

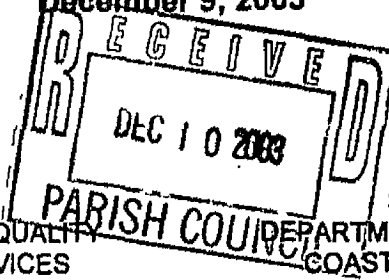


**JOINT PUBLIC NOTICE**

**December 9, 2003**



STATE OF LOUISIANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
OFFICE OF ENVIRONMENTAL SERVICES  
P.O. BOX 82135  
BATON ROUGE, LA 70884-2135  
(225) 219-3020



STATE OF LOUISIANA  
DEPARTMENT OF NATURAL RESOURCES  
COASTAL MANAGEMENT DIVISION  
P.O. BOX 44487  
BATON ROUGE, LA 70804-4487  
(225) 342-6841

DEQ REVIEWER:  
Melanie Bauder

CMD REVIEWER:  
C. S. Melton

WATER QUALITY CERTIFICATION NUMBER:  
MB-031125-06

COASTAL USE PERMIT NUMBER:  
P20031671

Interested parties are hereby notified that the Coastal Management Division of the Department of Natural Resources has received the following application for a Coastal Use Permit (CUP) in accordance with the State and Local Resources Management Act of 1978, as amended, (Louisiana R.S.49, Sections 214.21-214.41), and the rules and regulation of the Coastal Resources Program.

Application has also been made to the Louisiana Department of Environmental Quality, Office of Environmental Services for a Water Quality Certification in accordance with statutory authority contained in the Louisiana Revised Statutes of 1950, Title 30, Chapter 11, Part IV, Section 2074 A(3) and provisions of Section 401 of the Clean Water Act (P.L. 95-217).

**NAME:** American Natural Energy Corp., c/o T. Baker Smith & Son, Inc., P. O. Box 2266, Houma, LA 70361, Attn: Horace Thibodeaux.

**LOCATION:** St. Charles Parish, LA; POB - Lat. 29° 46' 49.89" N, Long. 90° 18' 53.03" W; POE of gas lift line - Lat. 29° 46' 33.38" N, Long. 90° 17' 45.39" W; POE of flowline - Lat. 29° 46' 52.53" N, Long. 90° 17' 08.55" W; Bayou Couba; Sections 10, 11, 13 & 14, T15S-R21E and Section 18, T15S-R22E.

**DESCRIPTION:** Installation of a 2" flowline (±10,698' in length) and a 2" gas lift line (±6,684' in length) to serve the Exxon Mobil Fee Well No. 3. The lines will be laid on top of the marsh and jetted a minimum of 3' below the mudline at water crossings. No wheeled or tracked vehicles will be used on the marsh. Approximately 496 cu. yds. of native material will be displaced by jetting operations. Approximately 67 cu. yds. of rip-rap material will be used at all canal crossings. Activity is located on the Salvador Wildlife Management Area. Approximately 0.12 acres of water bottoms and 0.21 acres of vegetated wetlands will be impacted as a result of this project.\*

The official date of the beginning of the public comment period for Coastal Use Permits and Water Quality Certification applications begins on the date of publication of the notice in the official state journal (*The Advocate*), in accordance with the Rules and Procedures for Coastal Use Permits, §723.C.5.c. The Coastal Management Division will inform interested parties of the exact date of publication on request.

\*Habitat impacts are based on available in-house data and may not represent actual conditions. Field reconnaissance may be required to verify extent of impacts.

THE APPLICANT MUST SECURE A STATE COASTAL USE PERMIT. LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY WATER QUALITY CERTIFICATION IS ALSO REQUIRED. INDEPENDENT EVALUATIONS AND DECISIONS WILL BE MADE BY THE COASTAL MANAGEMENT DIVISION AND THE DEPARTMENT OF ENVIRONMENTAL QUALITY.

  
State of Louisiana Coastal Use Permit Criteria

Plans for the proposed work are now on file and may be inspected at the office of the Coastal Management Division, Department of Natural Resources, State Land and Natural Resources Building, 617 North 3rd Street, Room 1048, Baton Rouge, Louisiana (225-342-7591). Written comments, including suggestions for modifications or objections to the proposed work and stating the reasons thereof, are being solicited from anyone having an interest in this permit request. Comments to the State of Louisiana, Coastal Management Division must be received within 25 days of the date of official journal publication of this notice. Comments may be faxed to us at (225) 342-9439 or may be emailed to us at the email address listed above. All comment letters should contain both the applicant's name and the appropriate application number and should be mailed to the Coastal Management Division, Louisiana Department of Natural Resources, P.O. Box 44487, Capitol Station, Baton Rouge, Louisiana 70804-4487.

The decision on whether or not to issue a Coastal Use Permit will be based on an evaluation of the probable impacts of the proposed activity in accordance with the state policies outlined in R.S. 49:214.22. The decision will reflect the national concern for both protection and utilization of important resources. The decision must be consistent with the state program and approved local programs for affected parishes and must represent an appropriate balancing of social, environmental and economic factors. All factors which may be relevant to the proposal will be considered; among these are flood and storm hazards, water quality, water supply, feasible alternative sites, drainage patterns, historical sites, economics, public and private benefits, coastal water dependency, impacts on natural features, compatibility with the natural and cultural setting and the extent of long term benefits or adverse impacts.

State of Louisiana Water Quality Certification Criteria

In accordance with the Joint Public Notice Agreement between Coastal Management Division and the Office of Water Resources, notice is hereby given that the applicant has applied to the Louisiana Department of Environmental Quality, Office of Environmental Services for a Water Quality Certification in accordance with statutory authority contained in the Louisiana Revised Statutes of 1950, Title 30, Chapter 11, Part IV, Section 2074 A(3) and provision of Section 401 of the Clean Water Act (P.L. 95-217).

Comments concerning this application can be filed with the Office of Water Resources within ten days of this notice to the following address: Louisiana Department of Environmental Quality, Office of Environmental Services, P.O. Box 82135, Baton Rouge, Louisiana 70884-2135.

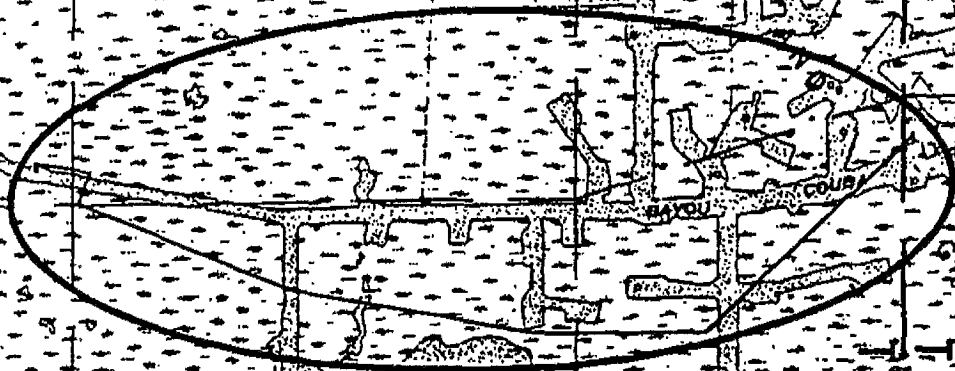
Additional information is on file with the above office, and may be inspected at any time between 8:00 a.m. and 4:30 p.m. weekdays. Copies may be obtained upon payment of cost of printing. A final decision on this application will be made within 60 days after publication of this notice.

Public Hearings

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Request for public hearings shall state, with particularity, the reasons for holding a public hearing.

PROPOSED PROJECT LOCATED APPROXIMATELY  
14.3 MILES SOUTHWEST OF MARRERO, LA

NORTH  
UTM COORDINATE SYSTEM  
 PROJECTIONS - 1983 DATUM



PROJECT  
VICINITY

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR  
THE ACQUISITION OF REGULATORY PERMITS.

LAND OWNER: LA. DEPARTMENT OF WILDLIFE & FISHERIES

NO.	DATE	REVISION

**VICINITY MAP**

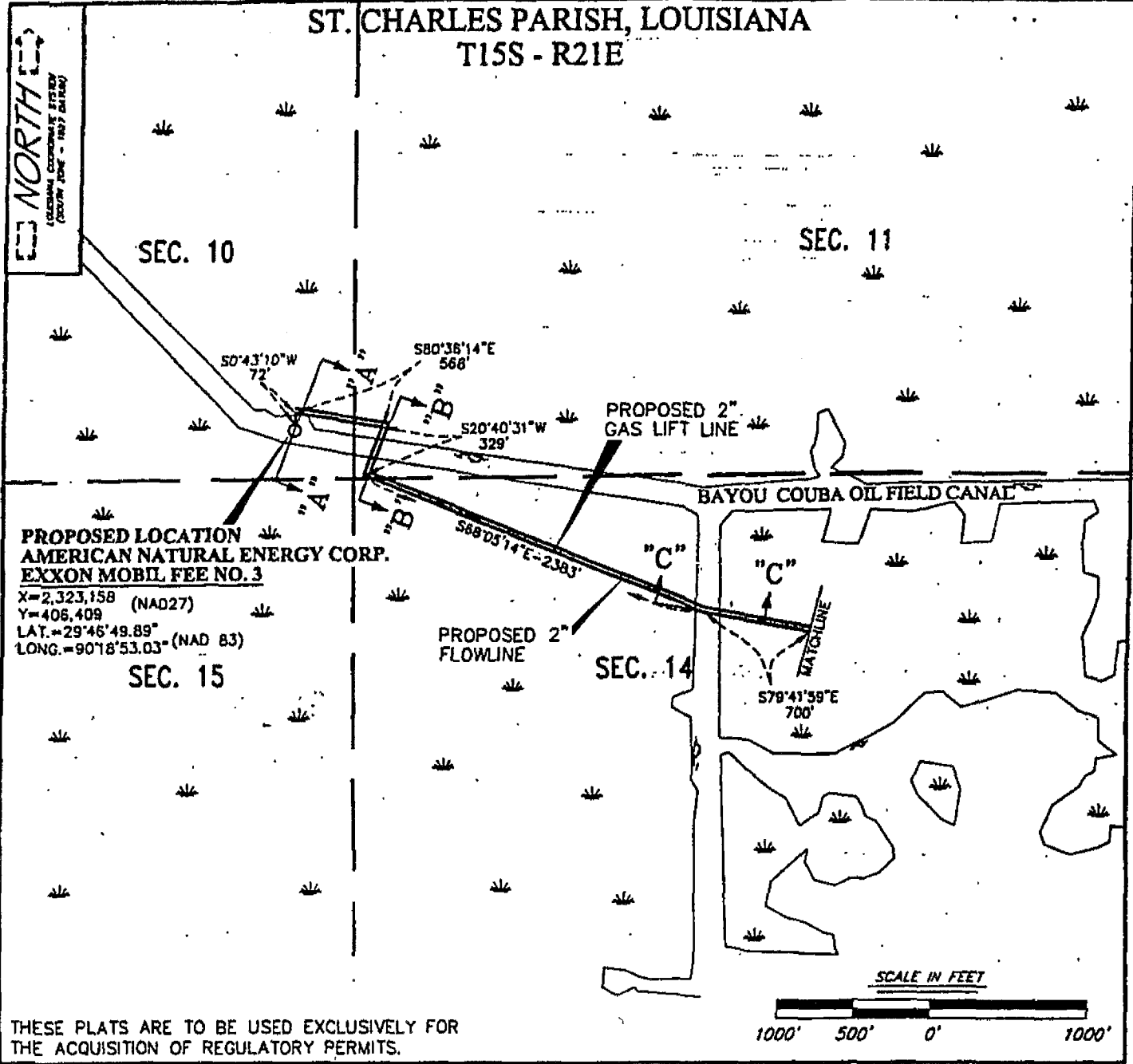
REPRODUCED FROM 7.5' MINUTE  
QUADRANGLE "LAKE CATAOQUATCHE  
WEST", LA.

**AMERICAN NATURAL ENERGY CORP.**

PROPOSED 2" FLOWLINE & 2" GAS LIFT LINE  
TO SERVE EXXON MOBIL FEE NO. 3 WELL  
LOCATED IN SECTIONS 10, 11, 13, 14, T15S-R21E  
& SECTION 18, T15S-R22E  
BAYOU COUBA FIELD  
ST. CHARLES PARISH, LOUISIANA

<p><b>T. Baker Smith &amp; Son, Inc.</b> Professional Consultants</p>	DRAWN BY: S.T.G.	SHEET 1 OF 8
	APPROVED BY: F.J.F.	DRAWING NAME: 03723F1.01.DWG
	SCALE: 1" = 2,000'	JOB NUMBER: 52003-723
	DATE: 10/28/03	MAP NUMBER: 25

ST. CHARLES PARISH, LOUISIANA  
T15S - R21E



NO.	DATE	REVISION

**PLAN VIEW**

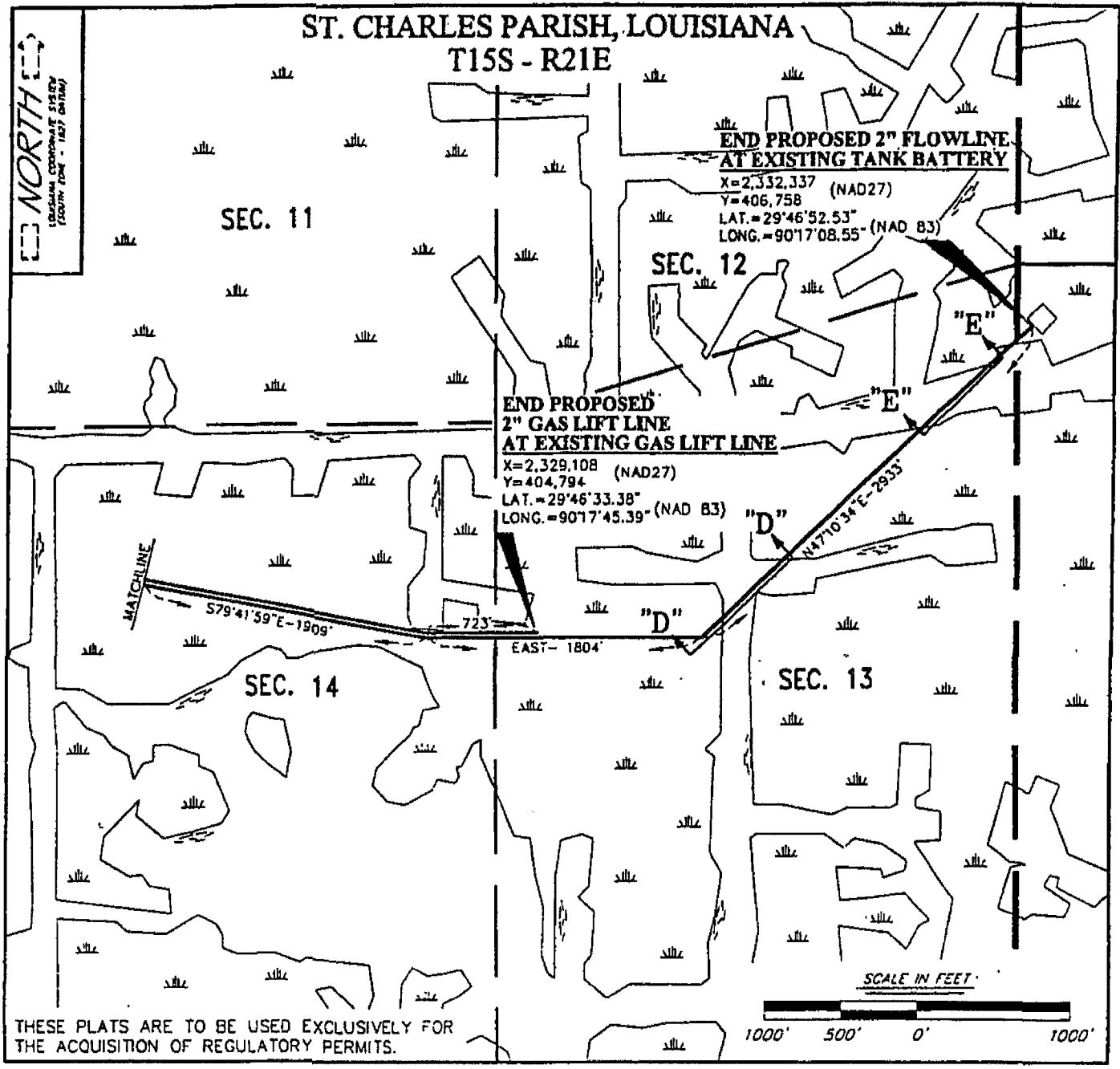
**AMERICAN NATURAL ENERGY CORP.**

PROPOSED 2" FLOWLINE & 2" GAS LIFT LINE  
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LOCATED IN SECTION 10, 11, 13, 14 T15S-R21E  
& SECTION 18, T15S-R22E  
BAYOU COUBA FIELD  
ST. CHARLES PARISH, LOUISIANA

<p><b>T. Baker Smith &amp; Son, Inc.</b> Professional Consultants PLANNING - DESIGN - CONTRACTOR MANAGEMENT - OPERATIONS COMPLIANCE REGULATORY - ENVIRONMENTAL - ENVIRONMENTAL SERVICES (800) 848-1998 www.tbss.com</p>	DRAWN BY: S.T.G.	SHEET 2 OF 8
	APPROVED BY: F.J.F.	DRAWING NAME: 03723FL02.DWG
	SCALE: 1" = 1,000'	JOB NUMBER: S2003-723
	DATE: 10/28/03	MAP NUMBER: 26

ST. CHARLES PARISH, LOUISIANA  
T15S - R21E

NORTH  
1000' 500' 0' 500' 1000'



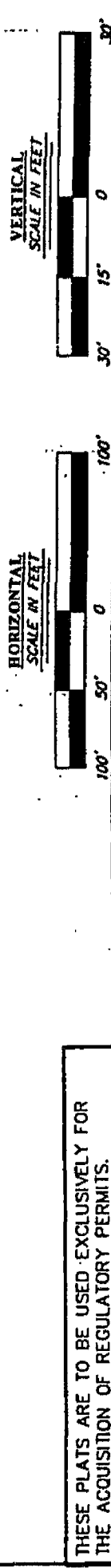
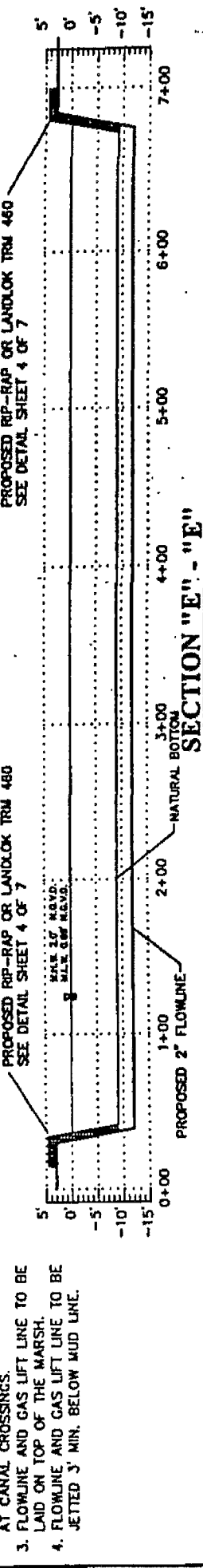
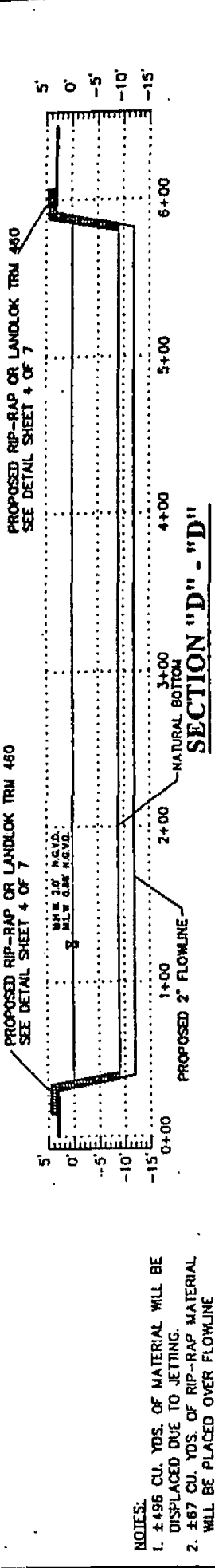
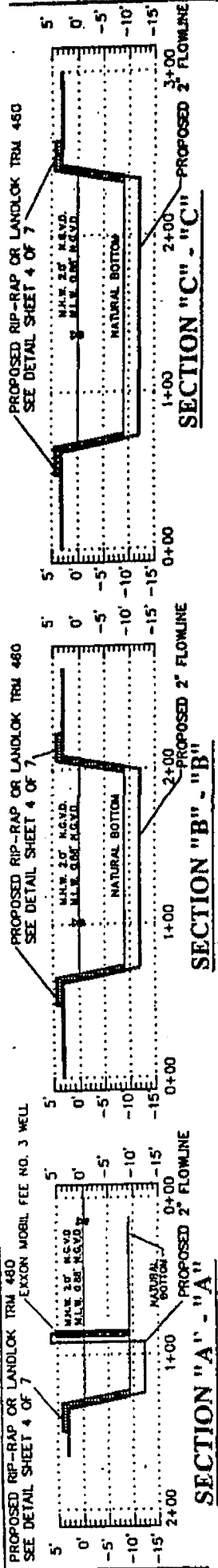
THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

01	11/10/03	REVISED COORDINATE
NO.	DATE	REVISION

**PLAN VIEW**

**AMERICAN NATURAL ENERGY CORP.**  
 PROPOSED 2" FLOWLINE & 2" GAS LIFT LINE  
 TO SERVE EXXON MOBIL FEE NO. 3 WELL  
 LOCATED IN SECTION 10, 11, 13, 14 T15S-R21E  
 & SECTION 18, T15S-R22E  
 BAYOU COUBA FIELD  
 ST. CHARLES PARISH, LOUISIANA

 <b>T. Baker Smith &amp; Son, Inc.</b> Professional Consultants <small>PLANNING - DESIGN - CONTRACT ADMINISTRATION - OPERATIONS COMPLIANCE                  REGULATORY - ENVIRONMENTAL - PROFESSIONAL SERVICES                  (504) 998-1999 www.tbssm.com</small>	DRAWN BY: S.T.G.	SHEET 3 OF 8
	APPROVED BY: F.J.F.	DRAWING NAME: 03723FLO3.DWG
	SCALE: 1" = 1,000'	JOB NUMBER: 52003-723
	DATE: 10/28/03	MAP NUMBER: 27



**CROSS SECTIONS**

**AMERICAN NATURAL ENERGY CORP.**

PROPOSED 2" FLOWLINE & 2" GAS LIFT LINE  
 TO SERVE EXXON MOBIL FEE NO. 3 WELL  
 LOCATED IN SECTIONS 10, 11, 13, & 14, T15S-R21E  
 & SECTION 18, T15S-R22E

BAYOU COUBA FIELD  
 ST. CHARLES PARISH, LOUISIANA

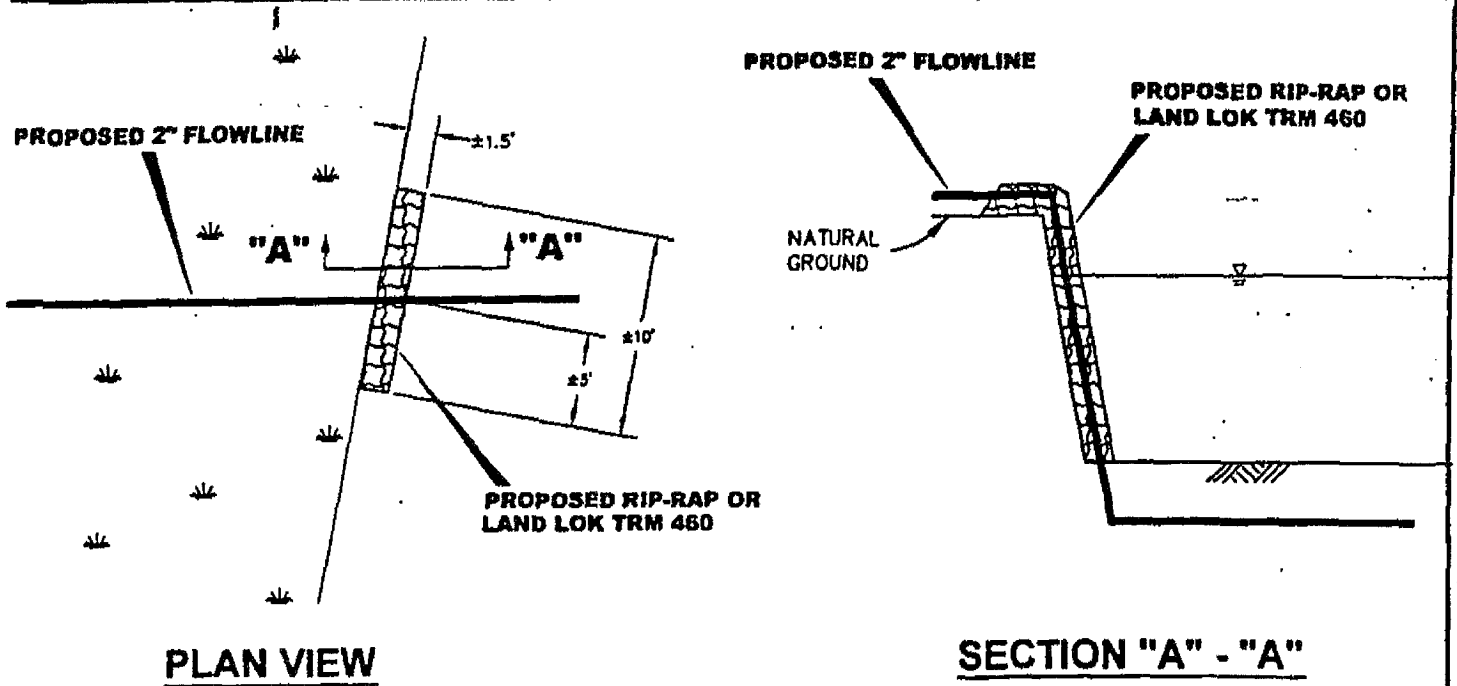
- NOTES:
1. ±496 CU. YDS. OF MATERIAL WILL BE DISPLACED DUE TO JETTING.
  2. ±67 CU. YDS. OF RIP-RAP MATERIAL WILL BE PLACED OVER FLOWLINE AT CANAL CROSSINGS.
  3. FLOWLINE AND GAS LIFT LINE TO BE LAID ON TOP OF THE MARSH.
  4. FLOWLINE AND GAS LIFT LINE TO BE JETTED 3' MIN. BELOW MUD LINE.

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HORIZONTAL SCALE IN FEET

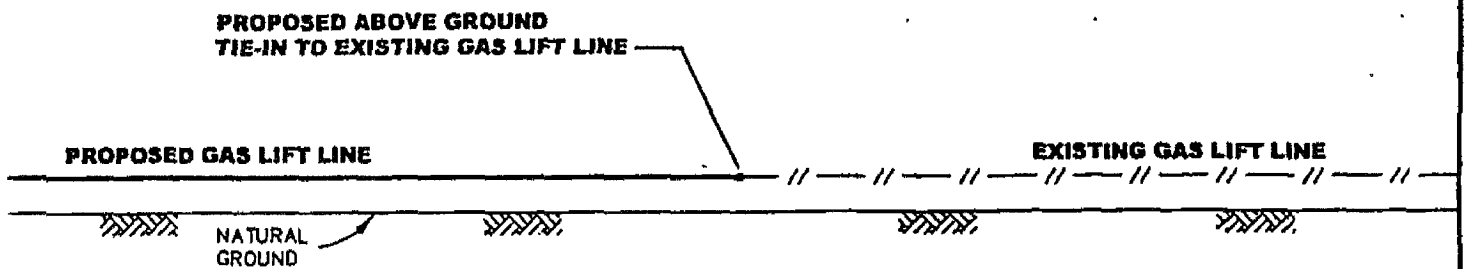
VERTICAL SCALE IN FEET

<p><b>T. Baker Smith &amp; Son, Inc.</b>          Professional Consultants  <small>REGISTERED PROFESSIONAL ENGINEERS          LICENSE NO. 10000-00000-00000-00000          STATE OF MISSISSIPPI</small></p>	<p>DRAWN BY: S.T.G.</p>	<p>SHEET 4 OF 8</p>
	<p>APPROVED BY: F.J.F.</p>	<p>DRAWING NAME: 03723FL04.DWG</p>
<p>SCALE: 1" = 60'</p>	<p>JOB NUMBER: S2003-723</p>	<p>MAP NUMBER:</p>
<p>DATE: 10/28/03</p>		



**PLAN VIEW**

**SECTION "A" - "A"**



**TYP. TIE-IN DETAIL**  
N.T.S.


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NO.	DATE	REVISION

**TYPICAL DETAILS**

**AMERICAN NATURAL ENERGY CORP.**

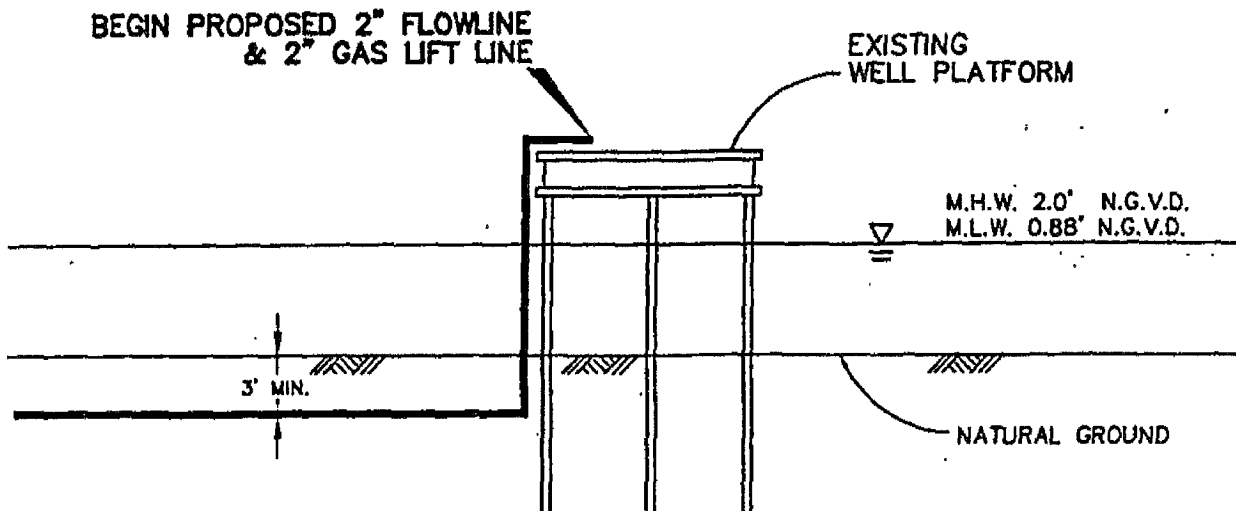
PROPOSED 2" FLOWLINE & 2" GAS LIFT LINE  
TO SERVE EXXON MOBIL FEE NO. 3 WELL  
LOCATED IN SECTIONS 10, 11, 13, & 14, T15S-R21E  
& SECTION 18, T15S-R22E  
BAYOU COUBA FIELD  
ST. CHARLES PARISH, LOUISIANA

 <p><b>T. Baker Smith &amp; Son, Inc.</b> Professional Consultants <small>PLANNING • DESIGN • CONTRACTS MANAGEMENT • OPERATIONS COMPLIANCE REGULATORY • ENVIRONMENTAL • ENVIRONMENTAL SERVICES (706) 949-1999 www.tbss.com</small></p>	<p>DRAWN BY: S.T.G.</p>	<p>SHEET 5 OF 8</p>
	<p>APPROVED BY: F.J.F.</p>	<p>DRAWING NAME: 03723FLO5.DWG</p>
	<p>SCALE: 1" = 10'</p>	<p>JOB NUMBER: S2003-723</p>
	<p>DATE: 10/28/03</p>	<p>MAP NUMBER: <span style="float: right;">29</span></p>



EXISTING WELL PLATFORM

**PLAN VIEW**  
NOT TO SCALE



**ELEVATION**  
NOT TO SCALE


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NO.	DATE	REVISION

**FLOWLINE TIE-IN AT EXISTING STRUCTURE**

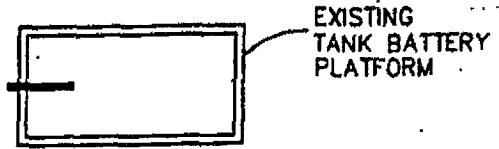
**AMERICAN NATURAL ENERGY CORP.**

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TO SERVE EXXON MOBIL FEE NO. 3 WELL  
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ST. CHARLES PARISH, LOUISIANA

 <p><b>T. Baker Smith &amp; Son, Inc.</b> Professional Consultants <small>PLANNING • DESIGN • CONTRACT ADMINISTRATION • OPERATIONS COMPLIANCE REGULATORY • ENVIRONMENTAL • PROFESSIONAL SOFTWARE (504) 284-6288 www.tbssmith.com</small></p>	DRAWN BY: S.T.G.	SHEET 6 OF 8
	APPROVED BY: F.J.F.	DRAWING NAME: 03723FLO8.dwg
	SCALE: N.T.S.	JOB NUMBER: 52003-723
	DATE: 10/28/03	MAP NUMBER:

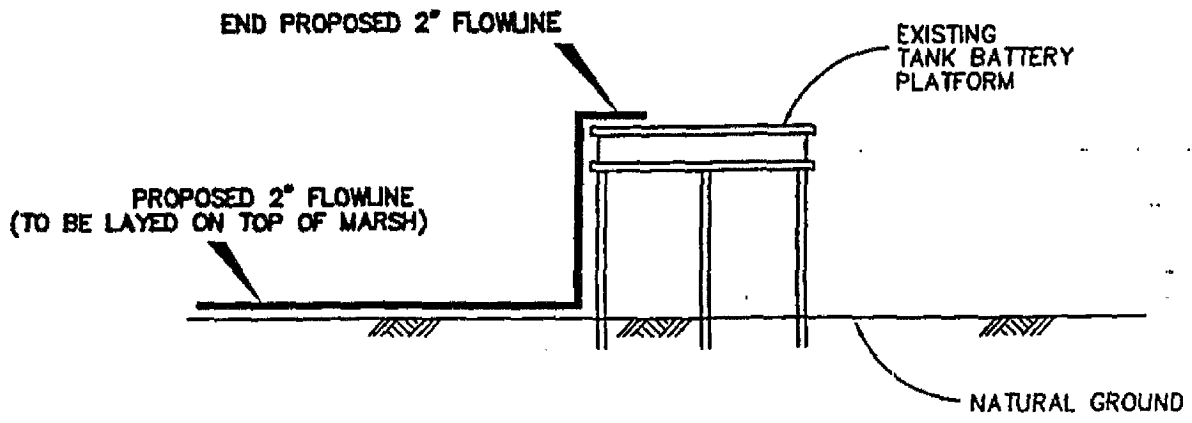
30





EXISTING  
TANK BATTERY  
PLATFORM

**PLAN VIEW**  
NOT TO SCALE



**ELEVATION**  
NOT TO SCALE

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**FLOWLINE TIE-IN AT EXISTING STRUCTURE**

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DRAWN BY:	S.T.G.	SHEET	7	OF	8
APPROVED BY:	F.J.F.	DRAWING NAME:	03723FLO7.DWG		
SCALE:	1" = 60'	JOB NUMBER:	S2003-723		
DATE:	10/28/03	MAP NUMBER:	31		

1. Prior to any activities on the WMA, American Natural Energy Corporation (ANEC) shall notify Shane Granier of the New Orleans office, (504)568-5886, of their intention to begin work. Additionally, ANEC is required to coordinate a pre-project meeting with Mr. Mikel Lambert (504)427-1961, the Salvador WMA supervisor or Mr. Dave Soileau (337)373-0174, Biologist Manager.
2. ANEC shall obtain a servitude from the La. Department of Wildlife & Fisheries for the proposed lines.
3. In the event of a dry hole or upon abandonment of this well, all structures and associated facilities will be removed within 120 days of abandonment.
4. No activities will be allowed during the waterfowl season without authorization of the WMA area supervisor.
5. No dredging will be allowed in association with the project.
6. All plugs shall be maintained during the time period ANEC is operating on the wildlife management area.
7. Flowlines shall be properly marked at all canal crossings. Specifications of markers shall be approved by the area supervisor.
8. It shall be the responsibility of ANEC to bury any surface lines that become exposed due to erosion or subsidence. All exposed flowlines shall be buried 3 feet below
9. No tracked vehicles will be allowed on the management area without specific authorization from the area supervisor.


NO.	DATE	REVISION

**NOTES**

**AMERICAN NATURAL ENERGY CORP.**

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 LOCATED IN SECTION 10, 11, 13, 14, T15S-R21E  
 & SECTION 18, T15S-R22E  
 BAYOU COUBA FIELD  
 ST. CHARLES PARISH, LOUISIANA

cc: pc ✓  
 pcc/ect ✓  
 CZM ✓

 <b>T. Baker Smith &amp; Son, Inc.</b> Professional Consultants <small>PLANNING • DESIGN • CONSTRUCTION MANAGEMENT • OPERATIONS COMPLIANCE</small> <small>1000 PETERSON • HOUSTON, TEXAS 77057 • (281) 416-1100 • www.tbaker-smith.com</small>	DRAWN BY: S.T.G.	SHEET 8 OF 8
	APPROVED BY: F.J.F.	DRAWING NAME: 03723-FL08.dwg
	SCALE: N.T.S.	JOB NUMBER: 52003-723 <span style="float: right;">32</span>
	DATE: 10/28/03	MAP NUMBER: