OCS-G-3188
G-0280

(OS-7-1)

JUL 25 1979

Federal Programs Office
Office of Coastal Zone Management
3000 White Haven Street
Washington, D. C. 20235

Gentlemen:

In accordance with 30 CFR 250.34, revised January 27, 1978, enclosed is a copy of an Exploration Plan submitted by Exxon Company, U.S.A., for lease OCS-G 3188, Block 100, West Delta Area, Control No. G-0280.

Sincerely yours,

(Orig. Sgd.) D. W. Solanas
D. W. Solanas
Oil and Gas Supervisor
Operations Support
Gulf of Mexico Area

Enclosure

cc: OCS-G 3188
OMS-2-5 w/enclosure

AAlvarado:wc:7/23/79

EXXON COMPANY, U.S.A.
POST OFFICE BOX 60626 · NEW ORLEANS, LOUISIANA 70160

PRODUCTION DEPARTMENT
SOUTHEASTERN DIVISION

May 16, 1979

OCS-G 3188, Well No. 1
West Delta Block 100
West Delta Block 117 Field
Proposed TD: 16,560' MD/15,800' TVD

Mr. D. W. Solanas
Area Oil & Gas Supervisor - USGS
Gulf of Mexico Area
Post Office Box 7944
Metairie, Louisiana 70010

Dear Mr. Solanas:

Enclosed are nine copies of Exxon's Plan of Exploration, five copies USGS Confidential, one copy public information, and three copies not containing proprietary information for other agencies for subject well.

We plan to drill this well with the Atwood Oceanics, Inc. rig Vicksburg jackup which will be available to begin operations by July, 1979.

Very truly yours,

EXXON CORPORATION

By D. J. Lewallen

D. J. Lewallen, Section Head
Revenue & Regulatory Accounting
Southeastern Division
Exxon Company, U.S.A.
(a division of Exxon Corporation)

SAB:ggs
Enclosures

OCS-G 3188, Well No. 1 West Delta Block 100

PLAN OF EXPLORATION

Section 1:

Section 2: DRILLING EQUIPMENT

A. DESCRIPTION: This well is to be drilled with the Atwood Oceanics, Inc. rig Vicksburg which is a 248' X 200' triangular shaped jackup mobile drilling platform. Descriptive rig brochure, schematic of diverter system and blow out prevention program are attached.

B. PRESSURE INTEGRITY TEST: While drilling this well, the usual pressure integrity test procedure (PIT) will be performed after drilling immediately below the surface casing shoe and the maximum mud weight used thereafter will not exceed one-half pound less than the pressure integrity test equivalent. All horizons which contain oil, gas, or fresh water will be protected by casing and/or cement.

C. EMERGENCY PLAN: Our plan for abandoning the location, in case of an emergency such as a well kick, will vary in accordance with the severity of the occasion. If the well cannot be controlled by our usual methods, and a possible broaching is imminent, transportation will be available to evacuate personnel from the rig and area as need be. Appropriate U. S. Coast Guard prescribed life rafts, jackets, and rig buoys will be provided.

D. SAFETY FEATURES: Safety features will include well control and blowout prevention equipment in compliance with OCS Order 2 except for having gas detection equipment to monitor mud returns. We are applying to the USGS Metairie District Office for approval of a 24 hour continuously manned mud logging unit in lieu of the gas detecting equipment.

E. POLLUTION PLAN: Washed cuttings and edible garbage will be disposed into the Gulf. Pollution prevention and control features will prevent contamination in accordance with OCS Orders 7 and 8. Any mud deposited into water shall be oil free in accordance with OCS Order 7. The Rig is equipped with drip pans, curbs and gutters and they will be maintained. All burnable trash will be taken to shore for disposal.

PLAN OF EXPLORATION

OCS-G 3188 West Delta Block 100

West Delta Block 117 Field

Well No. 1

Section 1:	PLAN DESCRIPTION
Section 2:	DRILLING EQUIPMENT
Section 3:	GEOLOGICAL AND GEOPHYSICAL SURVEY RESULTS AND SHALLOW DRILLING HAZARDS REPORT
Section 4:	LOCATION
Section 5:	PROPRIETARY DATA
Section 6:	OIL SPILL CONTINGENCY
Section 7:	MUD ADDITIVES

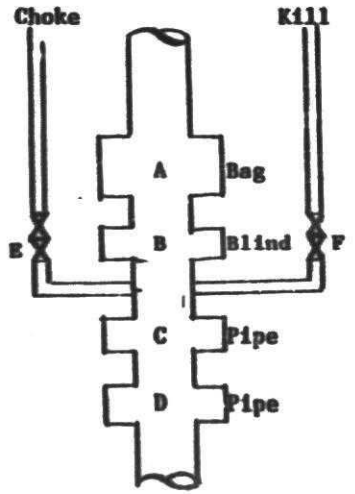
ATWOOD OCEANICS - VICKSBURG
GULF OF MEXICO

WELL OCS-G 3188 #1; West Delta 117

BLOWOUT PREVENTION PROGRAM

CASING OD	BOPS (NUMBER, KIND, PRESSURE RATING, AND ACCOMPANYING EQUIPMENT)
30" & 20"	21-1/4" 2000 psi WP Bag-Type Preventer with two 6" diverter lines and 6" 150 psi WP valves.
13-3/8", 9-5/8", 7"	One - 13-5/8", 5000 psi WP annular preventer One - 13-5/8", 10000 psi WP Cameron typ 'U' single preventer equipped with blind rams One - 13-5/8", 10000 psi Drilling Spool with two 3-1/8" side outlets One - 13-5/8", 10000 psi WP Cameron type 'U' double flanged preventer equipped with pipe rams
BOP Control System	Koomey Surface Accumulator BOP Control Unit, Model T 20150-3G, 3000 psi system with two remote control panels. Surface manifolding system with one SWACO hydraulic adjustable choke, one Cameron hydraulic adjustable choke, one Cameron manual adjustable choke and one Cameron manual positive choke.

BOP STACK TEST PROGRAM - GULF OF MEXICO (JACK-UP)

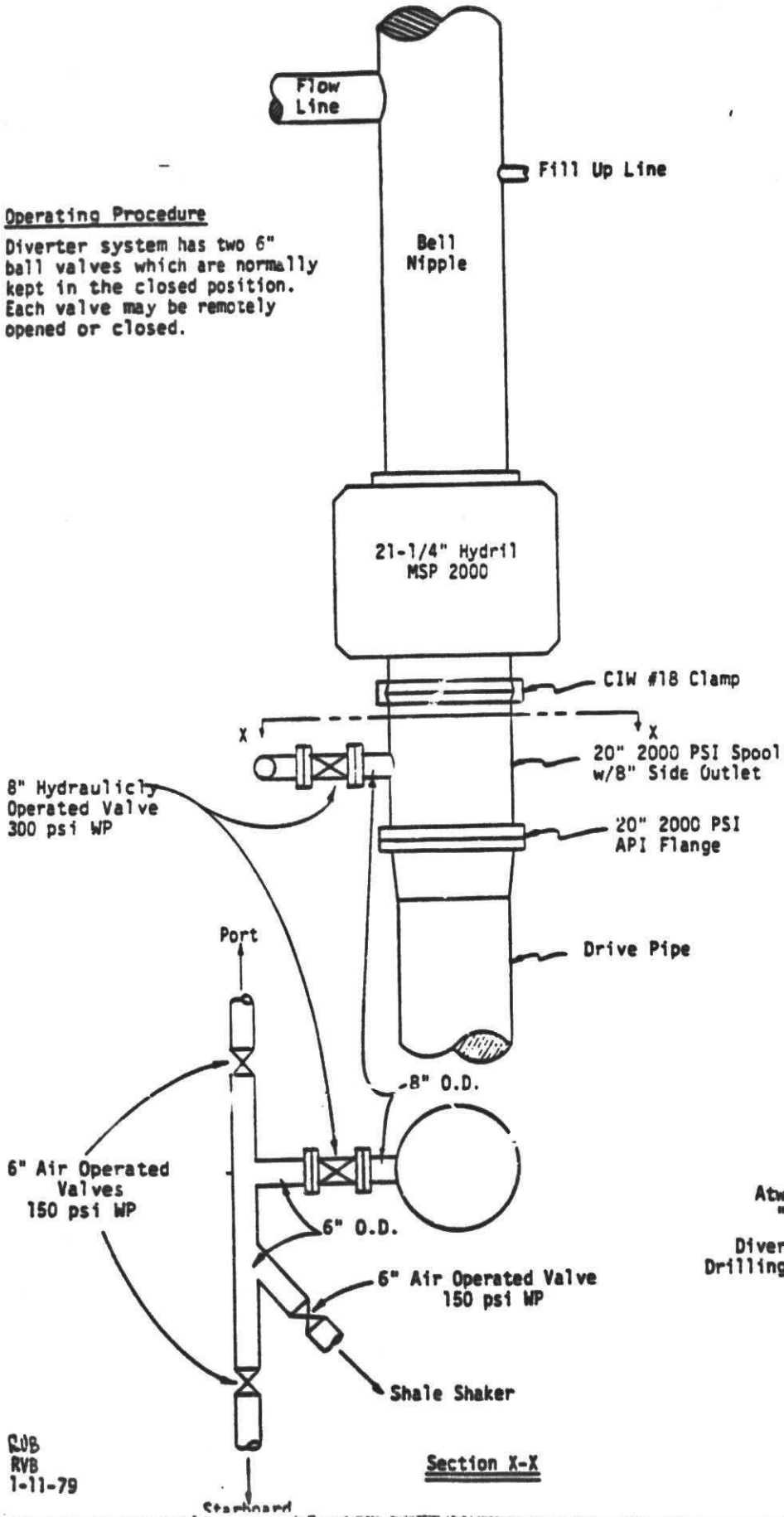


1. Initial Nipple Up Test - A, B, C, D, E, and F to 5000 psi.

2. Subsequent Testing.

Casing	Size-Grade	Minimum Yield	70% Minimum Internal Yield	Planned Test Pressure: Pipe Rams	Blind Rams	Annular BOPS
Surface	13-3/8", 68#, K-55	3,450	2,415	5,000	5,000	3,500
Protective	9-5/8", 47#, S-95	8,150	5,705	5,700	5,700	4,000
Liner	7", 32#, N-80	9,060	6,340	5,700	5,700	4,000

ATWOOD OCEANICS "VICKSBURG"
DIVERTER SYSTEM



Operating Procedure

Diverter system has two 6" ball valves which are normally kept in the closed position. Each valve may be remotely opened or closed.

Section X-X

Atwood Oceanics
"Vicksburg"

Diverter System For
Drilling Below Drive Pipe

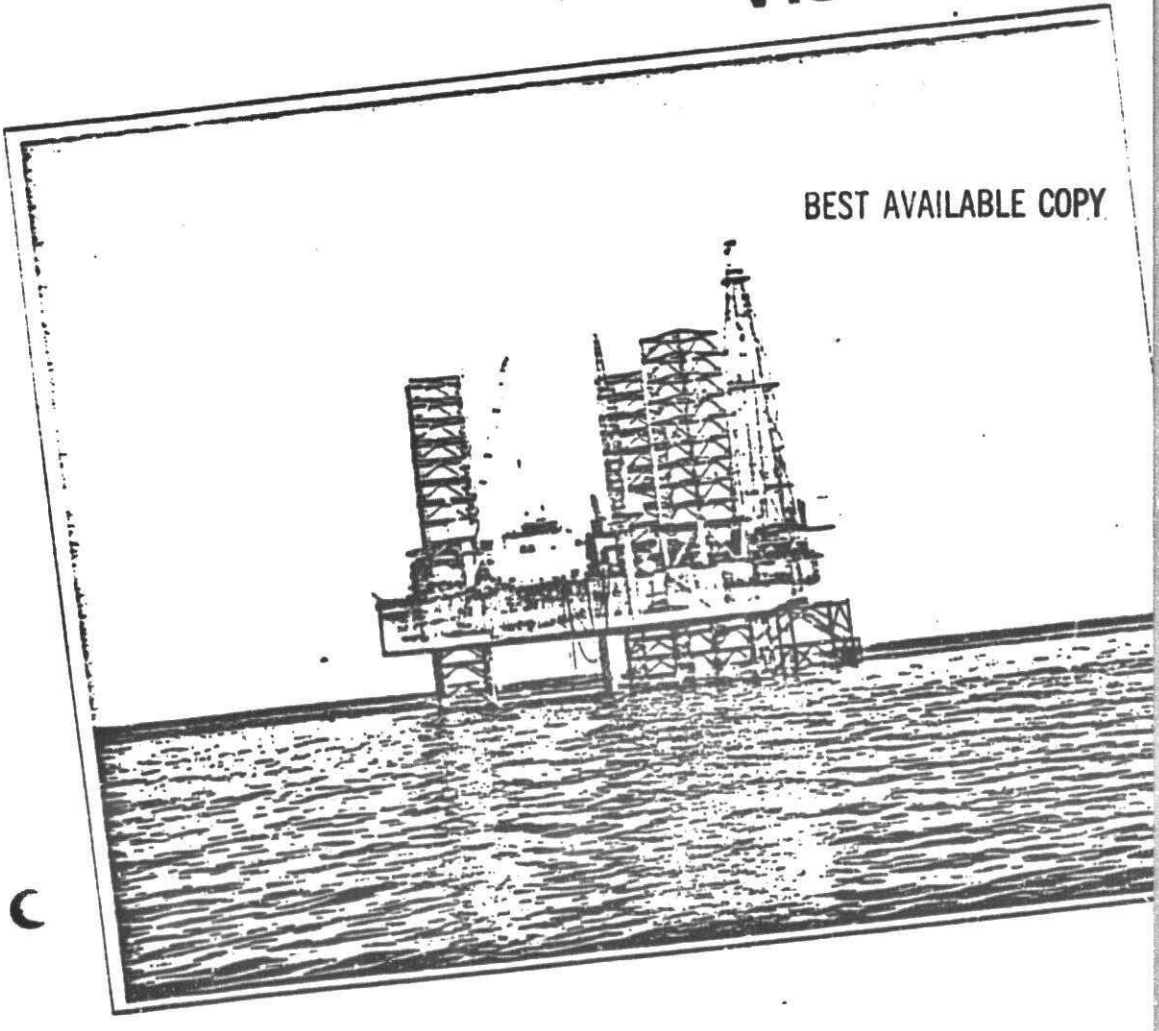
RJB
RVB
1-11-79

Larry Kelley Jr.
Operations
Res: (713) 496-1559

ATWOOD OCEANICS, INC.
10346 Katy Freeway (I-10 West)-Suite 300
P.O. Box 19147/Houston, Texas 77024
Telephone: (713) 467-7900
Cable: ATOCEANICS
Telex: 762-389

ATWOOD OCEANICS, INC.

Vicksburg



Vicksburg

CHARACTERISTICS

Three legged self-elevating drilling unit	
Non-self propelled	
Max. water depth	300 ft.
Min. water depth	20 ft.
Drilling depth	20,000 ft.
Average speed	3.2 knots with 9,000-hp Sea Tug
Classification:	ABS
Country of Registry	U.S.A.

PRINCIPAL DIMENSIONS

Length	248 ft.
Breadth	200 ft.
Height to main deck	26 ft.
Maximum leg length (for 300 ft. water depth)	410 ft
Drilling Slot	50'x41' long
Hull towing draft	15 ft.
Towing displacement	9,200 L.T.

CAPACITIES

Fuel	2,880 bbls.
Drill water	8,500 bbls.
Potable water	1,580 bbls.
Liquid Mud	1,400 bbls.
Sack Storage	3,000 sacks
Additional covered storage area	800 sq. ft.
Bulk storage (7 tanks)	9,380 cu. ft.
Tubular storage	5,000 sq. ft.
Accommodations	78 personnel

POWER SYSTEM

Diesel engines — Five (5) Caterpillar 1325-hp D-399 engines.
AC Generators — Three (3) GE 930-KW, 480-V AC
DC Generators — Seven (7) GE 752T, 750-hp, continuous input rating.
DC Distribution — GE DC control board for DC generators and DC motors.
AC Distribution — GE main 480-V, control board and motor control centers.
Emergency — One (1) 250-KW, 480-V, AC generator with GM Diesel Engine.

DRILLING EQUIPMENT

Drawworks — Continental-Emsco Model C2 Type II with two (2) GE-752 DC Motors, Sand Reel and Elmagr Brake. Model 6032.
Rotary — Continental-Emsco Type T-3750 with GE-752 DC Motor and Transmission
Crown Block — Continental-Emsco RA 60-70, 650-ton.
Hook Block — B.J. "5500" Dynaplex w/ auto Positioner
Swivel — Continental-Emsco Model LB-500 500 ton.
Derrick — Derricks, Inc. 147'x30'x30'x7'-11-3/8" top, 1,000,000 lbs. nominal capacity.
Cementing Unit — Halliburton Twin HT-400
Mud pumps — Two Continental-Emsco FA-1600-hp Triplex, each driven by two (2) GE-752 DC Motors. Two (2) Mission 6x8 75-hp Charging Pumps.
Mud Processing — Hutchison-Hayes 102 Dual Screen Shaker. Demco Model 123 Desander w/6x8 75-hp pump; Demco Model 412-H Desilter w/6x8 75-hp pump; Wellco Model 5200 Degasser; four (4) Turbo Mud Mixers, and two (2) Mission 6x8 75-hp Mud Mixing Pumps.

WELL CONTROL EQUIPMENT

BOP — One (1) 20", 2000-psi Annular Preventer.
One (1) 13-5/8", 5,000-psi Annular Preventer.
One (1) 13-5/8", 10,000-psi WP Single Blow-out Preventer.
One (1) 13-5/8", 10,000-psi WP Double Blow-out Preventer.
Choke and Kill — 3-1/16" 10,000-psi WP Choke & Kill Manifold.
Closing Unit — Koomey Model T20150-3G, 3000-psi WP, (160 gals)

MOORING SYSTEM

Anchors — Four (4) 10,000 lbs. Offdrill II
Winches & Rope — Four (4) electric motor driven Winches rated 50,000 lbs. pull, each with 2,00 ft. of 1-1/2" galvanized wire rope.

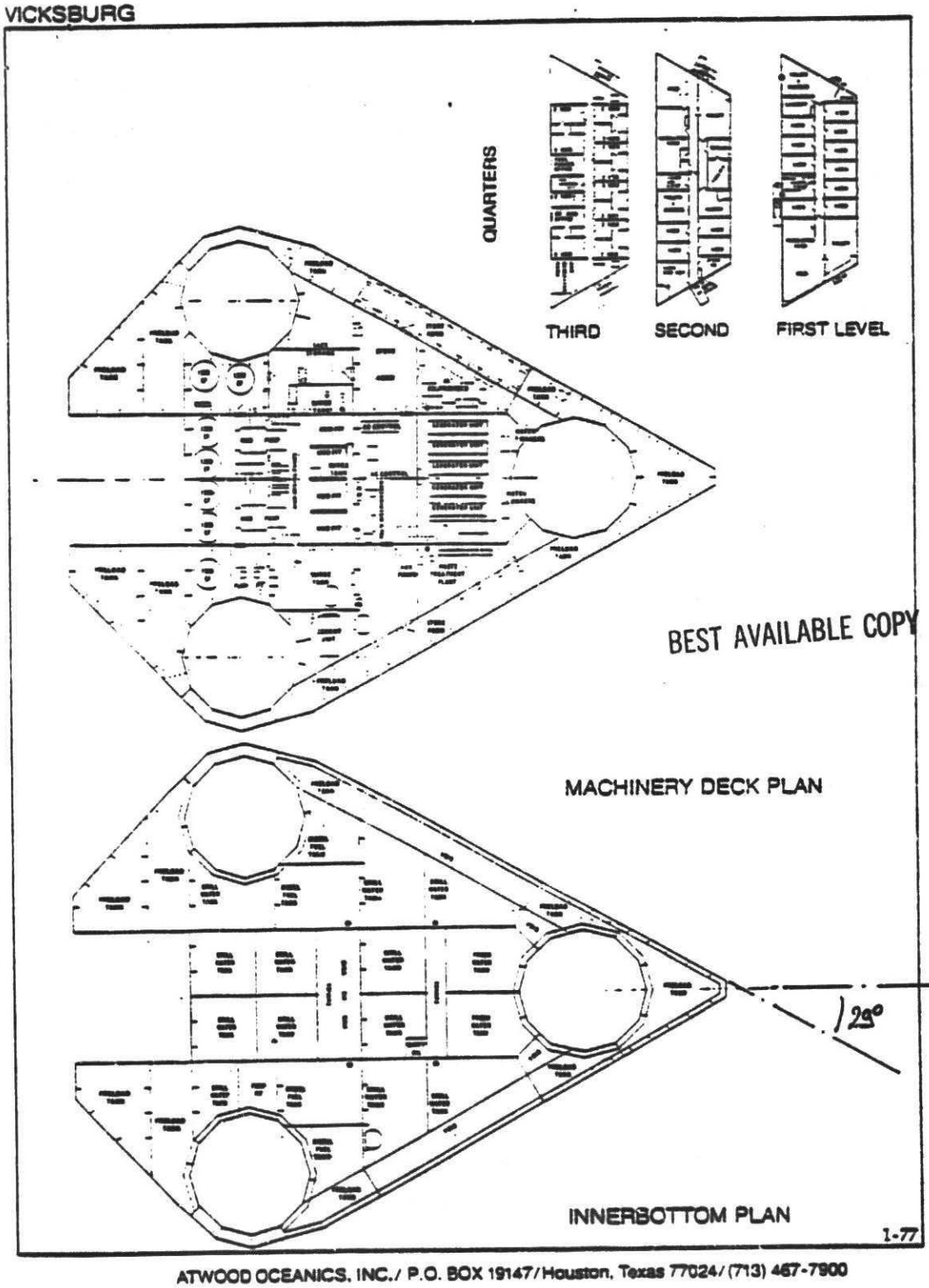
JACKING SYSTEM

Marathon LeTourneau Rack and Pinion Type Jacking System with an approximate speed of 1-1/2 ft./min., AC Electric motor drive.

AUXILIARY EQUIPMENT

Heliport — 70 ft. diameter capable of supporting an S-61 Helicopter.
Cranes — Three (3) LeTourneau Series PCM-120AS Elect.. Motor driven Cranes with 100 ft. boom rated 45 tons at 25 ft. radius.
Distillation Units — Two (2) Riley-Beaird Waste Heat Water Distillers rated at 10,000 gallons per day. At 2300 HP.
Air Compressors — Air package consisting of three (3) rotary screw compressors, one (1) refrigerated air dryer and one (1) cold start unit. Total capacity 950 cu. ft. at 125-psi.
Sewage Treatment Plant — One (1) Sewage Treatment Plant for 80 man capacity.

VICKSBURG



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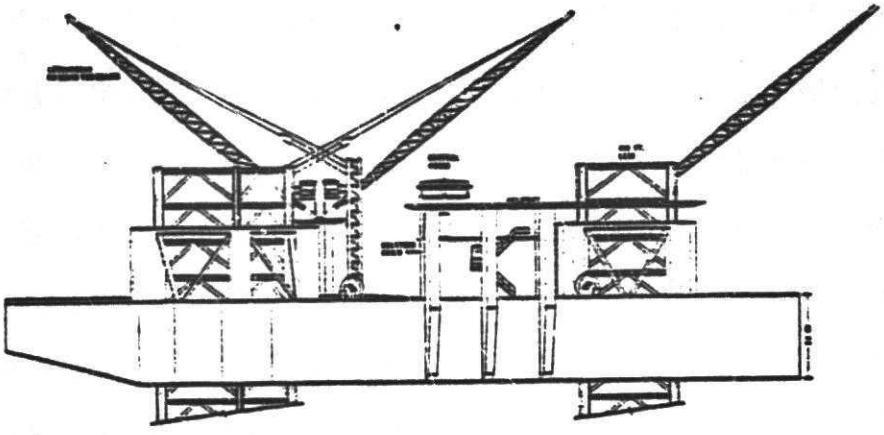
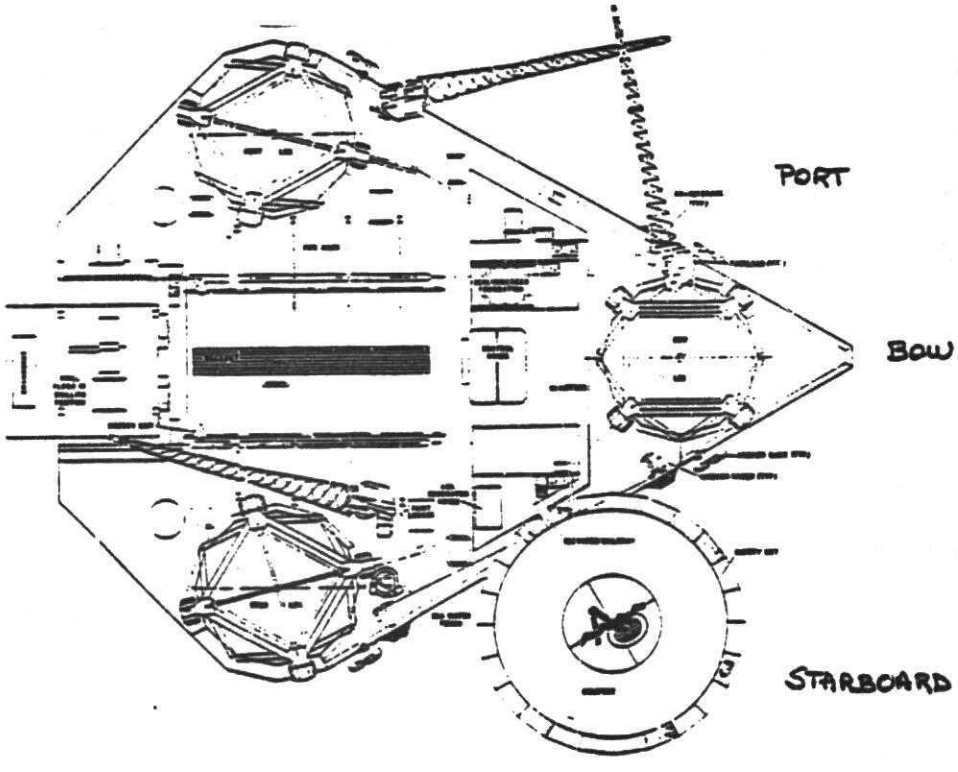


OUTBOARD PROFILE



MAIN DECK PLAN

VICKSBURG 248' x 200' x 26' SELF-ELEVATING DRILLING UNIT

OCS-G 3188, Well No. 1 West D[illegible] Block 100

PLAN OF EXPLORATION

SECTION 3: GEOLOGICAL AND GEOPHYSICAL SURVEY RESULTS, AND SHALLOW DRILLING HAZARDS REPORT

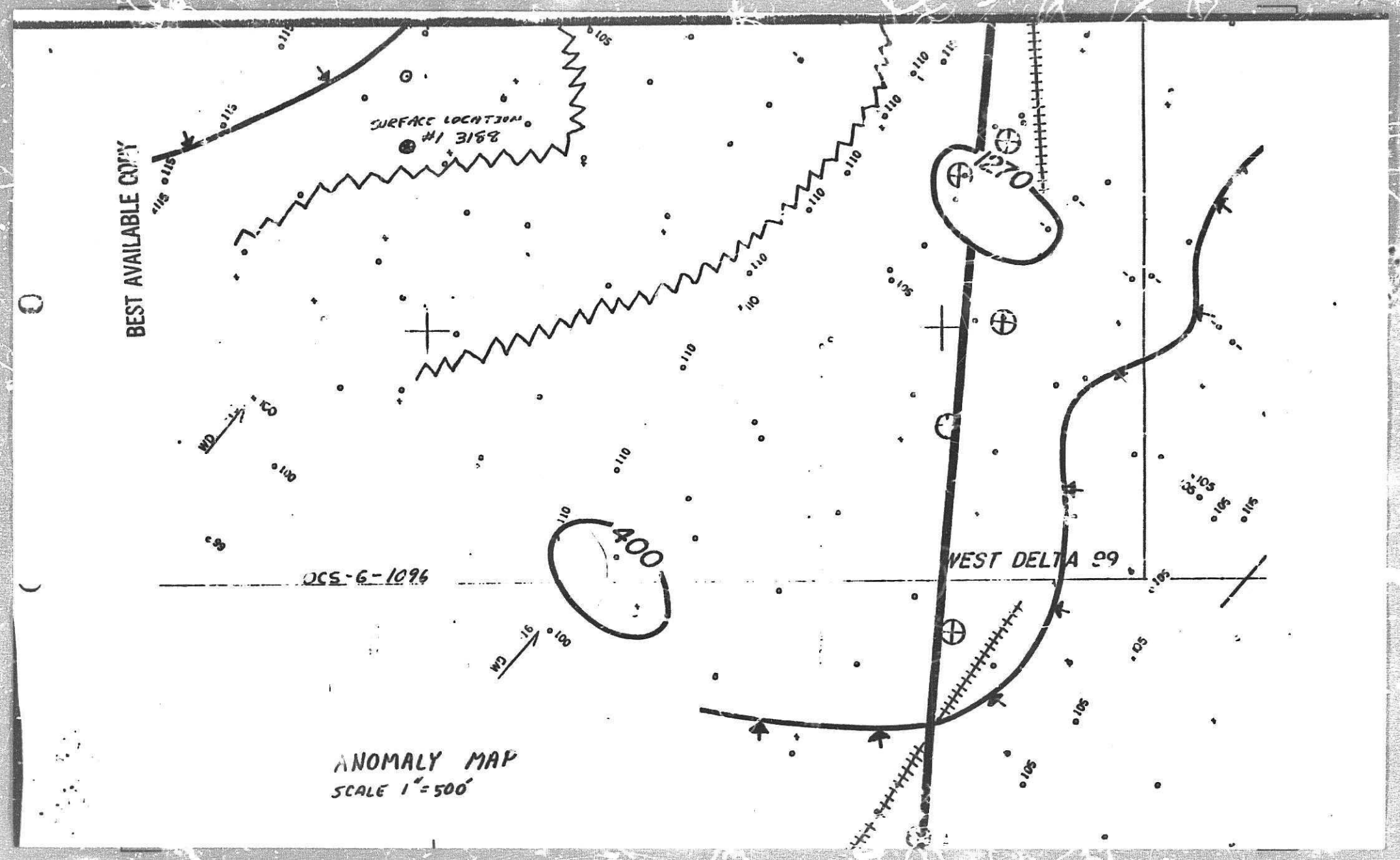
All anticipated geophysical work prepartory to initiation of exploratory drilling operations has been completed.

Water depth of West Delta Block 99 is approximately 200 feet. Our records indicate that the cultural resolution provision has not been invoked.

Pursuant to Notice to Lessees and Operators No. 75-8, dated June 1, 1975, and to 30 CFR 250.34 (a), we have examined available high resolution geophysical data (sparker), seismic CDP and bright spot information, velocity data, and geological data and find a few anomalies indicative of shallow gas accumulations were observed at depths of approximately 400, 1100, 1270 and 1300 feet below the sea level. The presence of pressured gas inside the "blank-out" zone cannot be ruled out.

A mud logger will be on location to monitor gas parameters from spud to toal depth. Drive pipe, conductor and surface casing will be set at depths to ensure safe drilling should shallow gas be encountered as per attached Casing and Cementing Program.

An Anomaly Map and Legend are attached.


BEST AVAILABLE COPY
SURFACE LOCATION
#1 3158
1270
400
OCS-G-1096
WEST DELTA 99
ANOMALY MAP
SCALE 1"=500'

X=2,492,500

X=2,495,000

LEGEND

	BLOCK BOUNDARY
WD117-18	LINE NUMBER AND DIRECTION
100	NAVIGATION FIX POSITIONS FOR ANALOG LINES
100	NAVIGATION FIX POSITIONS FOR DIGITAL LINES
350FT.	BURIED STREAM CHANNELS 350 FT. B.S.L.
400'	AMPLITUDE ANOMALY, APPROX. DEPTH IN FT. B.S.L. TO TOP OF EVENT POSTED.
	BLANK OUT ZONE INDICATIVE OF GAS CHARGED SEDIMENTS.
	DRAG MARK
	BURIED PIPELINE
	OBSERVED MAGNETIC ANOMALY
	GASIFIED SEDIMENTS

NOTE:

1. DATUM SEA LEVEL
2. FORESET BEDS OCCUR THROUGHOUT THE SURVEY AREA AT DEPTHS BETWEEN 350 FEET TO 700 FEET B.S.L.

OCS-G 3188, Well No. 1 West Delta Block 100

PLAN OF EXPLORATION

Section 4: LOCATION

A. LOCATION MAP OF BLOCK AND SHORELINE: See attached Vicinity Map.

B. DESCRIPTION OF ONSHORE FACILITIES: The following facilities are located in a 10 acre tract at Grand Isle, Louisiana.

300 ft. of dock frontage
± 1400 sq. ft. of covered warehouse
± 5000 sq. ft. heliport building
100' X 50' landing pad
± 3200' sq. ft. office space
22000 bbl. of diesel fuel storage capacity
500 bbl. of helicopter fuel storage capacity
6000 bbl. of fresh water storage capacity
9000 sq. ft. of open storage area

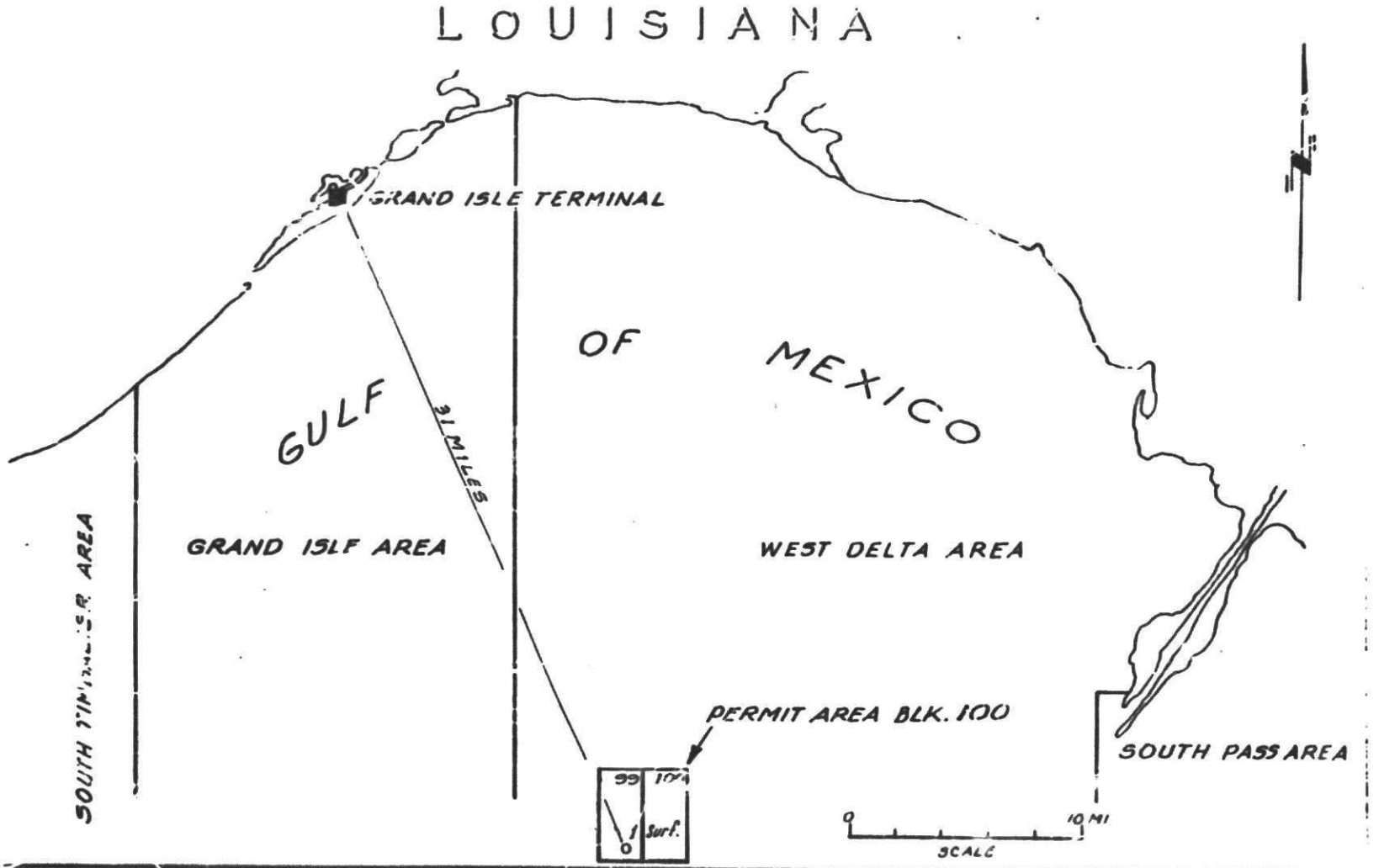
No additional acquisitions or facility expansions are contemplated.

SUPPORT EMPLOYEES: At this time, there are thirty-five contract employees and seven Exxon employees working in the dock area. No additional employments are forecast at this time and the impact on housing, services and public facilities are expected to be minimal.

TRAVEL RATES AND FREQUENCY: At current exploration activity levels, we expect ± 150 boat trips and ± 200 helicopter flights per month from Grand Isle facilities to rig locations. All helicopter flights follow the most practical direct route to the rigs. Boats travel through Barataria Bay, out Barataria Pass to the open Gulf of Mexico.

Distances and headings must be calculated for specific drill sites; the subject lease is approximately 31 miles south southeast of Grand Isle, Louisiana.

C. LOCATION MAP OF BLOCK WITH WELL LOCATION: See attached Location Plat.



APPLICATION BY
Exxon Company, U.S.A.
(DIVISION OF EXXON CORPORATION)

VICINITY MAP FOR O.C.S-G 3188
WEST DELTA BLOCK 117 FIELD
GULF OF MEXICO

DRAWN BY	CHECKED BY	DATE	REVISED	SHEET	FILE NO
L.A.S.	E.O.	8/29/72	4/20/73	11	EA-5196

Exxon

Y= 82,150

O.C.S.-G 1092

Exxon

Exxon

Exxon
O.C.S.-G 1097

Open

99

100

101

X= 2,400,977.9

"PUBLIC INFORMATION"

2,511,427.9

(OCS-G 3188)
1 Surf.
O

O.C.S.-G 1096

O.C.S.-G 3188

Y= 67,307.9

Gulf

117

O.C.S.-G 1101

Open

116

2000 0 2000 4000 FT.

SCALE

O.C.S.-G 3188
WEST DELTA BLOCK 117 FIELD
GULF OF MEXICO

Exxon Company, U.S.A.
(DIVISION OF EXXON CORPORATION)
PRODUCTION DEPARTMENT
NEW ORLEANS

N R.A. Gutierrez	ENGR. SECTION	REVISED	SCALE 1" = 2000'	JOB NO.
ED	APPROVED		DATE 10/23/78	FILE NO. EB-2319

OCS-G 3188, Well No. 1 West Delta Block 100

PLAN OF EXPLORATION

Section 6: OIL SPILL CONTINGENCY

Description of Procedures for Preventing, Reporting, and Cleaning Up Oil Spills or Waste Materials:

These procedures are included in contingency manuals developed by Exxon's Southeastern Division office and revisions approved January 17, 1978, by the Oil and Gas Supervisor, Gulf of Mexico, U. S. Geological Survey.

Items of equipment for controlling and cleaning up oil spills (other than those included in the rig inventory) are listed in Section III of the Clean Gulf Associates "Oil Spill Contingency Manual", including location and capacity of each such items. Response time in the event of an emergency for this specific lease 31 miles from Grand Isle, Louisiana, is 31 minutes by copter; 3 hours, 30 minutes by crew boat; 3 hours, 10 minutes by Clean Gulf boat and 6 hours by cargo boat.

Section 7: MUD ADDITIVES

Standard additives that will be used in the drilling fluid are: bentonite, barite, lignite, lignosulfonate, and casutic soda. Additional additives that may be used in the drilling fluid are: soda ash, sodium bicarbonate, driscose, defoamer and bactericide.