-ase Number LJ 897 Application Transcripts.

Small Exhibits

		÷.	<u> </u>	
		· · · · · · · · · · · · · · · · · · ·	The hearing will come to o	rder, please.
	·····	STAMETS:	The hearing Will Come of	The second secon
	1			
	2 We wi	ill call first case	4897.  Be 4897, Application of Co	astal States
Ç.	3	MR. CARR: Ca	or an unorthodox location,	Lea County,
	· 1			i e
	5 New	Mexico.	Call for appearances in	this case.
	6		Hinkle, Hinkle,	
cormick	7	MR. HINKE	W Mexico, appearing on beh	alf of Coastal
<u>ප</u>	g and	Eaton, No.		
E	9 Sta	ates.	: Are there other appeara	nces in this
dearnley, meier &	10		to be sworn in this	
le.	ca ca	se? Do you have a	We have one witness and	four exhibits.
5	**	TINKLE	We have one witness and	
6	12	MR. HINKIE		
E	· 60		JACK McGRAW	مديد فارد
ZZ ZZ	-0-8-13-		ess and after being duly s	worn, according
<b>5</b>	01X 0778	- called as a witr	ess and after bearing	
·	14 W	as carrot	- 11	* 2.
•	3 ×	o law, testified a	; follows:	
v	15 T	MR HINKI	E: Here is the official e	xhibit.
	16 J			
	7 W 17	MR. STAME	TS: O. K.	the the contract of the experience of the experience of
	17		DIRECT EXAMINATION	
	, d			en e
	18			
		BY MR. HINKLE:	d bn canal	y whom you are
	0 1 8	Q State your n	ame, your residence, and b	- w
	20 20 20 20 20 20 20 20 20 20 20 20 20 2	employed.		a si Lian Ca
	<u>ک</u> یا 21	Gwb rol	Jack McGraw. I work for Co	pastal States Gu
	0 0	A My name is	JACK PRODUCTION	as Division
		Producing C	ompany in Midland, Texas,	<del>-</del> :
The second of th	73 1 8 1 1 2 3	<b>5</b> 1		
	SIMMS 1216 F	Petroleum F	reviously testified before	commission?
	§ 2	4	wingly testified before	the Commission
	ý	O Have you p	:6ATO:/911	and the second

2 5		en en Serri e	Your qualifications as petroleum engineer are a matter of
3			record with the Commission?
4	A		Yes, they are.
5	Q		Have you made a study of the area where the subject well
6			is located?
7	A		Yes, I have.
8	Q		Are you familiar with the application of Coastal States
9			in this case?
10	A		Yes, sir.
11	Q		Was this originally filed as an application for an
12		,	administrative approval?
13	A	<b>.</b>	Yes. It was.
14	Ç	5	What is Coastal States seeking to accomplish?
15	1	A.	Coastal States is seeking permission to complete a
16			second well from the San Andres formation on a proration
17	,		unit that has an existing San Andres well.
18		Q	Have you prepared or has there been prepared under your
19			direction certain exhibits for introduction in this
2	0		case?
. 2	1	A	Yes.
· · · · ·	22	Q	They have been marked one through four?
	23	A	Yes, sir.
	24	Ω	Refer to Exhibit 1 and explain what this is and what it
	25		shows.

Yes, I have.

					ibit 1 is a location plat showing the area of	
					ilon plat showing the	·
					ibit 1 is a location plat showing containing the southeast quarter of the southeast quarter of the rest being the East half of the Southeast quarter of the rest being the the vicinity of the Flying "M"	
	-	• •	A	Exhi	in half of the Southon	
		•			theing the East naz-	
		_	1	inte	erest borns, we vicinity of the	
		2	1		This is in the target, in	1
	7			Sec	cerest being the East half of the server being the East half of the Flying "M"  ction 31. This is in the vicinity of the Flying "M"  ction 31. This is in the vicinity of the Flying "M"	
		3			ction 31. This is in the vicinity ction 31. This is in the vicinity an Andres Unit in Township 9 South, Range 33 East, in	
	<u> </u>			Sar	n Andres Unite	15-
		4	<b>4</b> \		ea County, New Mexico.	· 31.
				T.e	ea County, New 1.5	
	es d'ign		5	<b>ب</b>	the outlines are shown of the Unit?	
				mh	the outlines are shown of the outlines are shown as the dark line. The other outlines are shown as the dark line. The other outlines are shown as the dark line.	
			6 Q	7.1	The Unit boundaries are shown as	1.
	¥	ſ	- 1	m)	the Unit boundaries are indicated	
-	.일		7 P	L ( 12)	outside the Unit around	
	E				erounding wells outser completed flow	
	ą		8	S	surrounding wells outside the Unit assurptions assured that are completed from this map. It also shows wells that are completed from the surrounding wells outside the Unit assurptions as a surrounding wells outside the Unit as a surrounding wells as a surrounding wells.	. 45
					it also shows a land plat of the	
	$\Xi$	/	9		this map	
1	s mc cormick		1	۶) نسسری	zones, and this is	
1	<u>~</u>		40		this map. It also shows wells that us this map. It also shows wells that us deeper zones, and this is supposedly a land plat of the	
	. <u>.</u>		10		area.  Does Coastal States own the East half of the Southeast poes coastal States own the East half of the Southeast poes	
	بق			}	area.	
			c- 11		sectal States OWN Cite	ĺ
	<u> </u>			Q	Does Coastar	
	dearnley, meier	6	12	1		1
<u>.</u> .	<u></u>	0.7			quarter of 31 which II	<u>.</u> \
	ä	0 0	13	3	as to the San Andrea	1
	70	× × ×		A	Yes, we do as avplain what that	1
•		Z O	1	4	to Exhibit 2 and eng	1
	•	多な	i S	10	Yes, we do as to the San Andres formaces Yes, we do as the San Andres for the San Andres for the San Andres for the Yes, we do as the Yes, which is the Yes, which we do as the Yes, we do as the Yes, which we will not the Yes, which we do as the Yes, which w	1
	<del> </del>		Ξ Σ Id	15 \ <sup>Q</sup>	shows.  Exhibit 2 is a well location and acreage dedication plat,	, <b>\</b>
		20	2	1	shows.	2.5
		C U	LOUEROUE.	16	well location and	1
		20	G.	\_	Exhibit 2 is a well location and form C-102, as filed originally by Belco Petroleum form C-102, as filed originally by Belco Petroleum	\ \ .
		ه د	2	17 A	filed originally by	
	8.1		_		form C-102, as 11110	1
			900 1 0 0 0 0	18	form C-102, as filed originally by components of the Bough "C" Corporation for a well to be drilled on the Bough "C"	- 1
2			ė b	-	Corporation for a well to be dillar  Corporation for a well well to be dillar  Corporation for a well to be dillar  Corpor	1
				19	formation in the southeast quarter of section 31. This well was drilled by Belco quarter of Section 31. This well was drilled by Belco	į
	•		E . O O J		formation in the south	<b>\</b>
			0 0	20	Tolado This well was a	1
			1092 ANK	20	orter of Section 31.	1
			Ç 60	04	qualto-	1
			NAL NAL	21	quarter of Section 31. This many the exact date. in, let's see, well, I don't have the exact date.	1
. •	14		00		in, io	nd
			•. ×	22	Seventy-one there is -  Seventy-one there is -  Yes, September 15 was when the form was filed, 1971; and 1	,15,~
		•	0 L S	. 1	g seventy on when the form was the	
		4.	IS BLDG	23	Yes, September 15 was when the row A Yes, September 15 was when the row coastal States to Belco, in the format agreement from Coastal States to Belco,	
		3.5	. 2.4	<b>€</b>	A Yes, September from Coastal States	
	•		200 5	24	format agreement 11000	
	•		8	<u> 4</u>	in the low.	
				25		

7

25

Coastal States retained the rights to the San Andres formation and farmed out only rights to the Pennsylvanian formation. So, as the well was being drilled at Coastal States expense, the San Andres formation was cored with the intent of checking its porosity and permeability in this area. The well, of course, did look favorable for a San Andres completion. However, the well was drilled on down to the Bough "C" formation and tested for several months actually, never having actually been completed as a Bough "C" producer. It was finally abandoned as a Bough "C" producer? It was later on. Has Coastal States acquired this well from Belco? We purchased the well at salvage value, the casing and tubing that was in the well, just recently as of Now, refer to Exhibit 3 and explain what this shows. Exhibit 3 is a location plat, Form C-102, filed by Coastal States in February, 1972, for an area, Gonzales Federal 31, No. 3. This shows that our 31 No. 3 was drilled at a location one hundred feet west of the well drilled by Belco, and the reason that we went ahead and drilled the well is that they were, at that time we thought that they were going to make a well to complete And so we had already, their well in the Bough "C".

	based on the core information. obtained, we had already
	based on the core information, obtain
	other wells, producers, and we had a
	producer on this location. So we drilled one hundred
	feet from their well.
	What is the present status of this well?
Q a	What is the pleaths  It is currently producing at the rate of about 25 to 30
A	barrels a day.
ria.	Producing any water?
ÎQ	Yes, sir. It produces some water.
A	Yes, sir. It produces  Now, refer to Exhibit 4 and explain what this shows.
Q	Now, refer to Exhibit 4 and one Sexhibit 4 is U S G S Form 9-331C, which is the application Exhibit 4 is U S G S Form 9-331C, which is the application
A	Exhibit 4 is U S G S Form 923310, and this sets
	for permit to drill deeper or plug back, and this sets
	out our -
Q	out our - Now, this is the well that was drilled first there at the
4	Bough "C"?
5	coastals' application to plug back on
6 A	to the San Andres formation. It outlines the
17	that we planned to use, the plugs that we
18	would set in plugging back the Bough "C" formation, and
19	would set in plugging the casing in perforated intervals that we planned to
20	the casing in perforated interval
1	the San Andres.
21	enticipate this will be completed as a re-
22	comparable to your well on the same forty acres -
23	
24	A Yes.  O In the San Andres formation?
25	Q In the San Andres

A

íû

Q

A

Q

A

Q

λ

-Q-

A

209 SIMMS BLDG. P.C. BOX 1092-PHONE 243-6691-ALBUQUERQUE. NEW MEXICO 87103	1216 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

5	
	Yes, sir. We have received approval from the USGS
	with one amendment, and that was that cement plus to be
	a minimum of one hundred feet in length or twenty-five
	sacks, and they requested that we place a national one
	hundred foot cement plug at 4500 to 5000.
	Which meant then that you have cemented?
	That's right.
	Are you requesting any additional allowable because of
	the two wells being located on this forty acres?
	No. sir. We would be quite happy if the two together
	would make the allowable that we already have for this
	forty, eighty acre location.
	Your first well is not capable of making the allowable
	at the present time?
	No, sir. It was potentialled for 114 barrels a day, but
	it has declined and now produces in the neighborhood of
v 3 - 1	25 to 30 barrels a day. We anticipate the new well will
	probably make 35 to 40 barrels a day for some time and
	then level off at 25 to 30, but since it is a very
**,	economical way to make a San Alires completion, we feel
	that it will be, make an economic success.
	In your opinion, the recompletion of this well will be
** .	in the interest of conservation and prevention of waste?
	Yes, sir.
	It will not tend to violate correlative rights in any

```
209 SIMMS BLDG. # P.O. BOX 1092 # PHONE 243-6691 # ALBUQUERQUE, NEW MEXICO 87103
```

```
way?
2 A
        No, sir.
            MR. HINKLE: We'd like to offer Exhibits 1 through 4.
            MR. STAMETS: Without objection, Exhibits 1 through
5 4 will be admitted into evidence. Are there questions of the
6 witness?
            MR. HINKLE: That's all we have.
            MR. STAMETS: Let the record show that the witness
9 is qualified in this particular case to testify.
10
                        CROSS EXAMINATION
  BY MR. STAKETS
        Mr. McGraw, what is the spacing in this particular
12
        field?
13
        The Flying "M" San Andres Field has 80 acre spacing,
14
        and this is, of course, within a mile of the field and
15
        has been placed in the Flying "M" San Andres field.
16
        So everything that you have colored in yellow on your
17
        Exhibit No. 1 will be dedicated to both of these wells?
18
        Yes, sir. This is true.
19
        And both wells are located in standard locations. The
20
        only problem is that they are just too close to one
21
        another?
22
        Too close together. Yes, sir.
23 14 822
            MR. STAMETS: Are there other questions of the
24
```

25 witness? If not, he may be excused. Any further testimony

dearnley, meier & mc cormick

Page 1

### NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING SANTA FE , NEW MEXICO

Hearing Date JANUARY 31, 1973 TIME: 9 A.M.

Jack R. Mc Grand

Bearge McSelmyn

Searge McSelmyn

Joseph Millanne

Mini & Dildanne

Mini & Dildanne

Ellenkodgers

J. L. Moseley

Muth 5. Woodpel

With 5. Woodpel

William Cepan

Skeely

Skeely

Kellah & For

J. W. Byrum

J. bully

Earlin Petro

Baleo Reta Corpo.

Midland, Ten Tuka osla. Sanda de medland, Tyan

LOCATION

Tulsa, Obla. Souti Le, 1. Midland



### OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2008 - SANTA FE 87501

February 14, 1973

GOVERNOR
BRUCE KING
CHAIRMAN
LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY – DIRECTOR

	Re:	Case No	4897	
Mr. Clarence Hinkle Hinkle, Bondurant, Cox & Eaton	:	Order No.	R-4476	
Attorneys at Law		Applicant:		
Post Office Box 10 Roswell, New Mexico 88201			ates Gas Produc	ing

Dear Sir:

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

A. L. PORTER, Jr. Secretary-Director

ALP/ir		
Copy of order also	sent to:	
Hobbs OCC x Artesia OCC		
Aztec OC	<del>d</del> e egyede a temperatur et de la companya et de la companya et de la companya et de la companya et de la companya La companya et de la	
Other		

## BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE NO. 4897 Order No. R-4476

APPLICATION OF COASTAL STATES GAS PRODUCING COMPANY FOR AN UNORTHODOX LOCATION, LEA COUNTY, NEW MEXICO.

### ORDER OF THE COMMISSION

### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 31, 1973, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 14th day of February, 1973, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

### FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Coastal States Gas Producing Company, is the owner and operator of the Gonzales Federal 31 Well No. 3 located 660 feet from the South line and 760 feet from the East line of Section 31, Township 9 South, Range 33 from the East line of Section 31, Township 9 South, Range 33 East, NMPM, Flying "M"-San Andres Pool, Lea County, New Mexico.
- (3) That the applicant proposes to plug back and complete, in the Flying "M"-San Andres Pool, the former Belco Petroleum Corporation U. S. Coastal Well No. 1, log ted 660 feet from the South line and 660 feet from the East line of said Section 31 and to dedicate the E/2 of the SE/4 of the section to both wells.
- (4) That the above-described wells are closer than 330 feet to each other.
- (5) That the E/2 SE/4 of said Section 31 can be efficiently and economically drained and developed by said wells.
- (6) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the oil in the pool, and will otherwise prevent waste and protect correlative rights.

-2-Case No. 4897 Order No. R-4476

### IT IS THEREFORE ORDERED:

- (1) That the applicant, Coastal States Gas Producing Company, is hereby authorized to complete the former Belco Petroleum Corporation U. S. Coastal Well No. 1 at an unorthodox location in the Flying "M"-San Andres Pool, 660 feet from the South line and 660 feet from the East line of Section 31, Township 9 South, Range 33 East, NMPM, Lea County, New Mexico.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO
OLL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX J, ARMIOO, Member

A. L. PORTER, Jr., Member & Secretary

SEAL

#### DOCKET: EXAMINER HEARING - WEDNESDAY - JANUARY 31, 1973

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM, STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- CASE 4897: Application of Coastal States Gas Producing Company for an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Conzales Federal 31 Well No. 1 located 660 feet from the South line and 760 feet from the East line of Section 31, Township 9 South, Range 33 East, Flying "M"-San Andres Pool, Lea County, New Mexico, said well being located nearer than 330 feet to another well capable of producing from the same pool.
- CASE 4898: Application of Eastern Petroleum Company for salt water disposal, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water in the Dakota formation in the open-hole interval from 1385 feet to 1446 feet in its Navajo Well No. 21 in Unit C of Section 3, Township 27 North, Range 17 West, Table Mesa-Dakota Pool, San Juan County, New Mexico.
- CASE 4899: Application of Skelly Oil Company for pool creation and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Morrow gas pool for its well located in Unit P of Section 9, Township 24 South, Range 29 East; Eddy County, New Mexico. Applicant further seeks the promulgation of temporary special rules therefor, including a provision for 640-acre spacing units.
- CASE 4900: Application of Skelly Oil Company for pool creation and special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Fusselman gas pool for its well located in Unit H of Section 20, Township 25 South, Range 36 East, Lea County, New Mexico. Applicant further seeks the promulgation of temporary special rules therefor, including a provision for 640-acre spacing units.
- CASE 4901: Application of Belco Petroleum Corporation for two dual completions, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its Union Mead Well No. 1 located in Unit H of Section 8, and its Union Mead Com Well No. 2 located in Unit N of Section 4, both in Township 22 South, Range 27 East, Eddy County, New Mexico, to produce gas from undesignated Strawn and Morrow gas pools through the casing-tubing annulus and through tubing, respectively.
- CASE 4902: Application of Belco Petroleum Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion of its James Ranch Unit Well No. 3 located in Unit J of Section 1, Township 23 South, Range 30 East, Eddy County,

## (Case 4902 continued from page 1)

New Mexico, in such a manner as to produce gas from the Strawn and Morrow formations, Los Medanos Field Area, through parallel strings

Docket No. 4-73

# DOCKET: REGULAR HEARING - WEDNESDAY - FEBRUARY 7, 1973

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

# CASE 4796: (Continued from the November 21, 1972 Regular Hearing)

Application of Michael P. Grace II and Corinne Grace for capacity allowable, Eddy County, New Mexico. Applicants, in the above-styled cause, seek an exception to the General Rules and Regulations governing the prorated gas pools of Southeast New Mexico, promulgated by Order No. R-1670, as amended, to produce their City of Carlsbad "COM" Well No. 1, located in Unit 0 of Section 25, Township 22 South, Mexico, at full capacity.

(THIS CASE WILL BE CONTINUED TO AN INDEFINITE DATE AND WILL BE READVERTISED BEFORE BEING HEARD.)

### CASE 4869: (De Novo)

Application of Claude C. Kennedy for the amendment of Order No. R-4263, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks to any well located closer than 1320 feet from the outer boundary of the County, New Mexico. Upon application of Claude C. Kennedy, this case will be heard de novo under the provisions of Rule 1220.

### I A ... EXICO OIL CONSERVATION COMMISS ON WELL LOCATION AND ACREAGE DEDICATION PLAT

Poim C-102 Supersedes C-12 Effective 14-65

All distances must be from the outer boundaries of the Section Operator BELCO PETROLEUM CORP U. S. COASTAL Township Section Unit Lette Honze 31 9 South 33 EAST LEA Actual Footage Location of Well: 660 SOUTH editated Acres (e: BOUGH, "C" WILDCAT 40 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been cousult dated by communitization, unitization, force-pooling. etc? If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (I'se reverse side of this form if necessary.)\_ No allowable will be assigned to the well until all interests have been consolidated the communitization, unitization. forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION I hereby certify that the information contoined herein is true and complete to the best of my knowledge and belief-BELCO PETROLEUM CORP I hereby certify that the well location my supervision, and that the same SEPTEMBER 15, -660' 

5000

1800

1000

# NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section GONZALES FEDERAL 31 COASTAL STATES GAS PRODUCING CO. LEA Township 33 EAST 9 SOUTH Unit Letter EAST 760 Actual Footage La SOUTH line and teet from the 660 Producing Formation. 1. Outline the acreage dedicated to the aubject well by colored pencil or hachure marks on the plat below. Ground Level Elev. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? If answer is "yes," type of consolidation \_ If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of Yes No No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a newstandard unit, eliminating such interests, has been approved by the Commis-CERTIFICATION sion. I hereby certify that the information contained herein is true and complete to the of my knowledge and belief. Pesition Exhib Date Surveyed FEBRUARY 2, 1972 Registered Professional Engineer 760<sup>1</sup> 1320 1650 1940 .90

Form 9-331 C

SUBMIT 1 RIPLICATE\*

Form approved.

(vish 1800)		TED STATES T OF THE INT		her instructions of reverse side)	5. LEASE DESIGNATION AND SERIAL NO.
	GEOLO	GICAL SURVEY			NM - 14204
APPLICATION	V FOR PERMIT	TO DRILL, DEE	PEN, OR P	LUG BACK	
		DEEPEN	PLI	UG BACK 🛭	7. UNIT AGREEMENT NAME
b. Type of Well oil X "	AS CELL GTHER		SINGLE ZONE	MULTIPLE ZONE	8. FARM OR LEAST NAME
2. NAME OF OPERATOR  Coastal Sta  3. ADDRESS OF OPERATOR	tes Gas Produci	ng Company			U. S. Coastal 9. WELL NO.
P. O. Box	235, Midland, Toport location clearly and it P, 660 FSL	Cexas 79701 I in accordance with an and 660' FEL,	y State requirements Sec. 31, 7	nts.*) [-9-5,	10. FIELD AND FOOL, OR WILDCAT  Flying "M" San Andres 11. SEC., T., R., M., OR BLK.
R⊶ At proposed prod. 201	33-E, Lea Count	y, New Mexico	3.		Sec. 31, T-9-S, R-33-1
	miles west of				Lea New Mex.
10. DISTANCE FROM PROP LOCATION TO NEARES PROPERTY OR LEASE (Also to nearest dr)	used* T Line, ft	660 <sup>†</sup>	NO. OF ACRES IN	1	NO. OF ACRES ASSIGNED THIS WELL 40
18. DISTANCE FROM PROT TO NEAREST WELL, I OR APPLIED FOR, ON TH	RILLING, COMPLETED,	1001	4,400 <sup>1</sup>	20. 1	Workover rig
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)			• • • • • • • • • • • • • • • • • • •	January 15, 1973
23.		PROPOSED CASING	AND CEMENTING	PROGRAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING I	рерти	QUANTITY OF CEMENT
7-7/8"	5-1/2"	17#	4,400	)!	250 sxs.
1. Coastal	States purchase	ed from Belco	Petroleum (	Corp. this	well on November 15, 1972.

- 2. Coastal States plans to set a cement plug across all perfs. from 9,001 to 9,006 and cut and pull csg. from approximately 6,500. A cement plug will be set at the csg. stub at 6,500<sup>t</sup>. 4900-5000
- 3. The 5-1/2", 17#, K-55, csg. will be re-run to 4,400 and cemented with 250 sacks.
- 4. The Slaughter Zone of the San Andres will be perforated from 4,2421-551, 621-641, 67'-73' with 2 JSPF.
- 5. Perfs. will be acidized with 1000 gal. 28% and 2000 gal. 15% NE Acid.
- 6. Thg. will be run to 4,240° and well will be placed on production.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or ping back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

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(This space for Federal or State office use)  PERMIT NO	APPROVAL DATE	
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\*See Instructions On Reverse Side

P. O. BOX 235

COASTAL STATES GAS PRODUCING COMPANY Wase 4897

WILCO BUILDING MIDLAND, TEX

79701

January 4, 1 OIL CONSERVATION COMM Santa Fe

Mr. A. L. Porter, Chairman New Mexico Oil Conservation Commission P. O. Box 2085 Santa Fe, New Mexico 87501

### Dear Sir:

On November 15, 1972, Coastal States purchased from Belco Petroleum Corp. their U. S. Coastal No. 1 located in Unit P, Section 31, T-9-S, R-33-E. This well was originally farmed out from Coastal States and drilled to 9,100 to test the Bough C formation. The Bough C formation was determined to be non-productive, and the well was shut-in in October, 1972. The San Andres was cored from 4,2491 to 4,337' at Coastal States' expense; while the well was being drilled by Belco. The farmout agreement from Coastal States to Belco did not give them the rights to the San Andres formation.

Based on the information gained from this core, Coastal States drilled their Consales Federal 31 No. 1 in Unit J, Section 31, T-9-S, R-33-E. This well was completed on December 29, 1971 and potentialed for 133 BO and 20 BW per day. Subsequently, six additional wells were drilled in the area. In February, 1972, Coastal States drilled the Consales Federal 31 No. 3 100 feet west of the Belco U. S. Coastal No. 1, and completed it for 114 BO and 14 BW per day. At the present time, this well is producing 25 BOPD and 35 BWPD.

**DOCKET MAILED** 

Mr. A. L. Porter, Chairman New Mexico Conservation Commission

Page 2

Coastal States respectfully requests permission to complete the U. S. Coastal No. 1 in the San Andres formation. No additional allowable is requested. Both wells will be produced simultaneously at some rate less than the maximum allowable for this proration unit. The attached USGS Form 9-331 shows the procedure that we plan to follow in rlugging this well back to the San Andres formation.

We respectfully request that this be approved administratively, or that it be set for hearing at the next regular hearing date.

Attached is a location plat for both the Coastal States Consales Federal 31 No. 3 and the Belco U. S. Coastal No. 1. Also attached is a plat showing all the producing wells in the area of the Flying "M" San Andres Unit.

If additional information is needed, please adivse.

Yours very truly,

Jack R. M. Gran Jack R. McGraw Division Petroleum Engineer

JRM:rc Attachments

Clarence Hinkle Bill Elliott Warren A. Rees

Case 4897
Supersedes 6-128Effective 1-1-55

## NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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## NEW ... EXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

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Form 9-331 C (May 1963)

Case 4897
TE\* Form approved.
Budget Bureau No. 42-R1425. SUBMIT IN TRIPLICATE

#### (Other instructions on reverse side) UNITED STATES DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. **GEOLOGICAL SURVEY** NM - 14204 IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 7. UNIT AGREEMENT NAME PLUG BACK 🛭 DRILL DEEPEN b. TYPE OF WELL MULTIPLE D MELL X ZONE S. FARM OR LEASE NAME WELL 2. NAME OF OPERATO U. S. Coasta Coastal States Gas Producing Company 8. ADDRESS OF OPERATOR P. O. Box 235, Midland, Texas 79701 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At surface Unit P, 660' FSL and 660' FEL, Sec. 31, T-9-S, R-33-E, Lea County, New Mexico At proposed prod. zone 10. FIELD AND POOL, OR WILDCAT Flying "M" San Andres sec., T., B., M., OR BLK. AND SURVEY OR AREA 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 15 miles west of Crossroads, 10. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST, PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 100° New Mexico 16. No. of acres in lease New Mex. 80 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 4,400 100° Workover rig | 22. APPEOX. DATE WORK WILL START\* 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4223 GR January 15, 1973 PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 5-1/2" 250 sxs. 7-7/811 17# 4,400 Coastal States purchased from Belco Petroleum Corp. this well on November 15, 1972. 2. Coastal States plans to set a cement plug across all perfs. from 9,001 to 9,0061 and cut and pull csg. from approximately 6,500°. A cement plug will be set at the csg. stub at 6,500'. 3. The 5-1/2", 17#, K-55, csg. will be re-run to 4,400° and cemented with 250 sacks.

- 4. The Slaughter Zone of the San Andres will be perforated from 4,2421-551, 621-641,
- 5. Perfs. will be acidized with 1000 gal. 28% and 2000 gal. 15% NE Acid.
- 6. Tbg. will be run to 4,240° and well will be placed on production.

671-731 with 2 JSPF.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

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Form 9-331 (May 1963)	UNITED S DEPARTMENT OF GEOLOGIC		SUBMIT IN TRI (Other instruction verse side)	PLICATE 5. 1	Form approve Budget Butes Bussel Designation	
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BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE NO. 4897 Order No. R-44

APPLICATION OF COASTAL STATES GAS PRODUCING COMPANY FOR AN UNORTHODOX LOCATION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 31, at Santa Fe, New Mexico, before Examiner Richard L. Stamets

NOW, on this day of February, 1973, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the promises. in the premises,

### FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Coastal States Gas Producing Company, is the operator of a protection unit comprising the from the South line and 760 feet from the Coat line of Section 31, Township 9 South, Range 33 East, NMPM, Flying "M"-San Andres Pool, Lea County, New Mexico, en which

unit with said Gronzales Federal 3/ Wall No3, the applicant (3) That the applicant proposes to plus back and complete, in the interprete Flying "M" San Andrea Prolimer Baleo Petroloum Corporation U.S. Coostal Well No South line and 660 feet tramster line & of soid Section 3/ and to dedicate the E/2 of the SE14 both wells,

-2-Case No. 4897 Order No. R-

- (3) That the applicant seeks authority to drill its Federal 31 Well No. 1 at an unorthodox location 660 feet from the South line and 760 feet from the East line of Section 31 Township South, Range 33 East, NMPM, Flying "M"-San Andres Pool, Lea County New Mexico.
- (4) That the above-described wells are closer than 330 feet to each other.

(5) That the applicant now seeks authority to produce both well as unit wells for the above described provation unit.

- (5) That the <u>E/A SE/4</u> of said Section 31 can be efficiently and economically drained and developed by said wells.
- the applicant the opportunity to produce its just and equitable share of the oil in the pool, and will otherwise prevent waste and protect correlative rights.

### IT IS THEREFORE ORDERED:

- is hereby authorized to drill its Foderal 31 Well No lat an Company, and by ful from the South Its and by the from the East line of Section 31, Township 9 South, Range 33 East, NMPM, Lea County, New Mexico.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

  DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.