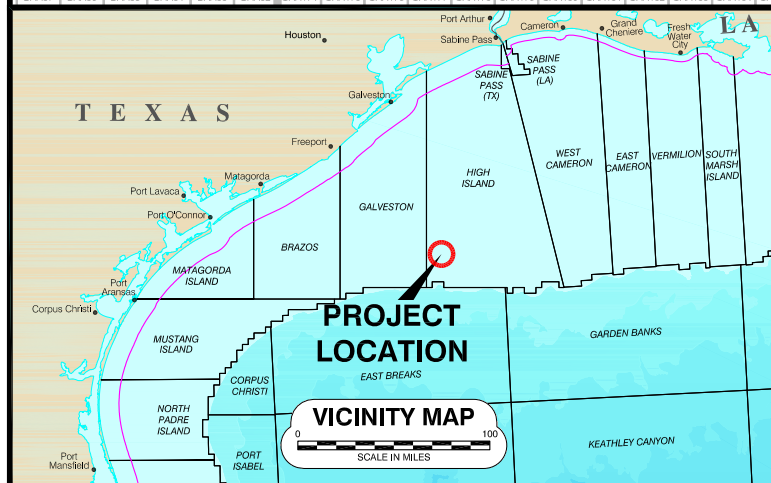
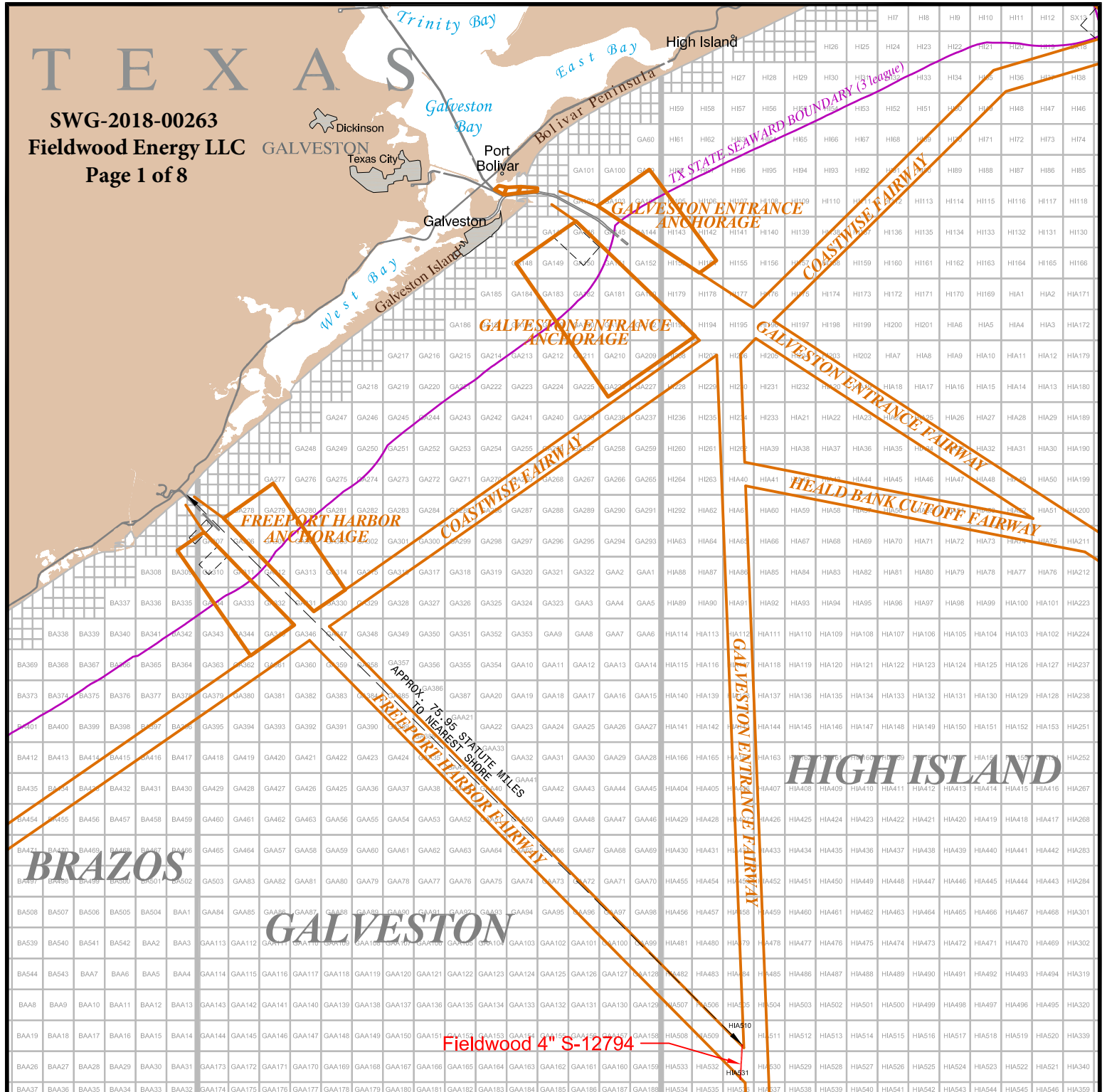


TEXAS

SWG-2018-00263
Fieldwood Energy LLC
Page 1 of 8



FIELDWOOD ENERGY

VICINITY MAP
PROPOSED ABANDONED 4" BULK GAS (SEG #12794)
BLOCK 510 TO 531
HIGH ISLAND AREA
GULF OF MEXICO

Geodetic Datum: NAD27
Projection: TEXAS SOUTH CENTRAL
Grid Units: US SURVEY FEET

SCALE 1:840000
0 70000
FEET



FUGRO USA MARINE, INC.
6100 Hillcroft Ave.
Houston, Texas 77081
(713) 346-3700

Job No.: 18010302 Date: 4/11/2018 Drwn: MM
DWG File: 1801030202_HIA510-531_Vicinity_S12794

Chart: 1 Of: 1
4/12/2018

HIA510

Chieftain International (U.S.) Inc.
OCS-G-17188

SWG-2018-00263
Fieldwood Energy LLC
Page 2 of 8

TIE	COORDINATES	
	X	Y
25	3,469,321'	128,628'
26	3,469,338'	129,046'
27	3,469,365'	129,538'
28	3,469,385'	129,907'
29	3,469,406'	130,326'
30	3,469,440'	130,821'
31	3,469,446'	131,241'
32	3,469,471'	131,654'
33	3,469,504'	132,072'
34	3,469,519'	132,483'
35	3,469,540'	132,901'
36	3,469,564'	133,318'
37	3,469,587'	133,729'
38	3,469,615'	134,142'
39	3,469,624'	134,481'
(40) Block Crossing	3,469,631'	134,640'
41	3,469,642'	134,889'
42	3,469,665'	135,307'
43	3,469,689'	135,725'
44	3,469,712'	136,137'
45	3,469,735'	136,532'
46	3,469,755'	136,965'
(47) Fairway Crossing	3,469,768'	137,220'
48	3,469,774'	137,335'
49	3,469,788'	137,667'
50	3,469,802'	137,858'
Riser @ 'B' Struct.	3,469,797'	137,912'
TOTAL LENGTH: 18,080 FT., 3.42 MI.		

RISER @ 'B' STRUCTURE HIA-510	
X=	3,469,797'
Y=	137,912'
Lat.	28° 08' 01.618"N
Long.	94° 26' 20.744"W

AS-BUILT 2 3/8"
GAS LIFT PIPELINE
SEGMENT NO. 12796
TOTAL LENGTH = 18,080 Ft.

HIA531

Chieftain International (U.S.) Inc.
OCS-G-02696

MATCH
SHEET
LINE
1 OF 2

1,000' 0 1,000' 2,000' 3,000' 4,000'

HORIZONTAL SCALE: 1" = 2,000'

I certify this plot represents the horizontal position of pipeline as identified by a survey performed under my supervision in accordance with generally accepted offshore surveying practices.

Notes:

- Coordinates are referenced to the Texas Coordinate System of 1927, South Central Zone. Units are in U.S. Survey Feet.
- This plot represents a survey of the horizontal position of pipeline as identified during construction.
- Riser positions provided by Cal-Dive International, Inc.
- Depth of cover as reported by divers is 4.5 to 12.5 feet.
- This pipeline is bundled with Segment Nos. 12794 & 12795.

Legend

- Denotes position of anodes on pipeline.
- Denotes other positions on pipeline.
- Denotes proposed pipeline Right-of-Way 200 feet wide.

DAVID K. BURDEAUX, P.L.S.

REGISTRATION NO. 4713 - STATE OF LOUISIANA

CHIEFTAIN INTERNATIONAL, (U.S.) INC.

AS-BUILT 2 3/8"
GAS LIFT PIPELINE

FROM HIGH ISLAND A AREA BLOCK 531 'A' STRUCTURE
TO HIGH ISLAND A AREA BLOCK 510 'B' STRUCTURE

cochrane
TECHNOLOGIES, INC.

(337) 837-3334

LAFAYETTE, LA.

PREPARED FOR:

HORIZON

DRAWING NO.: 5063-2

DRAFTED BY: S.S.A. REV. NO.: 0

CHK. BY: RM DATE: MAY 04, 2001

APP. BY: DWS SHEET: 2 OF 2

HIA531

Chieftain International (U.S.) Inc.
OCS-G-02696SWG-2018-00263
Fieldwood Energy LLC
Page 3 of 8

FAIRWAY

SHEET
MATCH2 OF 2
LINENorthern Natural Gas Co.
12" GAS Seg. #5116

TIE	COORDINATES	
	X	Y
Riser @ 'A' Struct.	3,468,914'	119,884'
1	3,468,894'	119,923'
2	3,468,817'	120,098'
3	3,468,832'	120,355'
4	3,468,898'	120,768'
(5) Fairway Crossing	3,468,903'	120,848'
6	3,468,924'	121,193'
7	3,468,944'	121,800'
8	3,468,970'	122,016'
9	3,468,996'	122,432'
10	3,469,017'	122,850'
11	3,469,035'	123,308'
12	3,469,057'	123,684'
13	3,469,073'	124,092'
14	3,469,103'	124,510'
15	3,469,119'	124,928'
16	3,469,142'	125,384'
17	3,469,168'	125,807'
18	3,469,189'	126,181'
19	3,469,210'	126,552'
20	3,469,233'	126,975'
21	3,469,254'	127,424'
22	3,469,272'	127,837'
(23) PL Crossing	3,469,278'	127,968'
24	3,469,290'	128,208'

FLOW

AS-BUILT 2 3/8"
GAS LIFT PIPELINE
SEGMENT NO. 12796
TOTAL LENGTH = 18,080 Ft.Transcontinental Gas Pipe Line Corp.
16" GAS Seg. #5841
Transcontinental Gas Pipe Line Corp.
16" GAS Seg. #9400Transcontinental Gas Pipe Line Corp.
20" GAS Seg. #5451
Transcontinental Gas Pipe Line Corp.
12" GAS Seg. #5452Newfield Expl. Co.
8" OIL Seg. #5298

RISER @ 'A' STRUCTURE HIA-531	
X=	3,468,914'
Y=	119,884'
Lat.	28° 05' 03.801"N
Long.	94° 28' 38.442"W

FAIRWAY

1,000' 0 1,000' 2,000' 3,000' 4,000'
HORIZONTAL SCALE: 1" = 2,000'

I certify this plot represents the horizontal position of pipeline as identified by a survey performed under my supervision in accordance with generally accepted offshore surveying practices.

Notes:

- Coordinates are referenced to the Texas Coordinate System of 1927, South Central Zone. Units are in U.S. Survey Feet.
- This plot represents a survey of the horizontal position of pipeline as identified during construction.
- Riser positions provided by Cal-Dive International, Inc.
- Depth of cover as reported by divers is 4.5 to 12.5 feet.
- This pipeline is bundled with Segment Nos. 12794 & 12796.

Legend

- Denotes position of endos on pipeline.
- Denotes other positions on pipeline.
- Denotes proposed pipeline Right-of-Way 200 feet wide

DAVID K. BURDEAUX, P.L.S.

REGISTRATION NO. 4713 - STATE OF LOUISIANA

CHIEFTAIN INTERNATIONAL, (U.S.) INC.

AS-BUILT 2 3/8"
GAS LIFT PIPELINEFROM HIGH ISLAND A AREA BLOCK 531 'A' STRUCTURE
TO HIGH ISLAND A AREA BLOCK 510 'B' STRUCTUREcochrane
TECHNOLOGIES, INC.
(337) 837 3334 LAFAYETTE, LA.

PREPARED FOR:

HORIZON

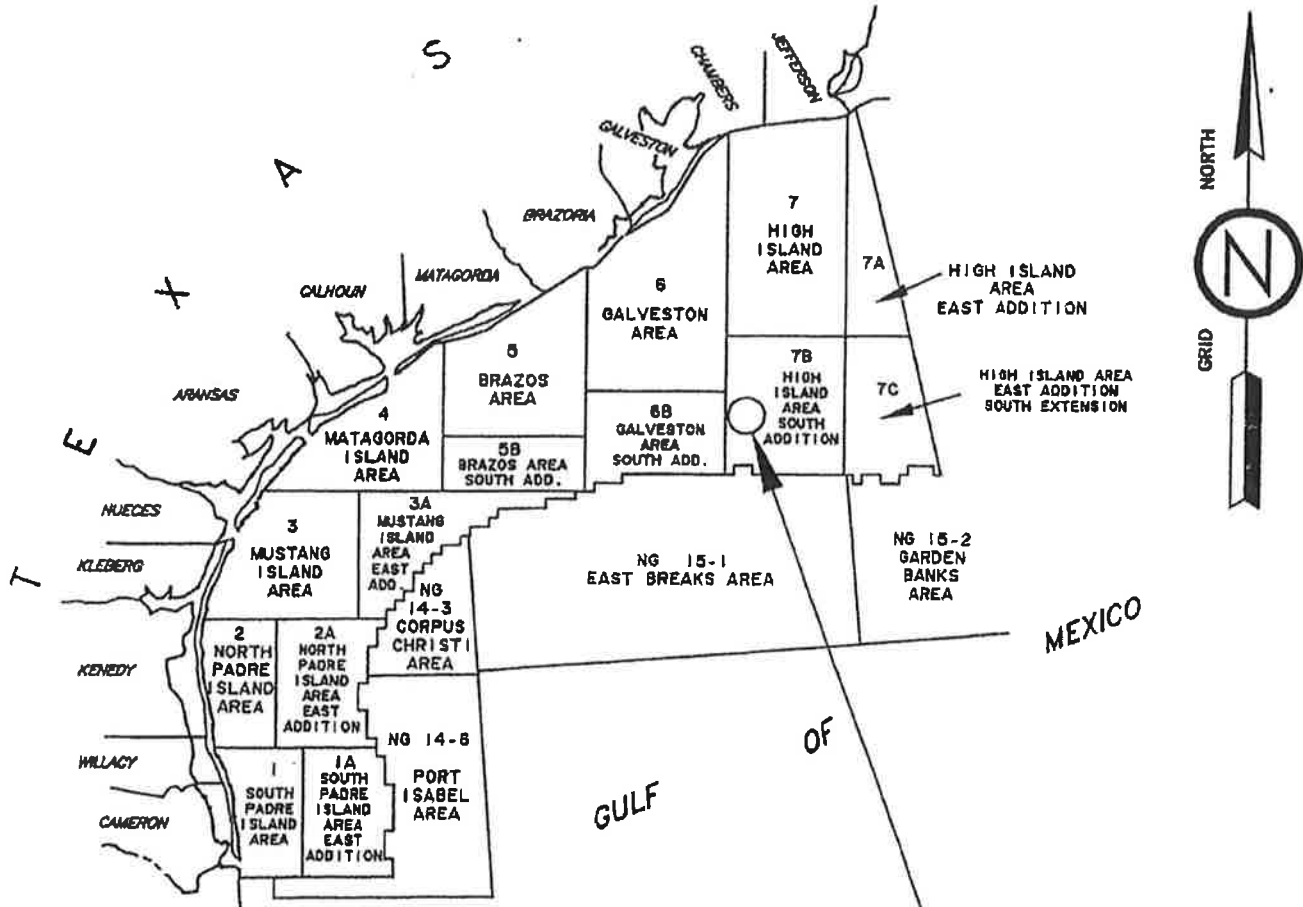
DRAWING NO.: 5063-1

DRAFTED BY: W.S.A. REV. NO.: 0

CHK. BY: RM DATE: MAY 04 2001

APP. BY: DJSB SHEET: 1 OF 2

TEXAS GULF COAST INDEX
M.M.S. O.C.S. LEASING AREAS



VICINITY MAP

SCALE: 1" = 300,000'

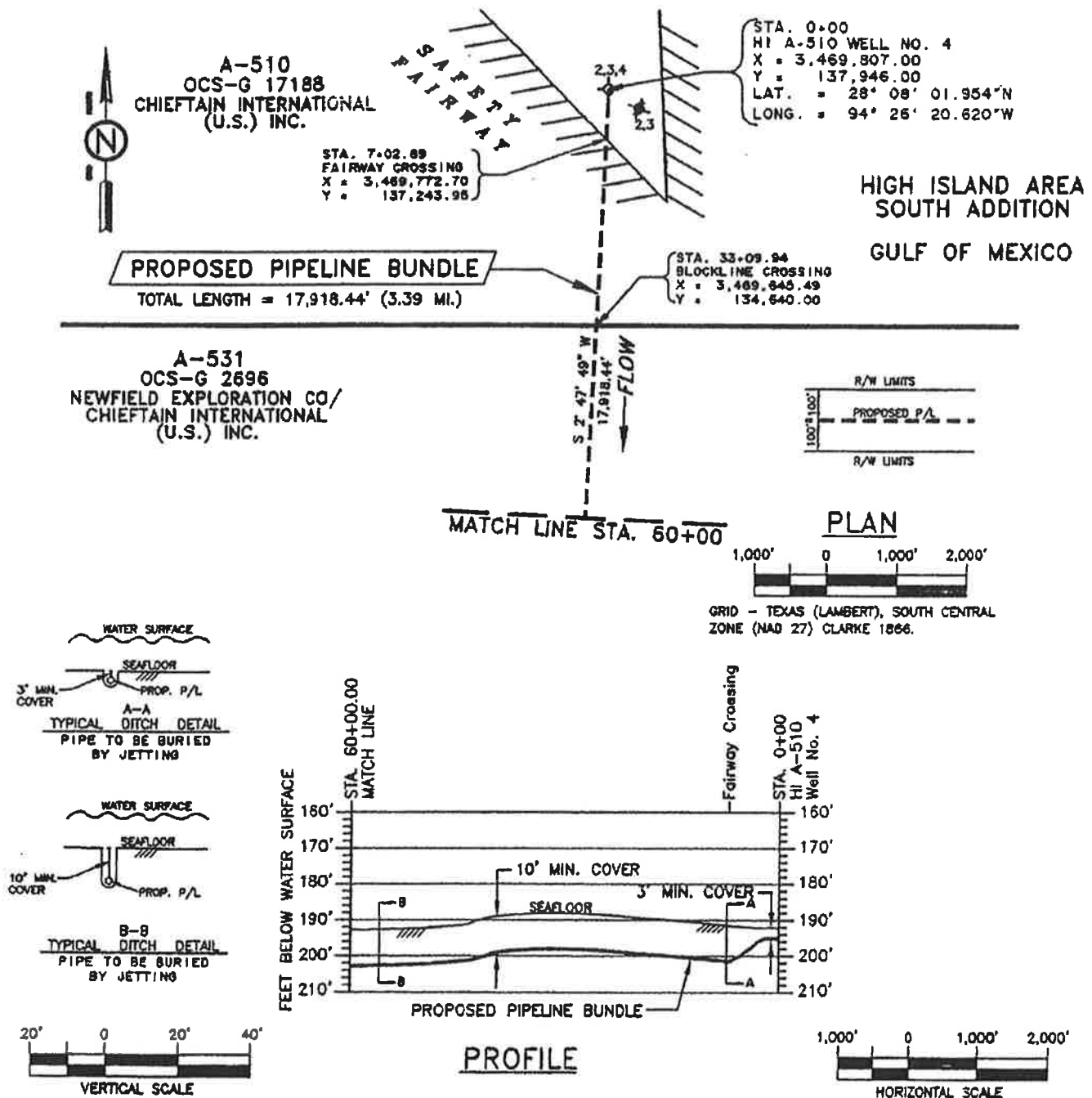
PROPOSED PIPELINE BUNDLE

TOTAL LENGTH = 17,918.44' (3.39 MI.)

PROPOSED 4.5" GAS/COND./WATER,
4.5" OIL/GAS/COND./WATER &
2" GAS LIFT PIPELINE BUNDLE
GULF OF MEXICO
BLOCK A-510 WELL No. 4 to
BLOCK A-531 "A" Platform
HIGH ISLAND AREA SOUTH ADDITION
CHIEFTAIN INTERNATIONAL
(U.S.) INC.

DATE: 9/27/2000

SHEET 1 OF 4



I hereby certify that this plat has been prepared following generally accepted standards for proposed offshore pipelines.

THE DESIGN CHARACTERISTICS OF THIS PIPELINE ARE IN COMPLIANCE WITH APPLICABLE REGULATIONS.

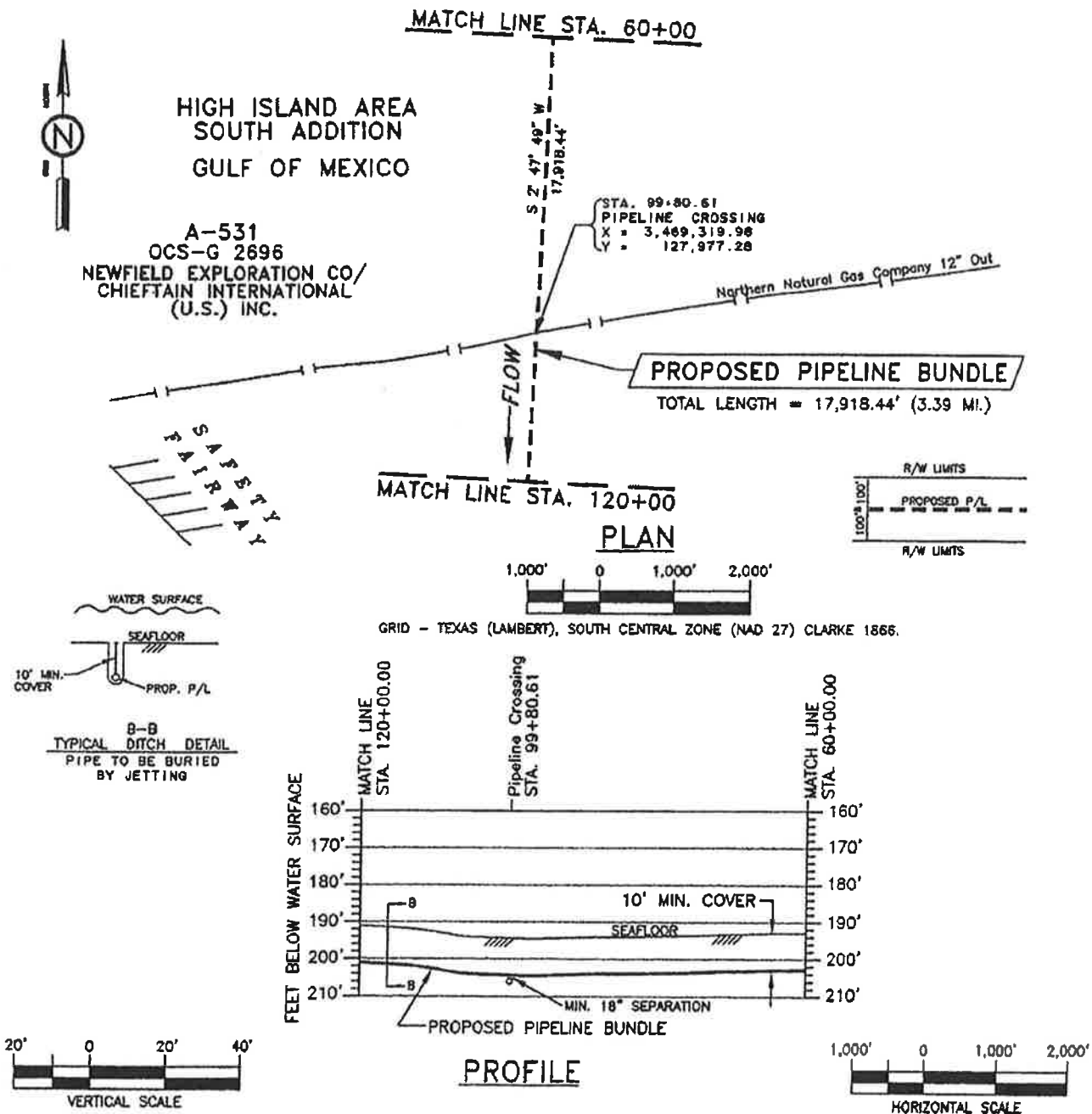
PROPOSED 4.5" GAS/COND./WATER,
4.5" OIL/GAS/COND./WATER &
2" GAS LIFT PIPELINE BUNDLE
GULF OF MEXICO
BLOCK A-510 WELL No. 4 to
BLOCK A-531 "A" Platform
HIGH ISLAND AREA SOUTH ADDITION
CHIEFTAIN INTERNATIONAL
(U.S.) INC.

DATE: 9/27/2000

SHEET 2 OF 4

Keith A. Codd

PREPARED BY KC OFFSHORE, LLC.



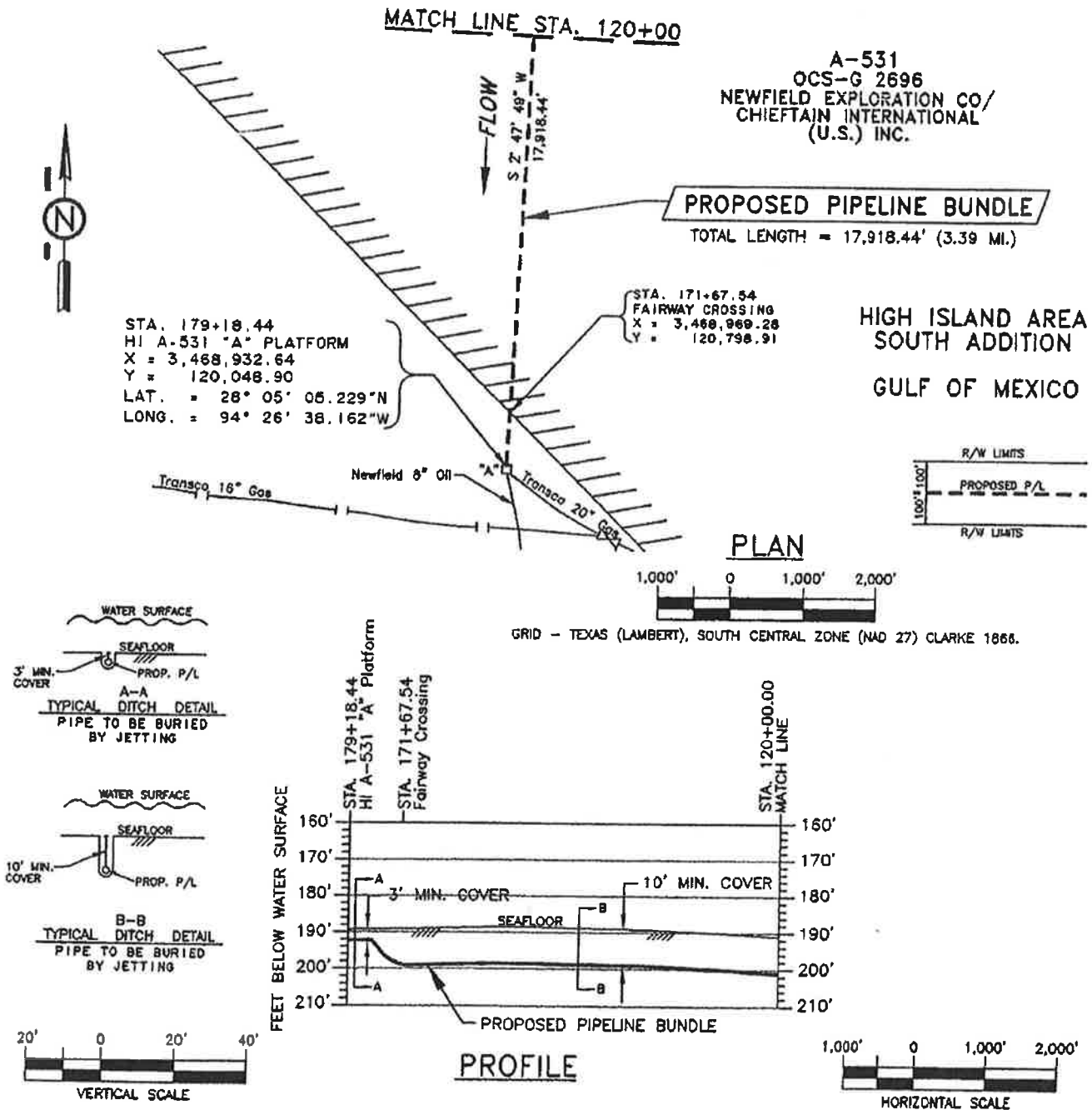
I hereby certify that this plot has been prepared following generally accepted standards for proposed offshore pipelines.

THE DESIGN CHARACTERISTICS OF THIS PIPELINE ARE IN COMPLIANCE WITH APPLICABLE REGULATIONS.

PROPOSED 4.5" GAS/COND./WATER, 4.5" OIL/GAS/COND./WATER & 2" GAS LIFT PIPELINE BUNDLE
GULF OF MEXICO
BLOCK A-510 WELL No. 4 to
BLOCK A-531 "A" Platform
HIGH ISLAND AREA SOUTH ADDITION
CHIEFTAIN INTERNATIONAL
(U.S.) INC.

Keith A. Ladd

PREPARED BY KC OFFSHORE, LLC.



I hereby certify that this plat has been prepared following generally accepted standards for proposed offshore pipelines.

THE DESIGN CHARACTERISTICS OF THIS PIPELINE ARE IN COMPLIANCE WITH APPLICABLE REGULATIONS.

**PROPOSED 4.5" GAS/COND./WATER,
4.5" OIL/GAS/COND./WATER &
2" GAS LIFT PIPELINE BUNDLE**
GULF OF MEXICO
BLOCK A-510 WELL No. 4 to
BLOCK A-531 "A" Platform
HIGH ISLAND AREA SOUTH ADDITION
CHIEFTAIN INTERNATIONAL
(U.S.) INC.

DATE: 9/27/2000

SHEET 4 OF 4

Keith A. Ladd

PREPARED BY KC OFFSHORE, LLC.

