In Reply Refer To: MS 5231 October 30, 1995

Enserch Exploration Inc.
Attention: Ms. Suzy Younger
4849 Greenville Avenue, Suite 1200
Dallas, Texas 75206-4186

Gentlemen:

Reference is made to the following plan received October 16, 1995:

Type Plan - Supplemental Development Operations Coordination Document
Lease - OCS-G 7220
Block - 455
Area - Brazos
Activities Proposed - Wells A-4 through A-7

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-3799 and should be referenced in your communication and correspondence concerning this plan.

Sincerely,

(Orig. Sgd.) Lori E. Sullivan

Donald C. Howard
Regional Supervisor
Field Operations

NOTED-SCHEXNAILDRE

bcc: Lease OCS-G 7220 POD File (MS 5032)
MS 5034 w/public info. copy of the plan
and accomp. info.

DTrocquet:cic:10/26/95:DOCDCOM

NOTED-SCHEXNAILDRE

S-3799

ENSERCH EXPLORATION INC

4849 Greenville Ave., Suite 1200
Dallas, Texas 75206-4186
214-369-7893

Suzy Younger
Regulatory Compliance Specialist
Offshore/International Region
Telephone: 214-987-7850

FEDERAL EXPRESS

October 12, 1995

Mr. Donald C. Howard, Regional Supervisor
Office of Field Operations
U.S. Department of the Interior
Minerals Management Service
1201 Elmwood Park Boulevard
New Orleans, LA 70123-2394

Re: Supplemental Development Operations Coordination Document
Lease OCS-G 7220
Brazos Area Block 455
OCS Federal Waters, Gulf of Mexico
Offshore, Louisiana

Gentlemen:

In accordance with the provisions of Title 30 CFR 250.34, Enserch Exploration, Inc. hereby submits for your review and approval nine (9) copies of a Supplemental Development Operations Coordination Document for Lease OCS-G 7220, Brazos Area Block 455, Offshore, Texas. Five (5) copes are "Proprietary Information" and four (4) are "Public Knowledge".

Excluded from the Public Information copies are certain geologic discussions, depth of wells and structure map.

Enserch Exploration, Inc. anticipates commencing activities under this proposed supplemental Development Operations Coordination Document on or about December 1, 1995.

Should additional information be required, please contact the undersigned at (214) 987-7850.

Very truly yours,

Suzy Younger

Suzy Younger
Regulatory Compliance Specialist

SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

BRAZOS BLOCK 455, LEASE OCS-G-7220

Enserch Exploration, Inc. (EEI), as designated operator of the subject lease, submits this proposed Supplemental Development Operations Coordination Document in accordance with the 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.

In accordance with Letter to Lessees and Operators (LTL) dated November 5, 1993 which amends Title 30 CFR Part 256 surety bond requirements applicable to OCS lessees and operators, Enserch Exploration, Inc. has submitted additional bonding to meet the $3,000,000 area wide bonding criteria.

HISTORY OF LEASE

A total of three (3) wells, the OCS-G 7220 A-1, A-2 and A-3 have been drilled under the previously approved DOCD for Brazos Area Block 455. The current status of the wells is as follows:

OCS-G 7220 A-1- TA
OCS-G 7220 A-2- producing
OCS-G 7220 A-3 - TA

This supplemental DOCD provides for the drilling of OCS-G 7220, Wells A-4, A-5, A-6 and A-7.

SCHEDULE OF OPERATIONS

Enserch Exploration, Inc. proposes to drill four (4) wells from one (1) surface location in Brazos Area Block 455 subject to the issuance of the required Application for Permit to Drill.

The production will be carried trough a 6-5/8" pipeline to the Exxon platform in Brazos Block 453, and from Block 453 through a 12" pipeline to the TGPL Central Texas Lateral pipeline for onshore disposition.

No new near shore or onshore pipelines or facilities will be constructed.

A well location plat and table showing the surface and bottom hole location, total well depth and water depth of the proposed wells is included as Attachment A.

Activities under this Supplemental Development Operations Coordination Document for Brazos 455 will commence on approximately December 1, 1995. The following schedule details the chronological order of the proposed events.

Activity	Activity Schedule
1. Drill and complete Well No. A-4	December 1, 1995- March 1, 1996
Commence Production Well No. A-4	March 1, 1996
2. Drill and complete Well No. A-5	March 2, 1996 - June 3, 1996
Commence Production Well No. A-5	June 3, 1996
3. Drill and complete Well No. A-6	June 4, 1996 - September 4, 1996
Commence Production Well No. A-6	September 5, 1996
4 . Drill and complete Well No. A-7	September 6, 1996 - December 3, 1996
Commence Production Well No. A-7	December 4, 1996

DESCRIPTION OF DRILLING UNIT

The proposed wells will be drilled and completed for production with a typical jack-up type drilling rig. When a rig is selected, the rig specifications will be made a part of the Application for Permit to Drill. Typical Diverter and BOP Schematics are included as Attachments B.

Safety features will include well control and blowout prevention equipment as described in Title 30 CFR 250.50. The appropriate life rafts, life jackets, ring buoys, etc., as prescribed by the U. S. Coast Guard will be maintained on the facility at all times.

DESCRIPTION OF PLATFORM

The existing structure is a four-pile platform (Platform A) and consists of a jacket, wellhead deck, production deck, helideck and boat landing. A schematic of the platform is included as Attachment C.

STRUCTURE MAP

A current structure map drawn to the top of a prospective hydrocarbon accumulation showing the surface and bottom hole locations of the proposed wells is included as Attachment D.

BATHYMETRY MAP

A bathymetry map showing the surface location of the proposed wells, which is the same as the platform location, is included as Attachment E.

SHALLOW HAZARDS

A shallow hazards analysis has been prepared by Marine Technical Services, Inc. for the production platform and has been evaluated for any seafloor and subsurface geologic and manmade features and conditions under the Development Operations Coordination Document and approved by your office in July, 1994. EEI's shallow hazard letter is included as Attachment F.

OIL SPILL CONTINGENCY PLAN

All drilling, construction and production operations shall be performed in accordance with industry standards to prevent pollution of the environment. EEI's Oil Spill Contingency Plan has been approved by MMS. This plan designates an Oil Spill Response Team consisting of EEI'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.

EEI is a member of Clean Gulf Associates (CGA). The CGA stores pollution control equipment at two locations in Texas, at Port Aransas and Galveston; five locations in Louisiana, at Venice, Grand Isle, Intracoastal City, Houma and Cameron and one location in Alabama, at Theodore.

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.

EEI will make every effort to see that a spill is 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 6 to 7 hours, including preparation time as indicated below. A heavy equipment system response would require approximately 24 to 36 hours, including 6 hours preparation time.

	Hours
1. Utilize boat under contract or procure a boat and deploy to nearest CGA Base in Galveston, Texas	2.0
2. Load out Fast Response Unit	1.5
3. Travel time to spill site (31 miles at 10 MPH)	3.1

Equipment located in Galveston, Texas would be utilized first with additional equipment transported from the nearest equipment base as required.

In the event a spill occurs from the proposed surface location in Brazos Block 455, our company has projected trajectory of a spill impacting the coastline, 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), the probable projected landfall of an oil spill from Brazos Area Block 455 is outlined below. 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
BA 455	Calhoun	1%	7
	Matagorda	38%	8
	Brazoria	9%	9

If a spill should occur from the existing or proposed surface locations, EEI would immediately activate its Oil Spill Response Team, determine from current conditions the probable location and time of land fall by contacting Continental Shelf Associates and/or the National Oceanic 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.

Volume II, Sections V and VI of the CGA Manual contains maps as listed above, equipment containment/cleanup protection response modes for the sensitive areas and 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 operations of equipment to more effectively respond to site-specific circumstances.

NEW OR UNUSUAL TECHNOLOGY

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

LEASE STIPULATIONS

According to the report submitted to the MMS by Texaco Producing, Inc. (POE N-2392) based on the complete geophysical survey conducted by Marine Technical Service, there are no cultural or archaeological resources in Brazos 455.

DISCHARGES

All discharges associated with the drilling, completion and production of the proposed wells will be in accordance with the permit limitations addressed in the Environmental Protection Agency NPDES General Permit No. 290000 for the Gulf of Mexico.

Discharges will contain no free oil and will be in compliance with and monitored as required by the permit. Any drilling fluid contaminated with oil will be transported to shore for proper disposal at an authorized disposal site.

Solid domestic wastes will be transported to shore for proper disposal at an authorized disposal site, and sewage will be treated on location by U. S. Coast Guard approved marine sanitation devices.

Mud may be discharged for purposes of dilution or at end of well. Surveillance of the fluid is accomplished through daily inventory of mud and chemical adds to the system; in addition to monthly and end-of-well LC50 toxicity tests required by EPA. Typical mud components that may be used in the drilling of the proposed wells are included as Attachment G.

The anticipated discharges associated with EEI's operations in Brazos Block 455 are included as Attachment H.

HYDROGEN SULFIDE

By letter dated August 26, 1994, and in accordance with Title 30 CFR 260.67(c), Minerals Management Service classified the area in which the proposed drilling operations are to be conducted as a zone where the absence of H_2S has been confirmed.

PROJECTED EMISSIONS

Projected Air Quality Emissions are included as Attachment I.

ONSHORE SUPPORT BASE

Brazos Block 455 is located approximately 33 miles south of Freeport, Texas and 20 miles from the nearest shoreline. The water depth is approximately 91 feet. A vicinity map

showing the location of Block 455 relative to the shoreline and onshore base is included as Attachment J.

EEI will utilize existing onshore facilities located in Freeport, Texas. This will serve as port of debarkation for supplies and crews. No onshore expansion or construction is anticipated with respect to the proposed activities.

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. Support vessels and travel frequencies during drilling activities are as follows:

	Drilling/Completion	Production
Crew Boat	3 Trip Per Week	0 Trips Per Week
Supply Boat	1 Trips Per Week	0 Trips Per Week
Helicopter	4 Trip Per Week	2 Trips Per Week

AUTHORIZED REPRESENTATIVE

Inquiries may be made to the following authorized representative:

Suzy Younger
Regulatory Specialist
Enserch Exploration, Inc.
4849 Greenville Avenue, Suite 1200
Dallas, Texas 75206-4186
(214) 987-7850

LIST OF ATTACHMENTS

A. Well Location Table and Plat
B. Typical Diverter and Blowout Preventer Schematics
C. Platform Elevation Drawing
D. Structure Map
E. Bathymetry Map
F. Shallow Hazard Letter
G. Typical Mud Components
H. Quantities and Rate of Discharge
I. Projected Air Emissions
J. Vicinity Map

ENSERCH EXPLORATION, INC.

SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

LEASE OCS-G 7220
BRAZOS BLOCK 455

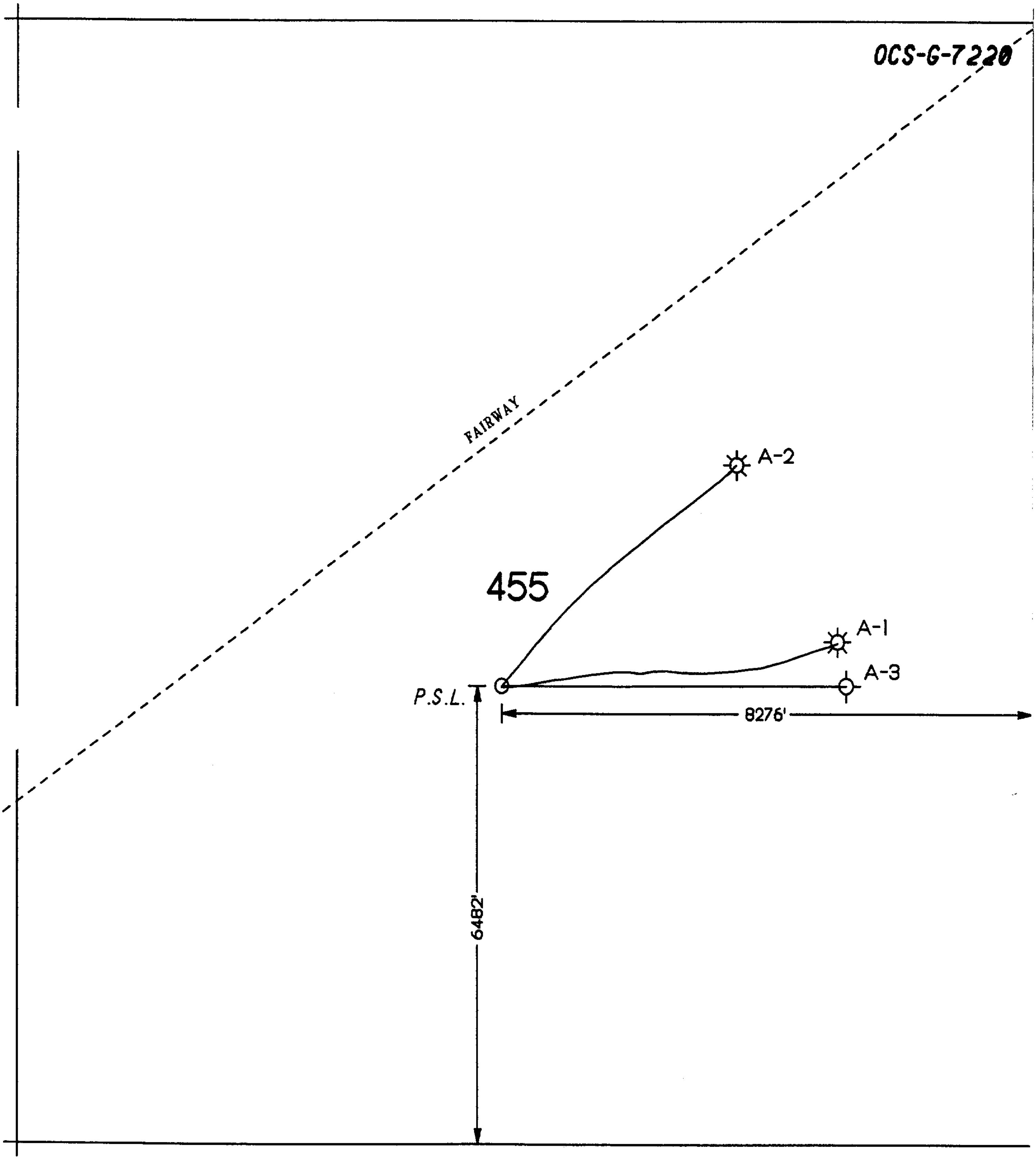
WELL LOCATION TABLE

WELL		LOCATION	TD	WD
A-4	SL:	6482' FSL & 8276' FEL	13,000 TVD	91'
A-5	SL:	6482' FSL & 8276' FEL	13500 TVD	91'
A-6	SL:	6482' FSL & 8276' FEL	13950 TVD	91'
A-7	SL:	6482' FSL & 8276' FEL	13950 TVD	91'

Lat: 28° 28' 50.043"
Long: 95° 30' 58.598"

X = 3,119,022.29
Y = 251,962.38

PUBLIC INFORMATION COPY



Scale

0 2000'

-N-

Certified by:: *[signature]*

P.E.:

REVISIONS	
By	Date

ENSERCH EXPLORATION INC

OFFSHORE REGION

Brazos Block 455

Gulf of Mexico

LOCATION PLAT

Public Information Copy

Prepared for Terry Prater

C.I.: NA

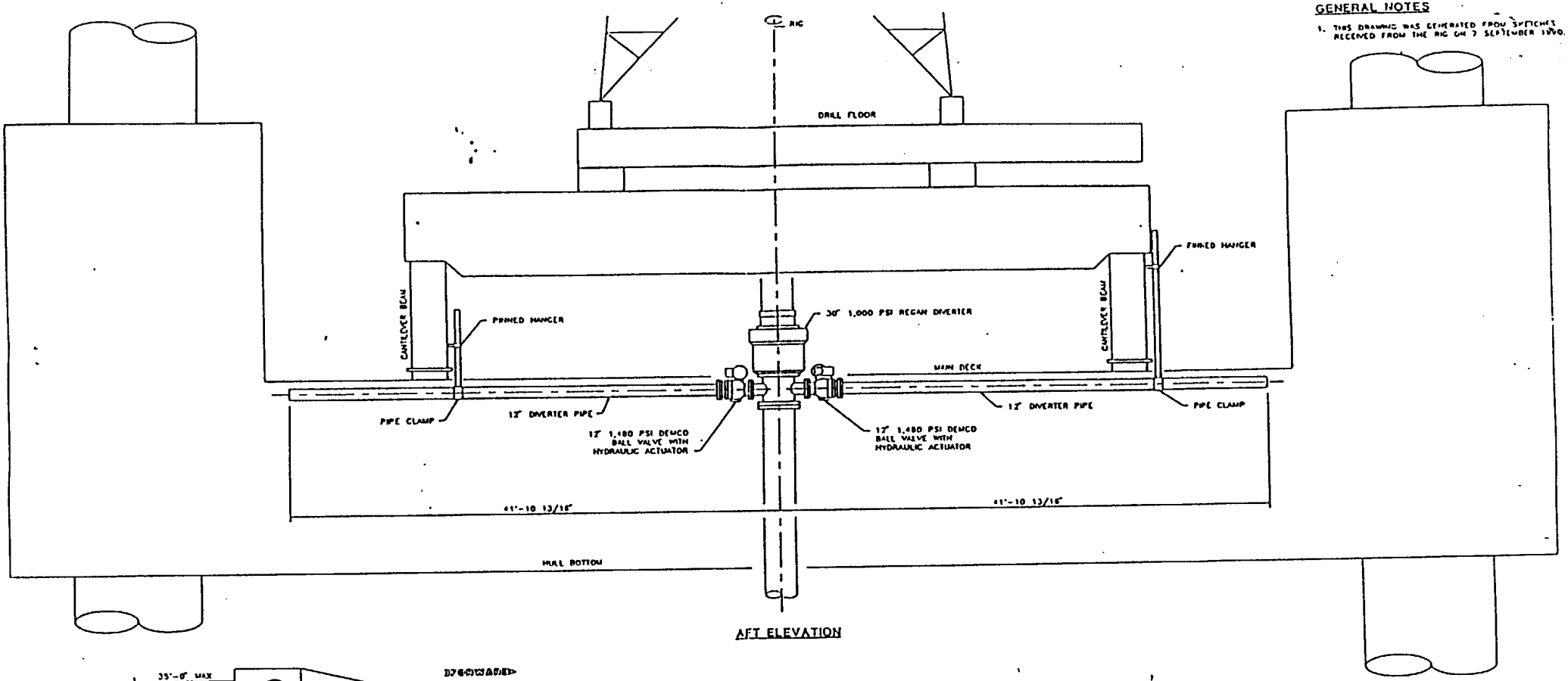
Drafted by Kevin Gallatin

Drwg.: Bz455TP2.fcd

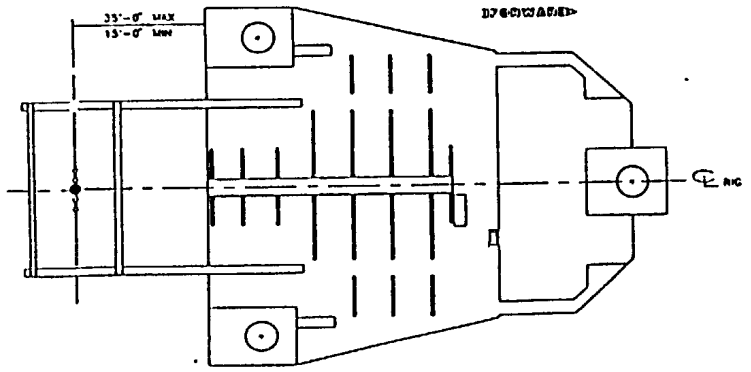
Date: Ocy. 6, 19

GENERAL NOTES

1. THIS DRAWING WAS GENERATED FROM SKETCHES RECEIVED FROM THE RIG ON 7 SEPTEMBER 1990.



AFT ELEVATION



KEY PLAN

BEST AVAILABLE COPY

FOR REFERENCE ONLY

THIS DRAWING CONTAINS PRELIMINARY DESIGN OR PROPOSAL INFORMATION. VERIFY ANY INFORMATION ON THIS DRAWING BEFORE USING.

SONAT OFFSHORE DRILLING
Sonat Offshore Drilling Inc.
Houston, Texas

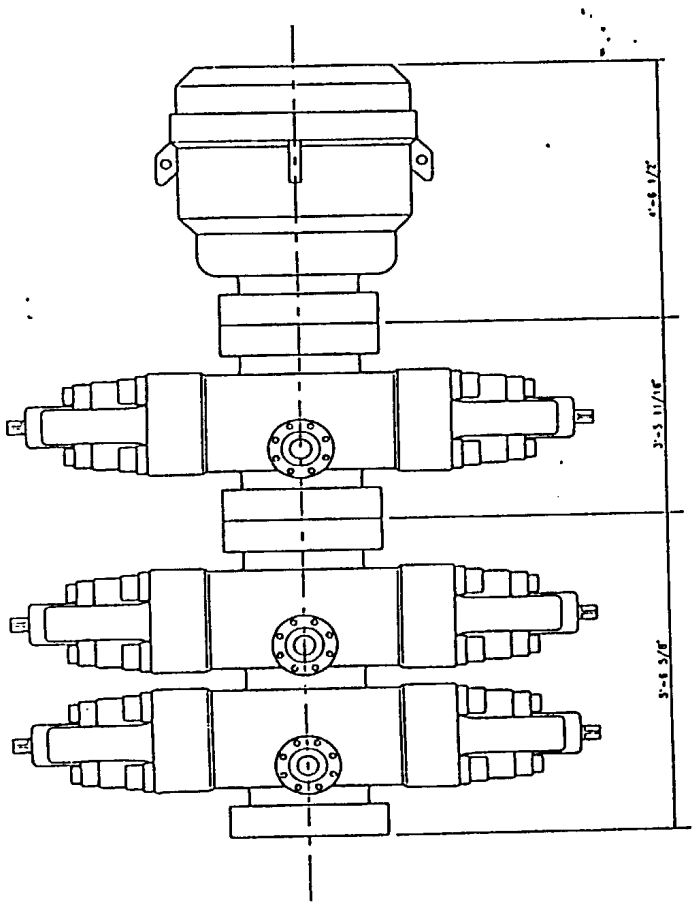
SONAT D-F 85

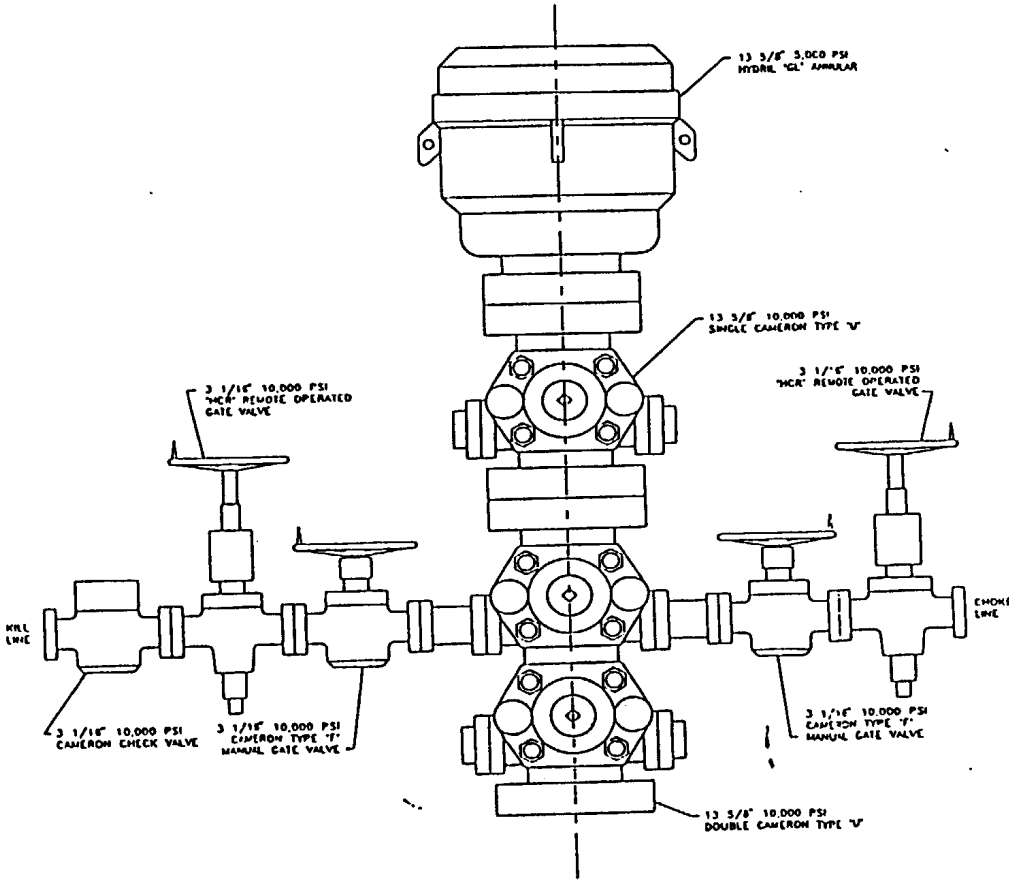
DIVERTER SYSTEM

1/8" = 1'-0"			
3785	902-00	1	1

GENERAL NOTES

1. THIS DRAWING WAS GENERATED FROM SKETCHES RECEIVED FROM THE RIG ON 7 SEPTEMBER 1990.





FOR REFERENCE ONLY

THIS DRAWING CONTAINS PRELIMINARY DESIGN OR PROPOSAL INFORMATION. VERIFY INFORMATION ON THIS DRAWING BEFORE USING.

BEST AVAILABLE COPY

SONAT OFFSHORE DRILLIN

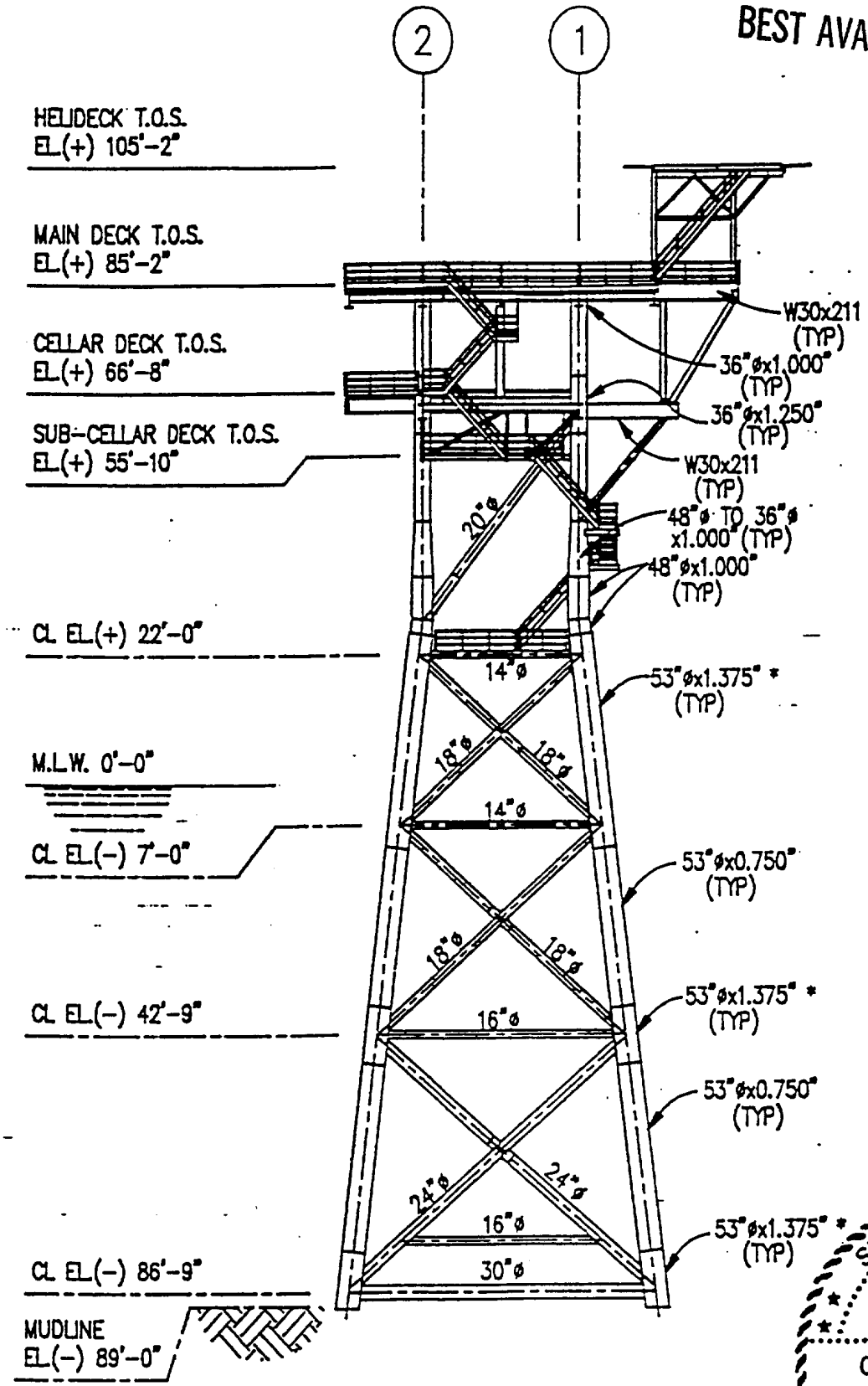
Sonat Offshore Drilling Inc.
Houston, Texas

SONAT D-F 85

B. O. P. ARRANGEMENT

1" = 1'-0"			
3785	901-00	1	1

BEST AVAILABLE COPY



ELEVATION ROW "B"
SCALE: 1"=30'-0"

* API 2H GR. 42 MATERIAL

STATE OF TEXAS
CHENG-PEN KWEI
67734
REGISTERED PROFESSIONAL ENGINEER
3/10/93

FILE: 0402 DATE: 03/10/93 TIME: 13:34

THRONSON ENGINEERING CORP.
HOUSTON, TEXAS

EP OPERATING LIMITED PARTNERSHIP
ASSEMBLY ELEVATION ROW "B"
BRAZOS BLOCK 455 "A"

DRWN: S.W.	DATE: 2/17/93	JOB NO. 1822	CLIENT APPV:	SCALE: 1"=30'-0"	
CHKD: B.D.	DATE: 2/22/93	ENGR.APPV.	DRAWING NO: A-1822-0402	REV: A	

CONTAINS CONFIDENTIAL DATA

ATTACHMENT

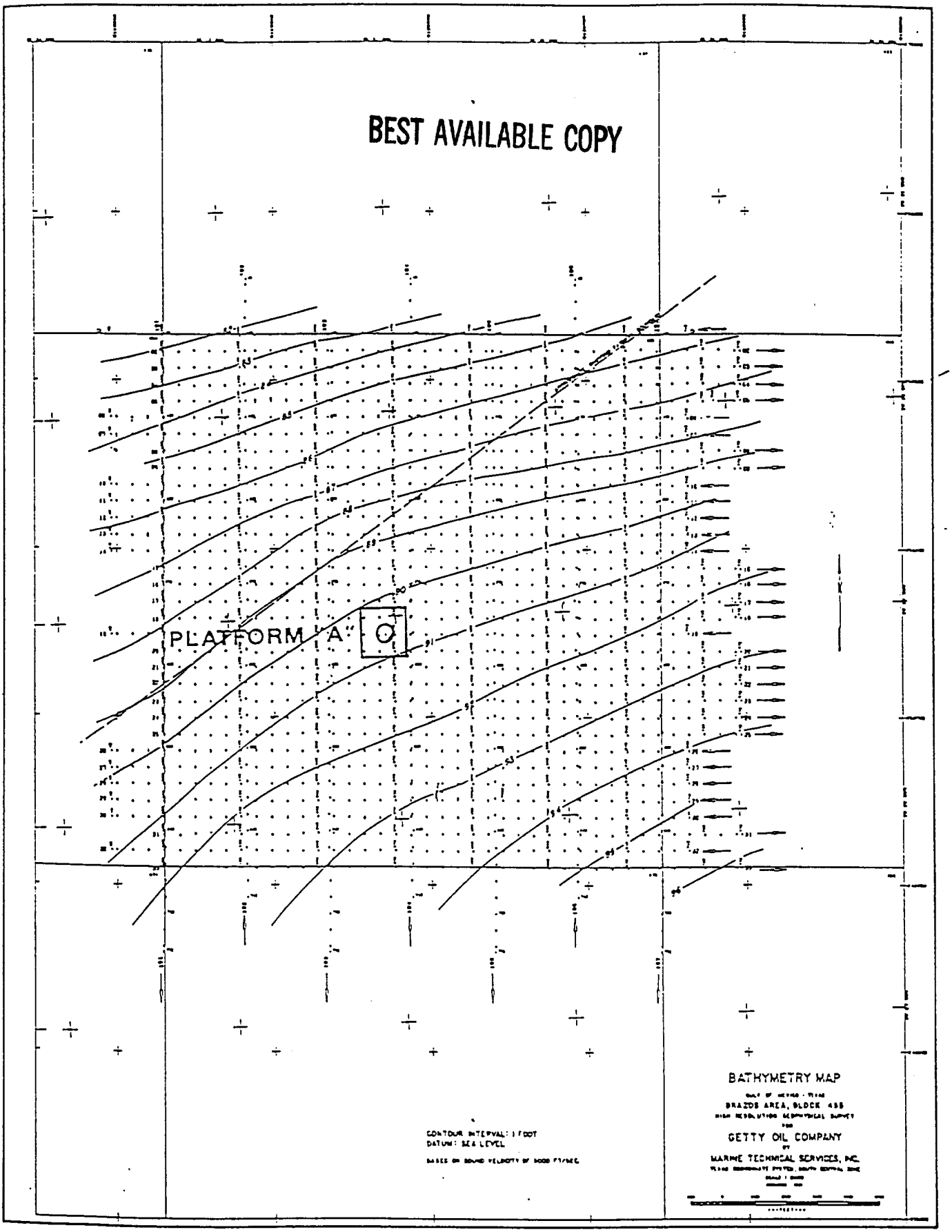


FIGURE 2

CONTAINS CONFIDENTIAL DATA

DRILLING MUD COMPONENTS

COMMON CHEMICAL OR NAME	DESCRIPTION OF CHEMICAL TRADE 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"	Non-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	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

SUPPLEMENTAL DEVELOPMENT OPERATIONS
COORDINATION DOCUMENT

LEASE OCS-G 7220
BRAZOS BLOCK 455

LOCATION A-4

DEPTH	HOLE SIZE	QUANTITY (Bbls)	DISCHARGE RATE
1250	26"	3275	Max 1000 BPH
4800	20"	5060	Max 1000 BPH
6800	14-3/4'	1875	Max 1000 BPH
9700	10-5/8"	1200	Max 1000 BPH
16003	8-1/5"	2045	Max 1000 BPH

Total discharges estimated to be: **13455 Bbls.**

SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

LEASE OCS-G 7220
BRAZOS BLOCK 455

LOCATION A-5

DEPTH	HOLE SIZE	QUANTITY (Bbls)	DISCHARGE RATE
1250	26"	3275	Max 1000 BPH
4950	20"	5300	Max 1000 BPH
6900	14-3/4"	1990	Max 1000 BPH
9875	10-5/8"	1350	Max 1000 BPH
16500	8-1/2"	2120	Max 1000 BPH

Total discharges estimated to be: **14035 Bbls.**

SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

LEASE OCS-G 7220
BRAZOS BLOCK 455

LOCATION A-6

DEPTH	HOLE SIZE	QUANTITY (Bbls)	DISCHARGE RATE
1250	26"	3290	Max 1000 BPH
4600	20"	5275	Max 1000 BPH
6800	14-3/4"	1760	Max 1000 BPH
9300	10-5/8"	1275	Max 1000 BPH
17000	8-1/2"	2300	Max 1000 BPH

Total discharges estimated to be: **13900 Bbls.**

SUPPLEMENTAL DEVELOPMENT OPERATIONS
COORDINATION DOCUMENT

LEASE OCS-G 7220
BRAZOS BLOCK 455

LOCATION A-7

DEPTH	HOLE SIZE	QUANTITY (Bbls)	DISCHARGE RATE
1260	26"	3300	Max 1000 BPH
4650	20"	5300	Max 1000 BPH
6890	14-3/4"	1825	Max 1000 BPH
9500	10-5/8"	1350	Max 1000 BPH
17000	8-1/2"	2400	Max 1000 BPH

Total discharges estimated to be: **14175 Bbls.**

COMPANY	ENSERCH EXPLORATION , INC.
AREA	BRAZOS
BLOCK	455
LEASE	OCS G 7220
PLATFORM	
WELL	
LATITUDE	
LONGITUDE	
COMPANY CONTACT	JAMES J. WEISMAN JR.
TELEPHONE NO.	214-6924383
REMARKS	

AIR EMISSION CALCULATIONS

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL
ENSERCH EX	BRAZOS	455	OCS G 7220		

Year	Emitted Substance				
	TSP	SOx	NOx	HC	CO
1995	1.27	7.72	57.21	1.74	12.48
1996	15.01	91.32	678.73	22.35	159.27
1997	0.00	0.00	0.00	0.00	0.00
1998	0.00	0.00	0.00	0.00	0.00
1999	0.00	0.00	0.00	0.00	0.00
2000	0.00	0.00	0.00	0.00	0.00
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	532.80	532.80	532.80	532.80	21789.10

AIR EMISSION CALCULATIONS

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	LATITUDE	LONGITUDE	CONTACT	PHONE	REMARKS
ENSERCH EXPLORAT	BRAZOS	455	7220					JAMES J. WEISMAN JR.	214-6924383	

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	2000	144.9	3477.60	24	31	1.06	5.56	48.46	1.45	10.57	0.39	2.44	18.03	0.54	3.93
	PRIME MOVER>600hp diesel	2000	144.9	3477.60	24	31	1.06	6.56	48.46	1.45	10.57	0.39	2.44	18.03	0.54	3.93
	PRIME MOVER>600hp diesel	2000	144.9	3477.60	24	31	1.06	6.56	48.46	1.45	10.57	0.39	2.44	18.03	0.54	3.93
	AUXILIARY EQUIP<600hp diesel	40	1.932	46.37	24	31	0.09	0.08	1.23	0.10	0.27	0.03	0.03	0.46	0.04	0.10
	VESSELS>600hp diesel	2250	134.4	3225.60	6	13	1.19	7.38	54.52	1.64	11.89	0.05	0.29	2.13	0.06	0.46
	VESSELS>600 HP DIESEL	2250	134.4	3225.60	4	5	1.19	7.38	54.52	1.64	11.89	0.01	0.07	0.55	0.02	0.12
PIPELINE INSTALLATION	PIPELINE LAY BARGE diesel	0	0	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	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	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	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 INSTALLATION	DERRICK BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MATERIAL TUG diesel	0	0	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	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	0	0	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	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TURBINE nat gas	0	0	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	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	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	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-			0.0		0				0.00					0.00	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
DRILLING WELL TEST	OIL BURN	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
1995 YEAR TOTAL							5.64	34.54	255.64	7.73	55.77	1.27	7.72	57.21	1.74	12.48
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											666.00	666.00	666.00	666.00	25302.83
	20.0															

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[BRA455.XLT]EMMISONS2

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	LATITUDE	LONGITUDE	CONTACT	PHONE	REMARKS
ENSERCH EXPLORAT	BRAZOS	455	7220					JAMES J. WEISMAN JR.	214-6924383	

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	2200	144.9	3477.60	24	335	1.16	7.22	53.30	1.60	11.63	4.68	29.03	214.28	6.43	46.75
	PRIME MOVER>600hp diesel	2200	144.9	3477.60	24	335	1.16	7.22	53.30	1.60	11.63	4.68	29.03	214.28	6.43	46.75
	PRIME MOVER>600hp diesel	2200	144.9	3477.60	24	335	1.16	7.22	53.30	1.60	11.63	4.68	29.03	214.28	6.43	46.75
	AUXILIARY EQUIP<600hp diesel	40	1.932	46.37	24	335	0.09	0.08	1.23	0.10	0.27	0.35	0.33	4.96	0.40	1.07
	VESSELS>600hp diesel	2250	134.4	3225.60	6	144	1.19	7.38	54.52	1.64	11.89	0.51	3.19	23.55	0.71	5.14
	VESSELS>600hp diesel	2250	134.4	3225.60	4	48	1.19	7.38	54.52	1.64	11.89	0.11	0.71	5.23	0.16	1.14
PIPELINE INSTALLATION	PIPELINE LAY BARGE diesel	0	0	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	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	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	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 INSTALLATION	DERRICK BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MATERIAL TUG diesel	0	0	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	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	0	0	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	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TURBINE nat gas	0	0	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	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	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	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-			0.0		0				0.00					0.00	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
DRILLING	OIL BURN	0			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		625000		24	4		0.36	44.63	37.69	242.81		0.02	2.14	1.81	11.66
1996	YEAR TOTAL						5.96	36.87	314.80	45.85	301.76	15.01	91.32	678.73	22.35	159.27
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											666.00	666.00	666.00	666.00	25302.83
	20.0															

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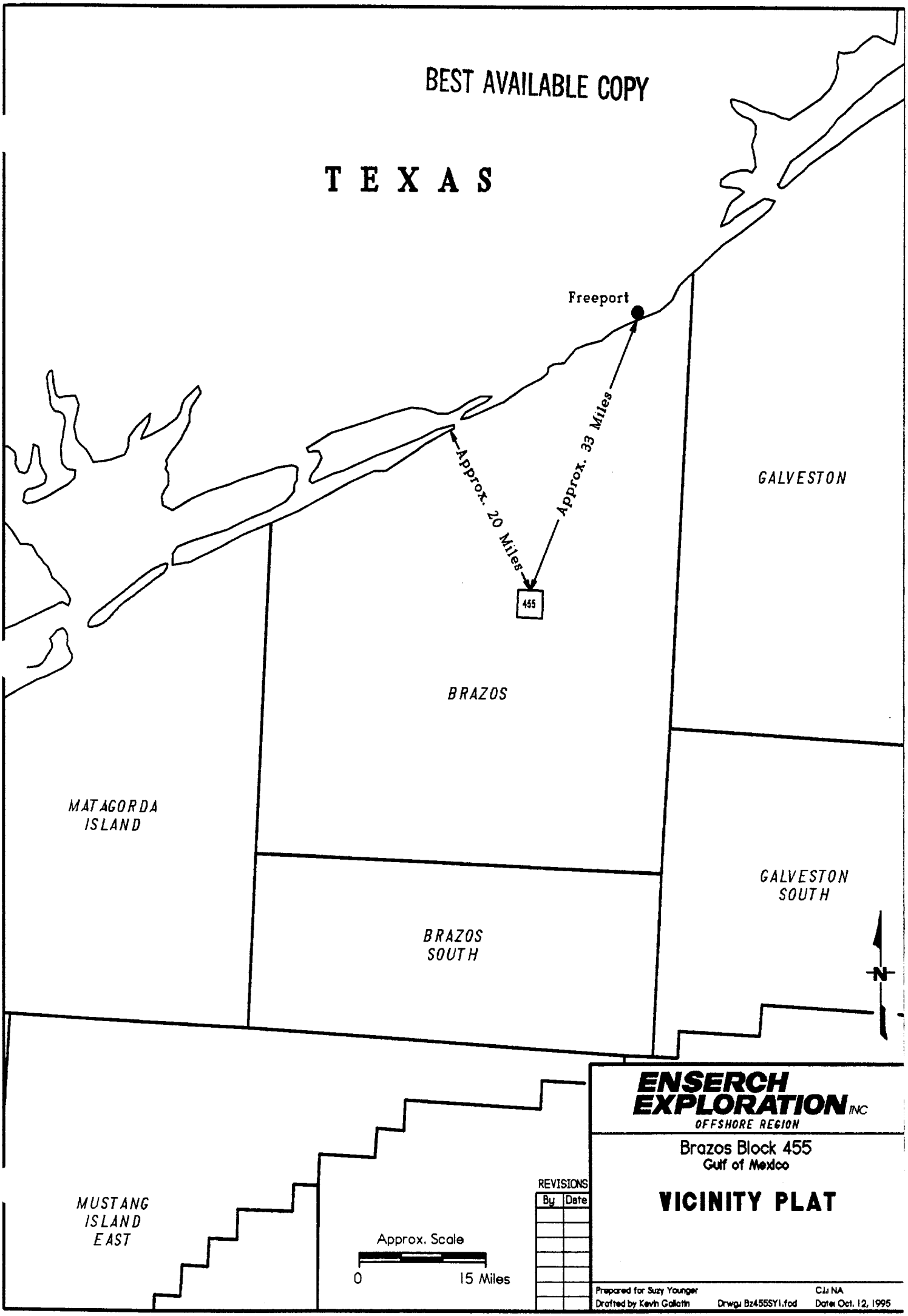

REVISIONS

By	Date

ENSERCH EXPLORATION INC
OFFSHORE REGION

Brazos Block 455
Gulf of Mexico

VICINITY PLAT

Prepared for Suzy Younger
Drafted by Kevin Gallatin
Drwg: Bz455SY1.fcd
C.I.: NA
Date: Oct. 12, 1995