United States Department of the Interior

MINERALS MANAGEMENT SERVICE
GULF OF MEXICO OCS REGION
1201 ELMWOOD PARK BOULEVARD
NEW ORLEANS, LOUISIANA 70123-2394

TAKE PRIDE IN AMERICA

In Reply Refer To: LE-3-1
OCS 0647-C

November 17, 1989

ACTION

Transcontinental Gas Pipe Line Corporation Right-of-Way

RELINQUISHMENT OF RIGHT-OF-WAY GRANT
ABANDONMENT OF PIPELINE

On October 21, 1974, Transcontinental Gas Pipe Line Corporation filed an application for a right-of-way two hundred (200') in width for the purpose of constructing, operating and maintaining a three and one-half inch (3-1/2") natural gas pipeline, 3.79 miles in length, beginning at Union Oil Company of California's "B-1" platform in Block 67, Vermilion Area, and extending through Block 66 to Texaco's No. 1 platform in Block 57, Vermilion Area. By Decision dated February 7, 1975, the application was approved and the right-of-way granted. Proof of construction was subsequently accepted on May 15, 1975.

On October 24, 1989, Transcontinental Gas Pipe Line Corporation requested relinquishment of the right-of-way in its entirety. Additionally, grantee requested permission to abandon in place the above described pipeline in accordance with 30 CFR 256.89(a)(6) (NOW 30 CFR 250.159(c)(9).

Inasmuch as grantee has agreed to comply with 30 CFR 250.159 (c)(9), removal of the 3.79 miles of line pipe is hereby waived.

Therefore, the pipeline right-of-way grant is relinquished effective as of October 24, 1989, the date the request for relinquishment was filed in this office.

J. Rogers Pearcy
J. Rogers Pearcy
Regional Director

cc: Case File

on mcf
12/5/89
KF

In Reply Refer To: LE-3-1
OCS 0647-C

November 17, 1989

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Original Signed: J. Rogers Pearcy

J. Rogers Pearcy
Regional Director

cc: Case File

bcc: LAD (SEQ 250.159[c][9]) (LE-3-1)

MHolmes:alc

Transcontinental Gas Pipe Line Corporation
A Transco Energy company

2800 Post Oak Boulevard
P. O. Box 1396
Houston, Texas 77251
713-439-2572

Donn W. Leva
Vice President - Operating Services

October 17, 1989

D. J. Bourgeois
Regional Supervisor
U.S. Department of the Interior
Minerals Management Service
1201 Elmwood Park Blvd.
New Orleans, LA. 70123-2394

RECEIVED
OCT 24 1989
Minerals Management Service
Leasing & Environment

Attn: Ms. Mary Holmes
LE-3-1

RE: OCS 0647-C - Abandonment of 3" Pipeline and Relinquishment of Right-of-Way for an Existing 3" Natural Gas Pipeline from Block 57 to Block 67, Vermilion Area, Offshore Louisiana, W.O. 6103.90, Line No. 2-101-24-15, R/W 1

Dear Ms. Holmes:

Transcontinental Gas Pipe Line Corporation (TGPL) is the holder of Right-of-Way in Decision OCS 0647-C issued February 7, 1975 by the United States of The Interior, bureau of Land Management. That right-of-way is described as follows.

Right-of-way 200 feet in width to construct, operate and maintain a 3-inch natural gas pipeline approximately 19,989.6 feet in length from Block 57 to Block 67, Vermilion Area, Offshore Louisiana.

Transco wishes to release, relinquish and surrender to the United States of America, all of its rights, title and interests, in that right-of-way described above.

We hereby request your approval and acceptance of the right-of-way, relinquishment and the removal of the M&R facilities and related platform piping for Block 57 to Block 67, Vermilion Area.

The pipeline will be abandoned in place in compliance with requirements of 30 CFR 256.89 (a)(6), as depicted on Drawing No. 22-6006/DI-3E-001, rev.1. Accordingly, we request a written waiver of the removal requirements.

ACCEPTED
Regional Director
Effective Date OCT 24 1989

This application is to supercede and replace TGPL's application dated August 24, 1989. On said application the OCS number was inadvertently listed as OCS 0647.

Yours truly,

CGP
EM

Donn W. Leva

DWL/CGP:wp

Proof of Construction Accepted 5/15/75.

Form 4-1181 (July 1951)

BILLING INDEX

Billing Date

Bond ..... Fund symbol (Acq. lands only) ..... Serial No. OCS 0647-C

No bond ..... Expiration date ..... Type P/L R/W

Effective date lease issued, assignment, or report on structure	Units (Acres, miles, etc.)	Total rental rate	County distribution of total rental rate	County distribution (County name)
2/7/75	3.78 Mi.	$5.00	$20.00	Blocks 67, 66, and 57, Vermilion Area
[illegible]/79		$15.00	$60.00	

Relinquished OCT ~~30~~ 24, 1989

BILLS ISSUED

Year of lease	Date issued	Year of lease	Date issued
1975	2/7/75 Pd.	6th	12/1/79 pd.
2d	12/1/75 pd	7th	12/1/80 pd.
3d	12/1/76 pd.	8th	12/1/81 pd.
4th	12/1/77 pd.	9th	12/1/82 pd.
5th	12/1/78 pd.	10th	12/1/83 pd.

	Name	Address
Principal	Transcontinental Gas Pipe Line Corporation	P. O. Box 1396, Houston, Texas ~~77001~~ 77251

Assignee of undivided interest

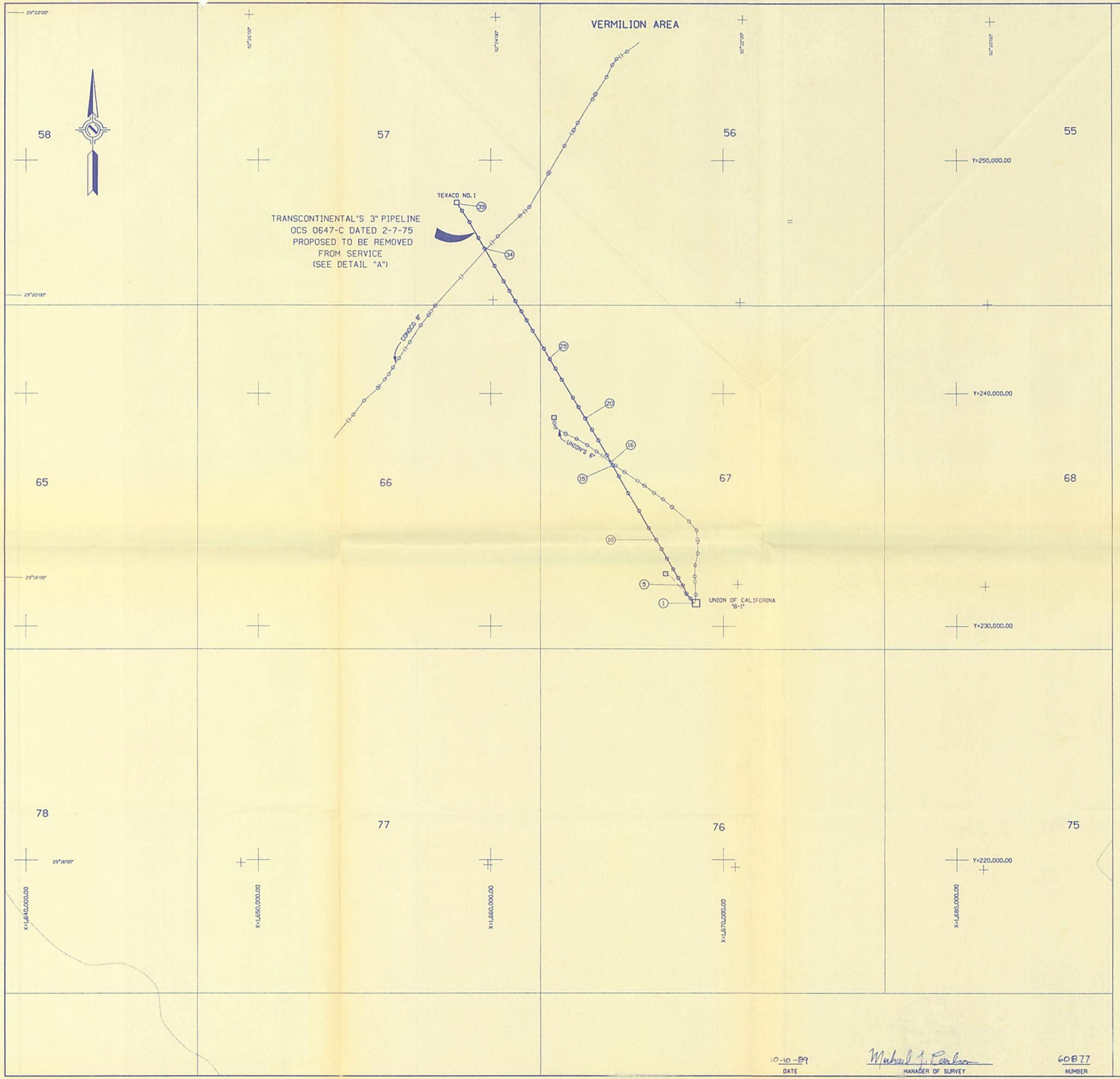
or

OCS 0647-C P/L Transcontinental Gas Pipe Line Corporation

BILLS ISSUED

11th. 12/1/84 pd.

12th. 12/1/85 pd.
13th. 12/1/86 pd.
14th. 12/1/87 pd.
15th. 12/1/88 pd.



3" - BLK. 67 "B-1" TO BLK. 57 NO. 1			
1	1 668 732.67	230 985.87	℄ 3½" RISER (BLK. 67)
2	1 668 718.42	231 006.41	CAPPED END OF PIPE LEFT IN PLACE
3	1 668 585.40	231 196.19	3" PIPELINE
4	1 668 416.49	231 404.68	"
5	1 668 259.70	231 757.40	"
6	1 668 062.57	232 083.63	"
7	1 667 845.61	232 458.85	"
8	1 667 588.40	232 816.65	"
9	1 667 344.63	233 333.53	"
10	1 667 110.79	233 733.62	"
11	1 666 795.27	234 258.71	"
12	1 666 374.18	234 998.04	"
13	1 665 906.54	235 741.43	"
14	1 665 504.43	236 468.24	"
15	1 665 244.39	236 935.60	3" PIPELINE
16	1 665 169.69	237 081.79	X-ING UNION 6" PIPELINE
17	1 664 998.41	237 364.16	3" PIPELINE
18	1 664 625.04	238 002.98	X-ING TELE. CABLE
19	1 664 352.78	238 451.22	3" PIPELINE
20	1 664 067.41	238 895.34	"
21	1 663 772.15	239 426.00	"
22	1 663 529.90	239 822.76	"
23	1 663 055.02	240 595.74	"
24	1 662 783.77	241 070.15	"
25	1 662 539.46	241 478.99	"
26	1 662 229.31	241 920.87	"
27	1 681 805.99	242 697.12	"
28	1 661 548.62	243 144.28	"
29	1 661 323.20	243 526.99	"
30	1 681 062.56	243 960.96	"
31	1 660 806.45	244 407.12	"
32	1 660 556.84	244 814.47	"
33	1 660 165.74	245 472.29	3" PIPELINE
34	1 659 735.04	246 217.31	X-ING 8" CONOCO
35	1 659 470.94	246 676.67	3" PIPELINE
36	1 659 089.22	247 350.90	"
37	1 658 762.22	247 846.25	"
38	1 658 582.45	248 122.42	CAPPED END OF PIPE LEFT IN PLACE
39	1 658 586.09	248 101.47	℄ 3½" RISER (BLK. 57)

THIS MAP REFLECTS THE AS-BUILT COORDINATE LOCATION OF THE PIPELINE AS ACCEPTED BY THE BLM UNDER OCS 0647-C DATED FEBRUARY 7, 1975. THIS PIPELINE IS PROPOSED TO BE REMOVED FROM SERVICE AND LEFT IN PLACE BY TRANSCONTINENTAL GAS PIPELINE CORPORATION. IT WILL BE PURGED PRIOR TO BEING CAPPED ON BOTH ENDS AND FILLED WITH INHIBITED WATER. THE CAPPED ENDS WILL BE BURIED TO A DEPTH OF AT LEAST 3 FEET BELOW THE UNDISTURBED GULF BOTTOM.

RIGHT-OF-WAY GRANTED BY OCS 0647-C DATED 2-7-75 = 19,989.6 FEET OR 3.79 MILES
RIGHT-OF-WAY TO BE RELINQUISHED = 19,989.6 FEET OR 3.79 MILES
TOTAL RIGHT-OF-WAY REMAINING UNDER OCS 0647-C = 0.00 FEET OR 0.00 MILES

NOTES:
1. COORDINATES AND DISTANCES ARE BASED UPON LOUISIANA STATE PLANE COORDINATE SYSTEM LAMBERT SOUTH ZONE, 1927 NAD.
2. AS-BUILT RIGHT-OF-WAY TO BE RELINQUISHED IS 200 FEET WIDE.

DETAIL "A"
(N.T.S.)

10-10-89
DATE

Michael J. Carlon
MANAGER OF SURVEY

60877
NUMBER

SN 3792

Reference Drawing

Dwg. No.

Transcontinental Gas Pipe Line Corporation
A Transco Energy company

Engineering Department
Houston, Texas

PROPOSED REMOVAL FROM SERVICE OF 3" NATURAL GAS PIPELINE FROM BLK. 57-1 TO BLK.67 "B-1" VERMILION AREA, OFFSHORE LOUISIANA

Drawn By TOM BATES	Date 7-11-89	Approved By [illegible]	Date 10-10-89		
Checked By [illegible]	Date 10-10-89	Approved By Michael J. Carlon			
Approved By Drafting C.W.W.	Date 10-10-89				
W.O. No. 6103.90	Scale 1" = 2000'		DWG. NO.	22-6006 DI-3E-001	
Approved By Engr.	Sheet 1 of 1				

No.	Date	Revision	By
1	10-3-89	CORRECT O C S NUMBERS	T.A.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
OUTER CONTINENTAL SHELF OFFICE
SUITE 3200 THE PLAZA TOWER
1001 HOWARD AVENUE
NEW ORLEANS, LA. 70113

IN REPLY REFER TO
2883 (400)

OCS 0647-C
Vermilion Area

May 15, 1975

DECISION

Transcontinental Gas Pipe Line Corporation	:	Right of Way for Pipe Line
	:	Date of Permit: 2/7/75
	:	Decision Requesting Proof of Construction dated:
	:	Proof of Construction Received: 5/7/75

Proof of Construction Accepted

The above-captioned permittee has submitted the evidence required by the law and regulations 43 CFR 2883.2-3(a). The proof of construction is hereby accepted and approved. Minor deviation noted.

John L. Rankin
Manager

cc: U. S. Geological Survey w/dwgs.

FILE

6-27-89

Called Floyd McFarland
(504) 446-8841

- will request approval to
abn & relinquish this p/c

Carol

Transcontinental Gas Pipe Line Corporation

A Subsidiary of **Transco Companies Inc.**

S. Post Oak at W. Alabama
P. O. Box 1396
Houston, Texas 77001

May 5, 1975

Mr. John L. Rankin, Manager
U. S. Department of the Interior
Bureau of Land Management
The Plaza Tower Building
1001 Howard Avenue
P. O. Box 53226
New Orleans, Louisiana 70153

Re: OCS-G 0647-C
Transco's Line 2-101-24-15
Blocks 57 and 67, Vermilion Area
Gulf of Mexico

Dear Mr. Rankin:

In compliance with the U. S. Department of the Interior's Code of Federal Regulations, Title 43, Public Lands, Interior Part 2883, Section 2883.2-3 (a), please find attached two (2) copies of Transcontinental Gas Pipe Line Corporation's Drawing No. CE-A-010, Revision 3, (three sheets), showing the "as-built" location of our three and one-half inch (3-1/2") natural gas pipe line extending through Blocks 57 and 67, Vermilion Area, Gulf of Mexico, Offshore Louisiana.

I trust that this will satisfy the Regulations and in turn, you will grant your "Decision of Proof of Construction Accepted".

Yours very truly,

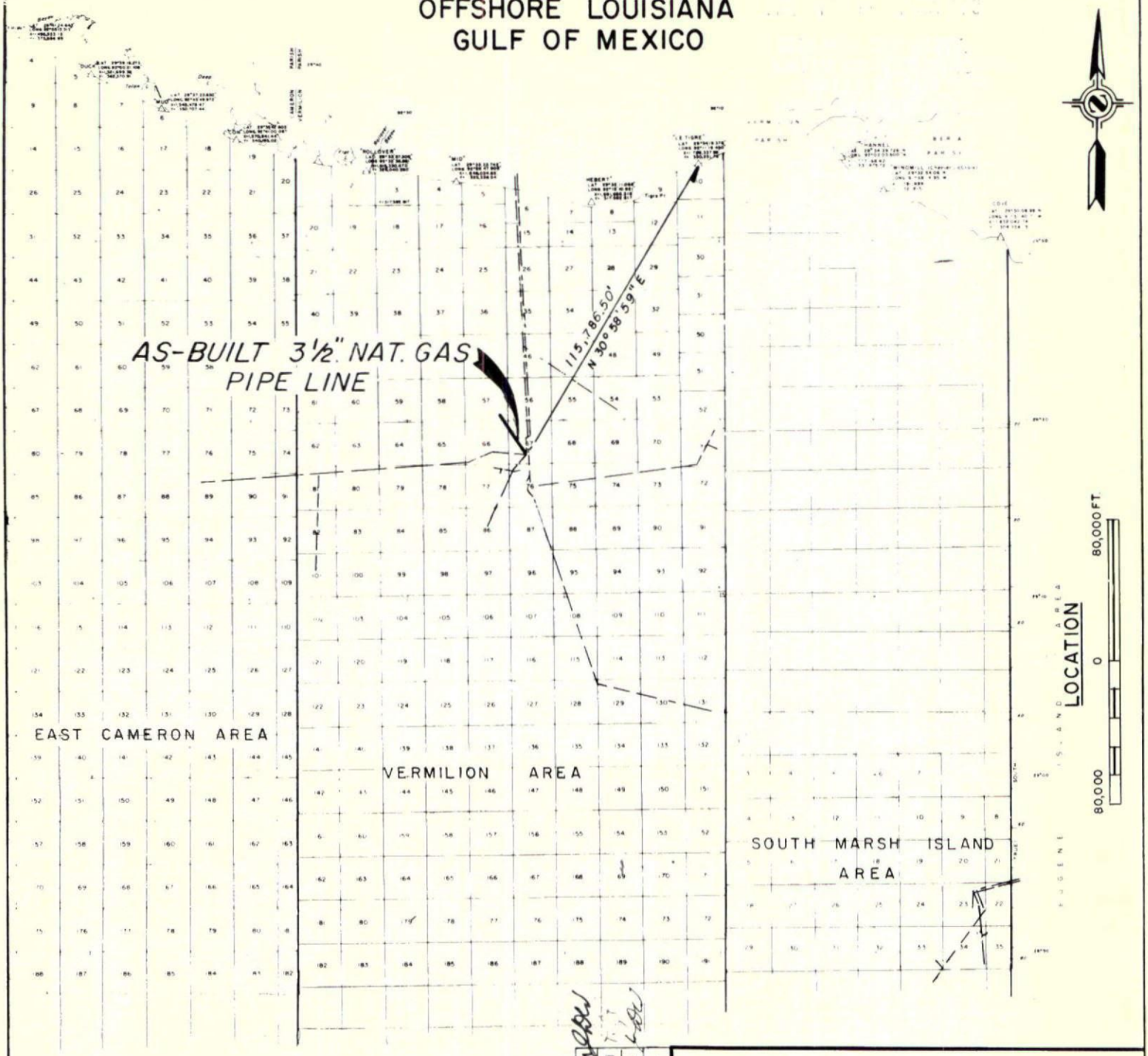
J. A. Rexer

JAR:jl

Attachments

Telephone: (713) 626-8100
Cable Code: TRANSCOINC
Telex: 775-267

OFFSHORE LOUISIANA
GULF OF MEXICO



NO.	DATE	REVISION	BY
3	4-15-75	Revised To As-Built	ALM
2	11-26-74	Added Sheet 4	ALM
1	10-17-74	Rev Well Loc	JWC

TRANSCONTINENTAL GAS PIPE LINE CORP.

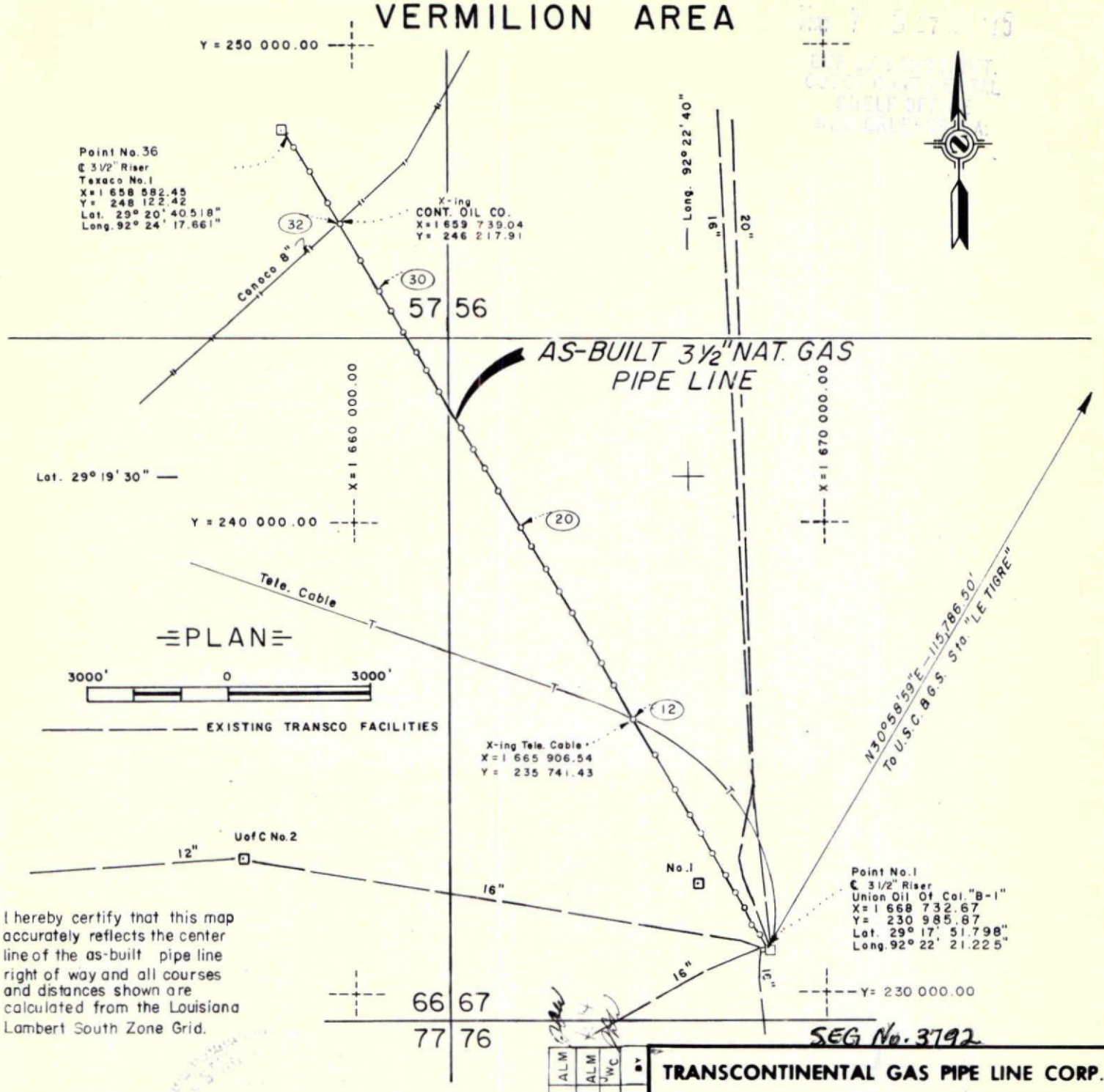
ENGINEERING DEPARTMENT — HOUSTON, TEXAS

AS-BUILT 3½" NATURAL GAS PIPE LINE
RIGHT OF WAY — GULF OF MEXICO
BLK 67 TO BLK 57 V.A., LOUISIANA

DRAWN BY JCORDER	DATE 8-74	APPROVED BY [illegible]	DATE 9-27-74
CHECKED BY JDW	DATE 8-30-74	APPROVED BY [illegible] ENGINEER	
APPVD BY DRAFT.NG CWW.	DATE 8-30-74		
W O NO 5152.35	SCALE NOTED	GP.-GUN.	22 - C 600
	SHEET 1 OF 4	DWG. NO.	C.E.-A-010

OCS No. G-0647-C

----- EXISTING TRANSCO FACILITIES



I hereby certify that this map accurately reflects the center line of the as-built pipe line right of way and all courses and distances shown are calculated from the Louisiana Lambert South Zone Grid.

SEG No. 3792

NO.	DATE	REVISION	BY
3	4-17-75	Revised To As-Built	ALM
2	11-26-74	Added Sheet 4	ALM
1	10-17-74	Rev. Well Loc.	JWC

TRANSCONTINENTAL GAS PIPE LINE CORP.

ENGINEERING DEPARTMENT HOUSTON TEXAS

AS-BUILT 3 1/2" NATURAL GAS PIPE LINE
RIGHT OF WAY – GULF OF MEXICO
BLK 67 TO BLK 57 V.A. LOUISIANA

DRAWN BY Jcorder	DATE 8-74	APPROVED BY EM	DATE 9/27/74
CHECKED BY JDW	DATE 8-30-74	APPROVED BY Henry M. Ingram ENGINEER	
APPVD BY DRAFTING CWW	DATE 8-30-74		
W O NO 5152.35	SCALE NOTED	GP.-G.U.N. 22-0600	
	SHEET 2 OF 4	DWG. NO. CE-A-010	

4-25-75 DATE — C. T. Rosebaugh CHIEF ENGINEER — 4650 NUMBER

OCS-0647-C

AS-BUILT 3 ½" - UNION OF CAL. "B-1" BLK. 67 TO TEXACO NO. 1 BLK. 57

3 ½" O.D. x .438" W.T. Gr. "B"	782.74'
3 ½" O.D. x .399" W.T. Gr. "B"	19,206.86'
Total	19,989.60'

PT.	X	Y	REMARKS
1	1 668 732.67	230 985.87	℄ Riser Blk. 67 "B-1"
2	1 668 585.40	231 198.19	Pipeline
3	1 668 416.49	231 404.68	"
4	1 668 259.70	231 757.40	"
5	1 668 062.57	232 083.63	"
6	1 667 849.61	232 458.85	"
7	1 667 588.40	232 916.65	"
8	1 667 344.63	233 333.53	"
9	1 667 110.79	233 733.62	"
10	1 666 795.27	234 258.71	"
11	1 666 374.18	234 998.04	"
12	1 665 906.54	235 741.43	X'ing Tele. Cable
13	1 665 504.43	236 468.24	Pipeline
14	1 665 244.39	236 931.60	"
15	1 664 998.41	237 364.16	"
16	1 664 625.04	238 002.99	"
17	1 664 352.79	238 451.22	"
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33	1 659 470.94	246 676.67	Pipeline
34	1 659 089.22	247 350.90	"
35	1 658 762.22	247 846.15	"
36	1 658 582.45	248 122.42	℄ Riser Blk. 57 No. 1

SEG No. 3792

TRANSCONTINENTAL GAS PIPE LINE CORP.

ENGINEERING DEPARTMENT HOUSTON TEXAS

AS-BUILT 3 ½" NATURAL GAS PIPE LINE

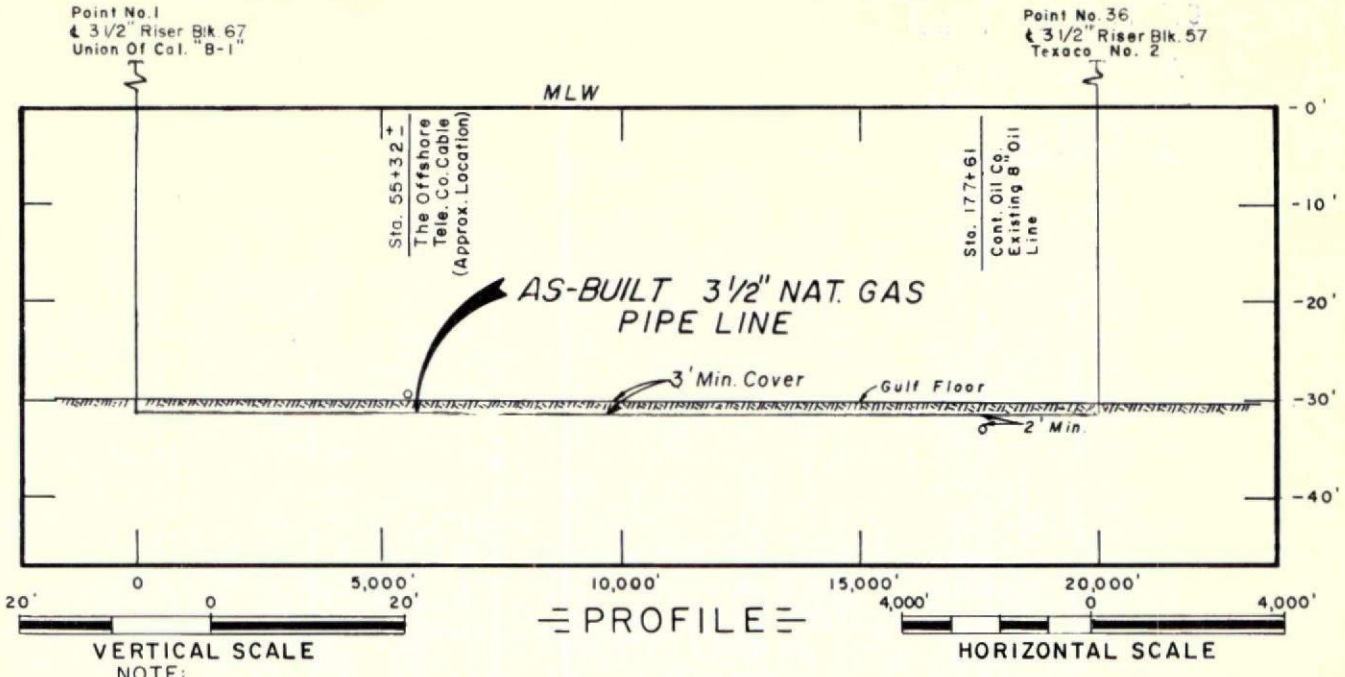
RIGHT OF WAY – GULF OF MEXICO

BLK. 67 TO BLK. 57 V.A., LOUISIANA

DRAWN BY ALM	DATE 4-21-75	APPROVED BY DW	DATE 4-23-75
CHECKED BY DW	DATE 4-22-75	APPROVED BY Benny W. Ingram ENGINEER	
APPVD BY DRAFTING CWW.	DATE 4-23-75		
W O NO 5152.35	SCALE None	GP.-G.U.N. 22-0600	
	SHEET 4 OF 4	DWG. NO. CE-A-010	

NO. | REVISION | BY | DATE

OCS-0647-C



NOTE:
THE SPOIL FROM ANY DREDGING WAS SPREAD SO AS NOT TO BE OVER ONE HALF A FOOT BUILD UP ABOVE THE ORIGINAL BOTTOM.

PRODUCT DATA

Product To Be Transported: GAS & CONDENSATE
Specific Gravity Of Natural Gas 0.65
Specific Gravity Of Condensate .75 *

SPECIFICATIONS

Design Pressure: 3100 P.S.I.G.(1)
Maximum Allowable Operating Pressure: 3100 P.S.I.G.(1)
Design Capacity for ΔP of: 339 P.S.I.G. 8 MMCF/D(2)
Pipe Test Pressure 5400 P.S.I.G.
Line Pipe: 3.5 " O.D. x .300 " W.T.
Wt. Per Ft. 10.25 lbs.
Pipe Grade API 5L GR.B
Protective Coating Used 60 mil X-TRU COAT

Bulk Specific Gravity 200 bl/day At .750
Type Corrosion Protection FORCED

(1) USA Standard Code Pressure Piping for Gas Transmission and Distribution Pipe Lines USA-B 31.8 & D.O.T. TITLE 49, SEC 192

(2) Upstream Pressure of 2300 P.S.I.G. Assumed.

* Compared with water at 60° F

OBSERVATION OF GULF BOTTOM

6-8" OF ORGANIC GRAYISH CLAY MIXED WITH SMALL SHELL FRAGMENTATIONS WITH UNDERLYING LAYERS OF FINE SAND

NOTES

1 This pipeline is being used to transport Natural Gas from Louisiana to the New York Metropolitan Area
2 As-Built Permanent right of way 200' wide
3 Course and distance based on La. Lambert Grid (South Zone)

NO	DATE	REVISION	BY
3	4-18-75	Revised To As-Built	ALM
2	1126-74	Added Sheet 4	ALM
1	10-17-74	Rev. Well Loc	WC

TRANSCONTINENTAL GAS PIPE LINE CORP.

ENGINEERING DEPARTMENT HOUSTON TEXAS

AS-BUILT 3 1/2" NATURAL GAS PIPE LINE
RIGHT OF WAY — GULF OF MEXICO
BLK 67 TO BLK 57 V.A. LOUISIANA

DRAWN BY JCORDER DATE 8-74 APPROVED BY [illegible] DATE 9/27/74
CHECKED BY DW DATE 8-30-74 APPROVED BY [illegible]
APPVD BY DRAFTING CWW DATE 8-30-74 ENGINEER
W O NO 5152.35 SCALE NOTED GP-G.U.N. 22-0600
SHEET 3 OF 4 DWG. NO. CE-A-010

2883 (400)

OCS 0647-C
Vermilion Area

February 7, 1975

DECISION

Transcontinental Gas Pipe Line Corporation — Right-of-Way

Application Approved

The above application was filed for approval on October 21, 1974, pursuant to Sec. 5(c) of the Outer Continental Shelf Lands Act of August 7, 1953 (67 Stat 462) and the regulations promulgated thereunder (43 CFR 2883).

The application is for a right-of-way 200 feet in width for the purpose of constructing, operating and maintaining a three and one-half inch (3-1/2") natural gas pipeline beginning at Union Oil Company of California "B-1" platform in Block 67, Vermilion Area, and extending through Block 66 to Texaco No. 1 platform in Block 57, Vermilion Area, Offshore Louisiana, a distance of 3.78 miles, as shown on Drawing CE-A-010 filed with the application.

The pipeline is to be laid at a depth of not less than three feet below the bed of the waterway to the minus 200-foot contour and on the bed of the waterway in water depths exceeding 200 feet. Valves and taps are to be buried at all water depths.

Proof of the notification of lessees affected by the subject right-of-way has been furnished.

The applicant has further consented to the stipulations regarding non-discrimination in employment, which are hereby made a part of this permit.

The application has been found to be in proper form and in accordance with 43 CFR 2883.2-1. The qualifications of the company and the authority of the signing officer are of record at this office.

The annual rental for the pipeline is $20.00. Operator submitted two checks totaling $30.00 to cover rental for 1975 and the required application fee of $10.00.

Accordingly, the application is hereby approved and the right-of-way granted.

Proof of construction of the pipeline authorized hereunder should be submitted in accordance with 43 CFR 2883.2-3(a).

John L. Rankin
Manager

cc: Geological Survey w/dwgs.

OPTIONAL FORM NO. 10
JULY 1973 EDITION
GSA FPMR (41 CFR) 101-11.6

UNITED STATES GOVERNMENT

Memorandum

RECEIVED
FEB 6 8 49 AM '75
BUR. OF LAND MGMT.
OUTER CONTINENTAL
NEW ORLEANS, LA.

TO : Manager, Gulf of Mexico OCS - BLM **DATE:** January 30, 1975

THROUGH: Conservation Manager, Gulf of Mexico OCS Operations

FROM : Acting Oil and Gas Supervisor, Production Control, Gulf of Mexico Area

SUBJECT: Transcontinental Gas Pipe Line Corporation's Application Dated October 17, 1974

We have reviewed the safety features and design specifications for Transcontinental Gas Pipe Line Corporation's application for the installation of a 3½-inch gas/condensate pipeline from well No. 1, Vermilion Block 57, OCS 0554 to Platform "B", Vermilion Block 67, OCS 0560 for compliance with the requirements of OCS Order No. 9.

Design characteristics of this pipeline are:

Pipeline Nomenclature	Maximum Allowable Pressure/WP Ratings
Submerged component	4,320 psig
Riser component	3,600 psig
Piping, flanges, fittings, and valves	3,600 psig

Static hydro-pressure test will be 4,650 psig for 8 hours. The maximum allowable pressure of this pipeline is 3,600 psig and shall not be exceeded except when static hydro-pressure testing the pipeline.

The proposed installation of this pipeline meets the design requirements of OCS Order No. 9.

We would appreciate receiving a copy of the completion report, consisting of the following:

1. A plat showing the location of the pipeline as installed.
2. Static hydro-pressure test report giving the test procedure, test pressure, hold time, and results.

Louis E. McBee

cc: Lake Charles District
1.35f - Transcontinental Gas Pipe Line Corp. (w/orig application)
Drafting (w/cy of location plat)
CM File
PC File

Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

5010-110

JJSpokes:pat

PL-172

UNITED STATES GOVERNMENT

Memorandum

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

IN REPLY REFER TO:

2883 (400)

To : Conservation Manager, Gulf of Mexico OCS Operations - G.S.

Date: December 5, 1974

From : Manager, Gulf of Mexico OCS - BLM

Subject : Transcontinental Gas Pipe Line Corporation Pipeline R/W Application

In accordance with the memorandum of understanding between the BLM and GS signed August 1, 1974, the subject application is attached.

Please review the technical aspects of the proposed pipeline.

Attachment

NOTED
DEC 9 1974
L. G. HAMMONS

NOTED - LOWENHAUPT

NOTED - EVANS

NOTED - McBEE

P-1541-1
April 1973

TRANSCONTINENTAL GAS PIPE LINE CORPORATION

TRANSCO TOWER
2700 SOUTH POST OAK
HOUSTON, TEXAS

MAILING ADDRESS:
P. O. BOX 1396
HOUSTON, TEXAS 77001

TELEPHONE NO.
626-8100
AREA CODE 713

December 3, 1974

Mr. John L. Rankin, Manager
The U. S. Department of the Interior
Bureau of Land Management
P. O. Box 53226
New Orleans, Louisiana 70153

Re: Proposed 3-1/2" Natural Gas Pipe Line, Blocks 57, 66 and 67, Vermilion Area, Offshore Louisiana, Gulf of Mexico
OCS 0647-C P/L R/W La.
Transco's Line 2-101-24-15

Dear Mr. Rankin:

Reference is made to our application of October 17, 1974, for the above subject pipe line. As per your Notice of November 11, 1974, and our Engineering Department's conversation with Mr. Robert Brock and Mr. Homer Benton, the following is being furnished in support of our application:

1. Two prints of drawing showing safety devices to be installed by Texaco, Inc. Since Transcontinental will construct the pipe line from riser to riser, these devices will be furnished by Texaco at their facilities.

2. Two sets of Drawing No. CE-A-010, Sheets 1 thru 4, showing on sheet No. 4 the existing cathodic protection groundbed at the Union Oil of California "B-1" Platform which will protect the proposed pipe line.

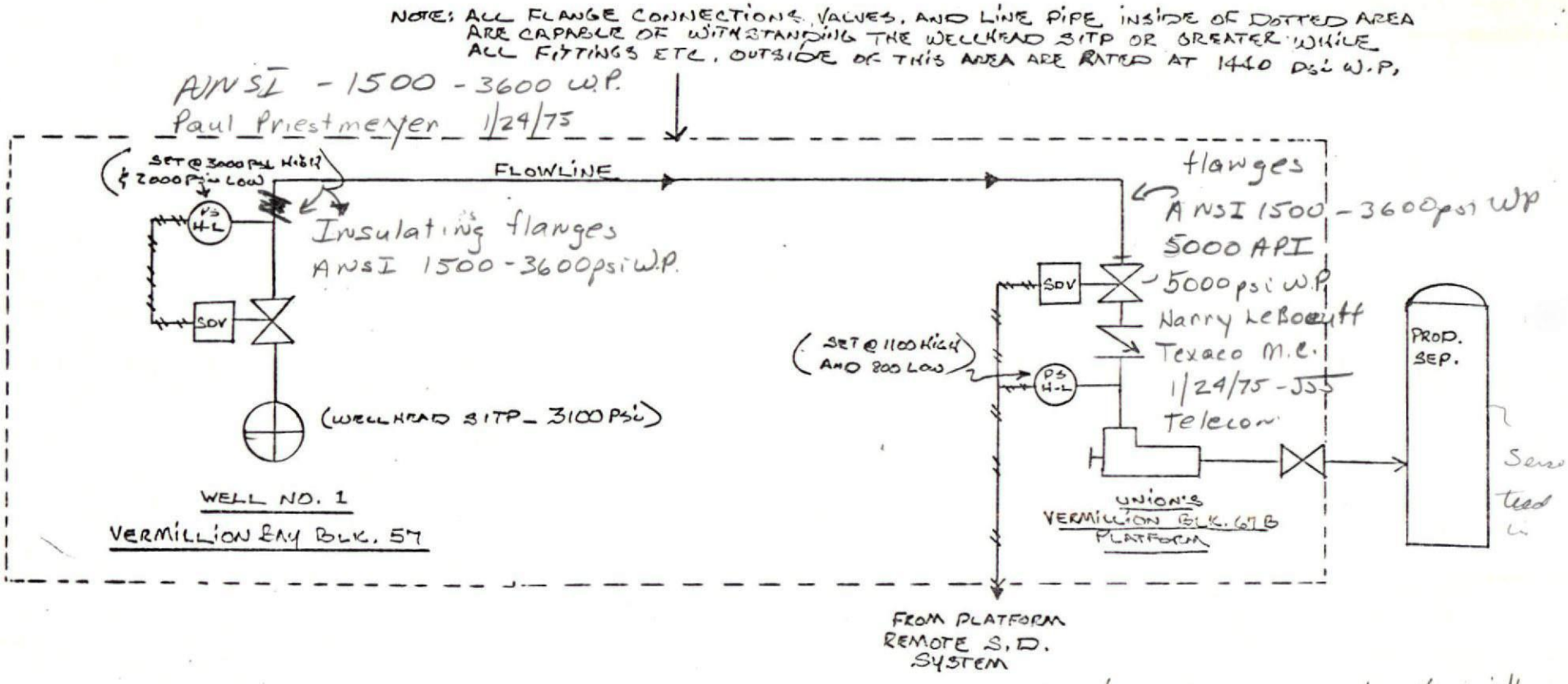
Please be advised that Mr. C. T. Rosebrugh, our Chief Engineer, Area Code 713, 626-8100, should be contacted on technical points.

Trusting that the attached contains sufficient information for you to grant the requested right of way, I remain,

Yours very truly,

J. A. Rexer
Assistant Manager, Land Department

JAR:jl
Attachments



static hydro-pressure test will 4,650 psig for 8hours.

TEXACO INC.
MORGAN CITY, LOUISIANA
SCHEMATIC OF SAFETY DEVICES
FOR
VERMILLION BAY BLK. 57 WELL #1
DRAWN BY JPP 11/20/74

Phone log No. 172

P/L APPLICATION CHECK LIST

INSTRUCTIONS: Check the blank on the left if the statement is affirmative or correct data submitted. Mark N/A (not applicable) where appropriate. Place an X in the blank if the answer is no or if the data was not submitted. All blanks marked X must be rectified to a check (or qualified) before approval can be given for the pipeline. Enter data in the blanks on the right.

A. Verify the following general information:

N/A 1. The applicant is a Federal lease holder. (If the applicant is not a lessee and the line is to be a common carrier, return the application with instructions for the applicant to apply to the BLM).

N/A 2. The pipeline is within the lease boundary owned by the operator.

____ a. If another operator has an existing pipeline traversing the proposed route, do we have a copy of the lessee's "intent to cross" letter?

N/A 3. The pipeline is within contiguous lease boundaries. (Include 30 CFR 250.18c in approval)

N/A 4. The lessee's proposed pipeline will traverse non-contiguous lease boundaries. (Include 30 CFR 250.18c in approval)

____ a. We have transmitted a copy of the application to BLM pursuant to MOU, paragraph 2, and have received a written review approval from them.

B. Verify that the information shown on the safety equipment schematic drawing contains the following:

✓ 1. The pipeline leaving the platform receiving production from the platform is equipped with high and low pressure sensors, properly tied into the automatic fail close valve, to directly or indirectly shut-in the well or wells on the platform.

✓ 2. The pipeline delivering production to production facilities on the platform is equipped with an automatic fail close valve tied into the automatic and remote shut-in system and operated by production vessels shut-in sensors.

✓ 3. The pipeline boarding the platform is equipped with a check valve.

N/A 4. The pipeline crossing the platform which does not deliver production to the platform, but which may or may not receive production from the platform , is equipped with high and low pressure sensors connected to an automatic fail close valve located in the upstream portion of the pipeline at the platform. In addition, the sensors are tied into either the platform's automatic and remote shut-in system or an independent automatic and remote shut-in system.

NA 5. The pipeline pump is shown as well as its associated high and low pressure shut-in device.

✓ 6. Pressure source is drawn into the schematic. (If the well pressure is the source, show the wells in the drawing. If a separator pressure is the source, show the separator in the drawing.) If a pump is the pressure source, show the pump in the drawing.

✓ 7. The maximum pressure of the source is shown on the drawing. (The anticipated or known SITP if a well, the rated WP if a separator, etc.)

OK 8. The rated working pressures of all separators, pumps, compressors, valves, flanges, and fittings upstream of and including the boarding automatic fail close valve are shown.

✓ 9. The location of the choke is shown or a statement as to its location is given.

C. Verify that the location plat depicts the following:

✓ 1. Location of P/L.

✓ 2. Water depth.

✓ 3. Route of P/L.

✓ 4. Length of P/L.

5. Burial depth.

✓ 6. Size of P/L.

✓ 7. Type of service.

✓ 8. Direction of flow.

D. Verify that the information given on the submitted data sheet is complete and correct.

✓ 1. Product to be transported. Nat gas / Cond

✓ 2. Size, weight, grade and wall thickness of P/L 3.5" 10.25#/ft Gr.B .3" WT
Size, weight, grade and wall thickness of P/L 3.5" 10.25#/ft Gr.B .3" WT

✓ 3. Length of line. 20,016.98'

✓ 4. Maximum water depth. 30'

✓ 5. Type of corrosion protection (platform anodes, P/L anodes, or rectifier). Rectifier

If platform anodes are used:

NA a. Type of anode _____
NA b. Weight of unit anode _____

If P/L anodes are used:

NA a. Type of anode. _____

NA b. Spacing interval. _____

NA c. Weight of unit anode given by operator. _____

✓ 6. Description of protective coating. 60mil X-Tru Coat

If P/L is weighted with concrete:

NA a. Density of concrete. _____

NA b. Thickness of concrete. _____

NA c. Thickness of asphaltmastic. _____

✓ 7. Given specific gravity. _____ cond/gas

✓ 8. Gravity or density of product. .75/.65

✓ 9. MWP. 3100 What is the source? SITP

✓ 10. MOP and capacity. ≤3100psi 200bbl/day

✓ 11. Hydrostatic pressure and hold time. 4650psi 8hours

E. Calculations and deductions:

1. IPOMYS for submerged pipeline = $\frac{2\ s\ t}{D}$ = $\frac{2(35{,}000)(.3)}{3.5}$ = 6,000

MAPsc 2. .72 (IPOMYS) (for submerged pipeline) = 4320

3. IPOMYS for riser = $\frac{2\ s\ t}{D}$ = $\frac{2(35{,}000)(.3)}{3.5}$ = 6,000

MAPrc 4. .60(IPOMYS) (for riser) = 3600

MAP pfv 5. Minimum WP rating of piping, fitting, and valves = ≥ 3100psig

✓ 6. Are 2, 4, and 5 ≥ MWP? 3600 ≥ 3100 ?

NOTE: If no, a departure is necessary requiring redundant safety equipment.

NA a. A written request for a departure has been received and the redundant safety equipment is satisfactory.

✓ 7. Is: 1.25 MWP $\leq$ HTP $\leq$ .9 (IP@SMYS for smaller IP of 1 and 3 above)?
3875 $\leq$ 9650 $\leq$ .9(6000) = 5400

NOTE:
If the answer is no, inquire of the operator as to what he considers a limit of te testing as a percentage of IP@SMYS.

Operator's answer: _____ % of IP@SMYS (for smaller IP).

8. HTP/1.25 = 4320 psi

$IP_{p/l}$ 9. $MAP_{p/l}$ = the smallest of 2, 4, 5, and 8 above.

$MAP_{p/l}$ = 3600 psi

10. SG (for epoxy coated P/L) = 2.865 W/D^2. $\frac{2.86 = (10.31)\ \#/ft}{(3.5)^2} = 2.41$

NOTE: If weighted P/L, refer to supplement.

✓ a. Is our calculated SG $\tilde{=}$ operator's given SG?

2.39 $\tilde{=}$ _____

NOTE: These values should be approximately the same. If not, resolve. If the SG is close to a value of 1, the pipeline is unacceptable and must be weighted with concrete or anchored securely to the bottom.

✓ 11. Corrosion Protection

a. If Platform Anodes are used, are they considered adequate? _____

b. If Pipeline Anodes are used:

$LE_{p/l} = 3.82 \times 10^4 \times W^o/DIR^2$ = _____

Is our calculated Life Expectancy $\geq$ 20 years? _____

Rectifier — adequate.

TRANSCONTINENTAL GAS PIPE LINE CORPORATION
TRANSCO TOWER
2700 SOUTH POST OAK
HOUSTON, TEXAS

MAILING ADDRESS:
P. O. BOX 1396
HOUSTON, TEXAS 77001

TELEPHONE NO.
626-8100
AREA CODE 713

October 17, 1974

Mr. John L. Rankin, Manager
U. S. Department of the Interior
Bureau of Land Management
The Plaza Tower Building
1001 Howard Avenue
P. O. Box 53226
New Orleans, Louisiana 70153

Re: Proposed 3-1/2" Natural Gas Pipe Line
Blocks 57, 66 and 67, Vermilion Area
Offshore Louisiana, Gulf of Mexico

Dear Mr. Rankin:

Pursuant to the authority granted in Section 5(c) of the Outer Continental Shelf Act of August 7, 1953, (67 Stat. 462) and in compliance with Regulations contained in Title 43, Public Lands: Interior Part CFR 2883 Rights of Way for Pipe lines on the Outer Continental Shelf, Transcontinental Gas Pipe Line Corporation hereby makes application in duplicate for a right of way to construct, operate and maintain:

> A three and one-half inch (3-1/2") natural gas pipe line beginning at Union Oil Company of California "B-1" platform in Block 67, Vermilion Area and extending 19,941.06 feet in a northwesterly direction through Block 66 to Texaco No. 1 platform in Block 57, Vermilion Area, Offshore Louisiana, Gulf of Mexico.

The three and one-half inch (3-1/2") pipe line will be used to gather and transport natural gas from beneath the Gulf of Mexico to the New York Metropolitan Area and intermediate points. The tentative construction date of the project is November 25, 1974. It is anticipated that the jet dredge method of construction will be used and the proposed pipe line will be buried in the bottom of the Gulf.

Transcontinental Gas Pipe Line Corporation has previously filed all necessary papers as required. Our present qualifications are

filed in your New Orleans Miscellaneous File No. 011.

In support of this application, we attach hereto the following:

1. Check Number 369761 in the amount of $20.00 covering the first year's annual rental (based on $5.00 per mile or fraction thereof, for 3.78 miles).

2. Check Number 369760 in the amount of $10.00 covering the application fee.

3. Non-Discrimination in Employment Form.

In accordance with 43 CFR 2234.5-3, Transcontinental Gas Pipe Line Corporation has this date, by registered mail, forwarded a copy of this application with Drawing CE-A-010, in 3 sheets, to each of the following companies having a leasehold interest in the blocks crossed by the proposed pipe line.

BLOCK 67

Union Oil Company of California	OCS 0559 (N2)
Union Oil Company of California	OCS 0560 (S/2)
Tenneco, Inc.	OCS 2121 (P.L. R/W)
Columbia Gulf Transmission Co.	(P.L. R/W)

BLOCK 66

Union Oil Company of California	OCS 0557(N/2)
Sun Oil Company	OCS 0557
Marathon Oil Company	OCS 0557

BLOCK 57

Texaco, Inc.	OCS 0554

Upon granting of the right of way, Transcontinental Gas Pipe Line Corporation agrees to abide by the terms and conditions of the

aforementioned U. S. Government Regulations.

If the above and attached information meets with your approval, we would appreciate your issuing the necessary permit at your earliest convenience.

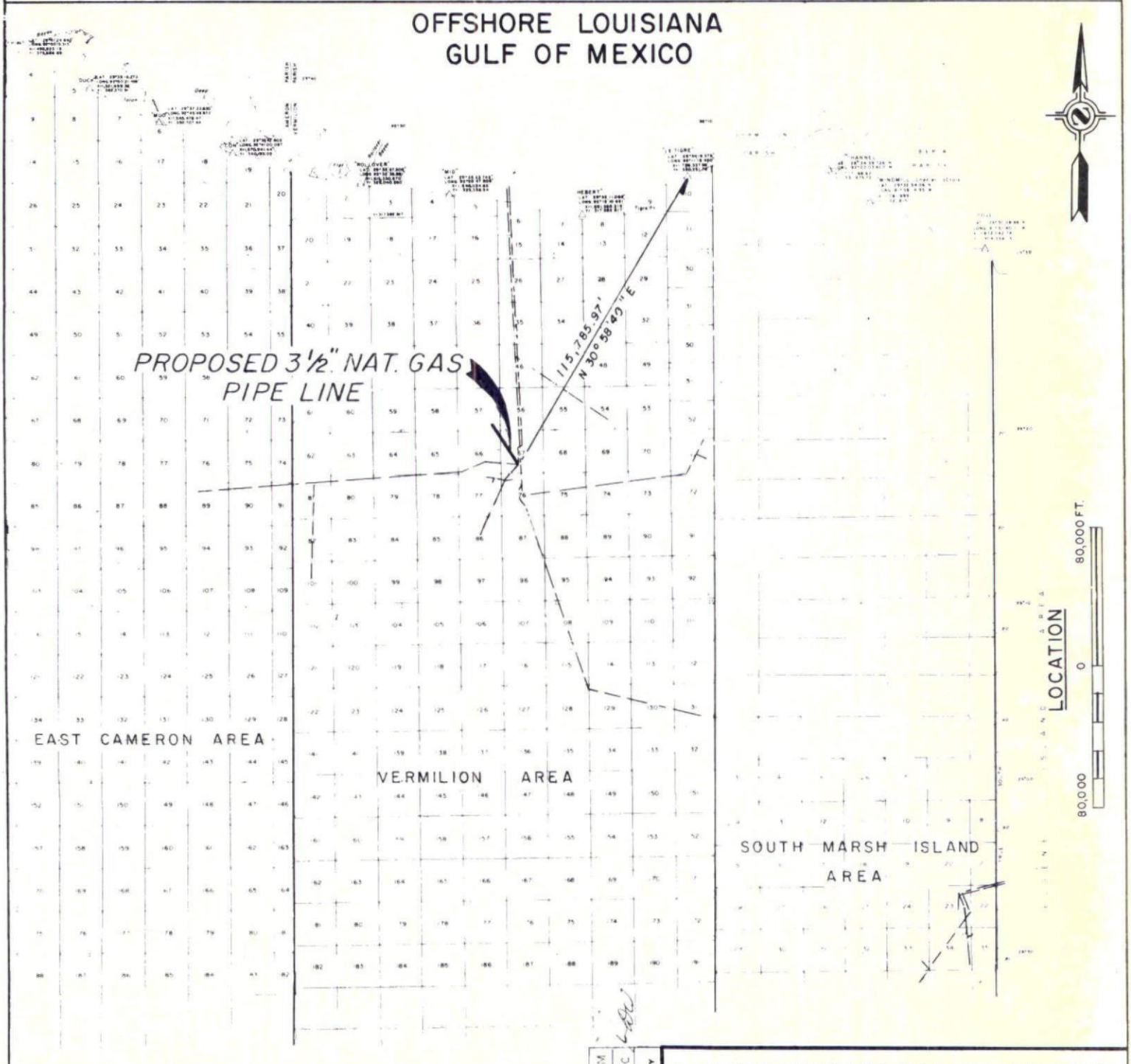
Yours very truly,

TRANSCONTINENTAL GAS PIPE LINE CORPORATION

By Lawrence H. Gall
Vice President

cc: Union Oil Company of California
Tenneco, Inc.
Columbia Gulf Transmission Co.
Sun Oil Company
Marathon Oil Company
Texaco, Inc.

OFFSHORE LOUISIANA
GULF OF MEXICO



EXISTING TRANSCO FACILITIES

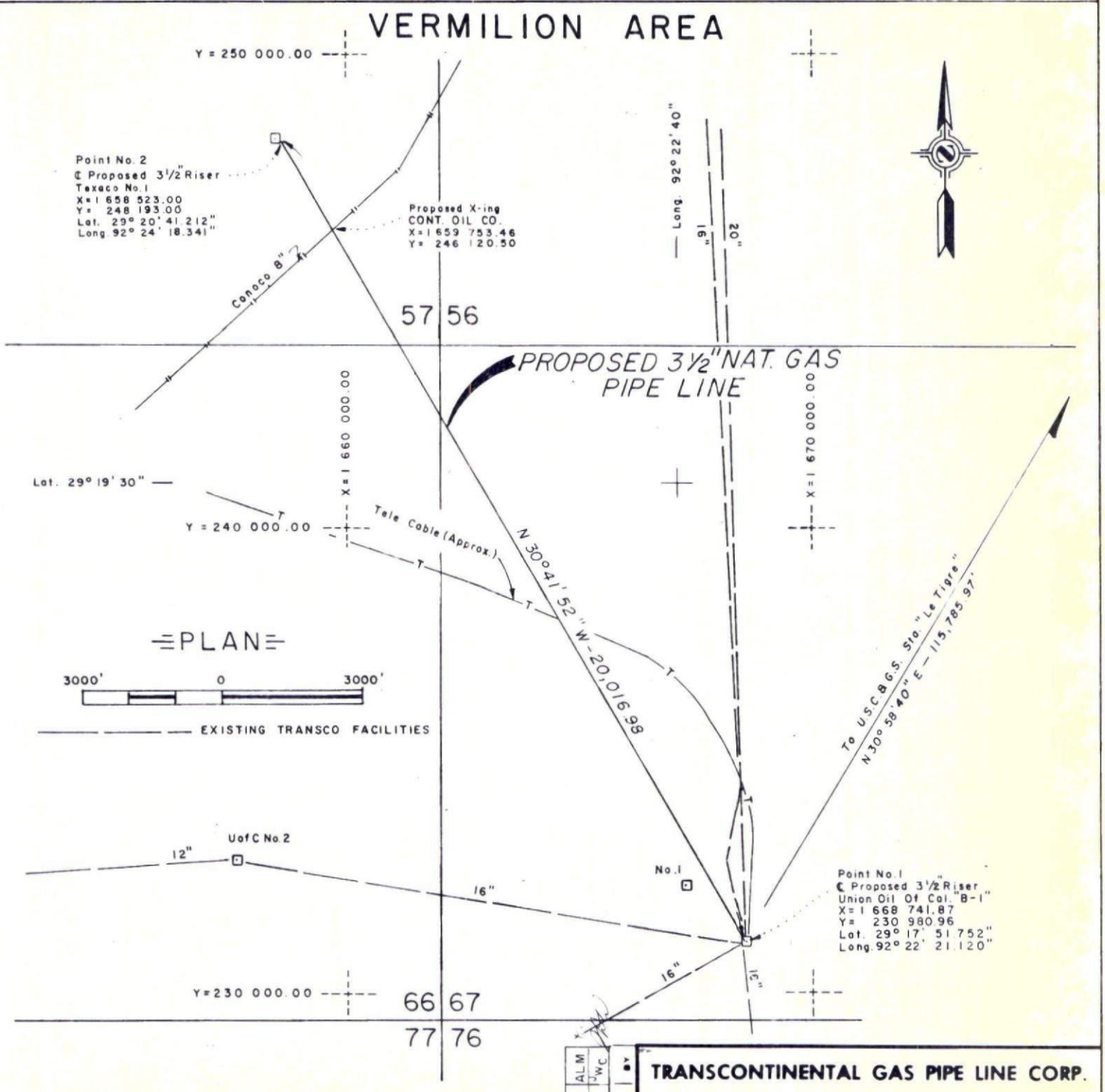
NO.	DATE	REVISION	BY
2	11-26-74	Added Sheet 4	ALM
1	10-17-74	Rev Well Loc	V.W.C

TRANSCONTINENTAL GAS PIPE LINE CORP.

ENGINEERING DEPARTMENT — HOUSTON, TEXAS

PROPOSED 3½" NATURAL GAS PIPE LINE
RIGHT OF WAY – GULF OF MEXICO
BLK 67 TO BLK 57 V.A., LOUISIANA

DRAWN BY JCORDER	DATE 8-74	APPROVED BY [illegible]	DATE 9/27/74
CHECKED BY JDW	DATE 8-30-74	APPROVED BY	
APPVD BY / DRAFTING CWW	DATE 8-30-74		ENGINEER
W O NO 5152.35	SCALE NONE	GP-GUN	22-C 600
	SHEET 1 OF 4	DWG. NO.	C.E.-A-010



NO.	DATE	REVISION	BY
2	11-26-74	Added Sheet 4	ALM
1	10-17-74	Rev Well Loc.	JWC

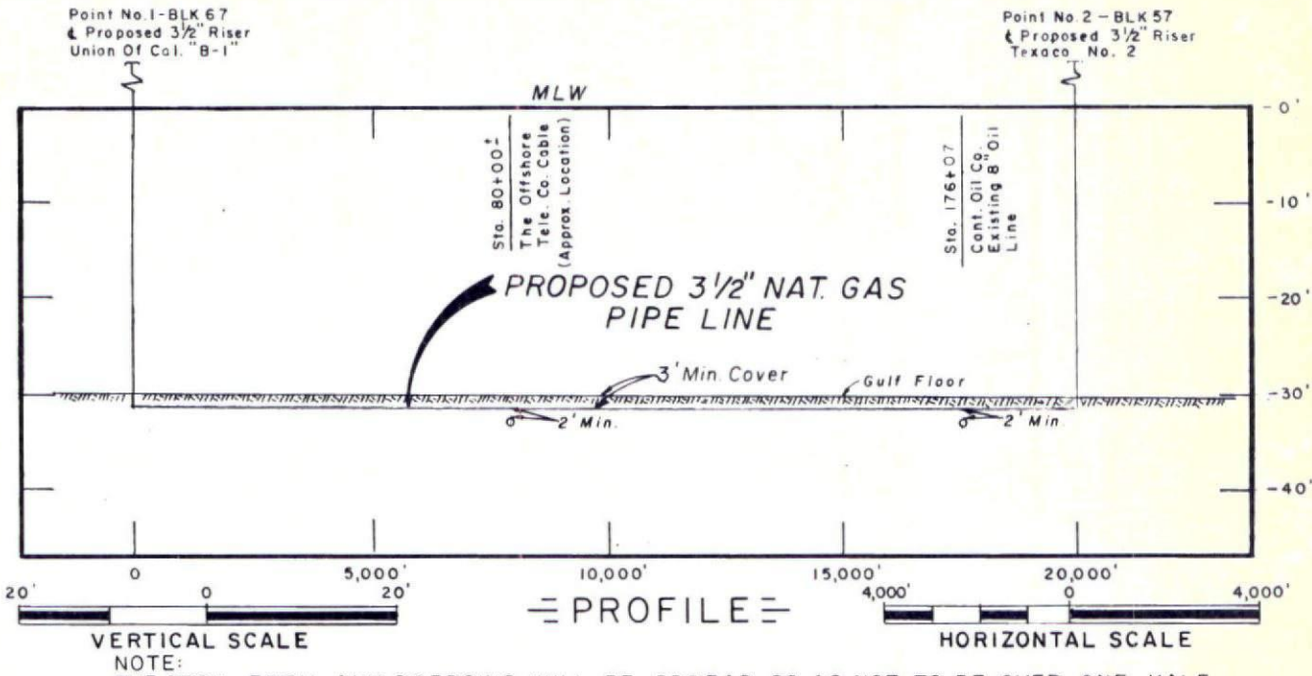
TRANSCONTINENTAL GAS PIPE LINE CORP.

ENGINEERING DEPARTMENT — HOUSTON TEXAS

PROPOSED 3½" NATURAL GAS PIPE LINE
RIGHT OF WAY – GULF OF MEXICO
BLK 67 TO BLK 57 V.A. LOUISIANA

DRAWN BY Jcorder	DATE 8-74	APPROVED BY EM	DATE 9/27/74
CHECKED BY JDW	DATE 8-30-74	APPROVED BY	
APPVD BY / DRAFTING CWW	DATE 8-30-74		ENGINEER
W O NO 5152.35	SCALE NOTED	GP-G.U.N. 22-0600	
	SHEET 2 OF 4	DWG. NO. CE-A-010	

9-27-74 — DATE
C. T. Roseburgh — CHIEF ENGINEER
4650 — NUMBER



NOTE:
THE SPOIL FROM ANY DREDGING WILL BE SPREAD SO AS NOT TO BE OVER ONE HALF A FOOT BUILD UP ABOVE THE ORIGINAL BOTTOM.

PROPOSED 3½" FROM UNION OF CAL."B-1" BLK67 TO TEXACO NO.1 BLK 57

PT.	BEARING	DISTANCE	REMARKS	X	Y
1			RISER AT 67"B-1"	1 668 741.87	230 980.96
1-2	N 30°41'52"W	20,016.98'	RISER AT 57 NO.1	1 658 523.00	248 193 00
	TOTAL	20,016.98'			

PRODUCT DATA

Product To Be Transported: GAS & CONDENSATE
Specific Gravity Of Natural Gas 0.65
Specific Gravity Of Condensate .75 *

SPECIFICATIONS

Design Pressure: 3100 P.S.I.G.(1)
Maximum Allowable Operating Pressure: 3100 P.S.I.G.(1)
Design Capacity for ΔP of: 339 P.S.I.G. 8 MMCF/D(2)
Pipe Test Pressure 5400 P.S.I.G.
Line Pipe: 3.5 "O.D. x .300 "W.T.
Wt. Per Ft. 10.25 lbs.
Pipe Grade API 5L GR.B
Protective Coating Used 60 mil X-TRU COAT

Bulk Specific Gravity 200 bl/day At .750
Type Corrosion Protection FORCED

(1) USA Standard Code Pressure Piping for Gas Transmission and Distribution Pipe Lines
USA-B 31.8 & D.O.T. TITLE 49, SEC 192

(2) Upstream Pressure of 2300 P.S.I.G. Assumed.

* Compared with water at 60° F

OBSERVATION OF GULF BOTTOM

6-8" OF ORGANIC GRAYISH CLAY MIXED WITH SMALL SHELL FRAGMENTATIONS WITH UNDERLYING LAYERS OF FINE SAND

NOTES

1 This pipe line will be used to transport Natural Gas from Louisiana to the New York Metropolitan Area
2 Proposed permanent right of way 200' wide
3 Course and distance based on La Lambert Grid (South Zone)

NO	DATE	REVISION	BY
2	11-26-74	Added Sheet 4	ALM
1	10-7-74	Rev Well Loc	JWC

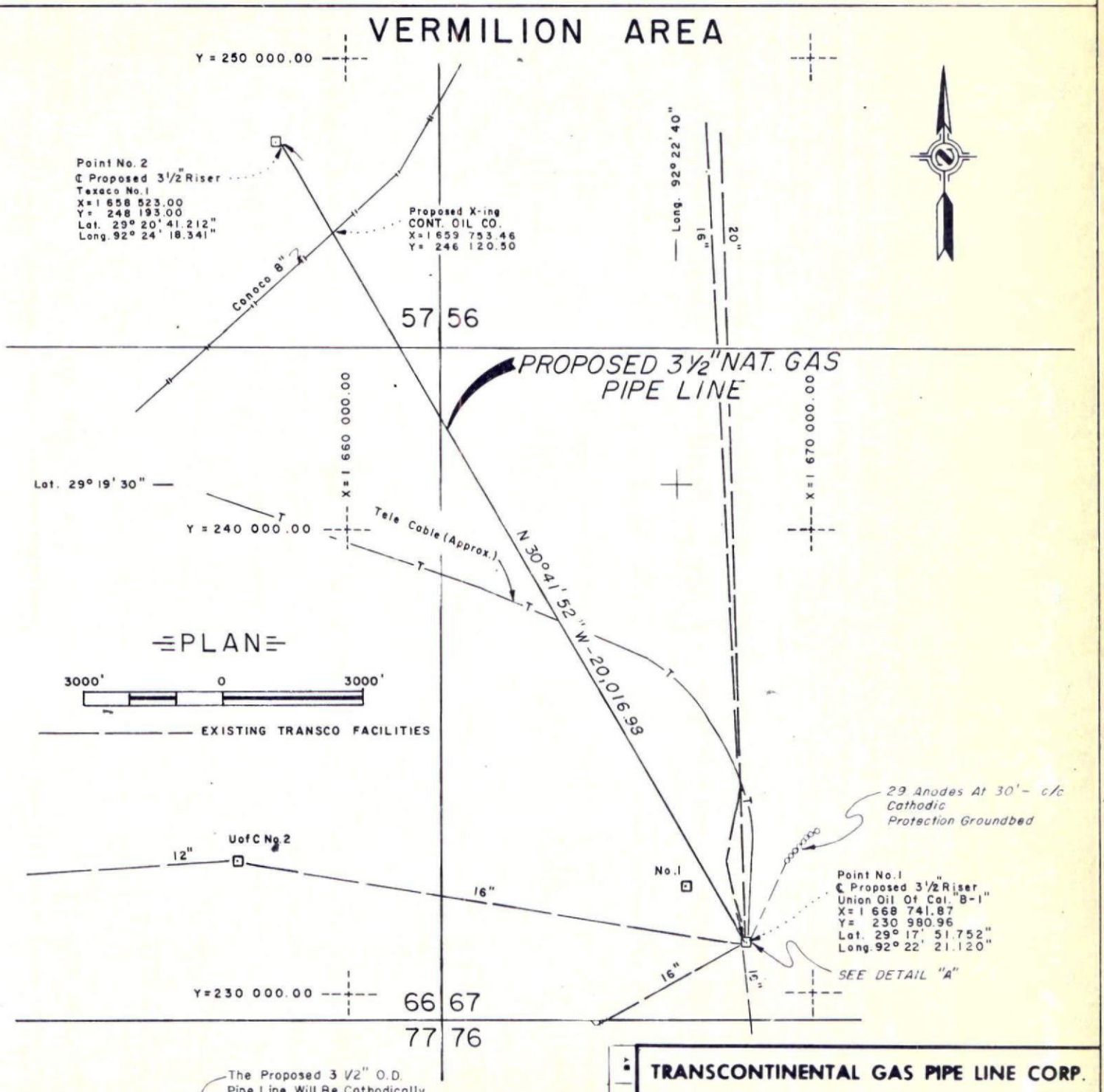
TRANSCONTINENTAL GAS PIPE LINE CORP.

ENGINEERING DEPARTMENT HOUSTON TEXAS

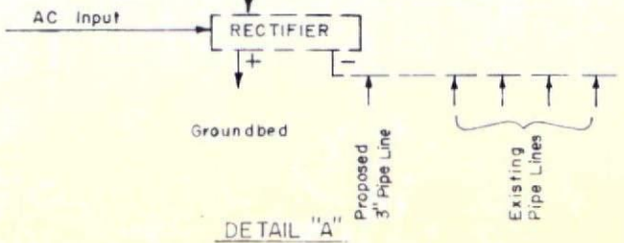
PROPOSED 3½" NATURAL GAS PIPE LINE
RIGHT OF WAY – GULF OF MEXICO
BLK 67 TO BLK 57 V.A. LOUISIANA

DRAWN BY JCORDER	DATE 8-74	APPROVED BY	DATE 9/27/74
CHECKED BY DW	DATE 8-30-74	APPROVED BY	
APPVD BY DRAFTING CWW	DATE 8-30-74	Henry N. Corpman ENGINEER	
W O NO 5152 35	SCALE NOTED	GP-G.U.N. 22-0600	
	SHEET 3 OF 4	DWG. NO. CE-A-010	

VERMILION AREA



The Proposed 3 V2" O.D. Pipe Line Will Be Cathodically Protected By The Existing Rectifier And Groundbed.



DETAIL "A"

TRANSCONTINENTAL GAS PIPE LINE CORP.

ENGINEERING DEPARTMENT HOUSTON TEXAS

PROPOSED 3½" NATURAL GAS PIPE LINE
RIGHT OF WAY – GULF OF MEXICO
BLK 67 TO BLK 57 V.A. LOUISIANA

DRAWN BY Jcorder	DATE 8-74	APPROVED BY [illegible]	DATE 9/27/74
CHECKED BY	DATE	APPROVED BY	ENGINEER
APPVD BY DRAFTING CWW	DATE 8-30-74		
W O NO 5152.35	SCALE NOTED	GP-G.U.N. 22-0600	
	SHEET 4 OF 4	DWG. NO. CE-A-010	

NO | DATE | REVISION | BY

0647-C
647-C

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P. O. BOX 60267
NEW ORLEANS, LOUISIANA 70160

RECEIVED

LMNOD-SP (Gulf of Mexico)649

7 October 1974

PUBLIC NOTICE

Interested parties are hereby notified that application has been received by the District Engineer for a Department of the Army permit to authorize the following:

PIPELINE IN THE GULF OF MEXICO

Name of applicant: TRANSCONTINENTAL GAS PIPE LINE CORPORATION, P.O. Box 1396, Houston, Texas 77001.

Location of work: In the Gulf of Mexico, central to a point about 23 miles southerly from Pecan Island, Louisiana, off VERMILION PARISH. The pipeline is to extend from an existing platform in block 67, Vermilion Area, which is S. 30°58'34" W., 115,786 feet from US Coast and Geodetic Survey Station "LE TIGRE," at latitude 29°17'52" and longitude 92°22'21", N. 30°50'14" W., 19,941 feet to an existing platform in block 57, at latitude 29°20'40" and longitude 92°24'18".

Character of work: Installation and maintenance of a 3½-inch gas pipeline. The pipeline is to be laid at a depth of not less than 3 feet below the bed of the waterway.

The work covered by this application has been considered in environmental impact statements prepared by the US Department of the Interior.

Plans for the proposed work are now on file in Office of the District Engineer, US Army Engineer District, New Orleans, Foot of Prytania Street, New Orleans, Louisiana, and may be seen by anyone having interest in the matter. Protests to the proposed work, suggestions for modification thereof or objections to it, stating reasons therefor, will be received up to and including 22 OCTOBER 1974.

LMN FL 734-1
26 May 70

The decision as to whether a permit will be issued will be based on an evaluation of the impact of the proposed work on navigation and national security.

You are requested to communicate the information contained in this letter to any other parties whom you deem likely to have interest in the matter.

E. R. HEIBERG III
Colonel, CE
District Engineer