

In Reply Refer To: GE 1035A

March 9, 2012

Mr. Gregory P. Bilinski
Texas Eastern Transmission, LP
Post Office Box 1642
Houston, Texas 77251-1642

Dear Mr. Bilinski:

Reference is made to the following application that has been reviewed by this office:

Application Type: Right-of-Way Relinquishment and Pipeline Decommissioning
(Complete)

Application Date: March 1, 2012

Work Description: Relinquish right-of-way OCS-G01950P in its entirety and decommission pipeline in place.

Segment Number	Size (inches)	Length (feet)	Service	From	To
3743	30	69442	Gas	Flanged End East Cameron Area Block 281	TETCO Valve East Cameron Area Block 245

Assigned Right-of-Way Number: OCS-G01950P

Effective Date of Expiration: May 6, 2011

Since the pipeline is placed out of service since February 8, 2011, and no cessation of operation request is in place, the right-of-way No. OCS-G01950P is deemed to have expired effective May 6, 2011, pursuant to 30 CFR 250.1014. Hence, your request to relinquish the right-of-way cannot be considered.

In accordance with 30 CFR 250.1751, your request to decommission this pipeline is hereby approved, and in accordance with 30 CFR 1010 (h), the requirement that the pipeline be removed is hereby waived.

You must cease transporting hydrocarbons through this pipeline immediately and complete the aforementioned decommissioning operations within 180 days of the date of this letter.

Please be reminded that this office must be notified within 30 days of the completion of decommissioning operation with the date the operation was completed and with an indication that the decommissioning was completed in accordance with the approved procedure.

Sincerely,

BIMAL SHRESTHA

Nick Wetzel
Regional Supervisor
Regional Field Operations

bcc: 1502-01 Segment No. 3743 with application (MS5232)
1502-01 ROW OCS-G01950P (Scanning) (MS 5033)
Bshrestha: Segment No. 3743

TEXAS EASTERN TRANSMISSION, LP
5400 Westheimer Court
Houston, TX 77056-5310
713.627.5400 main

Mailing Address:
P.O. Box 1642
Houston, TX 77251-1642



March 1, 2012

Mr. Alex Alvarado
Pipeline Unit Supervisor
Bureau of Safety and Environmental Enforcement
1201 Elmwood Park Blvd.
Mail Stop 5232
New Orleans, LA 70123-2394

RE: **Relinquish and Decommission a ROW Pipeline**
Texas Eastern Transmission, LP Pipeline Number: 41-A-7
BSEE Segment Number: 3743
BSEE ROW Number: G01950P
BSEE Originating Area Code: EC
BSEE Originating Block Number: 281
BSEE Receiving Area Code: EC
BSEE Receiving Block Number: 245

Dear Mr. Alvarado,

In accordance with the 30 CFR 250 Subpart Q, Paragraph 250.1751 (2006), Texas Eastern Transmission, LP (TETLP), formerly known as Texas Eastern Transmission Corporation, respectfully requests approval to relinquish and decommission in place approximately 13.15 miles (69,442 feet) of 30-inch pipeline extending from the East Cameron Block 281 subsea flange (X= 1,475,047.40 and Y= -108,618.16) to the East Cameron Block 245 Platform (X= 1,471,595.57 and Y= -39,453.96). This section of pipeline last flowed gas in February 2011 and is a DOT jurisdictional line operated and maintained in accordance with Title 49 CFR Part 192.

Scope of Work:

- At the East Cameron Block 281 subsea flange location, close 30" Ball Valve #41-A-7-20, open 2" Ball Valve #41-A-7-9, and open 2" Ball Valve #41-A-7-16 to bleed pressure off the end section of the 30" pipeline.
- After the pressure in the 30" pipeline is reduced to 0 psig, disconnect the 30" flanged connection downstream of 30" Ball Valve #41-A-7-20 and retrieve the end section of the 30" pipeline to the surface. Then install a 30" sphere launcher loaded with one 30" sphere at the flanged connection. All bolts and flanges will be tensioned to Company specifications.
- At the East Cameron Block 245 Platform, partially close (25%) 30" Ball Valve #41-A-77 and position other platform valving, as required, in preparation to receive the sphere in the 30" pipeline.
- After the 30" sphere launcher is installed at East Cameron Block 281 and all valves are in the correct position to receive the sphere, inject 900 gallons of Bactron K-31 Biocide chemical in front of the 30" sphere while pumping 59,144 bbls (2,484,048 gallons) of seawater (or until a pressure spike appears at the pumping end).

Minerals Management Service
RECEIVED
MAR 02 2012
Office of Field Operations
Pipeline Section

- When the 30" sphere is received at the East Cameron Block 245 platform, close 30" Ball Valve #41-A-77, pin close the adjacent 30" check valve, open 2" Ball Valve #41-A-7-17 and bleed pressure to 0 psig between 30" Ball Valve #41-A-77 and the adjacent 30" check valve.
- Contractor will open a 2" ball valve on the end of the previously installed sub-sea sphere launcher to bleed pressure off the 30" pipeline. Once the pressure is reduced to 0 psig, the contractor will close the 2" ball valve on the sub-sea sphere launcher, install all blind flanges, and sand bag with a minimum 3 foot of cover.
- At the East Cameron Block 245 platform, disconnect the 30" flange from 30" Ball Valve #41-A-77, install a 30" blind flange and remove all of the 30" piping from this location up to the J-tube, including the 30" riser.
- Locate and make a sub-sea cut on the 30" pipeline, approximately 50 feet from the bottom end of the 30" J-tube.
- Remove the 3 top-side riser clamps, the 5 sub-sea riser clamps, the 30" riser, and the J-tube portion.
- Install a 30" plumber plug in the pipeline end of the 30" pipeline, and sand bag to a minimum of 3 foot of cover.
- At the East Cameron Block 245 platform, cut and remove a portion of the 10" drain piping and install a 10" flange and blind flange to isolate it from the 30" pipeline.

I have attached a certified drawing, as-built drawing, pipeline schematic and CD.

Work is scheduled to begin in mid May, 2012. An application fee of \$2012.00 is attached.

Thank you for your assistance and if you should require any additional information regarding this matter, please contact Robbin Oliver at 713-627-5556.

Sincerely,
Texas Eastern Transmission, LP
By: Spectra Energy Transmission Services, LLC
It's General Partner



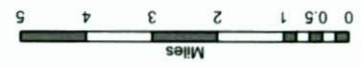
Gregory P. Bilinski
Vice President, Environmental Health & Safety

GPB/ro

Attachments

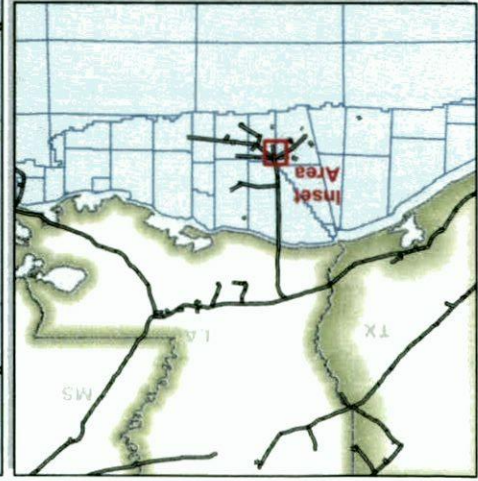
LINE 41-A-7

PIPELINE ABANDONMENT DOCUMENT



.....
Abandoned TET, LP Pipeline

—————
Active TET, LP Pipeline

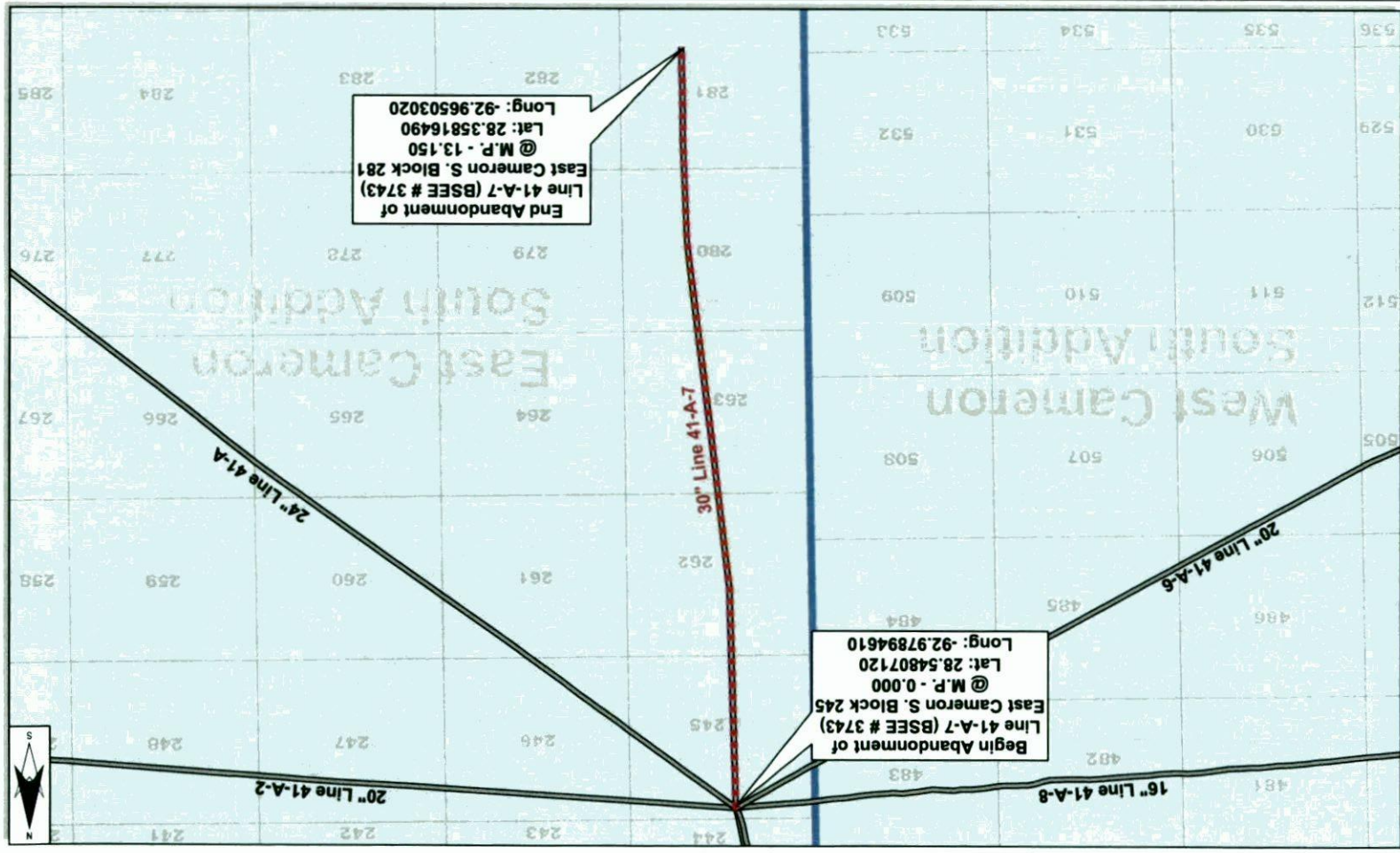
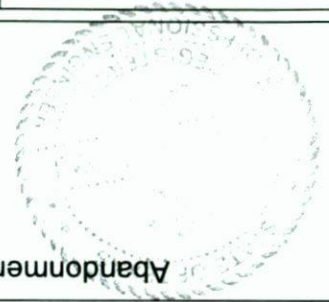


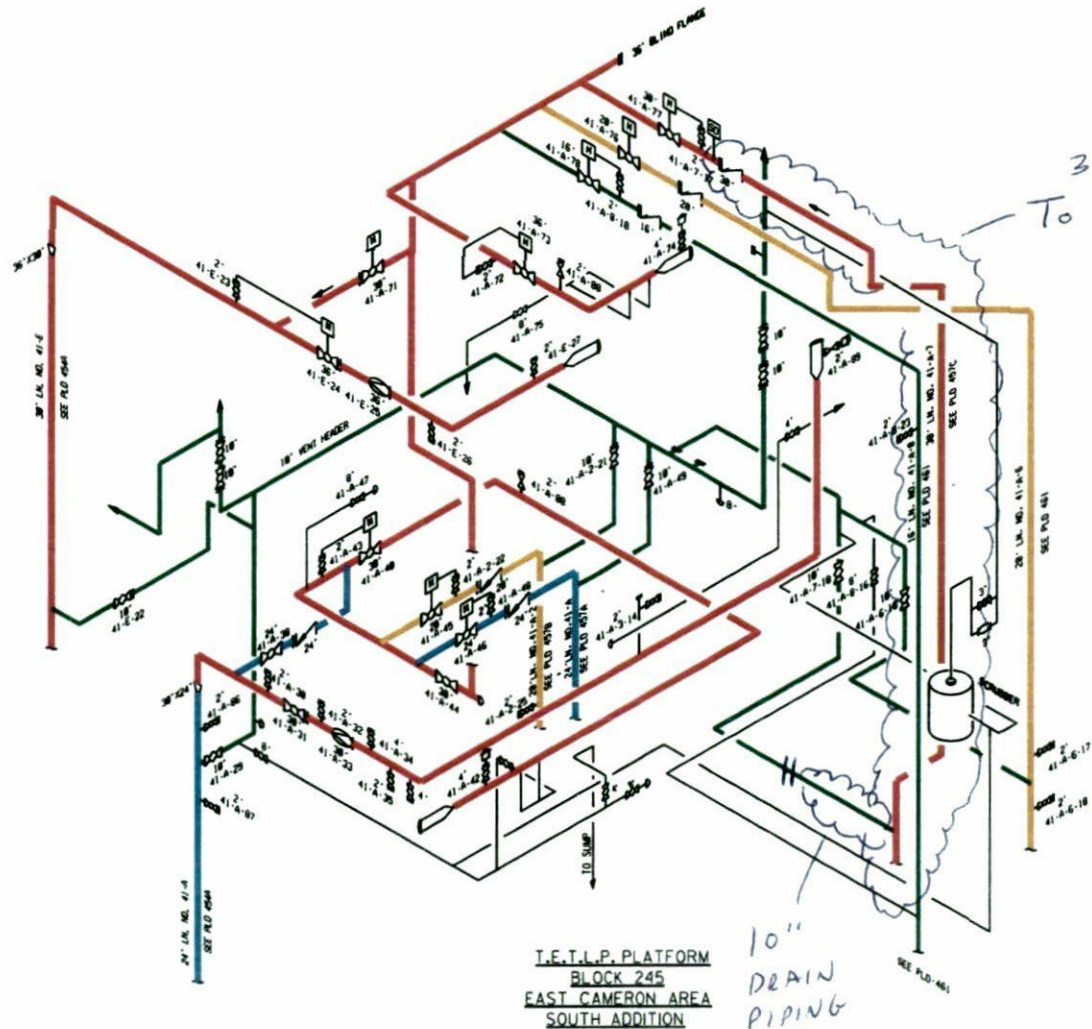
Created By: Tim McKay

Certified By: *Kenneth R. Betts, P.E.*

Date: 29 February 2012

Abandonment and Relinquishment of Texas Eastern Transmission, LP Pipeline 41-A-7
 30" Offshore Natural Gas Pipeline
 BSEE Segment ID: 3743
 BSEE ROW Number: G01950P
 Length of Decommissioned Pipe: 13.15 Miles (69,442')
 Length of Remaining Active Pipe: 0.00 Miles (0.00')





30" PIPING
TO BE REMOVED

10" DRAIN
PIPING
TO BE
REMOVED

T.E.T.L.P. PLATFORM
BLOCK 245
EAST CAMERON AREA
SOUTH ADDITION

MAOP NOTE: LINE 41-A: LATERAL PRESSURE = 1438 PSIG
 LINE 41-A-2: LATERAL PRESSURE = 1440 PSIG
 LINE 41-A-3: LATERAL PRESSURE = 1440 PSIG
 LINE 41-A-6: LATERAL PRESSURE = 1440 PSIG
 LINE 41-A-7: LATERAL PRESSURE = 1440 PSIG
 LINE 41-A-8: LATERAL PRESSURE = 1440 PSIG
 LINE 41-E: LATERAL PRESSURE = 1440 PSIG

1	DATE	DESCRIPTION
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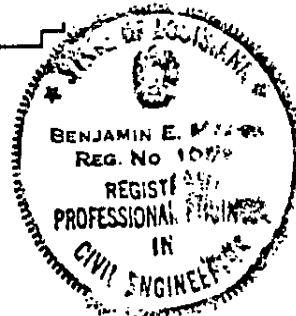
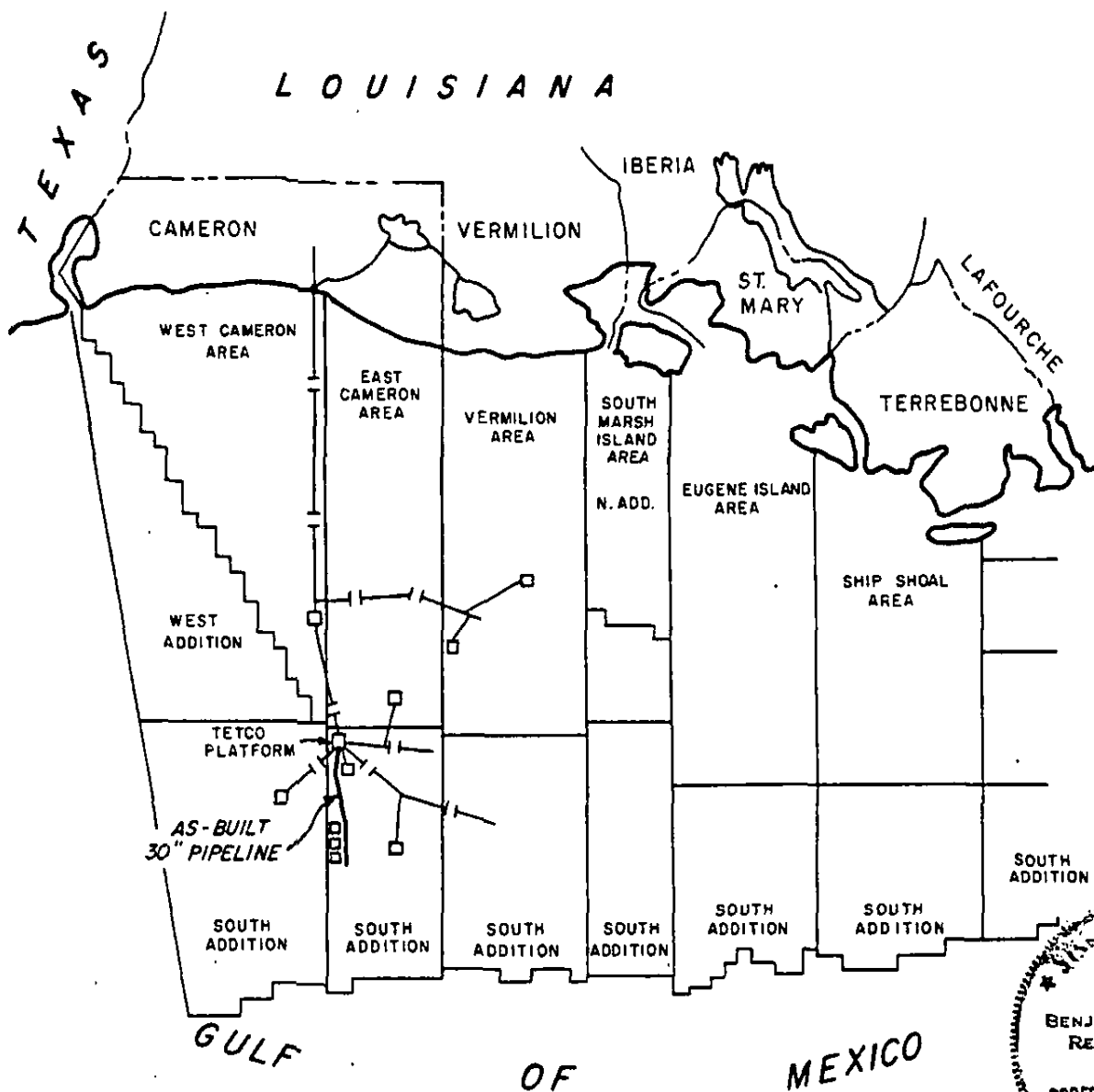
TETLP PLATFORM
BLOCK 245 EAST CAMERON PLATFORM (E245-EOLN)
SOUTH ADDITION

Spectra Energy

PLD-456.11

Trask System Transmission, LP
10000 West Loop South, Suite 1000, Houston, TX 77042-1000

Model: Default
User-name: GWBosley



Bearings Relate To La. State Plane Coordinate System (South Zone) Unless Noted Otherwise.
NOTE:

Right-Of-Way Is 200' In Width.
Located In Zone 4
69,472.24' = 4,210.44 RODS = 13.16 Miles

Purpose Of Pipeline Is For Transmission Of Natural Gas

SUBMITTED BY:
TENNESSEE GAS PIPELINE CO.
HOUSTON, TEXAS

SUBMITTED BY: TEXAS EASTERN TRANSMISSION CORPORATION
HOUSTON, TEXAS

Paul A. McKim
PAUL A. MCKIM - VICE PRESIDENT

CERTIFIED BY:

Benjamin E. Means
REGISTERED CIVIL ENGINEER
NO. 1063
STATE OF Louisiana

TEXAS EASTERN TRANSMISSION CORPORATION
AND
TENNESSEE GAS PIPELINE CO., A DIVISION OF TENNECO INC.
AS-BUILT ROUTE
30" PIPELINE FROM PLATFORM IN BLOCK 245 TO
BLOCK 281, EAST CAMERON AREA, SOUTH ADDITION

LOUISIANA OFFSHORE AREA GULF OF MEXICO
SCALE AS SHOWN
SHEET 1 of 9
TA-8-C26349.3

DWN J.M. CNK. *ad* APPR. SVN APPR. *DHR* APPR.

U.S.C. & G.S. "BERRY"
 X = 1,465,798.21
 Y = 388,878.06
 LAT. 29° 43' 30.988"
 LONG. 93° 00' 59.024"

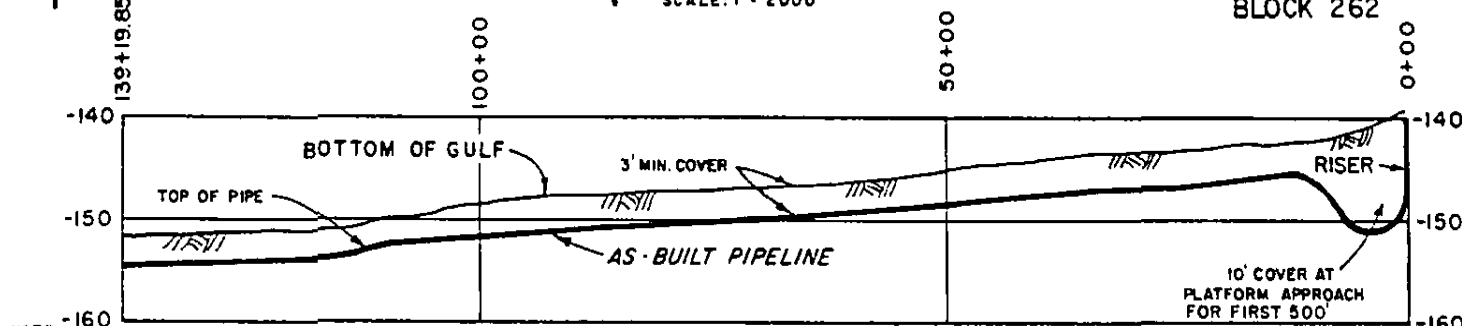
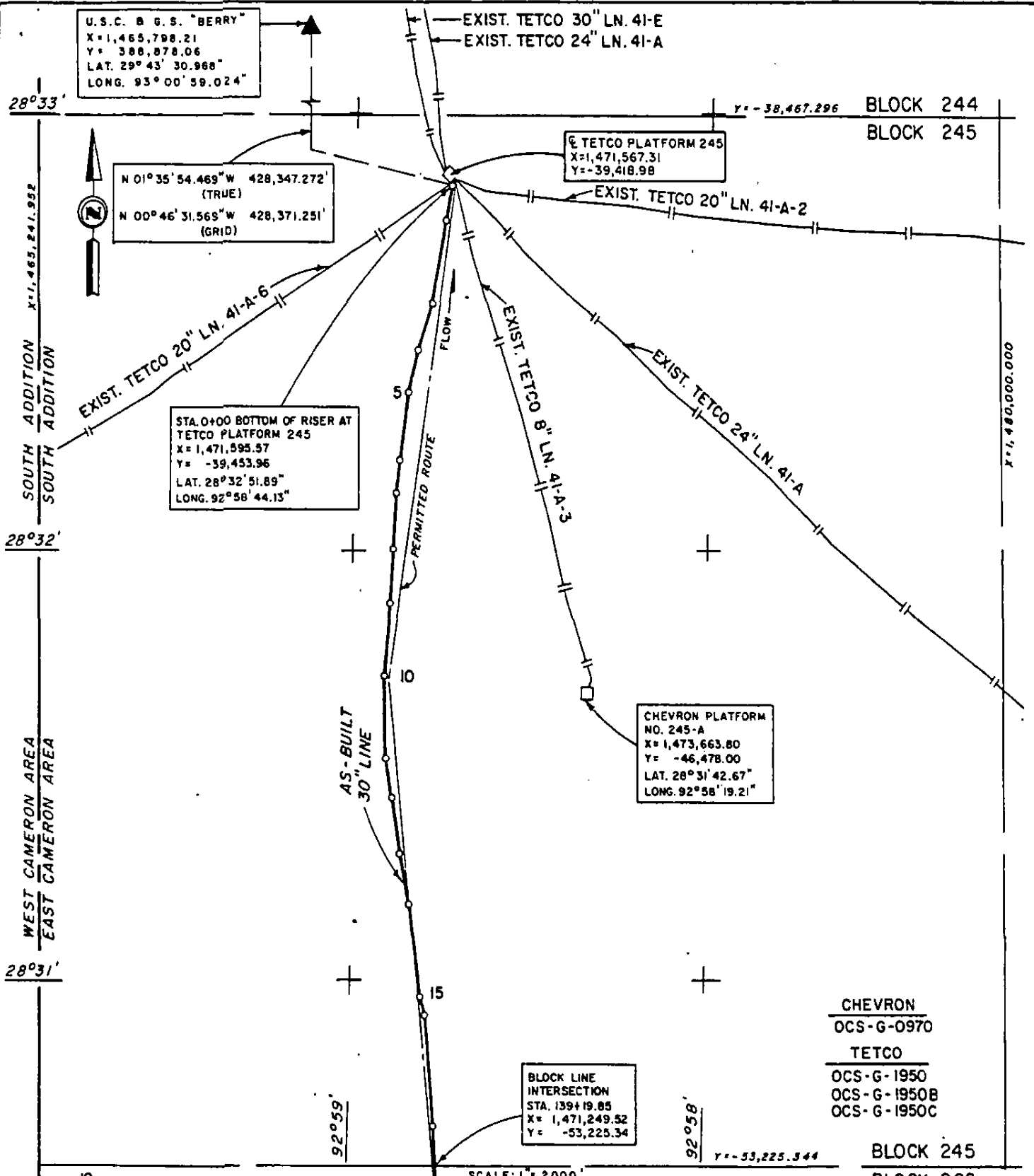
N 01° 35' 54.469" W 428,347.272'
 (TRUE)
 N 00° 46' 31.568" W 428,371.251'
 (GRID)

STA. 0+00 BOTTOM OF RISER AT
 TETCO PLATFORM 245
 X = 1,471,595.57
 Y = -39,453.96
 LAT. 28° 32' 51.89"
 LONG. 92° 58' 44.13"

CHEVRON PLATFORM
 NO. 245-A
 X = 1,473,663.80
 Y = -46,478.00
 LAT. 28° 31' 42.67"
 LONG. 92° 58' 19.21"

BLOCK LINE
 INTERSECTION
 STA. 139+19.85
 X = 1,471,249.52
 Y = -53,225.34

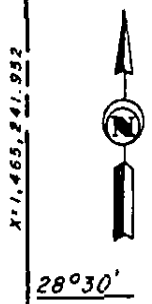
CHEVRON
 OCS-G-0970
 TETCO
 OCS-G-1950
 OCS-G-1950B
 OCS-G-1950C



NOTE:
 SPOIL WAS PLACED SO THAT
 BOTTOM ELEVATION WAS NOT
 RAISED MORE THAN 6 INCHES.

PROFILE
 Scale: 1" = 2000' Horiz.; 1" = 20' Vert.

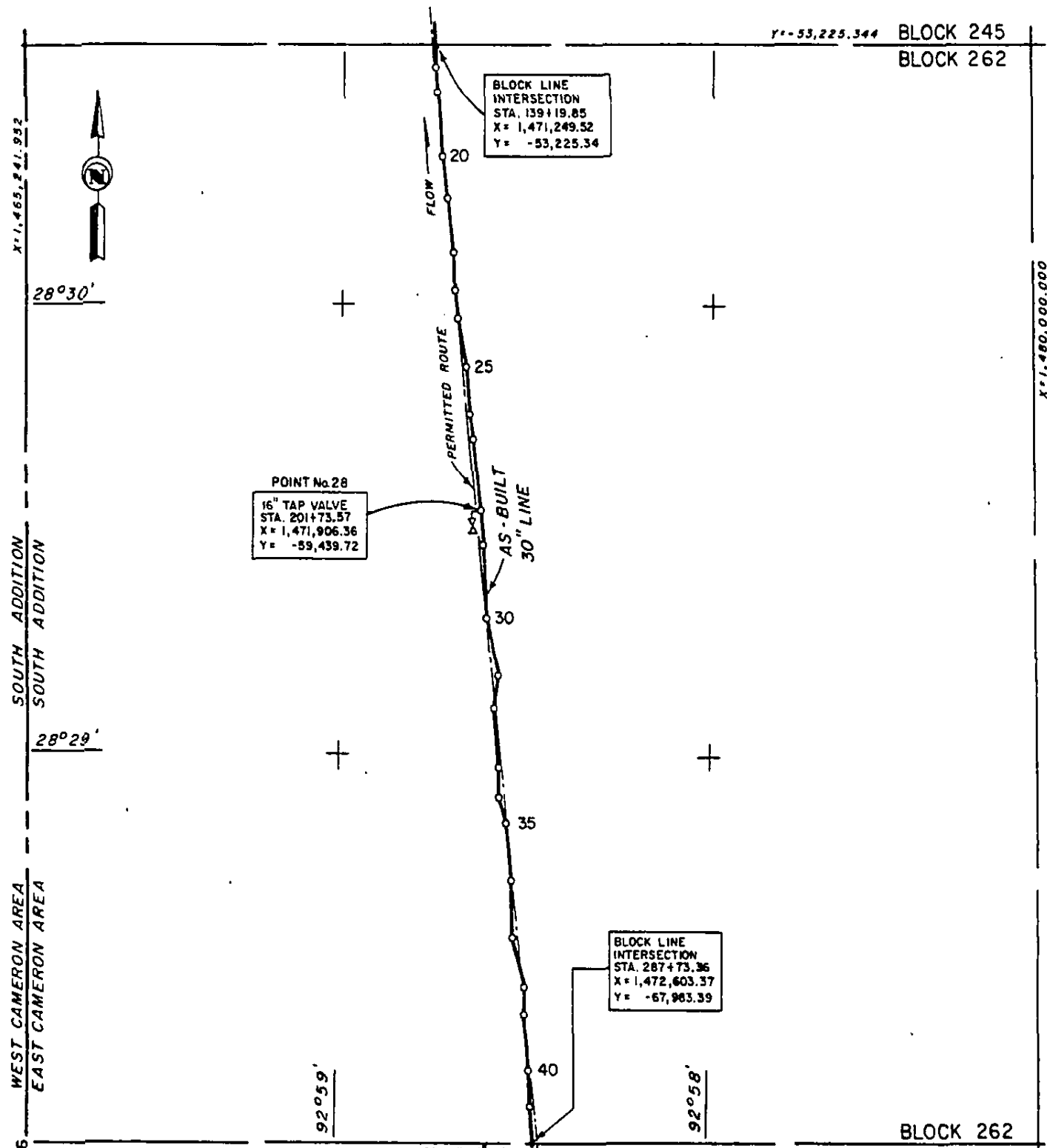
Y = -53,225.344 BLOCK 245
BLOCK 262



BLOCK LINE INTERSECTION
STA. 139+19.85
X = 1,471,249.52
Y = -53,225.34

POINT No. 28
16" TAP VALVE
STA. 201+73.57
X = 1,471,906.36
Y = -59,439.72

BLOCK LINE INTERSECTION
STA. 287+73.36
X = 1,472,603.37
Y = -67,983.39

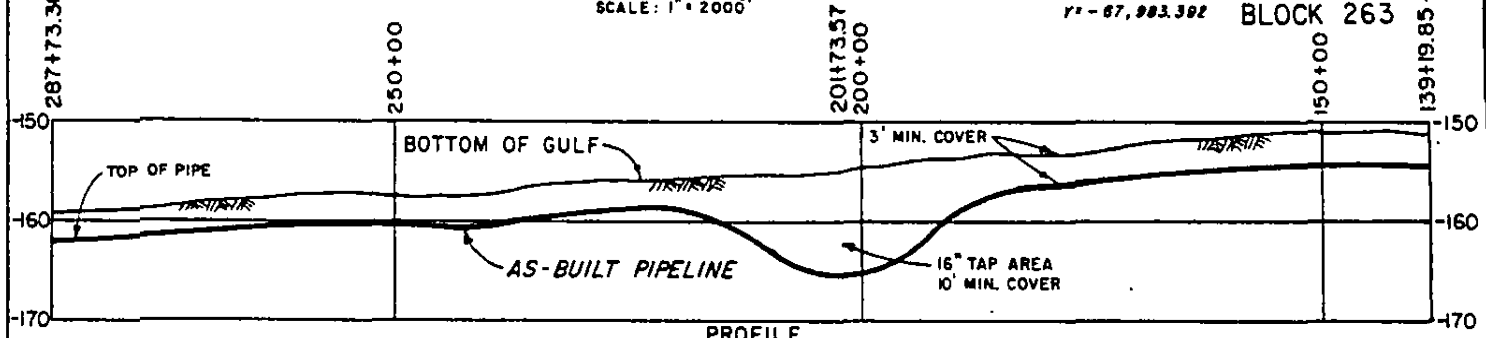


SOUTH ADDITION
SOUTH ADDITION
WEST CAMERON AREA
EAST CAMERON AREA

X = 1,460,000.000

SCALE: 1" = 2000'

Y = -67,983.392 BLOCK 262
BLOCK 263



PROFILE
Scale: 1" = 2000' Horiz.; 1" = 20' Vert.

NOTE:
SPOIL WAS PLACED SO THAT
BOTTOM ELEVATION WAS NOT
RAISED MORE THAN 6 INCHES.

BLOCK 262
BLOCK 263

Y = -67,983.392

28°28'



BLOCK LINE
INTERSECTION
STA. 287+73.36
X = 1,472,603.37
Y = -67,983.39

X = 1,465,291.952

SOUTH ADDITION
SOUTH ADDITION

28°27'

45

FLOW

AS-BUILT
30" LINE

PERMITTED ROUTE

50

POINT No.53

20" TAP VALVE
STA. 384+84.28
X = 1,473,467.87
Y = -77,643.47

WEST CAMERON AREA
EAST CAMERON AREA

28°26'

EXIST. 20" STINGRAY P/L

POINT No.55

STA. 402+27.68
X = 1,473,602.23
Y = -79,381.11

55

BLOCK LINE
INTERSECTION
STA. 436+18.24
X = 1,474,033.81
Y = -82,741.44

STINGRAY
OCS-G-2122 C

BLOCK 263

BLOCK 280

436+18.24

402+27.68

384+84.28

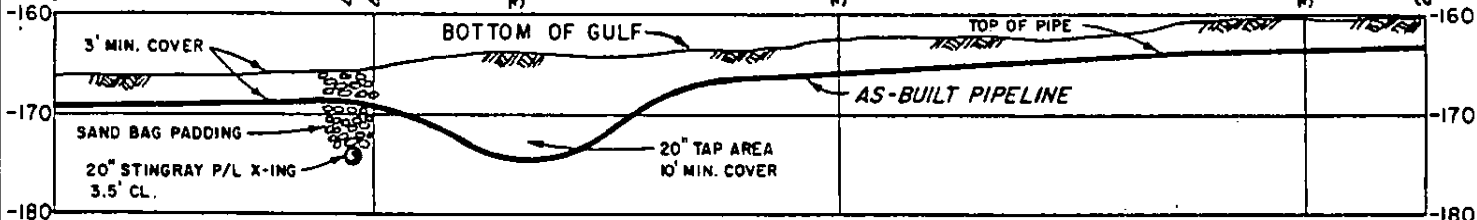
350+00

300+00

287+73.36

SCALE: 1" = 2000'

Y = -82,741.440



NOTE:
SPOIL WAS PLACED SO THAT
BOTTOM ELEVATION WAS NOT
RAISED MORE THAN 6 INCHES.

PROFILE
Scale: 1" = 2000' Horiz.; 1" = 20' Vert.

TEXAS EASTERN TRANSMISSION CORPORATION
TENNESSEE GAS PIPELINE CO.

SHEET 4 of 9
TA-8-C26349.3

BLOCK LINE
INTERSECTION
STA. 436+18.24
X = 1,474,033.81
Y = -82,741.44

Y = -82,741.440 BLOCK 263
BLOCK 280

POINT No. 63
STA. 458+73.46
X = 1,474,263.00
Y = -84,977.05

EXIST. TENNECO
PLATFORM 280
X = 1,471,842.00
Y = -91,279.00
LAT. 28° 24' 18.99"
LONG. 92° 58' 32.43"

POINT No. 68
16" TAP VALVE
STA. 518+95.10
X = 1,474,884.79
Y = -90,953.99

BLOCK LINE
INTERSECTION
STA. 584+49.44
X = 1,475,009.97
Y = -97,499.49

TENNECO-TEXACO
OCS-G-2049
STINGRAY
OCS-G-2122 C

BLOCK 280
BLOCK 281

X = 1,465,241.952

X = 1,480,000.000

SOUTH ADDITION
SOUTH ADDITION

WEST CAMERON AREA
EAST CAMERON AREA

28° 25'

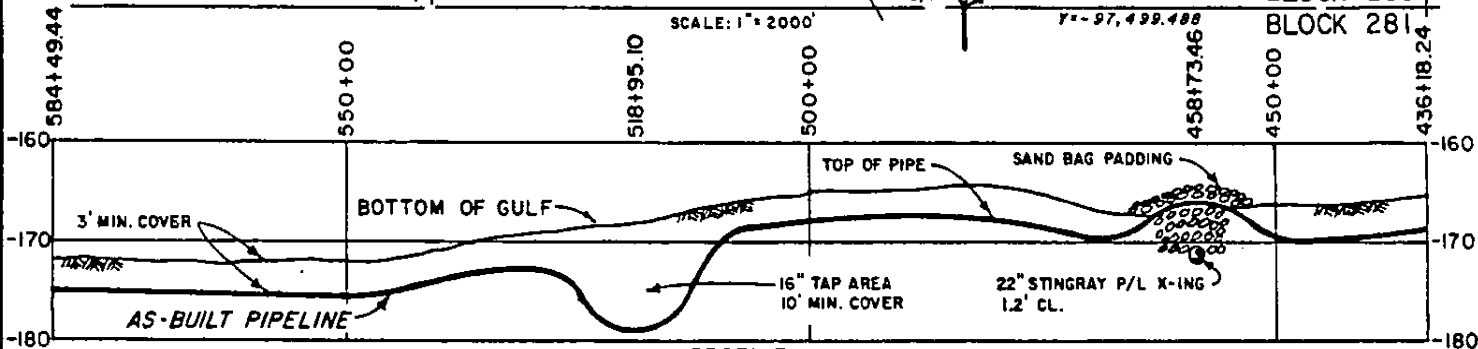
28° 24'

92° 59'

92° 58'

SCALE: 1" = 2000'

Y = -97,499.488

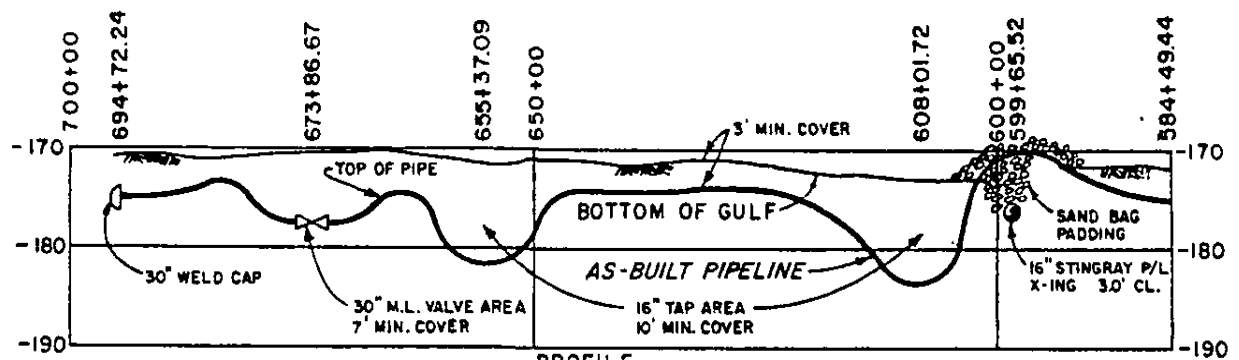
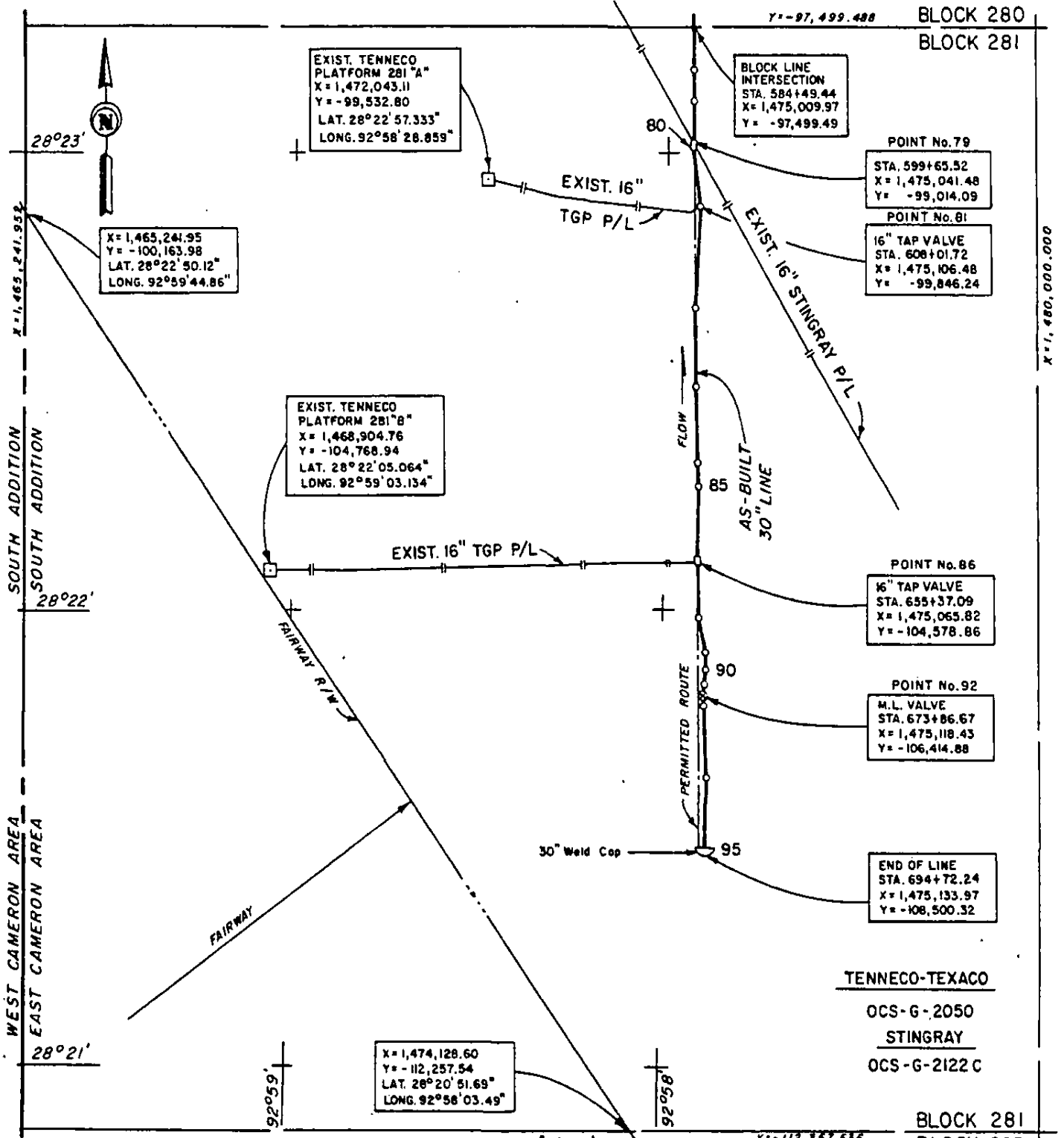


PROFILE

Scale: 1" = 2000' Horiz.; 1" = 20' Vert.

NOTE:
SPOIL WAS PLACED SO THAT
BOTTOM ELEVATION WAS NOT
RAISED MORE THAN 6 INCHES.

TEXAS EASTERN TRANSMISSION CORPORATION SHEET 5 of 9
TENNESSEE GAS PIPELINE CO. TA-8-C26349.3



NOTE:
SPOIL WAS PLACED SO THAT
BOTTOM ELEVATION WAS NOT
RAISED MORE THAN 6 INCHES.

AS-BUILT ROUTE 30" PIPELINE

PT.	BEARING & DISTANCE	LAMBERT COORDINATES		OFFSET	REMARKS
1		X = 1,471,595.57	Y = (-)39,453.96	-	Bottom of Riser
2	S 09° 10' 03" W - 520.01'	X = 1,471,512.72	Y = (-)39,967.33	9' Rt.	Point on P/L
3	S 12° 04' 03" W - 1,171.80'	X = 1,471,267.74	Y = (-)41,113.24	90' Rt.	"
4	S 17° 57' 42" W - 665.84'	X = 1,471,062.50	Y = (-)41,746.34	204' Rt.	"
5	S 13° 24' 58" W - 624.30'	X = 1,470,917.65	Y = (-)42,353.60	261' Rt.	"
6	S 08° 03' 08" W - 921.21'	X = 1,470,788.61	Y = (-)43,268.73	260' Rt.	"
7	S 08° 00' 29" W - 499.39'	X = 1,470,719.04	Y = (-)43,780.28	259' Rt.	"
8	S 03° 50' 56" W - 818.64'	X = 1,470,664.09	Y = (-)44,577.04	198' Rt.	"
9	S 03° 00' 11" W - 747.65'	X = 1,470,624.92	Y = (-)45,323.66	131' Rt.	"
10	S 03° 52' 37" W - 1,006.74'	X = 1,470,556.85	Y = (-)46,328.10	56' Rt.	"
11	S 00° 06' 12" E - 1,176.59'	X = 1,470,568.97	Y = (-)47,504.89	162' Rt.	"
12	S 06° 29' 23" E - 555.99'	X = 1,470,621.81	Y = (-)48,057.12	152' Rt.	"
13	S 10° 15' 22" E - 794.05'	X = 1,470,763.19	Y = (-)48,838.46	64' Rt.	"
14	S 10° 36' 35" E - 765.60'	X = 1,470,904.15	Y = (-)49,590.99	15' Rt.	"
15	S 07° 25' 44" E - 1,304.61'	X = 1,471,072.83	Y = (-)50,884.65	32' Lt.	"
16	S 05° 18' 01" E - 281.57'	X = 1,471,098.84	Y = (-)51,165.02	31' Lt.	"
17	S 04° 47' 01" E - 1,535.25'	X = 1,471,226.87	Y = (-)52,694.92	15' Lt.	"
18	S 02° 26' 41" E - 862.00'	X = 1,471,263.64	Y = (-)53,556.14	30' Rt.	"
19	S 09° 12' 56" E - 321.57'	X = 1,471,315.14	Y = (-)53,873.56	8' Rt.	"
20	S 03° 17' 21" E - 848.62'	X = 1,471,363.83	Y = (-)54,720.78	39' Rt.	"
21	S 06° 01' 48" E - 557.07'	X = 1,471,422.35	Y = (-)55,274.77	33' Rt.	"
22	S 07° 47' 23" E - 740.23'	X = 1,471,522.68	Y = (-)56,008.17	2' Rt.	"
23	S 02° 23' 45" E - 483.94'	X = 1,471,542.91	Y = (-)56,491.69	28' Rt.	"
24	S 06° 02' 46" E - 399.50'	X = 1,471,584.99	Y = (-)56,886.97	23' Rt.	"
25	S 09° 33' 13" E - 667.42'	X = 1,471,695.76	Y = (-)57,547.18	25' Lt.	"
26	S 06° 03' 45" E - 640.91'	X = 1,471,763.45	Y = (-)58,184.46	33' Lt.	"
27	S 06° 24' 19" E - 297.87'	X = 1,471,796.88	Y = (-)58,480.47	38' Lt.	Point on P/L
28	S 06° 31' 22" E - 965.50'	X = 1,471,906.56	Y = (-)59,439.72	57' Lt.	16" Top Valve
29	S 01° 32' 58" E - 525.51'	X = 1,471,920.57	Y = (-)59,965.04	22' Lt.	Point on P/L
30	S 04° 16' 22" E - 964.53'	X = 1,471,992.43	Y = (-)60,926.89	3' Lt.	"
31	S 09° 49' 10" E - 785.37'	X = 1,472,126.37	Y = (-)61,700.75	64' Lt.	"
32	S 06° 54' 45" W - 448.93'	X = 1,472,072.34	Y = (-)62,146.42	32' Rt.	"
33	S 05° 11' 18" E - 818.42'	X = 1,472,146.35	Y = (-)62,961.49	35' Rt.	"
34	S 00° 50' 04" W - 409.92'	X = 1,472,140.38	Y = (-)63,371.37	79' Rt.	"
35	S 14° 12' 35" E - 342.64'	X = 1,472,224.49	Y = (-)63,703.53	27' Rt.	Point on P/L

AS-BUILT ROUTE 30" PIPELINE

PT.	BEARING & DISTANCE	LAMBERT COORDINATES		OFFSET	REMARKS
36		X = 1,472, 328.17	Y = (-) 64, 466.98	5' Lt.	Point on P/L
37	S02° 13' 49"E - 767.53'	X = 1,472, 358.04	Y = (-) 65, 233.93	38' Rt.	"
38	S11° 14' 09"E - 677.29'	X = 1,472, 490.01	Y = (-) 65, 898.24	31' Lt.	"
39	S00° 05' 45"W - 377.02'	X = 1,472, 489.38	Y = (-) 66, 275.26	5' Rt.	"
40	S04° 08' 43"E - 753.41'	X = 1,472, 543.84	Y = (-) 67, 026.70	21' Rt.	"
41	S04° 49' 37"E - 468.83'	X = 1,472, 583.29	Y = (-) 67, 493.87	26' Rt.	"
42	S02° 20' 54"E - 647.75'	X = 1,472, 609.83	Y = (-) 68, 141.08	60' Rt.	"
43	S00° 41' 06"E - 319.46'	X = 1,472, 613.65	Y = (-) 68, 460.52	87' Rt.	"
44	S10° 58' 33"E - 898.03'	X = 1,472, 784.63	Y = (-) 69, 342.12	1' Lt.	"
45	S01° 00' 13"E - 1,310.44'	X = 1,472, 807.58	Y = (-) 70, 652.36	100' Rt.	"
46	S06° 47' 58"E - 1,660.03'	X = 1,473,004.12	Y = (-) 72, 300.71	59' Rt.	"
47	S04° 03' 17"E - 1,001.13'	X = 1,473,074.91	Y = (-) 73, 299.33	82' Rt.	"
48	S05° 20' 47"E - 1,014.95'	X = 1,473,169.48	Y = (-) 74, 309.86	83' Rt.	"
49	S03° 41' 36"E - 985.45'	X = 1,473,232.96	Y = (-) 75, 293.26	112' Rt.	"
50	S07° 32' 43"E - 1,019.97'	X = 1,473,366.89	Y = (-) 76, 304.40	74' Rt.	"
51	S03° 07' 01"E - 292.79'	X = 1,473,382.81	Y = (-) 76, 596.76	86' Rt.	"
52	S03° 51' 31"E - 918.82'	X = 1,473,444.64	Y = (-) 77, 513.50	110' Rt.	Point on P/L
53	S10° 08' 01"E - 132.03'	X = 1,473,467.87	Y = (-) 77, 643.47	99' Rt.	20" Top Valve
54	S03° 03' 19"E - 938.84'	X = 1,473,517.91	Y = (-) 78, 580.98	138' Rt.	Point on P/L
55	S06° 00' 57"E - 804.56'	X = 1,473,602.23	Y = (-) 79, 381.11	129' Rt.	X-ing 20" Stingray P/L
56	S12° 15' 55"E - 313.60'	X = 1,473,668.85	Y = (-) 79, 687.55	92' Rt.	Point on P/L
57	S08° 38' 23"E - 872.84'	X = 1,473,799.97	Y = (-) 80, 550.49	42' Rt.	"
58	S07° 09' 55"E - 1,179.97'	X = 1,473,947.15	Y = (-) 81, 721.25	6' Rt.	"
59	S03° 27' 47"E - 498.14'	X = 1,473,977.24	Y = (-) 82, 218.48	22' Rt.	"
60	S06° 10' 25"E - 773.08'	X = 1,474,060.38	Y = (-) 82, 987.08	12' Rt.	"
61	S06° 51' 04"E - 523.93'	X = 1,474,122.88	Y = (-) 83, 507.27	1' Lt.	"
62	S01° 36' 44"E - 1,039.19'	X = 1,474,152.12	Y = (-) 84, 546.05	67' Rt.	Point on P/L
63	S14° 25' 38"E - 445.03'	X = 1,474,263.00	Y = (-) 84, 977.05	3' Lt.	X-ing 22" Stingray P/L
64	S03° 29' 47"E - 968.95'	X = 1,474,322.09	Y = (-) 85, 944.20	29' Rt.	Point on P/L
65	S03° 52' 04"E - 1,370.59'	X = 1,474,414.54	Y = (-) 87, 311.67	66' Rt.	"
66	S09° 46' 59"E - 1,617.41'	X = 1,474, 689.37	Y = (-) 88, 905.56	58' Lt.	"
67	S00° 36' 32" - 1,002.88'	X = 1,474, 700.03	Y = (-) 89, 908.48	25' Rt.	Point on P/L
68	S10° 01' 18"E - 1,061.71'	X = 1,474, 884.79	Y = (-) 90, 953.99	60' Lt.	16" Top Valve
69	S14° 30' 51"E - 89.54'	X = 1,474, 907.23	Y = (-) 91, 040.67	74' Lt.	Point on P/L
70	S02° 00' 42"W - 640.36'	X = 1,474, 884.75	Y = (-) 91, 680.64	8' Rt.	Point on P/L

AS-BUILT ROUTE 30" PIPELINE

PT.	BEARING & DISTANCE	LAMBERT COORDINATES		OFFSET	REMARKS
71	S 03° 32' 36" E - 1,245.08'	X = 1,474,925.12	Y = (-) 92,447.69	40' Rt.	Point on P/L
72	S 03° 18' 53" E - 921.01'	X = 1,475,002.07	Y = (-) 93,690.39	45' Rt.	"
73	S 00° 21' 12" W - 1,218.17'	X = 1,475,054.52	Y = (-) 94,609.91	7' Lt.	"
74	S 01° 22' 39" W - 762.10'	X = 1,475,047.01	Y = (-) 95,828.06	On Line	"
75	S 01° 36' 58" W - 816.27'	X = 1,475,028.69	Y = (-) 96,589.94	19' Rt.	"
76	S 02° 37' 53" E - 646.04'	X = 1,475,005.67	Y = (-) 97,405.89	42' Rt.	"
77	S 02° 28' 08" W - 417.45'	X = 1,475,035.33	Y = (-) 98,051.25	12' Rt.	"
78	S 02° 30' 23" E - 546.29'	X = 1,475,017.69	Y = (-) 98,468.32	30' Rt.	Point on P/L
79	S 07° 14' 10" W - 67.16'	X = 1,475,041.48	Y = (-) 99,014.09	6' Rt.	X-ing 16" Stingray P/L
80	S 05° 28' 53" E - 769.04'	X = 1,475,033.02	Y = (-) 99,080.72	14' Rt.	Point on P/L
81	S 03° 11' 31" W - 1,363.90'	X = 1,475,106.48	Y = (-) 99,846.24	59' Lt.	16" Top Valve
82	S 01° 41' 53" E - 1,073.83'	X = 1,475,030.54	Y = (-) 101,208.02	17' Rt.	Point on P/L
83	S 00° 30' 17" E - 967.10'	X = 1,475,062.36	Y = (-) 102,281.38	15' Lt.	"
84	S 00° 59' 00" E - 360.72'	X = 1,475,070.88	Y = (-) 103,248.44	23' Lt.	"
85	S 00° 39' 53" W - 969.82'	X = 1,475,077.07	Y = (-) 103,609.11	30' Lt.	Point on P/L
86	S 01° 14' 36" W - 26.27'	X = 1,475,085.82	Y = (-) 104,578.86	18' Lt.	16" Top Valve
87	S 01° 31' 38" W - 720.75'	X = 1,475,065.25	Y = (-) 104,805.12	18' Lt.	Point on P/L
88	S 10° 35' 40" E - 492.94'	X = 1,475,046.04	Y = (-) 105,325.61	1' Rt.	"
89	S 06° 47' 45" E - 239.16'	X = 1,475,136.67	Y = (-) 105,810.15	89' Lt.	"
90	S 05° 16' 28" W - 207.77'	X = 1,475,164.97	Y = (-) 106,047.63	118' Lt.	"
91	S 09° 42' 38" W - 162.69'	X = 1,475,145.87	Y = (-) 106,254.52	98' Lt.	Point on P/L
92	S 02° 10' 10" E - 120.46'	X = 1,475,118.43	Y = (-) 106,414.88	71' Lt.	30" M.L. Valve
93	S 00° 27' 55" E - 951.84'	X = 1,475,122.99	Y = (-) 106,535.25	76' Lt.	Point on P/L
94	S 00° 11' 02" E - 1,013.27'	X = 1,475,130.72	Y = (-) 107,487.06	83' Lt.	Point on P/L
95		X = 1,475,133.97	Y = (-) 108,500.32	87' Lt.	30" Weld Cap

THE OFFSET DISTANCES SHOWN ABOVE REFLECT THE PERPENDICULAR DISTANCE FROM THE CENTERLINE OF THE PERMITTED ROUTE TO THE AS-BUILT LOCATION OF THE PIPELINE.