



DEPARTMENT OF THE ARMY  
MOBILE DISTRICT, CORPS OF ENGINEERS  
P.O. BOX 2288  
MOBILE, ALABAMA 36628-0001

REPLY TO  
ATTENTION OF:

MAR 21 2008

CESAM-RD-C  
PUBLIC NOTICE NO. SAM-2008-380-MBM

**JOINT PUBLIC NOTICE  
U.S. ARMY CORPS OF ENGINEERS AND  
ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

**PROPOSED INSTALLATION OF TWO FLOWLINES AND A POWER CABLE LINE  
BETWEEN EXISTING WELL STRUCTURE AND PLATFORM IN MOBILE BAY, ALABAMA**

TO ALL CONCERNED: The U.S. Army Corps of Engineers, Mobile District (Corps), has received an application for a Department of the Army Permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 USC 403) and 404 of the Clean Water Act (33 USC 1344). This public notice is being distributed to all known interested persons to assist in developing facts on which a decision by the Corps can be based. Please communicate this information to interested parties.

**APPLICANT: Devon Energy Production Co., L.P.**  
C/o William E. Workman and Associates  
Attention: Mr. Bill Workman  
Post Office Box 745  
Lillian, Alabama 36549

**LOCATION: Placement of two bundled natural gas pipelines approximately 5 nautical miles south of Fort Gaines in Gulf of Mexico between existing Devon OCS 826 Well Number 1 (30°09'41.095"N, 88°00'04.255"W) to the existing Shell Platform 113 "A" (30°10'43.789"N, 88°04'37.994"W). Approximately 4.51 miles of the 5.02 mile pipeline will be located in State of Alabama Waters.**

**WORK: The applicant proposes to install two bundled natural gas pipelines between the Devon OCS 826 Well Number 1 to the existing Shell Platform 113 "A", a distance of approximately 5.02 miles. The purpose of this project is to allow the transport of produced natural gas from the Devon Well to the existing Yellowhammer onshore treating facility via the Shell Platform. The bundled pipelines will consist of an 8-inch and a 2-inch natural gas pipeline. The pipelines will be fabricated on a pipe lay barge, lowered to the bay floor, and buried using hydraulic jetting in a 3-foot wide trench, to a minimum depth of 4 feet in Alabama Waters outside the Mobile Safety Fairway, 10 feet within the area of the Mobile Safety Fairway, and 3 feet in U.S. Federal Waters. Horizontal directional drilling techniques will be used to install the lines a minimum of 35 feet below the seafloor of the Mobile Bay Entrance Channel. Approximately 87,000 cubic yards of Gulf bottom sediments would be temporarily re-suspended during installation of the pipeline bundle. Following installation, the lines will be hydrostatically tested using Gulf water. Discharge of Gulf water will be in compliance with the required NPDES permit.**

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The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposal on the public interest. That decision will reflect the national concern for both protection and use of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors and their cumulative effects relevant to the proposal will be considered, including conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, property ownership, and in general the needs and welfare of the people.

To evaluate the impacts of this proposal the Corps is soliciting comments from the public; Federal, State and local agencies and officials; Indian Tribes; and other interested parties. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition. Comments will be considered to determine whether to issue, modify, condition or deny a permit. To make this decision, an Environmental Assessment is prepared in accord with the National Environmental Policy Act; impacts are assessed on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are also used to determine the need for a public hearing and to determine the overall public interest. Anyone may request a public hearing to consider this proposal. Requests should provide in writing, within the specified comment period, detailed reasons for a hearing.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. This project footprint will temporarily disturb an area **3 feet wide by 5.02 miles long (1.825 acres)** during construction of Essential Fish Habitat for managed species in the Gulf of Mexico. Loss of this nursery habitat may adversely affect species of the snapper-grouper, shrimp, and/or coastal migratory pelagic management complexes, but the District Commander has made a preliminary determination that this site-specific adverse effect will not be substantial. Our final determination relative to project impacts to EFH and the need for mitigation measures are subject to review by and coordination with the National Marine Fisheries Service and the Gulf of Mexico Fishery Management Council.

This notice is being sent to appropriate State and Federal agencies, including the State Historic Preservation Officer (SHPO) and the U.S. Department of the Interior, National Park Service, Division of Archeological Services. No properties listed in or eligible for the National Register of Historic Places is known to exist which would be affected by the proposal. Comments are requested regarding the potential or existence of cultural resources which may be affected. The U.S. Department of the Interior List of Endangered and Threatened Wildlife and Plants indicates that the proposal will not affect listed species, or their critical habitat. Other impacts from dredge and fill activities will be evaluated by applying Environmental Protection Agency guidelines. The National Marine Fisheries Service requires the evaluation of impacts to Essential Fish Habitat of estuarine species. After review of public comments, the Alabama Department of Environmental Management will determine if the proposal complies with and will be operated or maintained in a manner consistent with the Clean Water Act and the Coastal Zone Management Program.

Comments concerning this Public Notice should be received within 30 days of the date of this public notice and should refer to number **SAM-2008-380-MBM** and direct your correspondence

**PUBLIC NOTICE NO. SAM-2008-380-MBM**

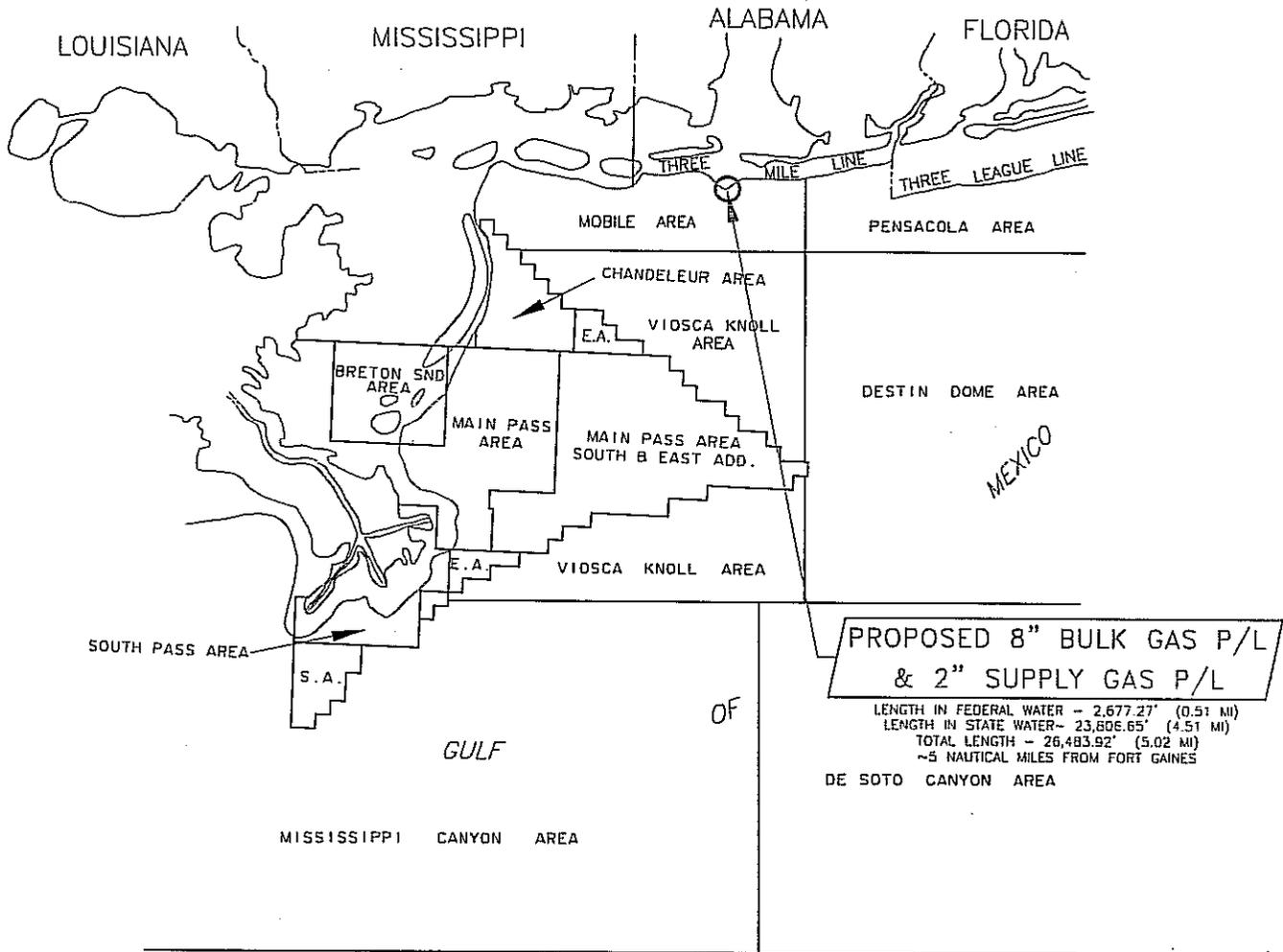
to the District Commander, U.S. Army Engineer District, Mobile, Post Office Box 2288, Mobile, Alabama 36628-0001, Attention: Regulatory Division; and a copy to the Alabama Department of Environmental Management, Coastal Facility Section, 4171 Commanders Drive, Mobile, Alabama 36615.

If you have any questions concerning this publication, please contact Mr. Michael Moxey, Project Manager, via e-mail at [michael.b.moxey@sam.usace.army.mil](mailto:michael.b.moxey@sam.usace.army.mil) or telephone number (251) 690-2658.

MOBILE DISTRICT  
U.S. Army Corps of Engineers

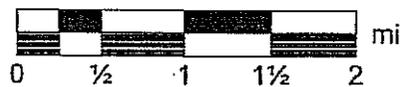
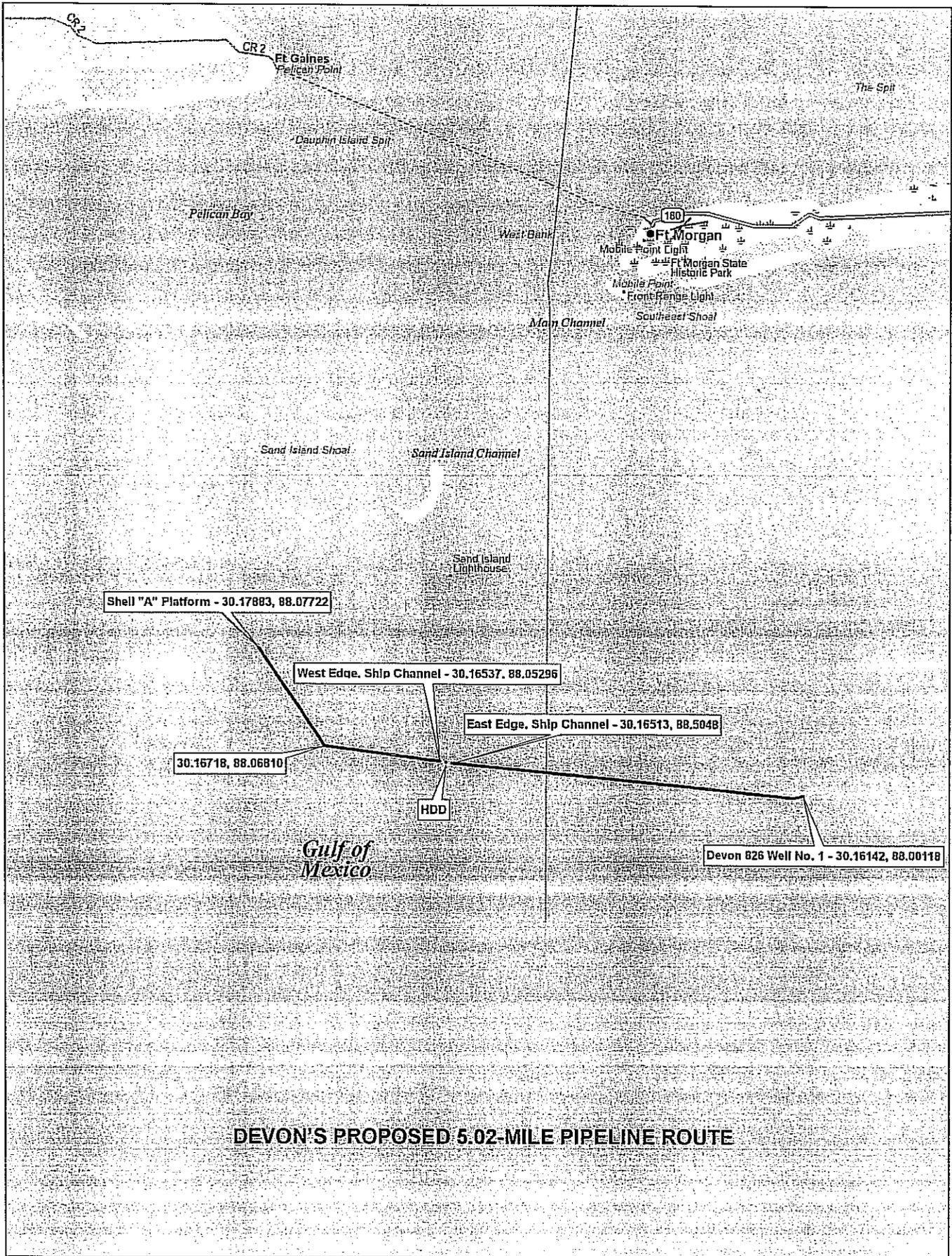
Enclosures

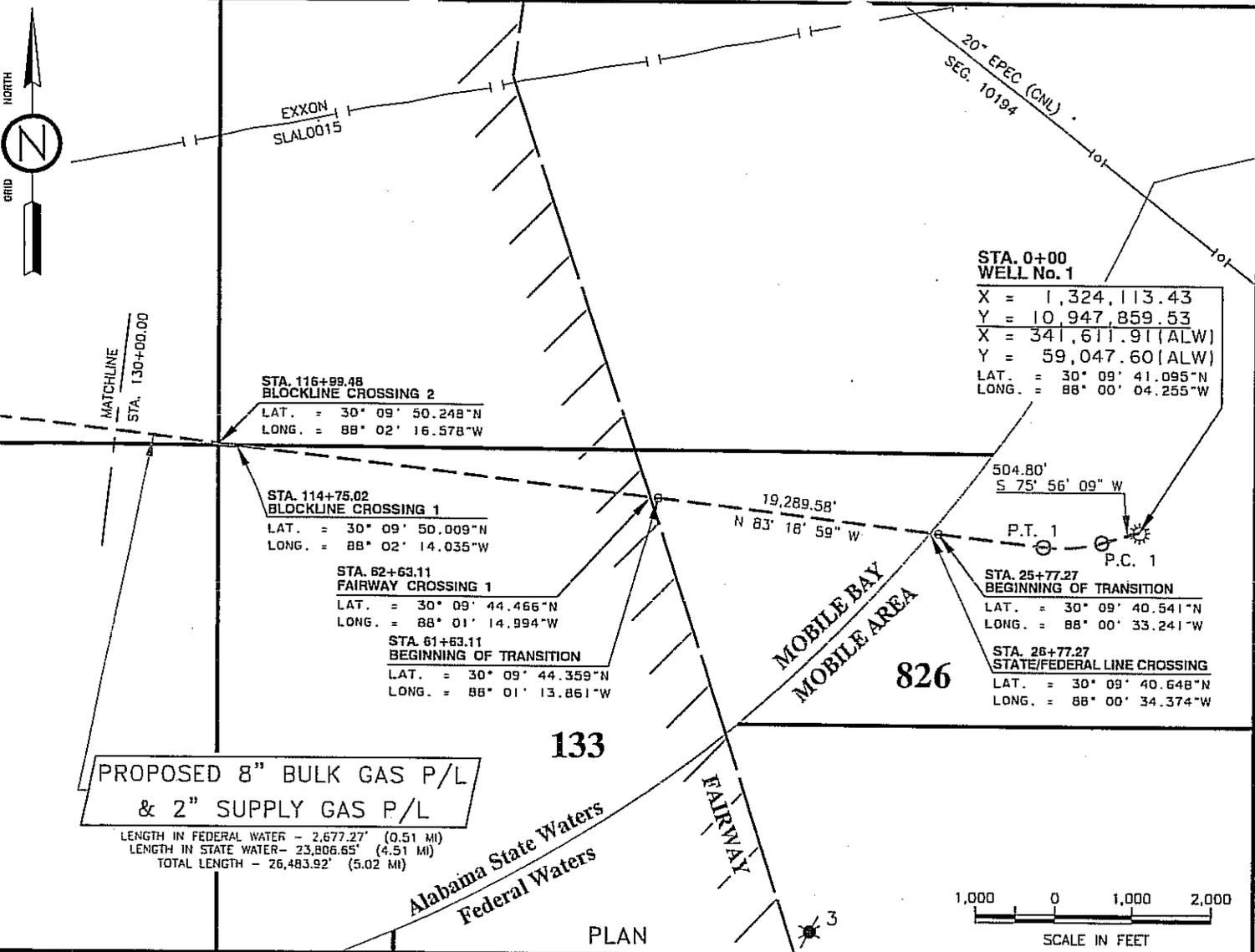
VICINITY MAP



**PROPOSED 8" BULK GAS P/L  
& 2" SUPPLY GAS P/L**  
 LENGTH IN FEDERAL WATER - 2,677.27' (0.51 MI)  
 LENGTH IN STATE WATER - 23,806.65' (4.51 MI)  
 TOTAL LENGTH - 26,483.92' (5.02 MI)  
 ~5 NAUTICAL MILES FROM FORT GAINES  
 DE SOTO CANYON AREA

<b>devon</b>			
PROPOSED 8" BULK GAS & 2" SUPPLY GAS PIPELINE BLOCK 826 WELL No. 1 MOBILE AREA (OCS) TO AL BLOCK 113 PLATFORM 'A' GULF OF MEXICO			
DATUM: NAD 27		PROJECTION: U.T.M.	
SPHEROID: CLARKE 1866		ZONE: 16	
		<b>TESLA OFFSHORE, LLC</b> 38499 Perkins Road Prairieville, Louisiana 70769 Tel: 225-673-2163 Fax: 225-744-3116	
DRAWN BY: RJN	DATE: 09/27/2007	JOB No.: 07-297	DRAWING No.: 07-297-PERM-AL
REV. No.: 2	REV. DATE: 2/19/08	SCALE: N.T.S.	SHEET <span style="border: 1px solid black; padding: 2px;">  </span>





<b>STA. 0+00 WELL No. 1</b>	
X =	1,324,113.43
Y =	10,947,859.53
X =	341,611.91 (ALW)
Y =	59,047.60 (ALW)
LAT. =	30° 09' 41.095" N
LONG. =	88° 00' 04.255" W

**STA. 116+99.48 BLOCKLINE CROSSING 2**  
 LAT. = 30° 09' 50.248" N  
 LONG. = 88° 02' 16.578" W

**STA. 114+75.02 BLOCKLINE CROSSING 1**  
 LAT. = 30° 09' 50.009" N  
 LONG. = 88° 02' 14.035" W

**STA. 62+63.11 FAIRWAY CROSSING 1**  
 LAT. = 30° 09' 44.466" N  
 LONG. = 88° 01' 14.994" W

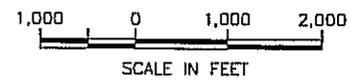
**STA. 61+63.11 BEGINNING OF TRANSITION**  
 LAT. = 30° 09' 44.359" N  
 LONG. = 88° 01' 13.861" W

**STA. 25+77.27 BEGINNING OF TRANSITION**  
 LAT. = 30° 09' 40.541" N  
 LONG. = 88° 00' 33.241" W

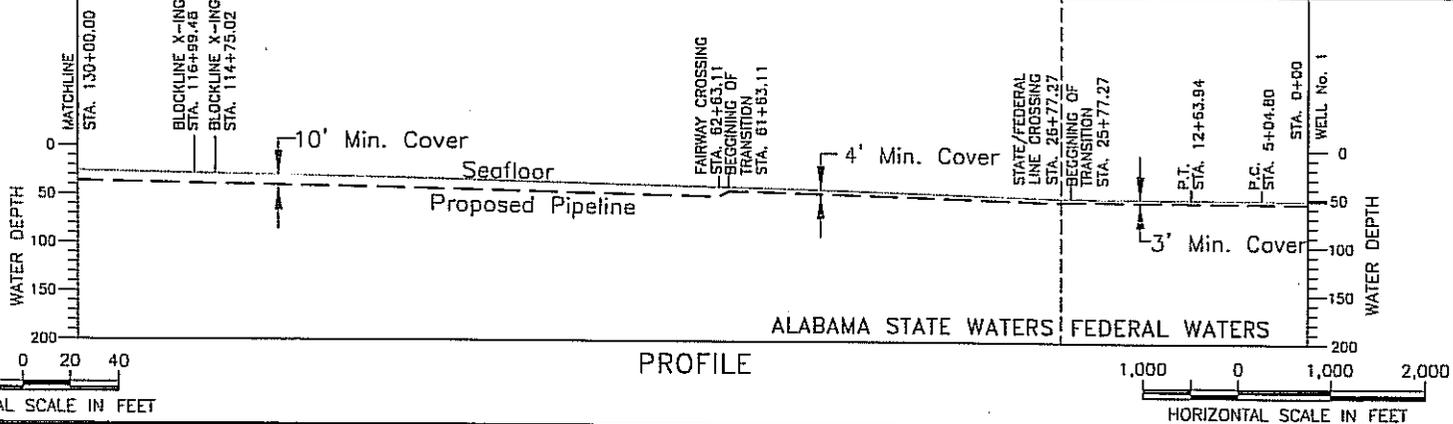
**STA. 26+77.27 STATE/FEDERAL LINE CROSSING**  
 LAT. = 30° 09' 40.648" N  
 LONG. = 88° 00' 34.374" W

**PROPOSED 8" BULK GAS P/L & 2" SUPPLY GAS P/L**

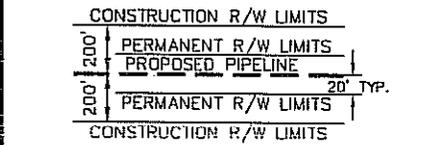
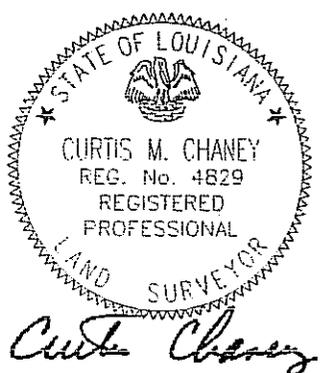
LENGTH IN FEDERAL WATER - 2,677.27' (0.51 MI)  
 LENGTH IN STATE WATER - 23,806.65' (4.51 MI)  
 TOTAL LENGTH - 26,483.92' (5.02 MI)



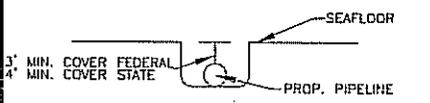
PLAN



PROFILE



RIGHT-OF-WAY LIMITS (STATE WATERS)  
 NOT TO SCALE



NOTE: 10' MIN. COVER IN FAIRWAY

**PROPOSED 8" BULK GAS & 2" SUPPLY GAS PIPELINE**  
 BLOCK 826 WELL No. 1 MOBILE AREA (OC5)  
 TO AL BLOCK 113 PLATFORM 'A'

GULF OF MEXICO

DATUM: NAD 27	PROJECTION: U.T.M.
SPHEROID: CLARKE 1866	ZONE: 16

**TESLA OFFSHORE, LLC**  
 36499 Perkins Road Prairieville, Louisiana 70709  
 Tel: 225-673-2163 Fax: 225-744-3116

DRAWN BY: RJN	DATE: 09/27/2007	JOB No.: 07-297	DRAWING No.: 07-297-PERM-AL
REV. No.: 2	REV. DATE: 2/19/08	SCALE: AS NOTED	SHEET



STA. 264+83.92  
 'A' PLATFORM  
 X = 1,300,149.00  
 Y = 10,954,410.10  
 X = 317,613.15 (ALW)  
 Y = 65,494.55 (ALW)  
 LAT. = 30° 10' 43.789"N  
 LONG. = 88° 04' 37.994"W

113

**PROPOSED 8" BULK GAS P/L  
 & 2" SUPPLY GAS P/L**

LENGTH IN FEDERAL WATER - 2,677.27' (0.51 MI)  
 LENGTH IN STATE WATER - 23,806.65' (4.51 MI)  
 TOTAL LENGTH - 26,483.92' (5.02 MI)

STA. 226+08.57  
 PIPELINE CROSSING 1  
 LAT. = 30° 10' 10.919"N  
 LONG. = 88° 04' 15.210"W

STA. 213+17.83  
 END OF TRANSITION  
 LAT. = 30° 10' 01.858"N  
 LONG. = 88° 04' 05.154"W

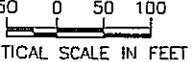
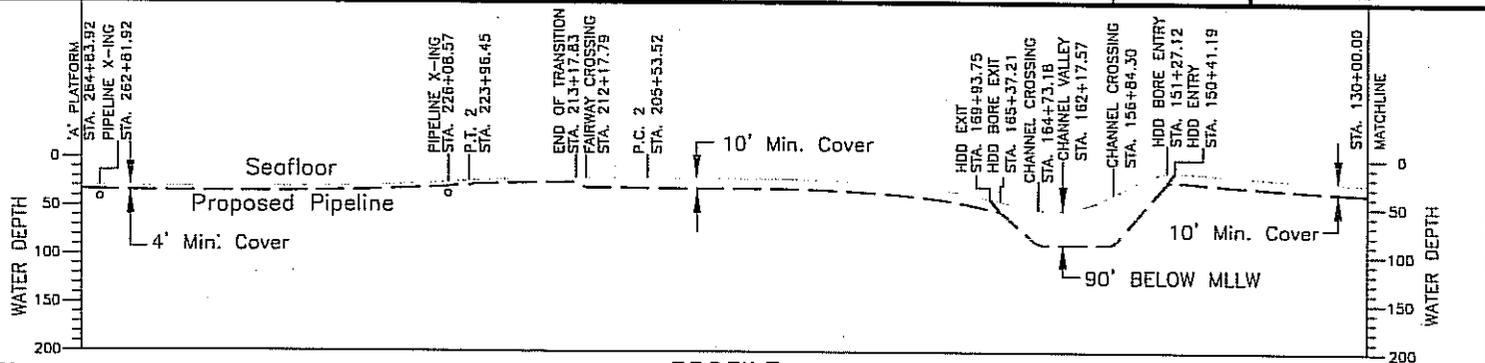
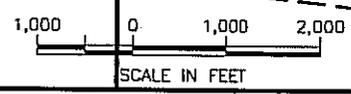
STA. 212+17.79  
 FAIRWAY CROSSING  
 LAT. = 30° 10' 01.415"N  
 LONG. = 88° 04' 04.135"W

STA. 164+73.18  
 CHANNEL CROSSING  
 LAT. = 30° 09' 55.318"N  
 LONG. = 88° 03' 10.656"W

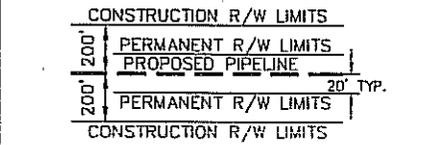
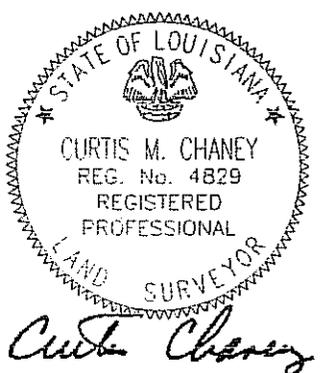
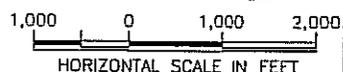
STA. 156+84.30  
 CHANNEL CROSSING  
 LAT. = 30° 09' 54.481"N  
 LONG. = 88° 03' 01.719"W

STA. 169+93.75  
 HDD EXIT  
 LAT. = 30° 09' 55.870"N  
 LONG. = 88° 03' 16.554"W

STA. 150+41.19  
 HDD ENTRY  
 LAT. = 30° 09' 53.797"N  
 LONG. = 88° 02' 54.434"W



PROFILE



RIGHT-OF-WAY LIMITS (STATE WATERS)  
 NOT TO SCALE



TYPICAL DITCH DETAIL  
 NOT TO SCALE  
 NOTE: 10' MIN. COVER IN FAIRWAY  
 35' MIN. COVER IN SHIPPING CHANNEL

**devon**

PROPOSED 8" BULK GAS & 2" SUPPLY GAS PIPELINE  
 BLOCK 826 WELL No. 1 MOBILE AREA (OCS)  
 TO AL BLOCK 113 PLATFORM 'A'  
 GULF OF MEXICO

DATUM: NAD 27	PROJECTION: U.T.M.
SPHEROID: CLARKE 1866	ZONE: 16

**TESLA OFFSHORE, LLC**  
 36499 Perkins Road Prairieville, Louisiana 70769  
 Tel: 225-673-2163 Fax: 225-744-3118

DRAWN BY: RJN	DATE: 09/27/2007	JOB No.: D7-297	DRAWING No.: 07-297-PERM-AL
REV. No.: 2	REV. DATE: 2/19/08	SCALE: AS NOTED	SHEET

<b>WELL No. 1</b>	
BOTTOM OF RISER W.P.	
STA. 0+00	
X =	1,324,113.43
Y =	10,947,859.53
X =	341,611.91 [ALW]
Y =	59,047.60 [ALW]
LAT. =	30° 09' 41.095"N
LONG. =	88° 00' 04.255"W

<b>STATE/FEDERAL X-ING</b>	
BEGINNING OF TRANSITION	
STA. 25+77.27	
X =	1,321,569.00
Y =	10,947,826.05
X =	339,067.02 [ALW]
Y =	59,002.95 [ALW]
STATE/FEDERAL CROSSING	
STA. 26+77.27	
X =	1,321,469.68
Y =	10,947,837.69
X =	338,967.63 [ALW]
Y =	59,014.15 [ALW]

<b>FAIRWAY 1 X-ING</b>	
BEGINNING OF TRANSITION	
STA. 61+63.11	
X =	1,318,007.52
Y =	10,948,243.39
X =	335,502.87 [ALW]
Y =	59,404.76 [ALW]
FAIRWAY CROSSING	
STA. 62+63.11	
X =	1,317,908.20
Y =	10,948,255.03
X =	335,415.97 [ALW]
Y =	59,403.48 [ALW]

<b>FAIRWAY 2 X-ING</b>	
FAIRWAY CROSSING	
STA. 212+17.79	
X =	1,303,079.94
Y =	10,950,102.69
X =	339,067.02 [ALW]
Y =	59,002.95 [ALW]
END OF TRANSITION	
STA. 213+17.83	
X =	1,302,990.94
Y =	10,950,148.33
X =	338,967.63 [ALW]
Y =	59,014.15 [ALW]

<b>CURVE 1 DATA</b>	
P.C. STA. 5+04.80	
X =	1,323,625.98
Y =	10,947,728.33
X =	341,123.91 [ALW]
Y =	58,913.86 [ALW]
LAT. =	30° 09' 39.753"N
LONG. =	88° 00' 09.795"W
P.T. STA. 12+63.94	
X =	1,322,873.41
Y =	10,947,673.19
X =	340,373.55 [ALW]
Y =	58,855.52 [ALW]
LAT. =	30° 09' 39.142"N
LONG. =	88° 00' 18.364"W
P.I.	
X =	1,323,254.99
Y =	10,947,628.48
X =	340,754.28 [ALW]
Y =	58,812.60 [ALW]
LAT. =	30° 09' 38.732"N
LONG. =	88° 00' 14.012"W
R =	2,000.00'
L =	759.14'

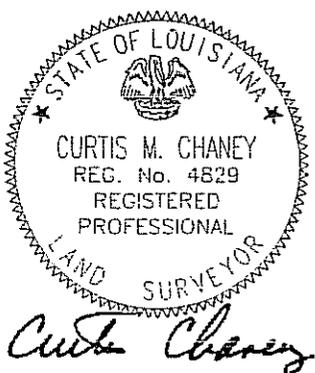
<b>BLOCKLINE CROSSINGS</b>	
BLOCKLINE CROSSING 1	
STA. 114+75.02	
X =	1,312,731.72
Y =	10,948,861.62
X =	339,067.02 [ALW]
Y =	59,002.95 [ALW]
BLOCKLINE CROSSING 2	
STA. 116+99.48	
X =	1,312,508.78
Y =	10,948,887.75
X =	338,967.63 [ALW]
Y =	59,014.15 [ALW]

<b>CHANNEL CROSSING</b>	
GROUND ENTRY	
STA. 150+41.19	
X =	1,309,189.77
Y =	10,949,276.62
X =	326,678.53 [ALW]
Y =	60,399.56 [ALW]
CHANNEL CROSSING	
STA. 156+84.30	
X =	1,308,551.03
Y =	10,949,351.47
X =	326,039.31 [ALW]
Y =	60,471.62 [ALW]
CHANNEL CROSSING	
STA. 164+73.18	
X =	1,307,767.53
Y =	10,949,443.34
X =	325,255.22 [ALW]
Y =	60,560.08 [ALW]
GROUND EXIT	
STA. 169+93.75	
X =	1,307,250.48
Y =	10,949,503.87
X =	324,737.79 [ALW]
Y =	60,618.35 [ALW]

<b>CURVE 2 DATA</b>	
P.C. STA. 205+53.52	
X =	1,303,714.92
Y =	10,949,918.23
X =	321,185.93 [ALW]
Y =	61,019.10 [ALW]
LAT. =	30° 09' 59.647"N
LONG. =	88° 03' 56.881"W
P.T. STA. 223+96.45	
X =	1,302,224.79
Y =	10,950,888.95
X =	319,670.11 [ALW]
Y =	61,985.77 [ALW]
LAT. =	30° 10' 09.120"N
LONG. =	88° 04' 13.963"W
P.I.	
X =	1,302,728.94
Y =	10,950,033.77
X =	320,184.91 [ALW]
Y =	61,121.23 [ALW]
LAT. =	30° 10' 00.700"N
LONG. =	88° 04' 08.127"W
R =	2,000.00'
L =	1,842.93'

<b>PIPELINE CROSSINGS</b>	
PIPELINE CROSSING 1	
STA. 226+08.57	
X =	1,302,117.07
Y =	10,951,071.69
X =	319,596.32 [ALW]
Y =	62,164.01 [ALW]
PIPELINE CROSSING 2	
STA. 262+81.92	
X =	1,300,251.58
Y =	10,954,236.09
X =	317,716.51 [ALW]
Y =	65,320.96 [ALW]

<b>'A' PLATFORM</b>	
BOTTOM OF RISER W.P.	
STA. 264+83.92	
X =	1,300,149.00
Y =	10,954,410.10
X =	317,613.15 [ALW]
Y =	65,494.55 [ALW]
LAT. =	30° 10' 43.789"N
LONG. =	88° 04' 37.994"W





PROPOSED 8" BULK GAS & 2" SUPPLY GAS PIPELINE  
BLOCK 826 WELL No. 1 MOBILE AREA (OCS)  
TO AL BLOCK 113 PLATFORM 'A'

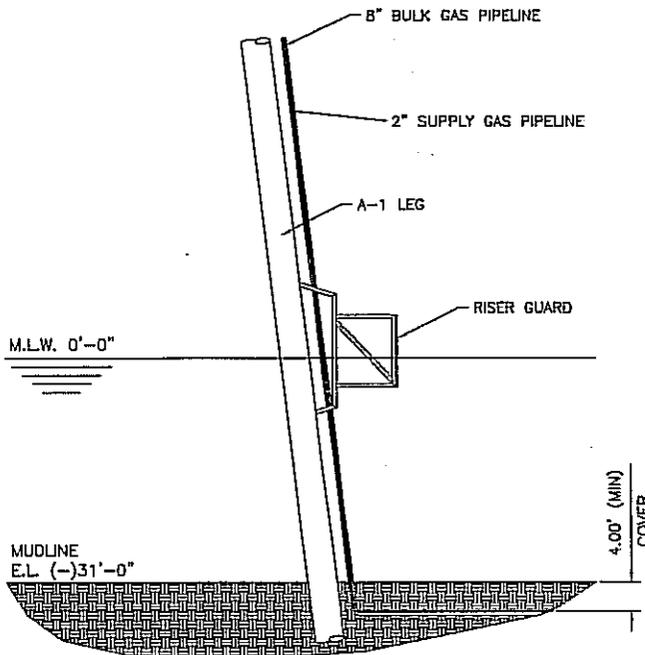
GULF OF MEXICO

DATUM: NAD 27	PROJECTION: U.T.M.
SPHEROID: CLARKE 1866	ZONE: 16

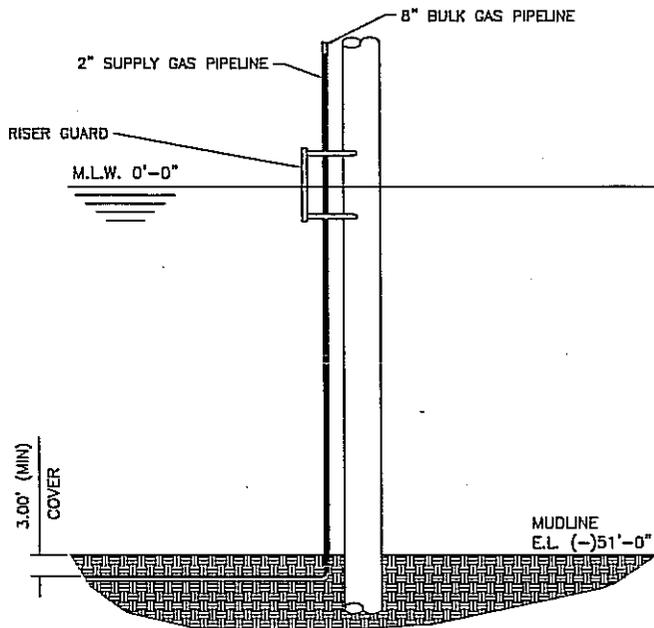


**TESLA OFFSHORE, LLC**  
36499 Perkins Road Prairieville, Louisiana 70769  
Tel: 225-673-2163 Fax: 225-744-3116

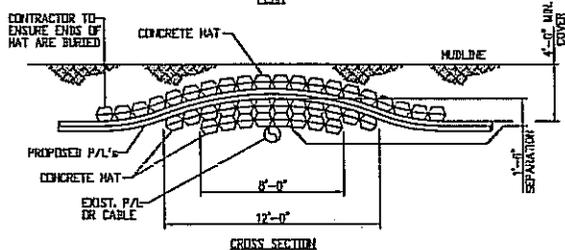
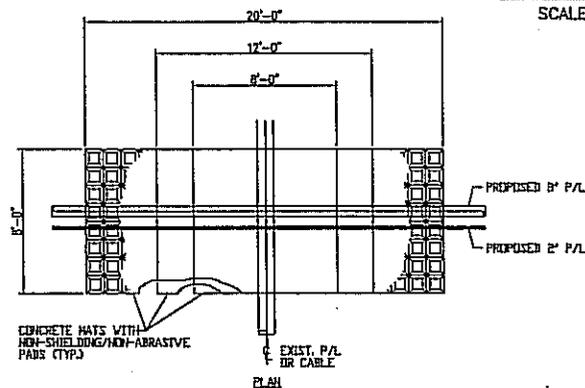
DRAWN BY: RJN	DATE: 09/27/2007	JOB No.: 07-297	DRAWING No.: 07-297-PERU-AL
REV. No.: 2	REV. DATE: 2/19/08	SCALE: AS NOTED	SHEET



**MB113 'A' PLATFORM**  
SCALE: 1" = 25'



**MOB26 WELL No. 1**  
SCALE: 1" = 25'



**PIPELINE CROSSING DETAIL**  
N.T.S.

**devon**

PROPOSED 8" BULK GAS & 2" SUPPLY GAS PIPELINE  
BLOCK 826 WELL No. 1 MOBILE AREA (OCS)  
TO AL BLOCK 113 PLATFORM 'A'

GULF OF MEXICO

DATUM: NAD 27

PROJECTION: U.T.M.

SPHEROID: CLARKE 1866

ZONE: 16



**TESLA OFFSHORE, LLC**  
36499 Perkins Road Prairieville, Louisiana 70769  
Tel: 225-673-2163 Fax: 225-744-3116

DRAWN BY: RJN	DATE: 09/27/2007	JOB No.: 07-297	DRAWING No.: 07-297-PERM-AL
REV. No.: 2	REV. DATE: 2/19/08	SCALE: AS NOTED	SHEET <span style="background-color: black; color: white; padding: 2px;">  </span>