal Corporation

Briercroft Savings Building  
200 North Loraine  
P.O. Box 235  
Midland, Texas 79702 - 0235

915/682 - 7925

June 28, 1984



State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 88240

RE: OCD Case 8210  
Coastal Oil & Gas Corporation  
Application for Authorization  
to Inject

Gentlemen:

On June 22, 1984, Coastal Oil & Gas Corporation mailed copies of Form C-10-8 with attachments to your office requesting permission to dispose of produced water into two wells in Lea County, New Mexico. The two subject wells are Coastal's State "22" Well No. 1 located in Section 22, and State "27" Well No. 1 located in Section 27, both of which are in T-14-S, R-32-E. After this material was mailed to your office and copies sent by certified mail to all other parties shown on the attached mailing list, it was discovered that copies of the water analyses required were inadvertently left out of the mailing. Copies of the water analysis from Coastal's State "26" Well No. 3 and State "27" Well No. 1 are attached along with copies of an analysis of water taken from a windmill located in Section 35, T-14-S, R-32-E that was mentioned in the application.

Coastal also has learned that a water well located near Coastal's State "22" Well No. 1 was operational, and a sample was obtained from this well on June 25, 1984. A copy of this water analysis is also attached. Coastal requests that these analysis sheets be included in the application previously mailed to your office.

By copy of this letter and the three attachments thereto, all parties shown on the attached mailing list has been notified of this addition to the original application.

Yours very truly,

H. E. Clarke  
District Production Manager

HEC/lkw

cc: Distribution list attached

COASTAL OIL & GAS CORPORATION  
C-108 MAILING LIST  
JUNE 22, 1984

Yates Petroleum  
207 S. 4th  
Artesia, New Mexico 88210  
Attn: Mr. Dave Boneau

Gulf Oil Exploration and Production Company  
P. O. Box 1150  
Midland, Texas 79702

Amoco Production Company, USA  
P. O. Box 68  
Hobbs, New Mexico 88240

Mr. Billy Frank Good  
P. O. Box 333  
Caprock, New Mexico 88213

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P. O. Box 1980  
Hobbs, New Mexico 88240

State Land Office  
State of New Mexico  
State Land Office Building  
Santa Fe, New Mexico 87501





709 W. INDIANA  
MIDLAND, TEXAS 79701  
PHONE 683-4521

## RESULT OF WATER ANALYSES

LABORATORY NO. 584335

to: Mr. Dave Campbell  
P.O. Box 235, Midland, Texas

SAMPLE RECEIVED 5-31-84

RESULTS REPORTED 5-31-84

COMPANY Coastal Oil & Gas Corp.

LEASE State

FIELD OR POOL

Tulk (Penn)

SECTION \_\_\_\_ BLOCK \_\_\_\_ SURVEY

COUNTY Lea

STATE     NM    

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Recovered water - taken from State "26" #3. 5-30-84

NO. 2 Recovered water - swabbed from State "27" #1. 5-30-84

NO. 3

NO. 4

## 2. San Andres

## REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0375	1.1486		
pH When Sampled				
pH When Received	6.54	6.76		
Bicarbonate as HCO <sub>3</sub>	61	271		
Supersaturation as CaCO <sub>3</sub>	--	58		
Undersaturation as CaCO <sub>3</sub>	25	--		
Total Hardness as CaCO <sub>3</sub>	5,200	29,250		
Calcium as Ca	1,320	9,800		
Magnesium as Mg	462	1,154		
Sodium and/or Potassium	20,413	84,045		
Sulfate as SO <sub>4</sub>	2,368	1,392		
Chloride as Cl	33,379	149,140		
Iron as Fe	663	1,170		
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	58,003	245,802		
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0	14.0		
Resistivity, ohms/m at 77° F.	0.142	0.051		
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Calcium Carbonate Scaling Tendency	NONE	MILD		
Calcium Sulfate Scaling Tendency	NONE	MILD		

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks We are concerned in utilizing these samples for compatibility studies because there are some abnormalities, such as the unusually high iron oxide in well "26" #3 and iron sulfide in well "27" #1. However, based on the results we have herein, we have identified no evidence of any incompatibility. It does appear that the water from well "27" #1 has hydrogen sulfide, but we are not sure whether the water from well "26" #3 has soluble iron. If the latter does have soluble iron, then there is a possibility of incompatibility. We also would not consider the mild scaling tendency from calcium carbonate and calcium sulfate in well "27" #1 to be of any concern at this time. Therefore, in summary, we find these two waters to likely Form No. 3 be compatible but feel verification is warranted with more representative samples.

By *[Signature]*

By

Waylan C. Martin, M. A.







709 W INDIANA  
MIDLAND, TEXAS 79701  
PHONE 683-4521

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P.O. Box 235, Midland, Texas

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LEASE State

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Tulk (Penn)

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By *[Signature]*

By

~~Waylan C. Martin, M. A.~~



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

**TONEY ANAYA**  
GOVERNOR

August 3, 1984

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87501  
(505) 827-5800

**Mr James Bruce  
Hinkle, Cox, Eaton,  
Coffield & Mensley  
P. O. Box 2068  
Santa Fe, New Mexico**

Re: CASE NO. 8210  
ORDER NO. R-7605

Applicant:

Coastal Oil & Gas Corporation

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

Yours very truly,

JOE D. RAMEY  
Director

JDR/fd

Copy of order also sent to:

Hobbs OCD	<u>x</u>
Artesia OCD	<u>x</u>
Aztec OCD	

Other \_\_\_\_\_