In Reply Refer To: MS 5231

April 3, 1992

Taylor Energy Company
Attention: Ms. Lydia Toups McCombs
2-3-4 Loyola Building
New Orleans, Louisiana 70112

Gentlemen:

NOTED -- KRAMER

Reference is made to the following plan received March 20, 1992:

Type Plan - Initial Plan of Exploration
Lease - OCS-G 12419
Block - 826
Area - Mustang Island
Activities Proposed - Well A

In accordance with 30 CFR 250.33, this plan is hereby deemed submitted and is now being considered for approval.

Your control number is N-4268 and should be referenced in your communication and correspondence concerning this plan.

Sincerely,

(Orig. Sgd.) A. Donald Giroir

D. J. Bourgeois
Regional Supervisor
Field Operations

bcc: Lease OCS-G 12419 POD File (MS 5032)
MS 5034 w/public info. copy of the plan
and accomp. info.

DTrocquet:clc 03/23/92:POECOM

Office of
Program Services
APR 7 1992
Information Services
Section

N 1468

PATRICK F. TAYLOR
Chairman and CEO

TAYLOR
ENERGY COMPANY

March 19, 1992

Mr. Dan Bourgeois
Supervisor for Field Operations
Minerals Management Service
1201 Elmwood Park
New Orleans, Louisiana 70123-2394

Dear Mr. Bourgeois:

Taylor Energy Company (TEC) hereby submits an Initial Plan of Exploration for Mustang Island Block 826, OCS-G 12419. Included in this package are five confidential plans and four public information plans.

Taylor Energy Company has its home office at 2-3-4 Loyola Ave., Suite 500, New Orleans, Louisiana 70112-2090. Our telephone number is (504) 581-5491. If any additional information is required, please contact me.

Yours very truly,

TAYLOR ENERGY COMPANY

Lydia Toups McCombs
Land Assistant

lt

Enclosure

INITIAL PLAN OF EXPLORATION
GULF OF MEXICO: OFFSHORE LOUISIANA
MUSTANG ISLAND AREA BLOCK 826, OCS-G 12419
TAYLOR ENERGY COMPANY

March 1992

Ms. Lydia Toups McCombs
Land Assistant
Taylor Energy Company
2-3-4 Loyola Ave.
Suite 500
New Orleans, Louisiana 70112
Phone: (504) 581-5491

TAYLOR ENERGY COMPANY
INITIAL PLAN OF EXPLORATION
MUSTANG ISLAND BLOCK 826 (OCS-G 12419)
OFFSHORE, TEXAS

Taylor Energy Company (Taylor) as designated Operator of the subject blocks, submits this revised Plan of Exploration in accordance with regulations contained in Title 30 CFR 250.34 and more specifically defined in the Minerals Management Service Letters to Lessees and Operators dated October 12, 1988 and September 5, 1989.

1. DESCRIPTION:

Mustang Island Block 826 is located approximately 32 miles southeast of Harbour Island in 134' of water.

This Plan of Exploration provides for the drilling of one (1) well in Mustang Island Block 826, location A. The well will be drilled from a surface location in Block 826 which is as follows:

8650' FNL and 4050' FEL of Block 826

Drilling of this well should commence . The well should take approximately 20 days to drill. The estimated time to complete the proposed activity is 6 months.

2. DESCRIPTION OF DRILLING RIG AND POLLUTION PREVENTION EQUIPMENT:

Taylor Energy Company plans to use the drilling rig Glomar High Island I whose specifications and features (e.g., safety features, pollution prevention and control equipment) are given in Attachment A.

3. WELL LOCATION:

The surface location (SL), bottom hole location (BH), true vertical depth (TVD), and water depth (WD), for each well is as follows:

Well	SL	BH	TVD	WD
A	8650'FNL, 4050'FEL of Block 826			134'

SUPPORTING INFORMATION

1. STRUCTURE MAP

Current structure maps are enclosed as Attachment B.

2. BATHYMETRY MAP

A Bathymetry map with the surface location of each proposed well is shown in Attachment C-1.

3. HAZARD STUDY

John Chance and Associates were contracted to perform an Archeological and Shallow Hazard Survey over the east half of Mustang Island Block 826 in December of 1990. Field work and subsequent interpretations strictly follow federal guidelines for these type surveys. The exploration department has reviewed this data and proposes a surface location 8650' FNL and 4050' FEL of Block 826.

Sixteen unidentified magnetic anomalies were recorded in the survey area. No sonar contacts were associated with any of the anomaly locations and the closest anomaly is approximately 1100' southwest of the proposed location.

Copies of water gun lines 5 and 13 are enclosed for your inspection.

Copies of sparker lines near well locations are in Attachment C-2.

4. OIL SPILL CONTINGENCY PLAN

All drilling, construction and production operations shall be performed in accordance with industry standards to prevent pollution of the environment. Taylor Energy Company's Oil Spill Contingency Plan has been approved by MMS. This plan designates an Oil Spill Team consisting of Taylor's personnel and contract personnel. This team's duties are to eliminate the source of any spill, remove all sources of possible ignition, deploy the most reliable means of available transportation to monitor the movement of a slick, and contain and remove the slick if possible.

Taylor Energy is a member of Clean Gulf Associates (CGA). The CGA stores pollution control equipment at two locations in Texas, at Port Aransas and Galveston; and five locations

in Louisiana, at Venice, Grand Isle, Intracoastal City, Houma and Cameron. Each base is equipped with fast response skimmers and there is a barge mounted high volume open sea skimmer based at Grand Isle, Louisiana. In addition to providing equipment, the CGA also supplies advisors for clean-up operations. Equipment available from CGA and the base it is located at is listed in the CGA Manual, Volume I, Section III.

Pollution equipment located at Port Aransas, Texas would be utilized first with additional equipment transported from the nearest equipment base as required.

Taylor [illegible]y will make every effort to see that a spill is respond[illegible]o as quickly as possible. Response equipment and respo[illegible] times will be suitable for anticipated enviro[illegible]al conditions in the area. In good weather condit[illegible] fast response with oil boom, skimmers, pump and storag[illegible]anks would require approximately 6 to 8 hours, including preparation time as indicated below. A heavy equipment system response would require approximately 24-36 hours, including 9 hours preparation time.

		Hours
1.	Procurement of boat capable of handling Fast Response Unit and deployment to nearest CGA base in Port Aransas, Texas	2.0 Hours
2.	Load out Fast Response Unit and oil spil containment equipment	2.0 Hours
3.	Travel time from Port Aransas to lease site (32 miles @ 10 mph)	3.2 Hours
	Estimated Total Time	7.2 Hours

In the event a spill occurs from a surface location in Mustang Island Block 826, our company has projected trajectory of a spill utilizing information in the Environmental Impact Statement (EIS) for OCS Lease Sales 139 and 141.

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) as presented on pages IV-111 through IV-113, the probable projected land fall of an oil spill is as follows. Also listed is the CGA Map Number corresponding to the land segment which will be utilized to determine environmentally sensitive areas that may be affected by a spill.

Area	Land Segment Contact	%	CGA Map Number
Mustang Island Block 826	Kenedy, Texas	2%	TX Map No. 1
	Kleberg, Texas	8%	TX Map No. 1
	Nueces, Texas	17%	TX Map No. 1&2
	Aransas, Texas	22%	TX Map No. 2
	Calhoun, Texas	12%	TX Map No. 2

If a spill should occur from the proposed location, Taylor Energy would immediately activate its Oil Spill Response Team, determine from current conditions the probable location and time of land fall by contacting the National Oceanic and Atmospheric Administration's (NOAA) Gulf of Mexico Scientific Support Coordinator (SSC), for assistance in predicting spill movement. Then, using the Clean Gulf Operations Manual, Volume II, identify the biologically sensitive area and determine the appropriate response mode.

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.

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 areas 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.

5. NEW OR UNUSUAL TECHNOLOGY

No new techniques or unusual technology will be required for these operations.

6. OPERATIONAL LEASE STIPULATIONS

Mustang Island Block 826 has lease stipulation #1
Taylor has complied or will comply with these stipulations.

7. PROJECTED DISCHARGE

A discussion of the wastes and pollutants likely to be generated by onshore and offshore activities is in Attachment D.
A list of mud additives is enclosed as Attachment E.

8. HYDROGEN SULFIDE

A geological analysis of Mustang Island Block 826 has been performed to determine the presence of hydrogen sulfide. Our review indicates that no hydrogen sulfide is present in any measurable quantities. Taylor has reviewed data from

Based on the above data and in accordance with 30 CFR 250.67, Taylor hereby requests that a determination be made that drilling operations in Mustang Island Block 826 will be in zones where the absence of hydrogen sulfide has been confirmed.

9. PROJECTED EMISSIONS

Projected emissions are included on the enclosed Air Quality Review as Attachment F.

10. ONSHORE FACILITIES

Mustang Island Block 826 is located approximately 32 miles from the Texas Coastline. A map showing the location of both blocks relative to the shoreline and onshore base is enclosed as Attachment G. Taylor will utilize existing onshore facilities located on Harbour Island, Texas. This will serve as port of debarkation for supplies and crews. No onshore expansion or construction is anticipated with respect to this activity.

This base is capable of providing the services necessary for the proposed activities. It has 24-hour service, a radio tower with a phone patch, dock space, equipment and supply storage base, drinking and drill water, etc.

During drilling activities one crew boat will be making 7 trips per week, one supply boat 7 trips per week and one helicopter 7 trips per week.

The onshore activities associated with Mustang Island Block 826 should not result in any increase in the size and number of onshore support and storage facilities or land and personnel requirements.

ATTACHMENT A

DESCRIPTION

GLOMAR HIGH ISLAND I

A. GENERAL:

1. Type: Self-Elevating Drilling Unit

2. Classification: ABS Maltese Cross A1

3. Country of Registry: U.S.A.

B. DRILLING CAPABILITIES:

1. Maximum Drilling Depth (Rated): 20,000 ft.

2. Environmental Criteria (with 360 feet of leg installed):

Maximum Water Depth	Maximum Wind Including Gusts	Maximum Wave Trough To Crest	Assumed Air Gap	Assumed Penetration
250 ft.	100 kts	38 ft. 12 sec.	25 ft.	25 ft.
200 ft.	100 kts	42 ft. 12 sec.	30 ft.	25 ft.
150 ft.	100 kts	46 ft. 12 sec.	32 ft.	25 ft.
100 ft.	100 kts	40 ft. 12 sec.	35 ft.	25 ft.

NOTE: Any increase in penetration will result in corresponding decrease in water depth -- any decrease in penetration does not increase the water depth.

3. Minimum Water Depth: 15 ft. Shallower locations possible under certain conditions. All drilling locations are subject to Insurance Surveyor's approval.

4. Maximum Water Depth (Non-Hurricane Season): 250 ft.

5. Minimum Design Air Temperature: -10°C.

C. CANTILEVER CAPABILITY:

Cantilever can be skidded 40 ft. from the stern of the jackup to the centerline of the rotary, and the drill floor can be maneuvered 10 ft. each side of center. Has capability to drill out a pattern within a 20 ft. x 35 ft. live drilling area aft of the hull.

D. PRINCIPAL DIMENSIONS

1.	Length Overall:	207 ft.
2.	Breadth:	176 ft.
3.	Depth of Hull:	20 ft.
4.	Distance between centers of two aft legs.	120 ft.
5.	Distance between center of bow leg and centerline of aft legs:	121 ft. 8 in.
6.	Diameter of Spud Can: (across the flats)	40 ft.
7.	Height of Spud Can:	21 ft.
8.	Total length of each leg:	360 ft.

E. LOADING AND TOWING DATA:

1.	Average Towing Speed:	4.0 knots with 9,000 hp Ocean Going Tug.
2.	Displacement at the laodline: (11 ft. of draft on the hull)	7,075 S. Tons
3.	Minimum Draft:	10 ft.
4.	Maximum leg length for location tows:	360 ft.
5.	Maximum leg length for ocean tows:	360 ft.
6.	Maximum Variable Drilling Load: (excluding 500 S. Ton cantilever load)	2,087 S. Tons

Variable load is the weight of supplies that are expendable, readily removable, or consumed during drilling operations.

Variable load consists of such items as:

a)	Liquid Mud	h)	Lube Oil
b)	Bulk Mud	i)	Casing
c)	Bulk Cement	j)	Drill Pipe

d) Chemicals
e) Diesel Fuel
f) Potable Water
g) Drill Water
k) Drill Collars
l) Supplies
m) Sack Materials
n) Spare parts

7. Preload Capacity: 4,360 S. Tons

F. STORAGE CAPACITY:

1. Drill Water: 6,612 bbls.
2. Potable Water: 983 bbls.
3. Fuel Oil: 2,287 bbls.
4. Bulk Cement: 3,400 cu. ft.
5. Bulk Mud: 3,100 cu. ft.
6. Liquid Mud: 1,294 bbls.
7. Sand Trap: 200 bbls.
8. Tubular Storage Area: (approximate) 4,300 sq. ft.
9. Sack Storage: (approximate) 1,100 sq. ft.

Note: Any combination of the above cannot exceed the maximum allowable variable load.

G. JACKING DATA:

1. Marathon LeTourneau Rack and Pinion Type Jacking System driven by 600 volt AC electric motors.
2. Approximate Jacking Speed: 1-1/2 fpm
3. Marathon LeTourneau Out-of-Level Warning Devices are provided.
4. Maximum Jacking Load: 5,450 S. Tons
5. All jacking operations and conditions are subject to Insurance Surveyor's approval.

H. SUBSTRUCTURE.

1. Marathon LeTourneau type with transverse skidding of drill floor and longitudinal skidding of substructure, driven by AC electric motors.

2. Rotary Load (Maximum): 450 S. Tons

3. Setback Load (Maximum): 225 S. Tons

4. Cantilever is designed for the combined rotary and setback loads not to exceed: 500 S. Tons

5. Center of rotary can be positioned a maximum of 10 feet either side of hull centerline, and a maximum of 40 feet aft of the hull.

I. HELIPORT:

1. 61 feet in diameter. Designed to support an S-61 helicopter in accordance with Sikorsky specifications.

2. Perimeter lighting system with alternating blue and red lights.

3. Fire station with hose and nozzle.

J. LIVING QUARTERS:

1. Air conditioned quarters for 86 persons, including six (6) hospital berths.

2. Double galley and double mess rooms.

K. METEOROLOGICAL INSTRUMENTS:

1. Anemometer.

2. Barometer.

3. Thermometer.

4. Fathometer.

L. COMMUNICATIONS EQUIPMENT:

1. Single side band radio.

2. VHF-FM Transceiver.

3. Sound-powered telephone system.

M. POWER GENERATING EQUIPMENT:

1. Diesel Engines: Four (4) Caterpillar D-399 TA.

2. Generators: Four (4) Kato 300-kw, 600-volt AC.

3. DC Power: Ross-Hill SCR system with controls for seven DC drilling motors.

4. AC Distribution: Two (2) 750 KVA, 600-volt/480-volt transformers. 480-volt motor control center and distribution panels.

5. Emergency Power: One (1) Caterpillar D-379 400-kw generator.

N. AIR COMPRESSORS:

Three (3) 300 CFM, 125 psi air compressors with after coolers and air dryer.

O. WATER DISTILLATION UNIT:

Two (2) Aqua-Chem units with a rated capcity of 300 gph each.

P. SERVICE PUMPS:

Two (2) each for fuel, drill water, fire, bilge, potable water, and sanitary water. Three (3) raw water pumps.

Q. FIRE-FIGHTING AND SAFETY EQUIPMENT:

1. Carbon dioxide system in engine room, paint locker, and mud pit room.

2. Salt water hose system.

3. Portable dry chemical fire extinguishers.

4. Portable CO_2 fire extinguishers.

5. Adequate first aid facilities.

R. LIFESAVING EQUIPMENT:

1. Life Rafts: Sufficient U.S.C.G. approved inflatable life rafts to accommodate all personnel onboard.

2. Life Boats: Two (2) 44-man U.S.C.G. approved life boats.

3. Life Jackets: Sufficient to furnish all personnel with one (1) each plus excess as required by U.S.C.G.

S. MEDICAL FACILITIES:

1. First Aid supplies and equipment.

2. Hospital with six (6) berths.

T. CRANES:

Three (3) Marathon LeTourneau Series PCM-120 cranes with 100 ft. booms rated at 50 S. tons at 24 ft. radius.

U. WELDING MACHINES:

Three (3) 400-amp Lincoln electrically driven.

V. LIGHTING, WIRING, AND CONTROLS:

Vapor-proof or explosion-proof, as required.

W. SEWAGE TREATMENT PLANT:

Hamworthy ST-8 withholding tank.

SCHEDULE C

Equipment Furnished

GLOMAR HIGH ISLAND I

1. DRILLING UNIT DESCRIPTION AND SPECIFICATIONS:

The self-elevating drilling unit, GLOMAR HIGH ISLAND I, will be as described in Appendix I attached hereto and will be equipped with all equipment, services, and supplies listed herein and designated as furnished by Contractor.

2. DRILLING UNIT MOORING SYSTEM:

a. Two (2) point anchor system.

b. Moorings: Two (2) 2,100' x 1-1/2", 6 x 19 IPS, IWRC wire lines with ABS certificates.

c. Anchors: Two (2) 10,000 lb. Danforth anchors.

d. Mooring Winches: Two (2) Marathon LeTourneau Series W-1500 TS single drum winches each driven by an electric motor.

e. Two (2) anchor buoys.

f. Pendant wires, shackles, and associated jewelry and wireline for crown lines.

g. Workboat Mooring Line (Replacement line furnished by Operator.

3. DRILLING EQUIPMENT:

a. Drawworks: National 1320 UE drawworks fitted with Elmagco 7838 electric brake, powered by two (2) GE 752 Series electric motors.

b. Drill Line: 1-1/2" - 6 x 19 IPS, IWRC x 7,500'.

c. Wire Line Anchor: National type EB.

d. Sandline: 9/16", 6 x 7 - 20,000'.

e. Derrick: Dreco 147' high, 30' x 30' base with 1,000,000 lbs. static hook load capacity.

f. Mud Pumps: Two (2) National 12-P-160, triplex pumps, 1,600 total continuous horsepower each powered by two (2) GE 752 Series electric motors. Equipped with 6-1/2" liners.

g. Rotary Table: National C-375 rotary table independently driven by GE 752 Series electric motor with National two-speed transmission.

h. Crown Block: Emsco type MA-60-7 with 583 tons rated capacity with 60" sheaves.

i. Traveling Block and Hook: National Universal hook block with 500-ton capacity.

j. Swivel: National P-500 with 500-ton capacity.

k. Rotary Hose: Two (2) 3-1/2" x 60', 5,000 psi WP with 4" male thread coupling.

l. Weight Indicator: Martin-Decker type E.

m. Varco air-powered spinning wrench, right and left rotation complete with 5" drill pipe rollers.

n. Kelly: Two (2) 3-1/4" hexagonal x 42' long x 3-1/4" ID kellys, with kelly valves as follows:

(1) Two (2) Omsco 6-5/8" regular, left hand thread, upper kelly cocks, 10,000 psi WP.

(2) Two (2) Hydril 4-1/2" IF lower kelly valves, 10,000 psi WP.

o. Kelly Spinner: International Tool model A6C-2.

p. Mathey wireline measuring assembly with 20,000' of .092" steel line.

q. Drilling Recorder: Martin-Decker six-pen unit for weight, pump stroke, drill string torque and RPM, pump pressure and rate of penetration.

4. DRILL STRING:

a. Drill Pipe:

(1) 5,000', 5" OD Grade G, 19.5 lb./ft. Range 2 drill pipe with 5" XH x 6-1/2" OD tool joints.

(2) 10,000', 5" OD Grade E, 19.5 lb./ft. Range 2 drill pipe with 5" XH x 6-3/8" OD tool joints.

b. Drill Collars:

(1) Twelve (12) 7-3/4" OD x 2-13/16" ID x 31' long with 6-5/8" API Reg. connections, grooved for "zip" handling.

(2) Twelve (12) 6-1/2" OD x 2-13/16" ID x 30' long with 4" IF tool joints, grooved for "zip" handling.

c. Subs: Sufficient for Contractor-furnished drill pipe, drill collars, and drill tools including kellys.

d. Drill pipe wipers for 5" drill pipe.

e. Thread Protectors: Sufficient for Contractor-furnished drill string.

5. BLOWOUT PREVENTERS:

a. Diverter System: Hydril type MSP-2000, 21-1/4" annular used with drilling spool between wellhead and annular. Spool has two 8" outlets for port and starboard diverter lines.

b. 13-5/8", 10,000 psi WP Blowout Preventer System consisting of the following:

(1) One (1) CIW double preventer with four flanged outlets fitted with one set of pipe rams for 5" drill pipe and one set of blind rams.

(2) One (1) CIW double preventer with four flanged outlets fitted with two sets of pipe rams for 5" drill pipe.

(3) One (1) 13-5/8" - 5,000 psi WP Hydril annular blowout preventer.

(4) Blowout preventers are trimmed for H_2S service.

(5) A 50-ton blowout preventer handling system, including air-powered hoists and trollies.

c. BOP Kill and Choke Line System:

(1) Two (2) 3-1/16", 10,000 psi WP hydraulic operated valves.

(2) Two (2) 3-1/16", 10,000 psi WP manual valves.

d. Blowout Preventer Control System:

(1) 264-gallon accumulator capacity.

(2) 480-gallon fluid reservoir.

(3) One (1) 20-hp, 3,000 psi, 8 GPM electric triplex pump and one 30-hp, 3,000 psi, 14 GPM electric pump.

(4) Three (3) air-powered pumps, capacity 3.5 GPM at 3,000 psi.

(5) Manifolding valves and regulators for functioning the following:

(a) Annular preventer
(b) Four (4) ram type BOP's.
(c) Two (2) hydraulically-operated choke and kill valves.

(6) Master control panel on drill floor.

(7) Remote control panel in toolpusher's office.

e. Choke Manifold: 3-1/16" - 10,000 psi WP suitable for H_2S service, with:

6. DOWNHOLE TOOLS AND EQUIPMENT:

a. Inside BOP: Two (2) Lynn inside blowout preventers for 5" drill pipe, 10,000 psi WP.

b. Float Valve: Baker model G full-flow, for Contractor's drill string.

c. Drift Indicator: Totco, 0-8 degrees and 0-16 degrees, for Contractor-furnished equipment.

7. FISHING TOOLS:

a. Overshots:

(1) One (1) 9-5/8" OD Bowen type FS overshot with with extension sub and oversized lipped guides and basket grapples to catch 7-3/4" and 6-1/2" drill collars and 5" drill pipe.

(2) One (1) 8-1/8" OD Bowen type FS overshot with with extension sub and standard lipped guide and basket grapples to catch 6-1/2" drill collars.

b. Taper Tap: One (1) 7-3/4" OD Bowen rotary taper tap with 6-5/8" Reg. connections.

c. Junk Baskets: One (1) Bowen reverse circulating junk basket equipped to retrieve 9-5/8" OD core, 9-5/8" OD mill type B shoe and with 6-5/8" API Reg. connections.

d. Junk Subs: One (1) 9-5/8" OD Bowen junk sub for operation in 12-1/4" hole with 6-5/8" API Reg. connections.

e. Safety Joint: One (1) 6-1/2" OD safety joint for 5" OD drill pipe with 5" XH connections.

8. DRILL STRING HANDLING TOOLS:

a. Slips, Drill Pipe: Varco type SDXL - 5"; two sets.

b. Slips, Drill Collar; two sets each:

(1) Varco type DCS-L: 6-3/4" - 8-1/4".

(2) Varco type DCS-R: 5-1/2" - 7".

c. Elevators, Drill Pipe: Champion T-350, 350-ton for 5" drill pipe; two sets each:

d. Links, Elevators: Webb-Wilson 3-1/2" x 144", 500-ton; one set.

e. Elevator, Zip Lift: Joy 150 ton for 7-3/4" and 6-1/2" drill collars; two sets.

f. Tongs, Drill Pipe: BJ type "DB" Range 3-1/2" - 8-1/4"; two sets.

g. Safety Clamps:

(1) Varco type MP-R Range 5-1/2" - 7".

(2) Varco type MP-R Range 6-3/4" - 8-1/4".

h. Bit Breakers: Bit breakers for sizes: 26", 17-1/2" 12-1/4", 8-1/2", and 6" bits; one set.

i. Air Tuggers: Four (4) air tuggers.

9. MUD FACILITIES AND EQUIPMENT:

a. Mud Storage Tanks: See Appendix I.

b. Shale Shakers: Brandt dual tandem screen shale shaker mounted on sand trap, driven by two (2) 3-hp motors (Replacement screens to be provided by Operator).

c. Desander: Demco 124 desander unit charged by Mission 8 x 6R centrifugal pump driven by 100-hp electric motor.

d. Desilter: Demco unit charged by 8 x 6R centrifugal pump driven by 100-hp electric motor.

e. Degasser: Wellco model 6200, charged by Mission 8 x 6R centrifugal pump driven by 100-hp explosion-proof electric motor.

f. Mud Agitators:

(1) One (1) 3-hp explosion-proof electric mud mixer mounted on slugging pit.

(2) Three (3) 20-hp explosion-proof electric mud mixers mounted on main mud tanks.

g. Mud-Gas Separator: Global Marine design.

h. Mud Testing Facilities: Basic kit for viscosity, filtration, weight, and titration.

i. Mud Charging Pumps: Two (2) Mission 8 x 6R centrifugal pumps, each driven by 100-hp explosion-proof electric motors.

j. Mud Mixing Pump: Two (2) Mission 8 x 6R centrifugal pumps, each driven by 100-hp explosion-proof electric motors.

k. Pit level indicator on active tank.

l. Manifolding to cement surge tank to permit mixing barite plug at cementing unit.

m. Gas Detection System: Control Instruments fixed combustible five-point monitor gas detection system complete with control modules, general alarms and sensors stratically located on the rig.

10. CEMENTING UNIT:

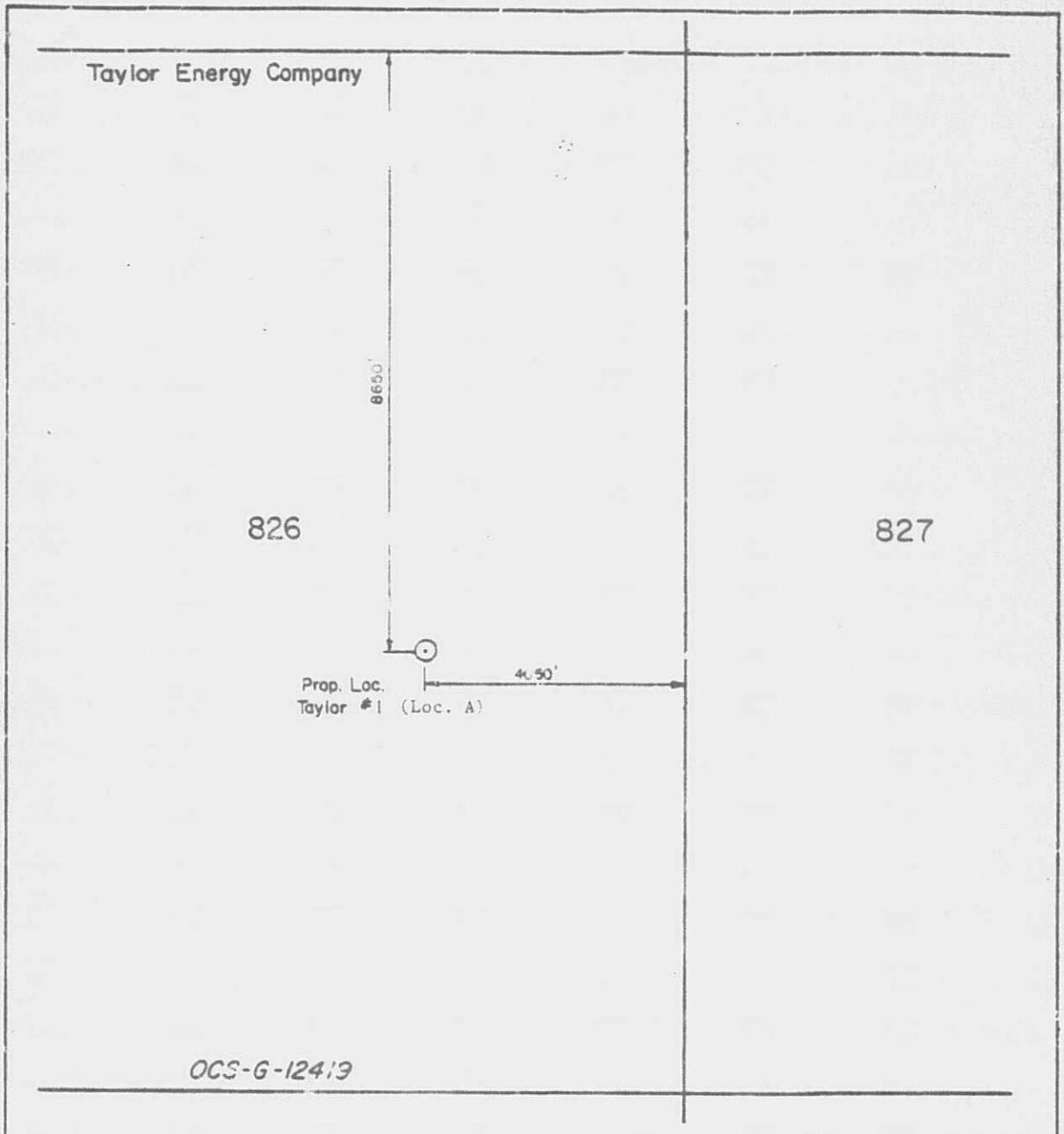
Dresser Titan cementing unit with two (2) diesel engines. Rental fees and maintenance costs, if any, to be paid by Operator.

ENVIRONMENTAL SAFEGUARDS

The rig will be equipped with drip pans and drains. Waste fluids will be transported via platform drains to the overboard sump. All oil contaminates will be pumped from the sump to the holding tank located on the wellhead deck. All exposed machinery will be drive by explosion proof motors and all engines will be equipped with spark arrestors on exhausts. All sanitary wastes will be treated before disposal into the Gulf of Mexico. All production vessels and machinery will be located on impervious decking and all leaks, cleanup water, etc. will be contained on these decks and shall be transported by drain lines to the production sump. All drilling, production and construction operations will be conducted by applicable EPA directives and Department of Interior OCS Orders 1-14, latest edition. Please refer to attached Oil Spill Contingency Plan.

SAFETY STANDARDS

All structures will be equipped to meet EPA, Department of the Interior OCS Orders 1-14, latest edit Corps of Engineers and U.S. Coast Guard regulations and directives. During the drilling phase, the rig will be equipped with a standby boat.



Proposed Location (Loc. A)

Surf.

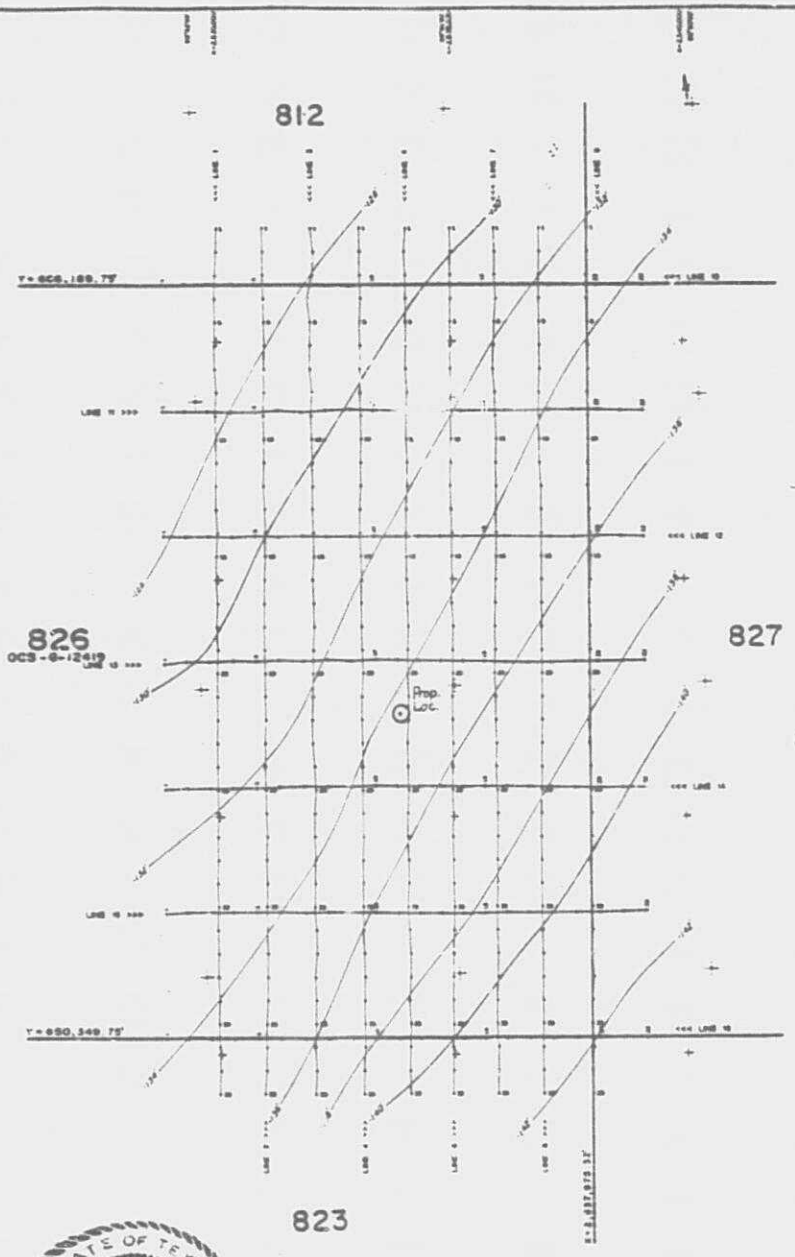
8650' FNL & 4050' FEL of NE/C of Blk. 826

TAYLOR ENERGY COMPANY
THE 2-3-4 LOYOLA BUILDING
NEW ORLEANS, LOUISIANA 70112

MUSTANG ISL. BLK. 826

SCALE: 0 — 2000'

DATE: 3-4-92



ATTACHMENT C-1

BEST AVAILABLE COPY

BATHYMETRY MAP

OCS-G-12419

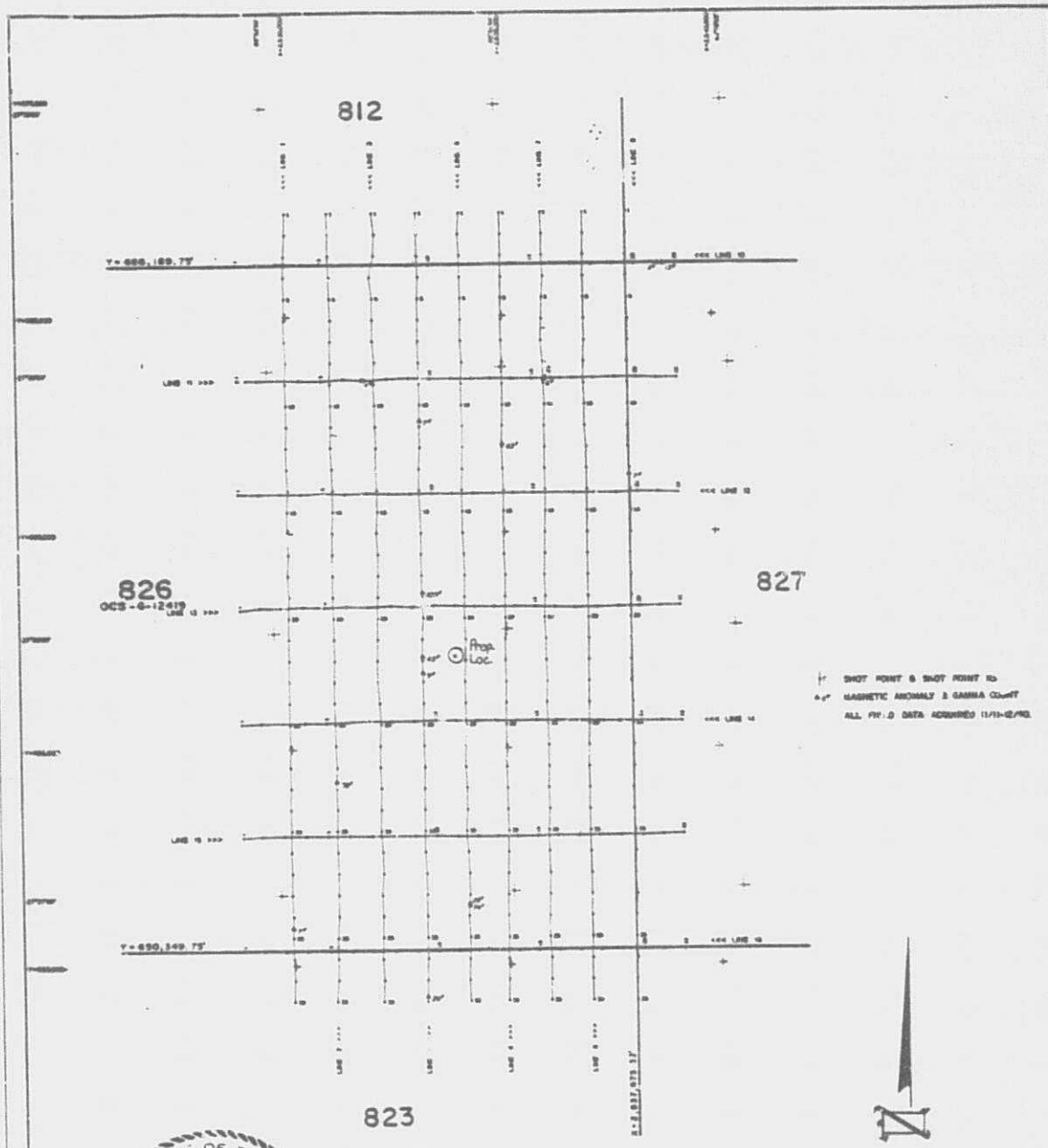
BLOCK 826

MUSTANG ISLAND AREA

JOHN E. CHANCE & ASSOCIATES, INC.

STATE OF TEXAS
H. G. TRUELOVE
26984
REGISTERED PROFESSIONAL ENGINEER

REGISTERED PROFESSIONAL ENGINEER NO. 26984
STATE OF TEXAS
JOHN E. CHANCE & ASSOC. INC.



ATTACHMENT C-2

STATE OF TEXAS
H. G. TRUELOVE
26984
REGISTERED PROFESSIONAL ENGINEER

REGISTERED PROFESSIONAL ENGINEER NO. 26984
STATE OF TEXAS
JOHN E. CHANCE & ASSOC. INC.

MAP PROJECTION BASED UPON TEXAS LAMBERT PLANE COORDINATE SYSTEM SOUTH ZONE KRIG UNITS IN FEET
GEODETIC DATUM NAD 1927 CLARKE 1866 SPHEROID

Texaco Energy Company
ARCHEOLOGICAL & HAZARD MAP
OCS-G-12419
BLOCK 826
MUSTANG ISLAND AREA

JOHN E. CHANCE & ASSOCIATES, INC.
GEOPHYSICAL DIVISION
LAFAYETTE, LOUISIANA

DATE
JOB NO.
MAP NO.

ATTACHMENT D

TAYLOR ENERGY COMPANY

INITIAL PLAN OF EXPLORATION

QUANTITIES AND RATE OF DISCHARGE

MUSTANG ISLAND BLOCK 826

WELL	DEPTH	HOLE SIZE	QUANTITY (Bbls)	DISCHARGE RATE
A				MAX 1000 BPH
				MAX 1000 BPH
				MAX 1000 BPH

ATTACHMENT E

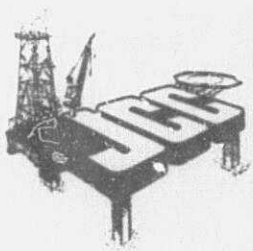
DRILLING MUD COMPONENTS

COMMON CHEMICAL OR CHEMICAL TRADE NAME	DESCRIPTION OF MATERIAL
Aluminum Stearate	Aluminum Stearate
"AXTAFLO-S"	Nonionic Surfactant
Barite	Barium Sulfate (BaSo4)
Calcium Carbonate	Aragonite (CaCo3)
Calcium Chlordie	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"	Non-toxic, biodegradable defoamer
Ferrochrome Lignosulfonate	Derived from wood pulp
Gel	Sodium montmorillonite, bantonite, attapulgite
Gypsum	CaSo4.2H2O
Lignite	Lignite
Lignosulfonate	Lignosulfonate
"Mud Sweep"	Cement Pre-flush
"MOR-REX"	Hydroloyzed 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	NaCl
Sodium Chromate	NaCr04.10H20
Starch	Corn Starch
"TX-9010"	Biodegradable drilling lubricant
"TORQ-Trim"	Biodegradable drilling lubricant
"Black Magic"	Oil base mud conc.
"Black Magic Supermix"	Sacked concentrated oil base mud
Diesel	Used to mix certain loss-circulation pills
"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

ATTACHMENT F

J. Connor Consulting, Inc.

P.O. Box 218753 Houston, Texas 77218 (713) 558-0607 Fax: (713) 558-8369



March 17, 1992

PROJECTED AIR EMISSION SCHEDULE FOR EXPLORATION PROJECT

GENERAL INFORMATION

Location of Facility:	Mustang Island Block 826 OCS-G 12419
Distance Offshore:	32 miles
Name of Rig:	Jackup
Operator:	Taylor Energy Company 234 Loyola Avenue, Suite 500 New Orleans, Louisiana 70112
Contact Person:	Ms. Lydia McCombs
Well Footage to be Drilled:	
Date Drilling Will Begin:	

MAJOR SOURCE (OFFSHORE)

Power used aboard drilling vessel; approximate footage to be drilled 8,000'.*

Emitted Substance	Projected Emissions (lbs/day)*tons/yr. 1992	
CO	(158)	1.58
SO_2	(50)	.50
NOx	(744)	7.44
VOC	(60)	.60
TSP	(53)	.53

* Based on 60 hphr/ft. from Table 4-3, "Atmospheric Emissions from Offshore Oil and Gas Development and Production", EPA No. 450/3-77-026, June 1977

** Emission factors from Table 3.3.3-1, "Compilation of Air Pollutant Emission Factors", Third Edition, EPA Report AP-42, August, 1977

MINOR SO . _S (OFFSHORE)*

Including crew boats (7 trips/week); supply boats (7 trips/week); helicopters (7 trips/week); loading and unloading operations.

Emitted Substance	Projected Emissions (lbs/day)*tons/yr. 1992
CO	.02
SO_2	.00
NOx	.02
VOC	.01
TSP	.00

* Tables 3.2.1-3, 3.2.3-1 and 2.1-1, "Compilation of Air Pollutant Emission Factors", Third Edition, EPA Report AP-42, August, 1977.

TOTAL ALL SOURCES (tons/year)

1992	CO	SO_2	NOx	VOC	TSP
Major	1.58	.50	7.44	.60	.53
Minor	.02	.00	.02	.01	.00
Total	1.60	.50	7.46	.61	.53

ONSHORE SOURCES

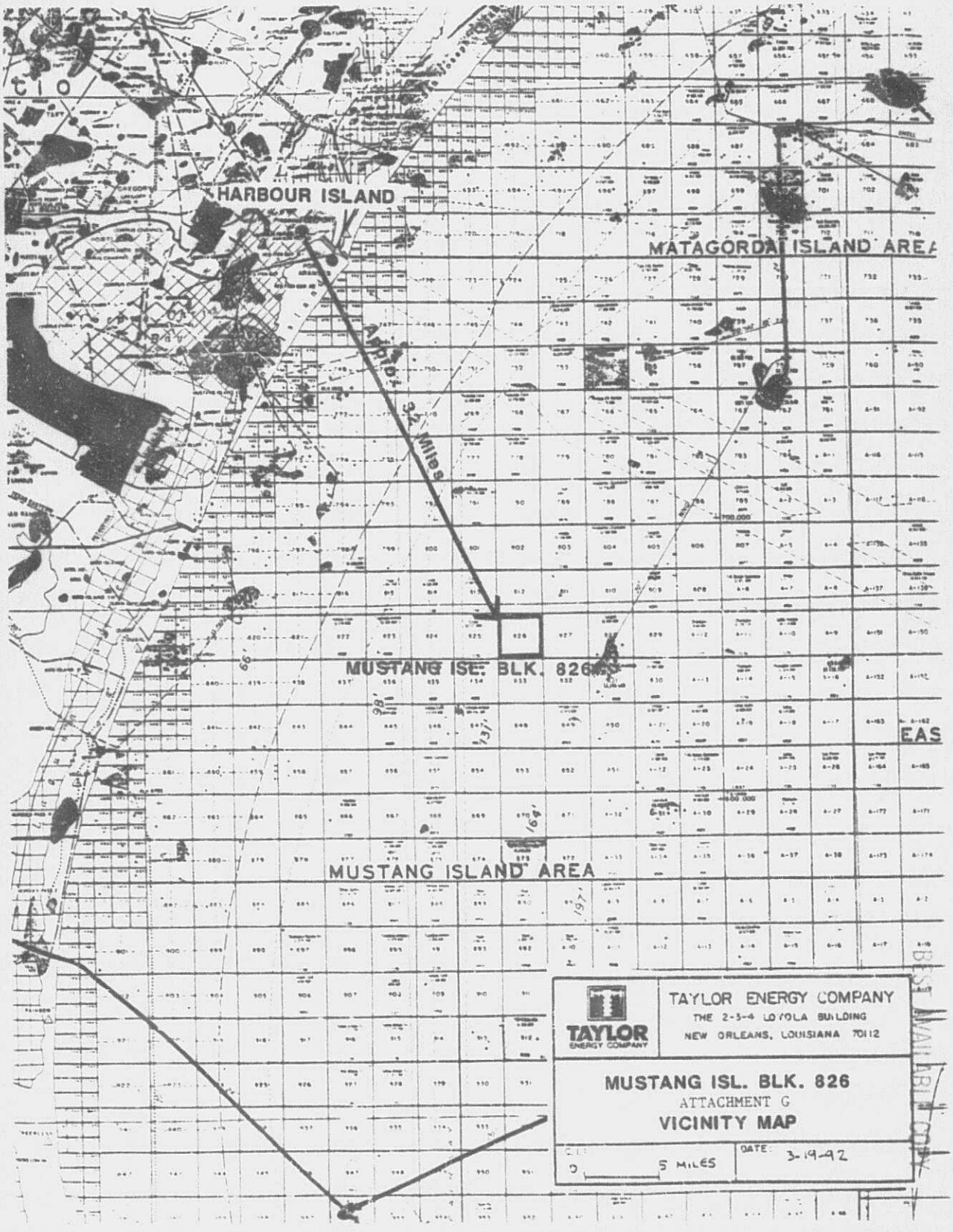
These should be about the same as minor sources unless new facilities are installed at the onshore base. No additional facilities are required or planned at this time.

EMISSION EXEMPTION DETERMINATION

For CO: $E = 3400(D)^{2/3} = 3400\ (25)^{2/3} = 29{,}070$ tons/year
For NOx, VOC, TSP & SO_2: $E = 33.3D = 33.3\ (25) = 833$ tons/year

FINDINGS OF AIR QUALITY REVIEW

As per DOI/MMS regulations, this facility is exempt from further air quality review as it has been determined that its operations will not have a significant adverse impact on air quality.


HARBOUR ISLAND
MATAGORDA ISLAND AREA
MUSTANG ISL. BLK. 826
MUSTANG ISLAND AREA
TAYLOR ENERGY COMPANY
THE 2-3-4 LOYOLA BUILDING
NEW ORLEANS, LOUISIANA 70112
MUSTANG ISL. BLK. 826
ATTACHMENT G
VICINITY MAP
0 5 MILES
DATE: 3-19-92