In Reply Refer To: MS 5231 September 8, 1995

Coastal Oil & Gas Corporation
Attention: Ms. Susan B. Becnel
Coastal Tower
Nine Greenway Plaza
Houston, Texas 77046-0995

Gentlemen:

Reference is made to the following plan received August 25, 1995:

Type Plan - Supplemental Development Operations Coordination Document
Lease - OCS-G 6231
Block - A-497
Area - High Island
Activities Proposed - Well B-4 from existing Platform B

In accordance with 30 CFR 250.34, this plan is hereby deemed submitted and is now being considered for approval.

Your control number is S-3757 and should be referenced in your communication and correspondence concerning this plan.

Sincerely,

(Orig. Sgd.) Kent E. Stauffer

For

Donald C. Howard
Regional Supervisor
Field Operations

bcc: Lease OCS-G 6231 POD File (MS 5032)
MS 5034 w/public info. copy of the plan
and accomp. info.

AGobert:cic:09/05/95:DOCDCOM

NOTED-SCHEXNAILDRE

SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCK A-497

OCS-G 6231

OFFSHORE, TEXAS

AUGUST 1995

PUBLIC INFORMATION

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

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SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

PROPOSED DEVELOPMENT ACTIVITIES AND SCHEDULE

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCK A-497

OCS-G-6231

PROPOSED DEVELOPMENT ACTIVITIES AND SCHEDULE

COASTAL OIL AND GAS CORPORATION (COASTAL) plans to drill an additional well, the B-4, from the existing Platform "B" location. Wells B-1, B-2, and B-3 have been drilled under an approved DOCD for this block. The DOCD was approved in 1986.

All separation, dehydration, testing and metering will take place on the HI A-497 "AB" platform. No modifications to the existing facilities will be necessary to accommodate anticipated production from the proposed well. Production from the wells on the "B" Platform flows to the HI A-497 "A" platform via a six inch (6") gas Flowline. An initial combined production rate from wells B-1 through B-4 is expected to be:

10 MMCFPD	160 BCPD	500 BWPD

The estimated reserve life is approximately 6 years.

No new technology will be utilized during this operation.

No new nearshore or onshore pipelines or facilities will be constructed.

All gas processing will take place on the "A" platform.

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

PROPOSED ACTIVITY SCHEDULE

Drill and complete Well B-4 . . . . . September 1995

Commence production . . . . . October 1995

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCK A-497

OCS-G-6231

WELLS AND PLATFORM LOCATIONS

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCK 497

OCS-G-6231

PROPOSED WELL LOCATIONS

WELL	SL	WD
B-4	4395' FWL & 7119' FSL	219'

PUBLIC INFORMATION

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

GEOLOGICAL INTERPRETATION, SHALLOW HAZARDS AND .. ARCHEOLOGICAL REPORT AND STRUCTURE MAP(S)

PROPRIETARY DATA

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6245

RIG DESCRIPTION AND SAFETY FEATURES, SAFETY AND ENVIRONMENTAL SAFEGUARDS, MUD COMPONENTS AND ADDITIVES

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

RIG DESCRIPTION

The proposed well B-4 will be drilled and completed with a jack-up rig. The specifications for the actual drilling vessel and safety equipment will be submitted with the application for Permit to Drill for the OCS-G-6231, Well B-4. The drilling vessel used to drill the above-mentioned well will contain and maintain various safety equipment in accordance with 30 CFR 250.57 (Subpart D), such as diverter system, blowout preventers, auxiliary equipment, and mud testing and monitoring equipment. Drilling operations will be conducted in a manner so as to maximize pollution prevention in accordance with 30 CFR 250.40 (Subpart C). All other safety and control equipment will be utilized in accordance with 30 CFR 250 (Subparts C, D and H).

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

SAFETY AND ENVIRONMENTAL SAFEGUARDS

Safety features during drilling operations will include well control and blowout prevention equipment that meets or exceeds the requirements of 30 CFR Part 250 Subpart D.

Oil in any form shall not be disposed of into the waters of the Gulf of Mexico.

Liquid waste materials containing substances which may be harmful to aquatic life or wildlife, or injurious in any manner to life or property shall be treated to avoid disposal of harmful substances into the waters of the Gulf.

Drilling muds containing oil are not disposed of into the Gulf. This type of material is loaded and barged to shore for proper disposal. Drilling mud containing toxic substances are neutralized prior to disposal.

Drilling cuttings, and solids containing oil are not disposed of into the Gulf unless the oil has been removed.

The subject offshore mobile drilling unit is equipped with drip pans under the rig floor. All oil from diesel engines is pumped to a sump and then pumped into barrels for return to an approved onshore disposal site.

Operator personnel are instructed in the techniques and methods necessary to prevent pollution. Non-operator personnel are instructed and supervised to insure that non-pollution practices are adhered to. The facilities are inspected daily.

DRILLING MUD COMPONENTS

COMMON CHEMICAL OR CHEMICAL TRADE NAME	DESCRIPTION OF MATERIAL
Aluminum Stearate	Aluminum Stearate
"AKTAFLO-S"	Nonionic Surfactant
Barite	Barium Sulfate (BaSO4)
Calcium Carbonate	Aragonite (CaCO3)
Calcium Chloride	Hydrophilite (CaC12)
Calcium Oxide	Lime (Quick)
Calcium Sulfate	Anhydrite (CaSO4)
Carboxymethyl Cellulose	Carboxymethyl Cellulose
Caustic Potash	Potassium Hydrate
Caustic Soda	Sodium Hydroxide (NaOH)
Chrome Lignite	Chrome Lignite
Chrome Lignosulfonate	Chrome Lignosulfonate
Drilling Detergent	Soap
"E-Pal"	No-toxic, biodegradable defoamer
Ferrochrome Lignosulfonate	Derived from wood pulp
Gel	Sodium montmorillonite, bentonite, attapulgite
Gypsum	CaSO4.2H2O
Lignite	Lignite
Lignosulfonate	Lignosulfonate
"Mud-Sweep"	Cement Pre-Flush
"MOR-REX"	Hydrolyzed Cereal Solid
"Shale-Trol"	Organo-aluminum complex
Sapp	Sodium Acid Pyrophosphate
Soda Ash	Sodium Carbonate
Sodium Bicarbonate	NaHCO3
Sodium Carboxymethyl Cellulose	Sodium Carboxymethyl Cellulose
Sodium Chloride	NaC1
Sodium Chromate	NaCr04.10H2O
Starch	Corn Starch
"TX-9010"	Biodegradable drilling lubricant
"TORO-Trim"	Biodegradable drilling lubricant

MUD ADDITIVES

COMMON CHEMICAL OR CHEMICAL TRADE NAME	DESCRIPTION OF MATERIAL
"Black Magic"	Oil base mud conc.
"Black Magic Supermix"	Sacked concentrated oil base mud
Diesel pills	Used to mix certain loss-circulation
"Jelflake"	Plastic foil, shredded cellophane
MICA	Loss-circulation material
"Pipe-Lax"	Surfactant mixed with diesel
"Wall-nut"	Ground walnut shells
Wood fibers	Loss-circulation material

SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

Block A-497

OCS-G-6231

QUANTITY, RATES OF DISCHARGE, AND COMPOSITION OF WASTES, AND OIL SPILL TRAJECTORY ANALYSIS

COASTAL OIL AND GAS CORPORATION

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

QUANTITY, RATES OF DISCHARGE, AND COMPOSITION OF WASTES

All discharges associated with the drilling and production of the proposed wells will be in accordance with the EPA NPDES General Permit GMG290000 for the Gulf of Mexico.

Cuttings discharges are based on the average hold size for each section of hole. Mud may be discharged for purposes of dilution or at end of well. The fluid used for drilling will be a typical lignosulfonate mud unless otherwise noted in the drilling program. Concentrations of the chemicals in the mud can be estimated from the daily fluids chemical inventory. Other surveillance of the fluid is accomplished by the monthly and end-of-well LC50 toxicity tests required by EPA. Any drilling fluid contaminated with oil will be transported to shore for proper disposal at an authorized disposal site.

Sewage will be treated on location with an approved U. S. G. S. marine sanitation device.

Solid domestic wastes will be transported to shore for proper disposal at an authorized disposal site.

Produced water discharges will be based on the actual produced waters from each well. Produced water samples will be grabbed at lease once each month and analyzed for oil/grease content.

Deck drainage will be estimated by amount of rainfall and wash water used.

A discussion of the quantity, rates of discharge and composition of solid and liquid wastes are attached.

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

OIL SPILL TRAJECTORY ANALYSIS

In the event a spill occurs from High Island Block A-497, the company has projected trajectory of a spill utilizing information in the Environmental Impact Statement (EIS) for OCS Lease Sale 150.

The EIS contains oil spill trajectory simulations using seasonal surface currents coupled with wind data, adjusted every 3 hours for 30 days or until a target is contacted.

Hypothetical spill trajectories were simulated for each of the potential launch sites across the entire Gulf. These simulations presume 500 spills occurring in each of the four seasons of the year. The results in the EIS were presented as probabilities that an oil spill beginning from a particular launch site would contact a certain land segment within 3, 10, or 30 days. Utilizing the summary of the trajectory analysis (for 10 days), the probable projected land fall of an oil spill from High Island Block 497 is as follows. Also listed is the CGA Map Number corresponding to the land segment. This information will be utilized to determine environmentally sensitive areas that may be affected by a spill.

AREA	LAND SEGMENT CONTACT	%	CGA MAP NO.
High Island 497	N/A	<1	N/A

Section V, Volume II of the CGA Manual containing maps as listed above, also includes equipment containment/cleanup protection response modes for the sensitive areas. Pollution response equipment available from CGA and its stockpile base in Cameron, Louisiana, is listed in the CGA Manual Volume I, Section III.

Section VI, Volume II of the CGA Operations Manual depicts the protection response modes that are applicable for oil spill clean-up operations. Each response mode is schematically represented to show optimum deployment and operation of the equipment in area of environmental concern. Implementation of the suggested procedures assures the most effective use of the equipment and will result in reduced adverse impact of oil spills on the environment. Supervisory personnel have

the option to modify the deployment and operation of equipment to more effectively respond to site-specific circumstances.

COASTAL OIL AND GAS CORPORATION will make every effort to see that a spill from High Island A-497 will be responded to as quickly as possible. Response equipment and response times will be suitable for anticipated environmental conditions in the area. In good weather conditions fast response with oil boom, skimmers, pump and storage tanks would require approximately 12 to 13 hours, including preparation time as indicated below. A heavy equipment system response would require approximately 24-36 hours, including 6 hours preparation time. The Clean Gulf Base in Galveston, TX will be utilized for this operation.

PROCUREMENT AND DEPLOYMENT TIME

		Hours
1)	Procurement of boat capable of handling Oil Spill Containment equipment and deployment to nearest CGA base in Cameron, LA	2.0
2)	Load out Fast Response Unit	1.5
3)	Travel to lease site from CGA Base (95 miles to lease site @ 10 mph)	9.5
	Estimated Total Time	13.0

All necessary precautions will be undertaken to protect the sensitive areas including deployment of booms, skimmers, pumps, scare guns, etc. In the event a spill is projected to hit near-shore sensitive areas, COASTAL OIL AND GAS CORPORATION will immediately procure truck(s) (as per our approved Oil Spill Contingency Plan) to transport containment equipment to the staging area. Helicopters may be utilized to transport near-shore booms, scare guns, hand skimming systems, and sorbent pads.

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

DISCHARGES

WELL	DEPTHS	HOLE SIZES	QUANTITY (BBLS)	DISCHARGE RATE
B-4	525'	30"	294	MAX. 1000 BPH
	1000'	22"	470	MAX. 1000 BPH
	3600'	17-1/2"	774	MAX. 1000 BPH
	6300'	12-1/4"	919	MAX. 1000 BPH
	11,100	8-1/2"	780	MAX. 1000 BPH
		Total Estimated Discharges	3237	

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

Request for Classification of Probability of Encountering H_2S During Operations

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

Hydrogen Sulfide (H_2S)

In accordance with 30 CFR 250.67, COASTAL OIL AND GAS CORPORATION requests that HIGH ISLAND A-497, OCS-G-6231 be classified as being in a "Zone Where the Absence of H_2S has been Confirmed."

Hydrogen Sulfide was not encountered or detected in any of the wells drilled by Coastal Oil & Gas Corporation, Koch Exploration, ARCO, or C& K in this block or in High Island A-518.

OPERATOR	BLOCK	LEASE	WELL	DEPTH
ARCO	A-497	G-6245	#2	10,200'
C& K	A-497	G-6245	#3	9200'
Koch	A-497	G-6245	A-5	7980'
Coastal	HI A-518	G-11389	#1 ST1	8863'
Coastal	HI A-518	G-11389	#2	9098'

AIR EMISSION CALCULATIONS

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	LATITUDE	LONGITUDE	CONTACT		PHONE	REMARKS					
COASTAL OIL & GAS CORPO	HIGH ISLAND	A-497	OCS-G 6231	"B"	B-4	28 10' 27.24	94 3' 38.176	SUSAN B. BECNEL		713/877-6288	SUPPLEMENTAL DOCD					
OPERATIONS	EQUIPMENT		MAX. FUEL	ACT. FUEL	RUN TIME		POUNDS PER HOUR					TONS PER YEAR				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	TSP	SOx	NOx	VOC	CO	TSP	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	1250	60.38	1449.00	24	45	0.66	4.10	30.29	0.91	6.61	0.36	2.22	16.35	0.49	3.57
	PRIME MOVER>600hp diesel	1250	60.38	1449.00	24	45	0.66	4.10	30.29	0.91	6.61	0.36	2.22	16.35	0.49	3.57
	PRIME MOVER>600hp diesel	1250	60.38	1449.00	24	45	0.66	4.10	30.29	0.91	6.61	0.36	2.22	16.35	0.49	3.57
	PRIME MOVER>600hp diesel	1250	60.38	1449.00	24	45	0.66	4.10	30.29	0.91	6.61	0.36	2.22	16.35	0.49	3.57
	AUXILIARY EQUIP<600hp diesel	600	28.98	695.52	2	4	1.32	1.23	18.50	1.48	4.00	0.01	0.00	0.07	0.01	0.02
	VESSELS>600hp diesel	1250	60.38	1449.00	4	20	0.66	4.10	30.29	0.91	6.61	0.03	0.16	1.21	0.04	0.26
	VESSELS>600hp diesel	2025	97.81	2347.38	24	30	1.07	6.65	49.06	1.47	10.70	0.39	2.39	17.66	0.53	3.85
PIPELINE	PIPELINE LAY BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INSTALLATION	SUPPORT VESSEL diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY	DERRICK BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INSTALLATION	MATERIAL TUG diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel	0	0.00	0.00	1	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP.<600hp diesel	85	4.11	98.53	1	12	0.04	0.28	2.06	0.06	0.45	0.00	0.00	0.01	0.00	0.00
	SUPPORT VESSEL diesel	2050	99.02	2376.36	24	112	1.08	6.73	49.67	1.49	10.84	1.46	9.04	66.76	2.00	14.56
	TURBINE nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.2 cycle lean nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle lean nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle rich nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	BURNER nat gas	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0.00	
	FLARE-		300000		24	1		0.00	21.42	18.09	116.55		0.00	0.26	0.22	1.40
	PROCESS VENT-		0		0	0				0.00					0.00	
	FUGITIVES-			32.0		112				0.00					0.00	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
DRILLING	OIL BURN	30			24	1	0.53	8.25	2.88	0.01	0.26	0.01	0.10	0.03	0.00	0.00
WELL TEST	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
1995	YEAR TOTAL						**7.35**	**43.65**	**295.02**	**27.15**	**175.85**	**3.31**	**20.57**	**151.43**	**4.76**	**34.38**
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											2930.40	2930.40	2930.40	2930.40	68278.24
	88.0															

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AIR EMISSION CALCULATIONS

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	LATITUDE	LONGITUDE	CONTACT		PHONE	REMARKS					
COASTAL OIL & GAS CORPO	HIGH ISLAND	A-497	OCS-G 6231	"B"	B-4	28 10' 27.24	94 3' 38.176	SUSAN B. BECNEL		713/877-6288	SUPPLEMENTAL DOCD					
OPERATIONS	EQUIPMENT		MAX. FUEL	ACT. FUEL	RUN TIME		POUNDS PER HOUR					TONS PER YEAR				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	TSP	SOx	NOx	VOC	CO	TSP	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	1500	26.75	642.00	24	195	0.79	4.92	36.34	1.09	7.93	1.86	11.52	85.04	2.55	18.56
	PRIME MOVER>600hp diesel	1500	26.75	642.00	24	195	0.79	4.92	36.34	1.09	7.93	1.86	11.52	85.04	2.55	18.56
	PRIME MOVER>600hp diesel	1500	26.75	642.00	24	195	0.79	4.92	36.34	1.09	7.93	1.86	11.52	85.04	2.55	18.56
	STANDBY GENRTR>600hp diesel	900	18.75	450.00	24	195	1.98	1.85	27.75	2.22	6.01	4.64	4.32	64.94	5.20	14.06
	VESSELS>600hp diesel	4400	212.52	5100.48	24	195	2.33	14.44	106.61	3.20	23.26	5.44	33.79	249.46	7.48	54.43
PIPELINE	PIPELINE LAY BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INSTALLATION	SUPPORT VESSEL diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY	DERRICK BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INSTALLATIONOAWA;RR156	MATERIAL TUG diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP.<600hp diesel	85	4.11	98.53	1	12	0.04	0.28	2.06	0.06	0.45	0.00	0.00	0.01	0.00	0.00
	SUPPORT VESSEL diesel	2050	99.02	2376.36	24	365	1.08	6.73	49.67	1.49	10.84	4.75	29.47	217.55	6.53	47.47
	TURBINE nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.2 cycle lean nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle lean nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle rich nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	BURNERS nat gas	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0.00	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	PROCESS VENT-		0		0	0				0.00					0.00	
	FUGITIVES-			32.0		365				0.00					0.00	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
DRILLING	OIL BURN	0				0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WELL TEST	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
1996	YEAR TOTAL						7.82	38.06	295.12	10.24	64.34	20.39	102.14	787.10	26.86	171.62
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											2930.40	2930.40	2930.40	2930.40	68278.24
	88.0															

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AIR EMISSION CALCULATIONS

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	LATITUDE	LONGITUDE	CONTACT		PHONE	REMARKS					
COASTAL OIL & GAS CORPO	HIGH ISLAND	A-497	OCS-G 6231	"B"	B-4	28 10' 27.24	94 3' 38.176	SUSAN B. BECNEL		713/877-6288	SUPPLEMENTAL DOCD					
OPERATIONS	EQUIPMENT		MAX. FUEL	ACT. FUEL	RUN TIME		POUNDS PER HOUR					TONS PER YEAR				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	TSP	SOx	NOx	VOC	CO	TSP	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AUXILIARY EQUIP<600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PIPELINE	PIPELINE LAY BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INSTALLATION	SUPPORT VESSEL diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY	DERRICK BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INSTALLATION	MATERIAL TUG diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP.<600hp diesel	65	4.11	98.53	1	12	0.04	0.28	2.06	0.06	0.45	0.00	0.00	0.01	0.00	0.00
	SUPPORT VESSEL diesel	2050	99.02	2376.36	24	365	1.08	6.73	49.67	1.49	10.84	4.75	29.47	217.55	6.53	47.47
	TURBINE nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.2 cycle lean nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle lean nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle rich nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	BURNER nat gas	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0.00	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	PROCESS VENT-		0		0	0				0.00					0.00	
	FUGITIVES-			32.0		365				0.00					0.00	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
DRILLING	OIL BURN	0				0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WELL TEST	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
1997	YEAR TOTAL						1.13	7.01	51.73	1.65	11.29	4.75	29.47	217.57	6.53	47.47
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES															
	88.0											2930.40	2930.40	2930.40	2930.40	68278.24

BEST AVAILABLE COPY

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	LATITUDE	LONGITUDE	CONTACT		PHONE	REMARKS					
COASTAL OIL & GAS CORPO	HIGH ISLAND	A-497	OCS-G 6231	"B"	B-4	28 10' 27.24	94 3' 38.176	SUSAN B. BECNEL		713/877-6288	SUPPLEMENTAL DOCD					
OPERATIONS	EQUIPMENT		MAX. FUEL	ACT. FUEL	RUN TIME		POUNDS PER HOUR					TONS PER YEAR				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	TSP	SOx	NOx	VOC	CO	TSP	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AUXILIARY EQUIP<600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PIPELINE	PIPELINE LAY BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INSTALLATION	SUPPORT VESSEL diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY	DERRICK BARGE diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INSTALLATION	MATERIAL TUG diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP.<600hp diesel	85	4.11	98.53	1	12	0.04	0.28	2.06	0.06	0.45	0.00	0.00	0.01	0.00	0.00
	SUPPORT VESSEL diesel	2050	99.02	2376.36	24	365	1.08	6.73	49.67	1.49	10.84	4.75	29.47	217.55	6.53	47.47
	TURBINE nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.2 cycle lean nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle lean nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle rich nat gas	0	0.00	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	BURNER nat gas	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0.00	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	PROCESS VENT-		0		0	0				0.00					0.00	
	FUGITIVES-			32.0		365				0.00					0.00	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
DRILLING	OIL BURN	0				0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WELL TEST	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
1998	YEAR TOTAL						**1.13**	**7.01**	**51.73**	**1.56**	**11.29**	**4.75**	**29.47**	**217.57**	**6.53**	**47.47**
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											2930.40	2930.40	2930.40	2930.40	68278.24
	88.0															

BEST AVAILABLE COPY

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

AIR QUALITY REVIEW

NOTE: There will be no changes to the existing facilities as a result of the anticipated production from Well B-4.

AIR EMISSION CALCULATIONS

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL
COASTAL OI	HIGH ISLAN	A-497	OCS-G 6231	"B"	B-4

Year	Emitted Substance				
	TSP	SOx	NOx	HC	CO
1995	3.31	20.57	151.43	4.76	34.38
1996	20.39	102.14	787.10	26.86	171.62
1997	20.39	102.14	787.10	26.86	171.62
1998	20.39	102.14	787.10	26.86	171.62
1999	20.39	102.14	787.10	26.86	171.62
2000	20.39	102.14	787.10	26.86	171.62
2001	0.00	0.00	0.00	0.00	0.00
2002	0.00	0.00	0.00	0.00	0.00
2003	0.00	0.00	0.00	0.00	0.00
2004	0.00	0.00	0.00	0.00	0.00
Allowable	2930.40	2930.40	2930.40	2930.40	68278.24

AIR EMISSION CALCULATIONS

Fuel Usage Conversion Factors	Natural Gas Turbines		Natural Gas Engines		Diesel Recip. Engine		REF.	DATE
	SCF/hp-hr	9.524	SCF/hp-hr	7.143	GAL/hp-hr	0.0483	AP42 3.2-1	4/76 & 8/84

Equipment/Emission Factors	units	TSP	SOx	NOx	VOC	CO	REF.	DATE
NG Turbines	gms/hp-hr		0.00247	1.3	0.01	0.83	AP42 3.2-2	4/93
NG 2-cycle lean	gms/hp-hr		0.00185	11	0.43	1.5	AP42 3.2-2	4/93
NG 4-cycle lean	gms/hp-hr		0.00185	12	0.72	1.6	AP42 3.2-2	4/93
NG 4-cycle rich	gms/hp-hr		0.00185	10	0.14	8.6	AP42 3.2-2	4/93
Diesel Recip. < 600 hp.	gms/hp-hr	1	0.931	14	1.12	3.03	AP42 3.3-1	4/93
Diesel Recip. > 600 hp.	gms/hp-hr	0.24	1.49	11	0.33	2.4	AP42 3.4-1	4/93
NG Heaters/Boilers/Burners	lbs/mmscf	5	0.6	140	2.8	35	AP42 1.4-1	4/93
NG Flares	lbs/mmscf		0.57	71.4	60.3	388.5	AP42 11.5-1	9/91
Liquid Flaring	lbs/bbls	0.42	6.6	2.3	0.01	0.21	AP421.3-1	4/93
Tank Vapors	lbs/bbl				0.03		E&P Forum	1/93
Fugitives	lbs/hr/comp.				0.000025		API Study	12/93
Glycol Dehydrator Vent	lbs/mmscf				6.6		La. DEQ	1991
Gas Venting	lbs/scf				0.0034			

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

ONSHORE BASE FACILITIES, VICINITY MAP

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCK A-497

OCS-G-6231

ONSHORE SUPPORT BASE FACILITIES
VICINITY MAP

The onshore support base facilities at Galveston, Texas will serve as the onshore support base facilities during the drilling and completion of well B-4 in High Island A-497. This will serve as port of debarkation for supplies and crews. Typical supply and crew boats will be utilized throughout the drilling, completion and hook-up operations. Boat and helicopter travel to and from the base will be over the most direct routes. No additional personnel will be required to conduct the proposed drilling, completion, and hook-up operations.

FREQUENCY OF TRAVEL

Drilling		
Crew boats	-	four trips/week
Supply boats	-	seven trips/week
Helicopters	-	seven trips/week
Production		
Supply boats	-	seven trips/week
Helicopters	-	seven trips/week

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G-6231

COMPANY CONTACT

SUPPLEMENTAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

HIGH ISLAND AREA

BLOCKS A-497

OCS-G 6231

COASTAL OIL AND GAS CORPORATION

COMPANY CONTACT:

Susan B. Becnel
9 Greenway Plaza, S. 2763
Houston, Texas 77046

713/877-6288