OCS-G-3164
S-1231

In Reply Refer To: RP-2-1

NOV 14 1983

OXECO Oil and Gas Company
Attention: Mr. E. S. Breda
Post Office Box 61780
New Orleans, Louisiana 70161

Gentlemen:

Reference is made to your Supplemental Plan of Development/Production received November 8, 1983, for Lease OCS-G 3164, Block 135, Ship Shoal Area. This plan includes the activities proposed for Wells and Caissons Nos. 10 and 12 and a pipeline from each well to the A platform.

In accordance with 30 CFR 250.34, revised December 13, 1979, and our letter dated January 29, 1979, this plan has been determined to be complete as of November 14, 1983, and is now being considered for approval.

Your plan control number is S-1231 and should be referenced in your communication and correspondence concerning this plan.

Sincerely yours,

(ORIG. SGD.) RALPH J. MELANCON

for D. W. Solanas
Regional Supervisor
Rules and Production

bcc: Lease OCS-G 3164 (OPS-4)
OPS-4 w/Public Info. Copy of the plan (Public Records)
OO-E

MDJoseph:gtj:11/9/83 Disk 3b

Noted D. Arcana

UDECO OIL & GAS COMPANY
SUPPLEMENTAL PLAN OF DEVELOPMENT

OCS-G-3194 LEASE

SHIP SHOAL BLOCK 135

I. GENERAL

In accordance with 30 CFR 250.34 revised December 13, 1979, this plan is being submitted. The OCS-G-3164 lease has one gas well (No. 10) temporarily abandoned and one well (No. 12) being drilled under a Plan of Exploration.

II. THE PLAN

Complete well No. 12 as a single completion gas well. Complete the temporarily abandoned well No. 10 as a single completion gas well. Drive caisson type jackets over both wells. Tie both wells to our existing "A" Platform production facility in Ship Shoal Block 135 by laying a 4" flowline from each well to the "A" Platform. This distance from the No. 10 well (Coordinate: 5203.26' FSL and 4773.43' FWL) to the "A" Platform is 7,250'. The distance from the No. 12 well (Coordinate: 8326.37' FNL and 6996.53 FWL) to the "A" Platform is 6,300'. Coordinates of the "A" Platform is 2,192' FNL and 7,998' FEL of Ship Shoal Block 135.

III. TENATIVE STARTING AND COMPLETION DATE FOR DRIVING CAISSON AND LAYING FLOWLINE.

1. Estimated commencement date for setting caisson jacket November 17, 1983.
2. Estimated commencement date for laying flowline November 17, 1983.
3. Estimated completion date for completing flowline December 2, 1983.

IV. DEPLETION SCHEDULE

OCS-G-3164 #10 and #12 will be single completion gas wells, estimated commencement date of production to be: December 2, 1983

Initial production rate Well #10 10,000 MCF/D -0- bbls Cond.
Well #12 10,000 MCF/D -0- bbls Cond.

ODECO OIL & GAS COMPANY

SUPPLEMENTAL PLAN OF DEVELOPMENT

SHIP SHOAL BLOCK 135

OCS-G-3164 #10 AND #12 (HOOKUP)

SUBMITTED BY: E S Breda

E. S. BREDA
OIL & GAS SUPERVISOR

DATE: NOV 7 1983

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PRODUCTION SCHEDULE

YEAR	Well No. 10 GAS MMCF	COND BBLS	YEAR	Well No. 12 GAS MMCF	COND BBLS
1983	300	-0-	1983	300	-0-
1984	3620	-0-	1984	3620	-0-
1985	1630	-0-	1985	1630	-0-
1986	50	-0-	1986	50	-0-

V. OIL SPILL CONTINGENCY PLAN

Odeco Oil & Gas Company fulfills its oil spill contingency plan by being a member of Clean Gulf Associates, P. O. Box 51239, New Orleans, Louisiana 70501, an agency which handles clean up operations in the event of an oil spill. Fast Response Service can be obtained by calling Halliburton Services in Harvey, Louisiana (504) 366-1735.

A. Estimated deployment of the equipment to this area is 9 hours.

B. Description of clean up equipment:

1. Fast Response System Model I consists of:

   a. Primary and auxiliary skid with 180 bbl. tank on each skid.
   b. One "Don Wilson" skimmer.
   c. One basket and one lot of Bennet oil boom section.
   d. Fire extinguisher

2. Fast Response Model II consists of:

   a. Section of floating oil boom.
   b. Skimmer
   c. Outrigger
   d. Pump
   e. Two skid mounted storage tanks of 180 bbls.

3. High volume open sea skimmer (Hoss Barge)

4. Shallow water skimmer system

5. Auxiliary shallow skimmer and boom

6. Helicopter spray system (HUSS Units)

7. Waterfowl rehabilitation and bird scarers

8. Miscellaneous material

9. Radio Systems

VI. FACILITIES

A. Production - At the existing "A" platform production facility, separation of condensate and gas takes place. After metering the gas and condensate are recombined and marketed by pipeline to Tennessee Gas separation plant at Cocodrie (Part of the Bluewater system). After separation inshore, the condensate is delivered to Tenneco Oil Company and gas is routed to Shell's Yscloskey plant for processing.

B. Additional facilities - None will be added onshore nor offshore as a result of this activity.

VII. PERSONNEL: No additional personnel will be added onshore nor offshore as a result of this activity.

VIII. FUEL CONSUMPTION

A. Production Operations

1. One production boat routinely services production "A" platform in Ship Shoal Block 135. The boat consumes approximately 30 bbls. diesel per day.

Operating days per year	365
(1 Boat x 30 bbls.)	x30
Consumption for year	10,950 BBLS.

2. Gas Consumption at entire "A" Facility in 300 MCF/Day

Operating days per year	365
	x300
Gas Consumption per year	10,950 MCF

B. Pipeline lay barge consumer approximately 25 bbls diesel/day. Supply boat uses approximately 25 bbls. diesel per day.

	Boat	Lay Barge
Approx. days for laying flowline	15	15
Bbls/Day consumption	x25	x25
	375	375

IX. SAFETY STANDARDS AND PROGRAMS

A. Production Facilities

All production facilities are constructed and installed to meet MMS and Coast Guard Standards for safety and protection of the environment.

A Safety and Training Department is maintained to continually monitor and train personnel in the conduct of s operations. Our training program emphasizes the e ence to existing MMS and environmental regulations.

ty engineers monitor the operations for compliance all safety standards. Safety meetings are held with operating personnel to review these safety standards. Operational personnel attend schools for firefighting, first aid, and operations of special equipment, such as, cranes and safety devices used in the production of oil and gas.

X. BASE OF OPERATION

A. Marine service to service production operations is provided from B.J. Dock in Dulac, Louisiana.

B. Air service (Helicopter) is provided from Houma, Louisiana.

XI. SHALLOW HAZARDS SURVEY

A Multi Sensor Engineering Survey and Archeological Survey were conducted on the entire block by Decca Survey Systems, Inc. on August 12, 13, 1978, the results were forwarded to MMS on 5-2-83. There were 5 anomalies noted. All are unidentified and scattered randomly throughout the lease. These locations are not within close proximity of these anomalies.

XII. GASEOUS EMISSION DATA DURING PIPE LAYING OPERATION

A. Emissions

1. Helicopters: Estimate 3 round trips in 15 days, two and one half hours per round trip = 8 hours operating time. Stated in (lb./day) Tons per 15 days, averaged to 15 days. See attached for emissions per hour of use.

   a. CO (.25) .00
   b. Hydrocarbon (.05) .00
   c. NO_x (1.10) .01
   d. SO_2 (7.10) .05
   e. Particules (.10) .00

2. Boats (crew) Eleven (11) trips in 15 days at 5 hours per round trip = 55 hours. Stated in (lbs./days) Tons per 15 days, averaged to 15 days. See attached for emissions per hour of use.

   a. CO (24.93) .18
   b. Hydrocarbon (9.17) .07
   c. NO_x (115.13) .86
   d. SO_2 (7.70) .06
   c. Particules (8.43) .06

3. Supply Base - 30 ton crane. Estimated use in 15 days - 50 hours. Stated in (lbs./day) Tons/15 days. Averaged for 15 days. See attached for emission per hour.

   a. CO (12.57) .09
   b. Hydrocarbon (1.17) .01
   c. NO_x (30.60) .23
   d. SO_2 (1.57) .01
   e. Particules (1.67) .01

B. Exemptions: Distance from shore 24 statute miles.

   1. Hydrocarbon, NO_x, SO_2, Particules 33.3 x 24 = 799.2 tons/365 days for each, or 799.2 x 4 = 3196.8 tons/365 days.

   2. CO $(3400 \times 24)^{2/3}$ or 1745 tons/365 days.

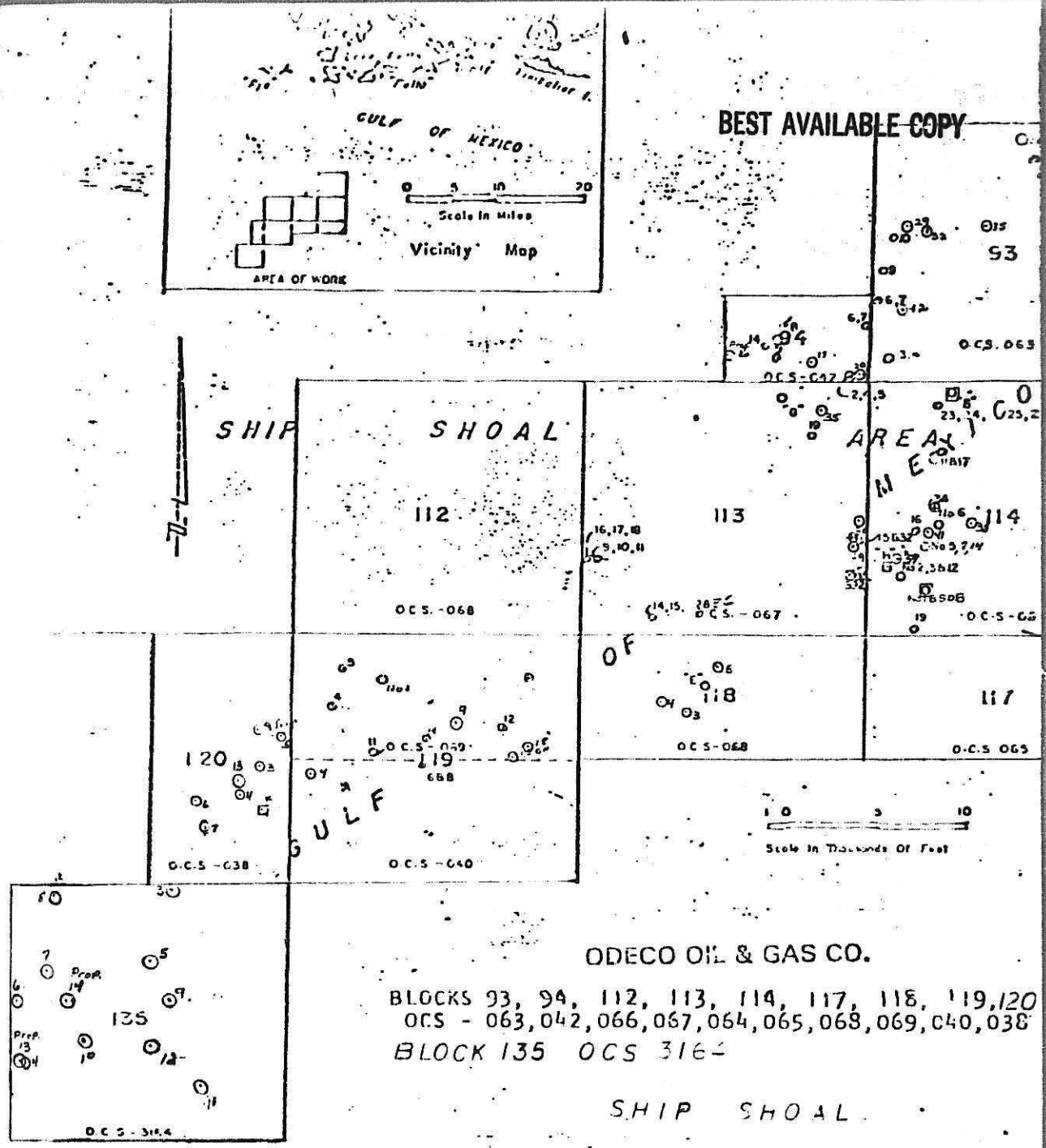
XIII. ATTACHMENTS

A. Vicinity Map Block 135

B. Proposed Flowline Plat

C. Caisson Structure Plat

D. Emission hourly rates for boats, helicopter, and crane.

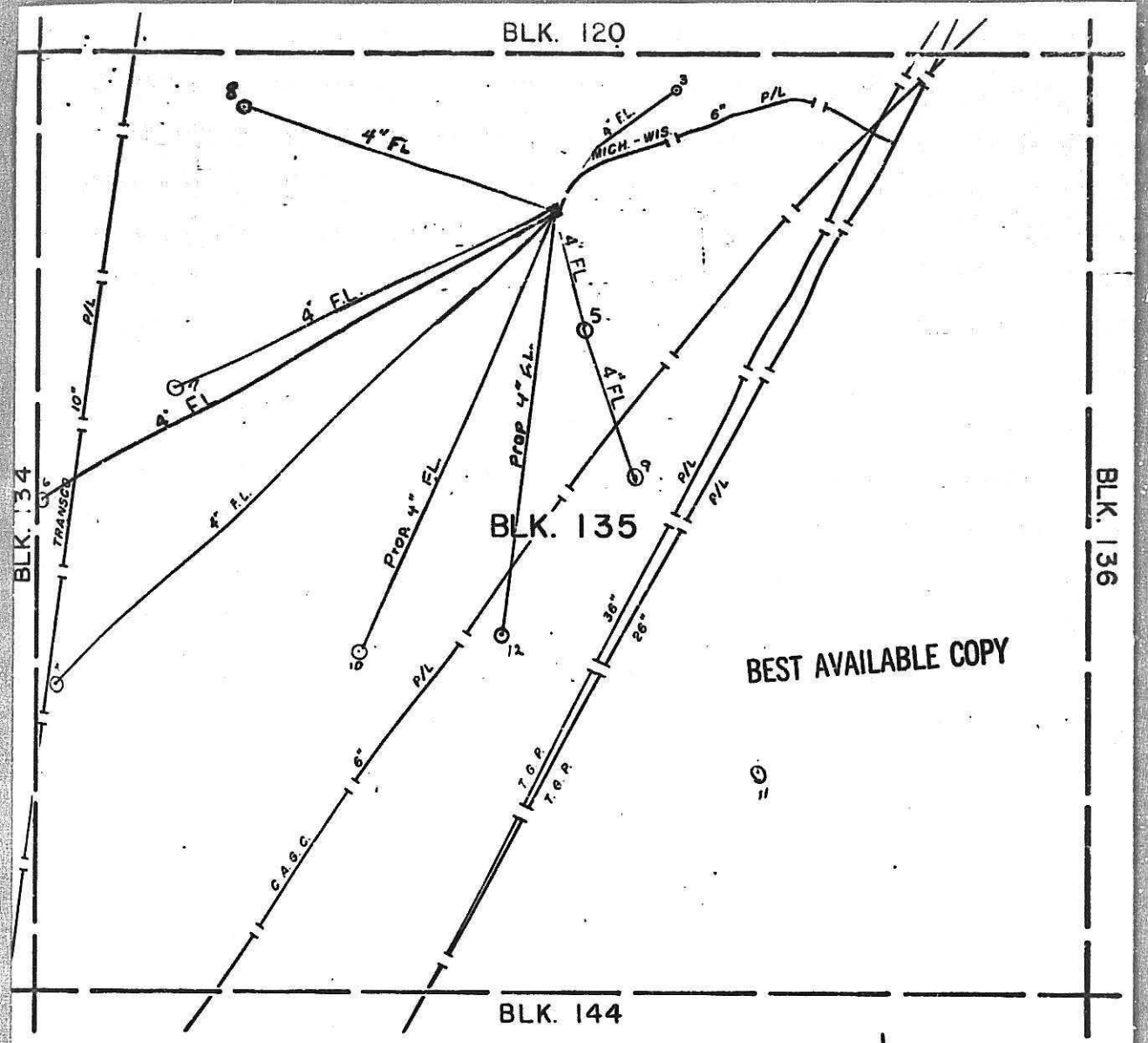


ODECO OIL & GAS CO.

BLOCKS 93, 94, 112, 113, 114, 117, 118, 119, 120
OCS - 063, 042, 066, 067, 064, 065, 068, 069, 040, 038

BLOCK 135 OCS 316

SHIP SHOAL



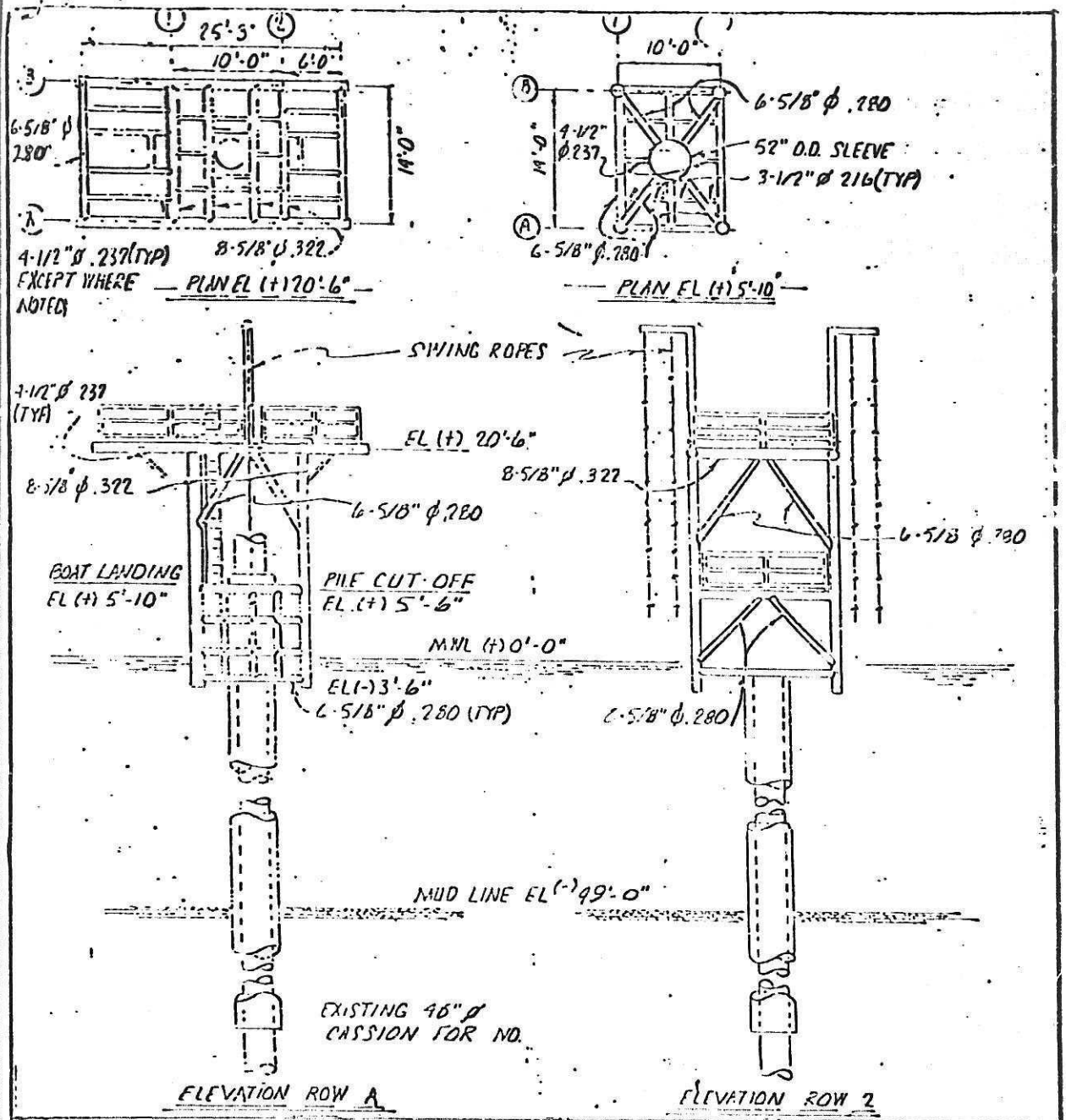
ODECO OIL & GAS COMPANY

O C S.-G-- 3164 BLOCK 135

PROPOSED FLOWLINES

SHIP SHOAL AREA

SCALE: 1" = 2000



SHIP SHOAL BLK 135

WELL STRUCTURE

ODECO OIL & GAS CO.

Basis For Calculations of Gaseous emissions of
Boats - Helicopters and Crane at Supply Base
for Rig Related Operations

I Boats: Equiped with two V 12 marine engines and two generators

Lbs/Hour

CO	Hydrocarbon	No_x	SO_2	Particules
6.8	1.5	31.4	2.1	2.3

II. Helicopter: For transportation of men. Size 206

Lbs/Hour

CO	Hydrocarbon	No_x	SO_2	Particules
.5	.1	2.2	14.2	.2

III. Supply Base - Crane - with GM 6-71 diesel engine with 228 BHP driving a 30 ton crane

Lbs/Hour

CO	Hydrocarbon	No_x	SO_2	Particules
3.77	.35	9.18	.47	.5