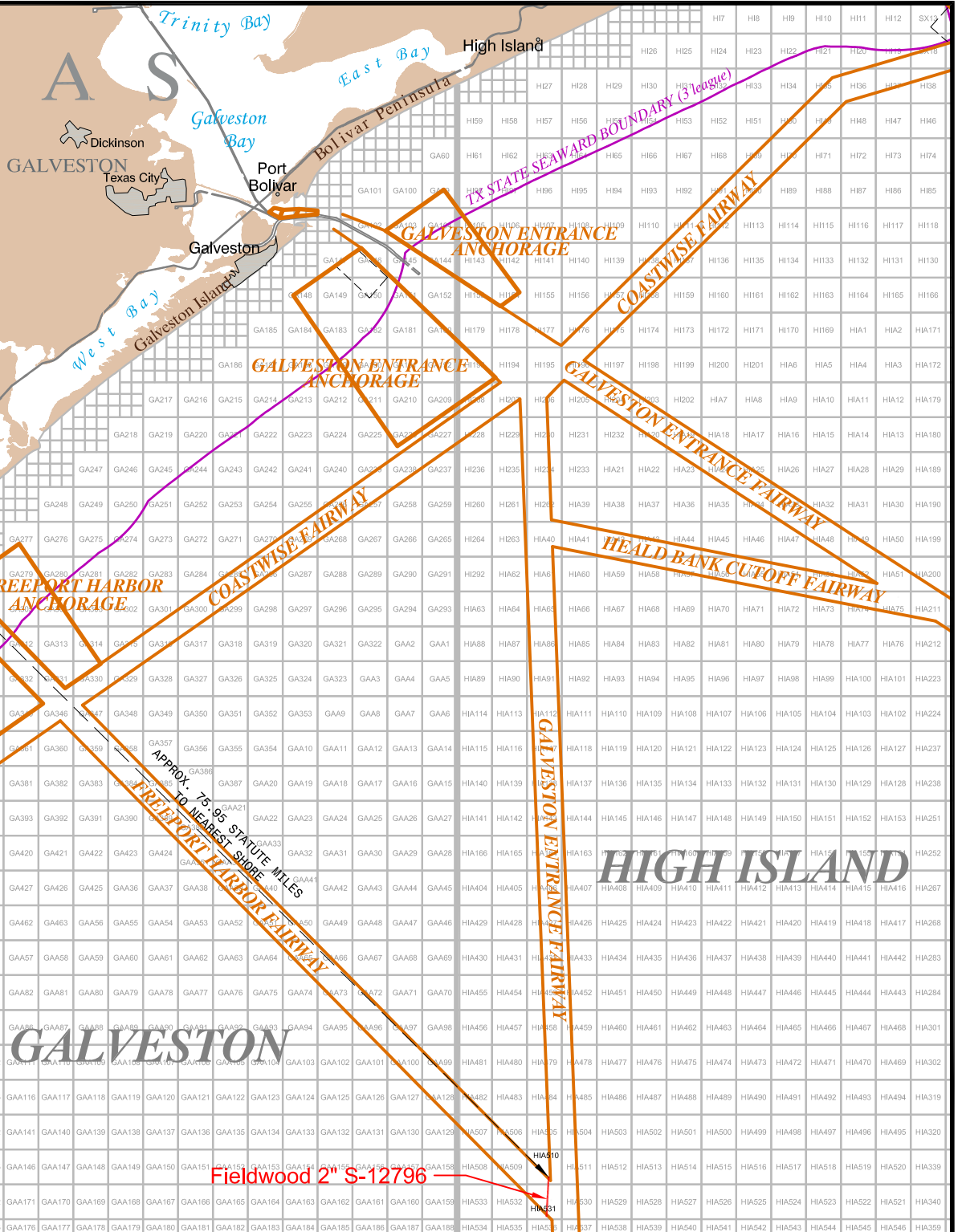


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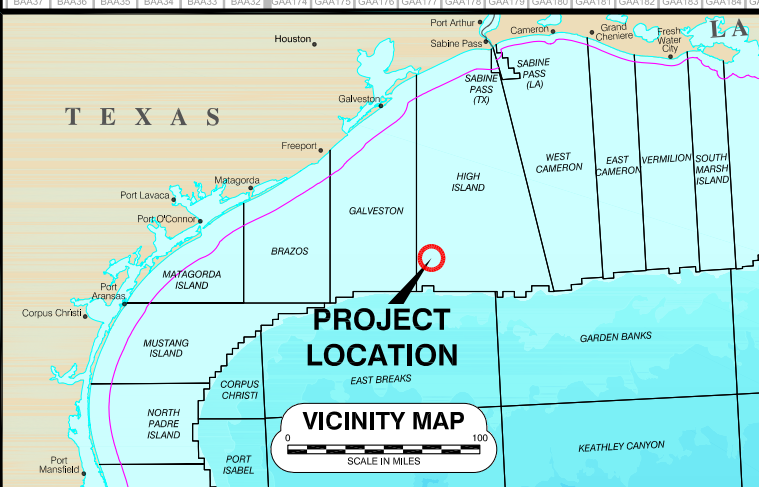
SWG-2018-00264  
 Fieldwood Energy LLC  
 Page 1 of 8




**HIGH ISLAND**



**BRAZOS**

**GALVESTON**





**VICINITY MAP**  
**PROPOSED ABANDONED 2" GAS LIFT (SEG #12796)**  
 BLOCK 531 TO 510  
 HIGH ISLAND AREA  
 GULF OF MEXICO

Geodetic Datum: NAD27		 FUGRO USA MARINE, INC. 6100 Hillcroft Ave. Houston, Texas 77081 (713) 346-3700	
Projection: TEXAS SOUTH CENTRAL			
Grid Units: US SURVEY FEET		SCALE 1:840000 	
Job No.: 18010302	Date: 4/11/2018	Drwn: MM	Chart: Of: 1 1
DWG File: 1801030201_HIA531-510_Vicinity_S12796			

HIA510

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

SWG-2018-00264  
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.		

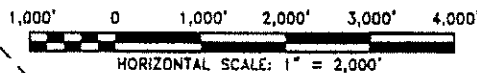
RISER @ 'B' STRUCTURE  
HI A-510  
X= 3,469,797'  
Y= 137,912'  
Lat. 28° 08' 01.618"N  
Long. 94° 26' 20.744"W

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



I certify this plat 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 plat 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	REV. NO.:	0
DRAFTED BY:	J.S.A.	DATE:	MAY 04, 2001
CHK. BY:	RM	APP. BY:	DWS
SHEET:	2 OF 2		

HIA531

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

SWG-2018-00264  
Fieldwood Energy LLC  
Page 3 of 8

FAIRWAY

SHEET MATCH 2 OF 2 LINE

Northern Natural Gas Co. #5116  
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'	121,600'
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'

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

FLOW

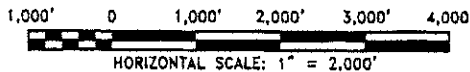
Transcontinental Gas Pipe Line Corp.  
16" GAS Seg. #5841  
Transcontinental Gas Pipe Line Corp.  
16" GAS Seg. #9400

Transcontinental Gas Pipe Line Corp.  
20" GAS Seg. #5452  
Transcontinental Gas Pipe Line Corp.  
12" GAS Seg. #5452

Newfield 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



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 bunched 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*

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

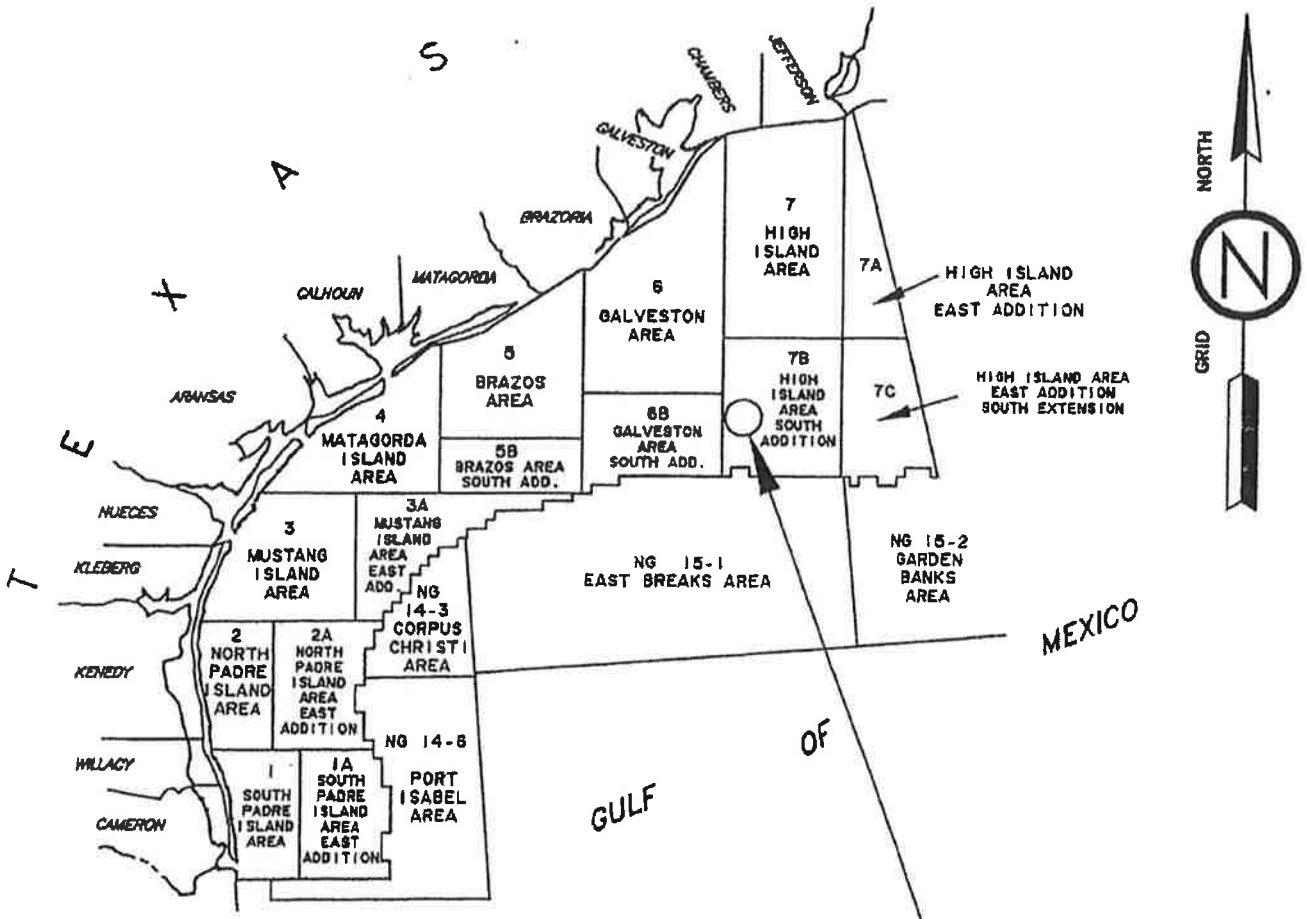
FROM HIGH ISLAND A AREA BLOCK 531 'A' STRUCTURE  
TO HIGH ISLAND A AREA BLOCK 510 'B' STRUCTURE

**cochrane**  
TECHNOLOGIES, INC.  
LAFAYETTE, LA.

PREPARED FOR:  
**HORIZON**

DRAWING NO.: 5063-1	REV. NO.: 0
DRAFTED BY: W.S.A.	DATE: MAY 04 2001
CHEK BY: RM	APP. BY: DJS
SHEET: 1 OF 2	

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

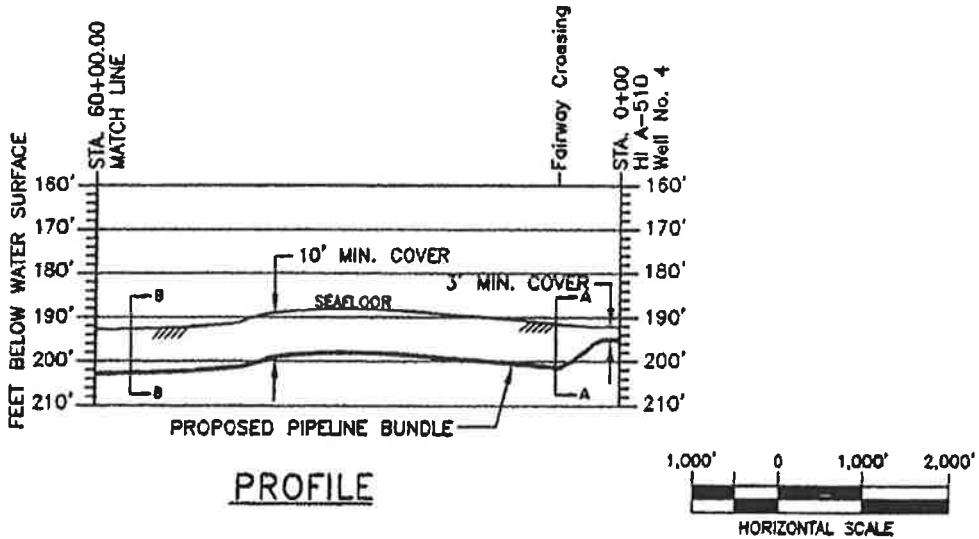
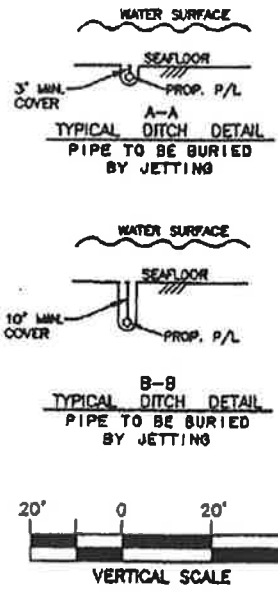
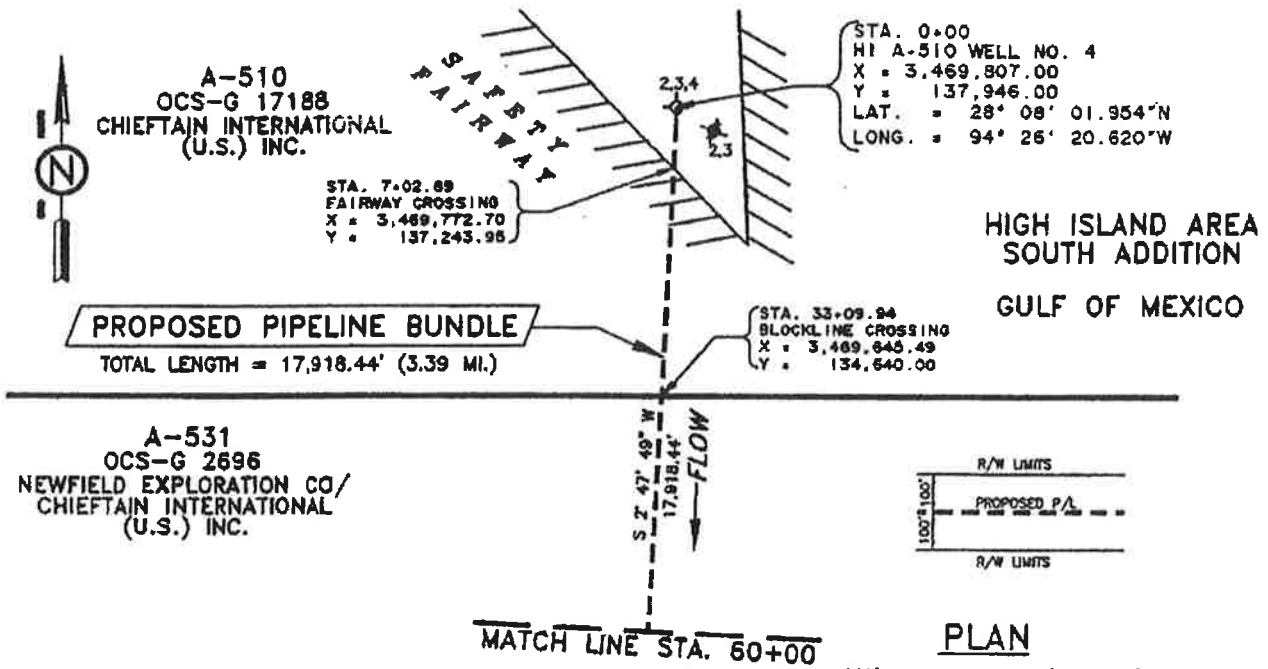


**VICINITY MAP**  
 SCALE: 1" = 300,000'

**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



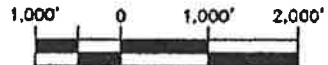
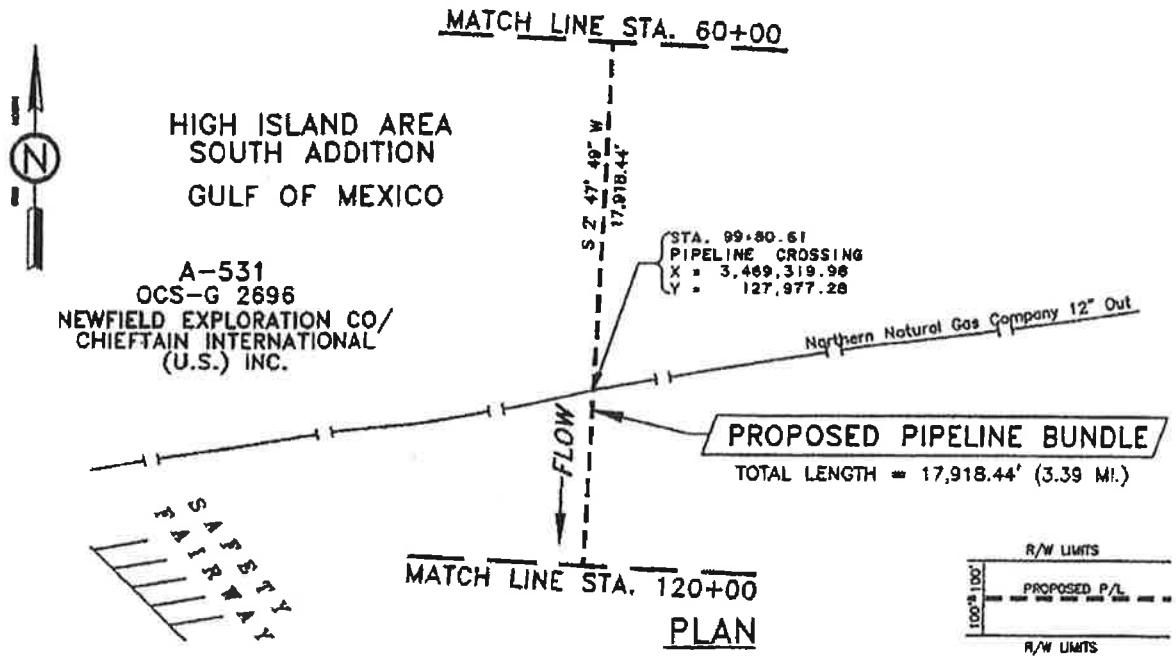
I hereby certify that this plat has been prepared following generally accepted standards for proposed offshore pipelines.

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

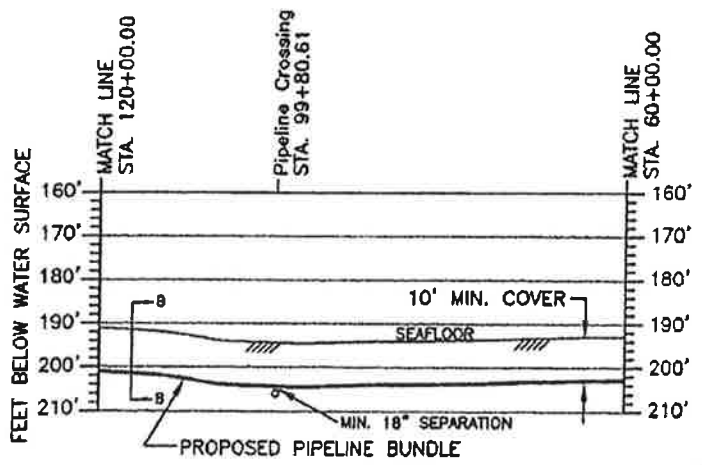
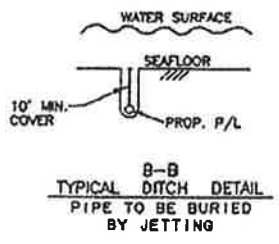
PROPOSED 4.5" GAS/COND./WATER,  
 4.5" OIL/GAS/COND./WATER &  
 2" GAS LIFT PIPELINE BUNDLE  
 GULF OF MEXICO  
 BLOCK A-510 WELL No. 4 to  
 BLOCK A-531 "A" Platform  
 HIGH ISLAND AREA SOUTH ADDITION  
 CHIEFTAIN INTERNATIONAL  
 (U.S.) INC.

*Keith A. Codd*  
 PREPARED BY KC OFFSHORE, L.L.C.

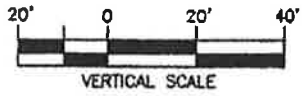
DATE: 9/27/2000  
 SHEET 2 OF 4



GRID - TEXAS (LAMBERT), SOUTH CENTRAL ZONE (NAD 27) CLARKE 1866.



PROFILE



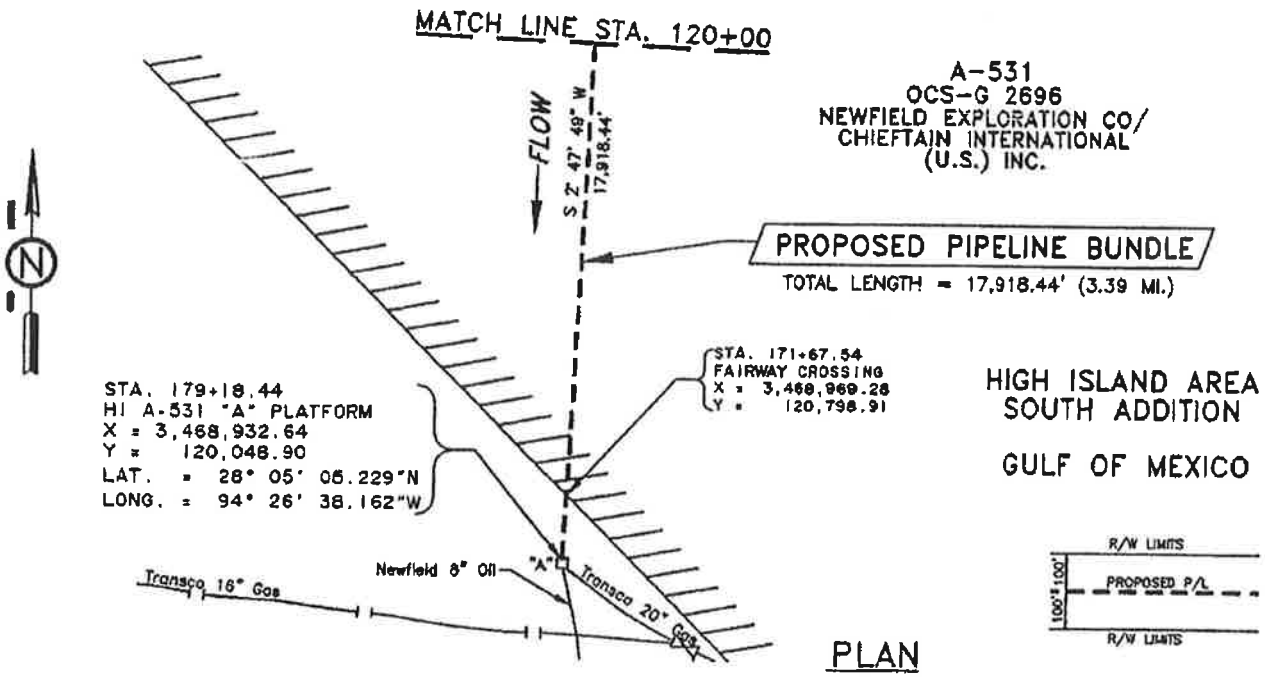
I hereby certify that this plot has been prepared following generally accepted standards for proposed offshore pipelines.

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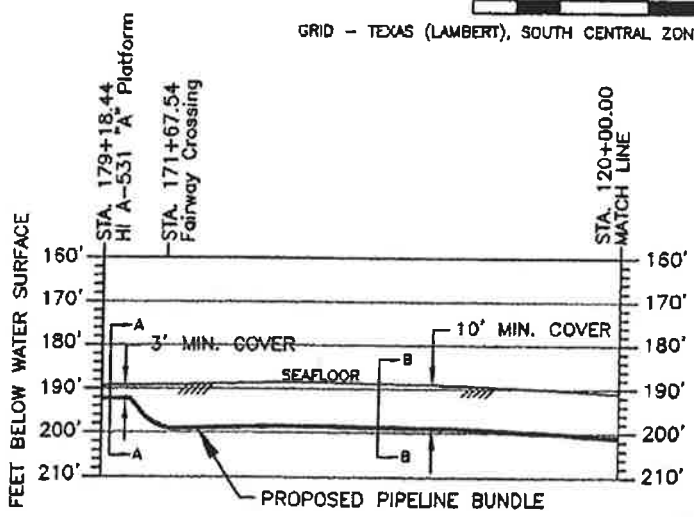
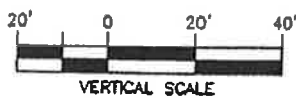
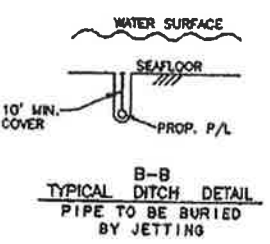
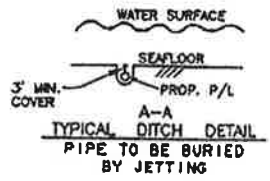
PROPOSED 4.5" GAS/COND./WATER,  
 4.5" OIL/GAS/COND./WATER &  
 2" GAS LIFT PIPELINE BUNDLE  
 GULF OF MEXICO  
 BLOCK A-510 WELL No. 4 to  
 BLOCK A-531 "A" Platform  
 HIGH ISLAND AREA SOUTH ADDITION  
 CHIEFTAIN INTERNATIONAL  
 (U.S.) INC.

*Keith A. Lodd*

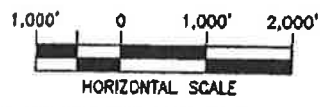
DATE: 9/27/2000  
 SHEET 3 OF 4



GRID - TEXAS (LAMBERT), SOUTH CENTRAL ZONE (NAD 27) CLARKE 1866.



PROFILE



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, L.L.C.

