MURPHY 4" P/L #1

TIE	X COORDINATE	Y COORDINATE
Str H	2,157,247'	61,821'
2	2,157,177'	61,835'
3	2,157,064'	61,855'
4	2,157,030'	61,858'
5	2,156,918'	61,847'
6	2,156,871'	61,850'
7	2,156,816'	61,864'
8	2,156,715'	61,861'
9	2,156,310'	61,940'
10	2,156,030'	62,000'
11	2,155,700'	62,060'
Well 29	2,155,484'	62,115'

TOTAL LENGTH=1,796'=0.34 MILES

MURPHY 3" P/L #2

TIE	X COORDINATE	Y COORDINATE
Str H	2,157,276'	61,803'
2	2,157,237'	61,856'
3	2,157,248'	61,806'
4	2,157,291'	61,583'
5	2,157,349'	61,591'
6	2,157,586'	61,587'
7	2,157,803'	61,561'
8	2,158,094'	61,578'
9	2,158,204'	61,565'
10	2,158,432'	61,404'
11	2,159,017'	61,298'
12	2,159,417'	61,217'
13	2,159,961'	61,047'
14	2,160,221'	60,999'
Str A	2,160,574'	60,868'

TOTAL LENGTH=3,664'=0.69 MILES

MURPHY 3" P/L #3

TIE	X COORDINATE	Y COORDINATE
Well 15	2,155,099'	61,705'
2	2,155,257'	61,729'
3	2,155,456'	61,614'
Well 16	2,155,607'	61,937'

TOTAL LENGTH=571'=0.11 MILES

MURPHY 3" P/L #4

TIE	X COORDINATE	Y COORDINATE
Str A	2,160,576'	60,870'
2	2,160,515'	61,135'
3	2,160,554'	61,416'
4	2,160,556'	61,917'
5	2,160,556'	62,419'
6	2,160,552'	62,579'
7	2,160,537'	63,092'
8	2,160,517'	63,390'
9	2,160,507'	63,584'
10	2,160,543'	64,111'
11	2,160,509'	64,257'
12	2,160,611'	64,308'
13	2,160,558'	64,380'
14	2,160,513'	64,411'
15	2,160,349'	64,429'
16	2,159,985'	64,419'
17	2,159,757'	64,459'
18	2,159,186'	64,747'
19	2,159,056'	64,793'
20	2,158,756'	65,004'
21	2,158,570'	65,230'
22	2,158,512'	65,497'
23	2,158,401'	65,756'
24	2,158,393'	65,955'
25	2,158,428'	66,275'
26	2,158,506'	66,586'
27	2,158,594'	66,758'
28	2,158,969'	66,918'
29	2,159,365'	67,288'
30	2,159,507'	67,707'
31	2,159,963'	67,814'
32	2,160,213'	68,091'
33	2,160,519'	68,485'
34	2,160,790'	68,843'
35	2,161,144'	69,395'
36	2,161,205'	69,937'
37	2,161,136'	70,248'
38	2,161,251'	70,558'
39	2,161,400'	70,730'
40	2,161,474'	70,884'
Str L	2,161,700'	71,220'

TOTAL LENGTH=13,062'=2.47 MILES

MURPHY 4" & 3" P/L #5

TIE	X COORDINATE	Y COORDINATE
Well 29	2,155,484'	62,115'
Well 16	2,155,590'	61,963'

TOTAL LENGTH=186'=0.04 MILES

MURPHY 2" P/L #6

TIE	X COORDINATE	Y COORDINATE
Str H	2,157,298'	61,827'
2	2,157,294'	61,895'
3	2,157,326'	61,642'
4	2,157,397'	61,598'
5	2,157,844'	61,516'
6	2,158,243'	61,418'
7	2,158,781'	61,301'
8	2,158,854'	61,296'
9	2,158,962'	61,256'
10	2,159,033'	61,254'
11	2,159,152'	61,239'
12	2,159,567'	61,099'
Str A	2,160,576'	60,875'

TOTAL LENGTH=3,549'=0.67 MILES

MURPHY 4" P/L #7

TIE	X COORDINATE	Y COORDINATE
Well 12	2,157,991'	61,379'
2	2,158,020'	61,421'
3	2,159,407'	61,134'
4	2,159,724'	61,045'
5	2,160,166'	60,964'
Str A	2,160,574'	60,868'

TOTAL LENGTH=2,565'=0.50 MILES

MURPHY 6" P/L #8

TIE	X COORDINATE	Y COORDINATE
Str H	2,157,293'	61,827'
Well 47	2,157,033'	61,668'

TOTAL LENGTH=304'=0.06 MILES

MURPHY 3" P/L #9

TIE	X COORDINATE	Y COORDINATE
Well 16	2,155,590'	61,963'
2	2,155,661'	62,072'
3	2,155,813'	62,130'
4	2,156,050'	62,154'
5	2,156,246'	62,074'
6	2,156,456'	62,011'
7	2,157,049'	61,868'
Str H	2,157,347'	61,809'

TOTAL LENGTH=1,875'=0.36 MILES

MURPHY 3" P/L #10

TIE	X COORDINATE	Y COORDINATE
Well 15	2,158,770'	61,894'
2	2,158,957'	61,936'
3	2,158,974'	62,026'
4	2,159,136'	61,987'
5	2,159,345'	61,861'
6	2,159,372'	61,704'
7	2,159,472'	61,563'
8	2,159,565'	61,465'
9	2,159,999'	61,211'
10	2,160,216'	61,068'
11	2,160,428'	60,952'
Str A	2,160,576'	60,875'

TOTAL LENGTH=2,293'=0.43 MILES

MURPHY 4" P/L #11

TIE	X COORDINATE	Y COORDINATE
Well 51	2,158,385'	63,536'
2	2,158,382'	63,491'
3	2,158,323'	63,277'
4	2,158,317'	63,090'
5	2,158,320'	63,052'
6	2,158,434'	62,877'
7	2,158,587'	62,777'
8	2,158,688'	62,698'
9	2,158,902'	62,393'
10	2,159,069'	62,060'
11	2,159,112'	62,018'
12	2,159,131'	61,870'
13	2,159,191'	61,740'
14	2,159,299'	61,656'
15	2,159,456'	61,579'
16	2,159,661'	61,455'
17	2,159,756'	61,401'
18	2,159,963'	61,253'
19	2,160,148'	61,136'
20	2,160,268'	61,046'
21	2,160,359'	61,003'
22	2,160,467'	60,944'
Str A	2,160,576'	60,875'

TOTAL LENGTH=3,743'=0.71 MILES

MURPHY 4" P/L #12

TIE	X COORDINATE	Y COORDINATE
Str H	2,157,293'	61,815'
2	2,157,459'	61,784'
3	2,157,584'	61,802'
4	2,157,691'	61,868'
5	2,157,828'	61,901'
6	2,158,015'	61,868'
7	2,158,177'	61,861'
8	2,158,574'	61,711'
9	2,158,861'	61,564'
10	2,159,011'	61,471'
11	2,159,449'	61,289'
12	2,159,866'	61,152'
Str A	2,160,574'	60,861'

TOTAL LENGTH=3,505'=0.66 MILES

MURPHY 4" P/L #13

TIE	X COORDINATE	Y COORDINATE
Str L	2,161,690'	71,200'
2	2,161,363'	70,994'
3	2,161,427'	70,644'
4	2,161,442'	70,535'
5	2,161,462'	70,394'
6	2,161,484'	70,235'
7	2,161,467'	69,959'
8	2,161,455'	69,667'
9	2,161,452'	69,379'
10	2,161,479'	69,084'
11	2,161,471'	68,794'
12	2,161,436'	68,494'
13	2,161,420'	68,191'
14	2,161,366'	67,896'
15	2,161,368'	67,601'
16	2,161,338'	67,309'
17	2,161,307'	67,015'
18	2,161,284'	66,730'
19	2,161,253'	66,445'
20	2,161,235'	66,158'
21	2,161,205'	65,860'
22	2,161,182'	65,562'
23	2,161,156'	65,265'
24	2,161,128'	65,012'
25	2,161,100'	64,718'
26	2,161,066'	64,420'
27	2,161,052'	64,128'
28	2,161,024'	64,067'
29	2,161,032'	63,952'
30	2,161,030'	63,764'
31	2,161,040'	63,614'
32	2,161,058'	63,226'
33	2,161,074'	62,907'
34	2,161,094'	62,622'
35	2,161,102'	62,318'
36	2,161,116'	62,014'
37	2,161,139'	61,716'
38	2,161,167'	61,407'
39	2,161,161'	61,279'
40	2,161,168'	61,109'
41	2,161,186'	60,807'
42	2,161,216'	60,506'
Tie-In	2,161,241'	60,204'

TOTAL LENGTH=11,222'=2.13 MILES

MURPHY 2"-3" P/L #14

TIE	X COORDINATE	Y COORDINATE
Well 51	2,158,385'	63,536'
2	2,158,163'	63,063'
3	2,158,086'	62,929'
4	2,158,022'	62,683'
5	2,158,005'	62,503'
6	2,157,984'	62,443'
7	2,157,948'	62,415'
8	2,157,765'	62,383'
9	2,157,576'	62,327'
10	2,157,438'	62,220'
11	2,157,377'	62,118'
12	2,157,346'	62,002'
Str H	2,157,310'	61,847'

TOTAL LENGTH=2,177'=0.41 MILES

MURPHY 6" P/L #15

TIE	X COORDINATE	Y COORDINATE
Str H	2,157,286'	61,820'
2	2,157,259'	61,695'
3	2,157,286'	61,528'
4	2,157,571'	61,508'
5	2,158,467'	61,306'
6	2,158,845'	61,225'
7	2,159,836'	61,000'
8	2,160,110'	60,955'
9	2,160,361'	60,876'
10	2,160,460'	60,863'
Str A	2,160,574'	60,868'

TOTAL LENGTH=3,585'=0.68 MILES

MURPHY 4" P/L #16

TIE	X COORDINATE	Y COORDINATE
Well 47	2,157,033'	61,668'
Str H	2,157,297'	61,817'

TOTAL LENGTH=303'=0.06 MILES

MURPHY 3" P/L #17

TIE	X COORDINATE	Y COORDINATE
Str H	2,157,347'	61,809'
2	2,157,526'	61,805'
3	2,157,711'	61,899'
4	2,157,860'	61,944'
5	2,158,027'	61,937'
6	2,158,223'	61,893'
7	2,158,402'	61,832'
8	2,158,567'	61,756'
9	2,159,062'	61,753'
10	2,159,279'	61,745'
11	2,159,415'	61,710'
12	2,159,649'	61,557'
13	2,160,097'	61,183'
Str A	2,160,576'	60,875'

TOTAL LENGTH=3,567'=0.68 MILES

MURPHY 4" P/L #18

TIE	X COORDINATE	Y COORDINATE
Well 47	2,157,040'	61,667'
Str H	2,157,292'	61,827'

TOTAL LENGTH=299'=0.06 MILES

MURPHY 2" P/L #19

TIE	X COORDINATE	Y COORDINATE
Well 12	2,157,986'	61,384'
Tie-In	2,158,005'	61,468'

TOTAL LENGTH=86'=0.02 MILES

MURPHY 2"-3" P/L #20

TIE	X COORDINATE	Y COORDINATE
Well 56	2,157,360'	60,034'
2	2,157,515'	60,143'
3	2,157,692'	60,213'
4	2,157,750'	60,271'
5	2,157,738'	60,444'
Tie-In	2,158,393'	61,390'

TOTAL LENGTH=1,786'=0.34 MILES

MURPHY 4" P/L #21

TIE	X COORDINATE	Y COORDINATE
Well 41	2,154,868'	62,996'
2	2,155,069'	62,859'
3	2,155,254'	62,639'
4	2,155,512'	62,465'
5	2,155,671'	62,388'
6	2,155,749'	62,393'
7	2,155,802'	62,253'
8	2,156,087'	62,103'
9	2,156,556'	61,968'
10	2,157,006'	61,832'
Str H	2,157,286'	61,819'

TOTAL LENGTH=2,786'=0.53 MILES

MURPHY 4" P/L #22

TIE	X COORDINATE	Y COORDINATE
Str H	2,157,296'	61,806'
2	2,157,473'	61,777'
3	2,157,544'	61,782'
4	2,157,624'	61,810'
5	2,158,117'	61,806'
6	2,158,266'	61,693'
7	2,158,581'	61,600'
8	2,158,996'	61,420'
9	2,159,468'	61,247'
10	2,159,696'	61,196'
11	2,159,906'	61,121'
Str A	2,160,569'	60,861'

TOTAL LENGTH=3,455'=0.65 MILES

MURPHY 4" P/L #23

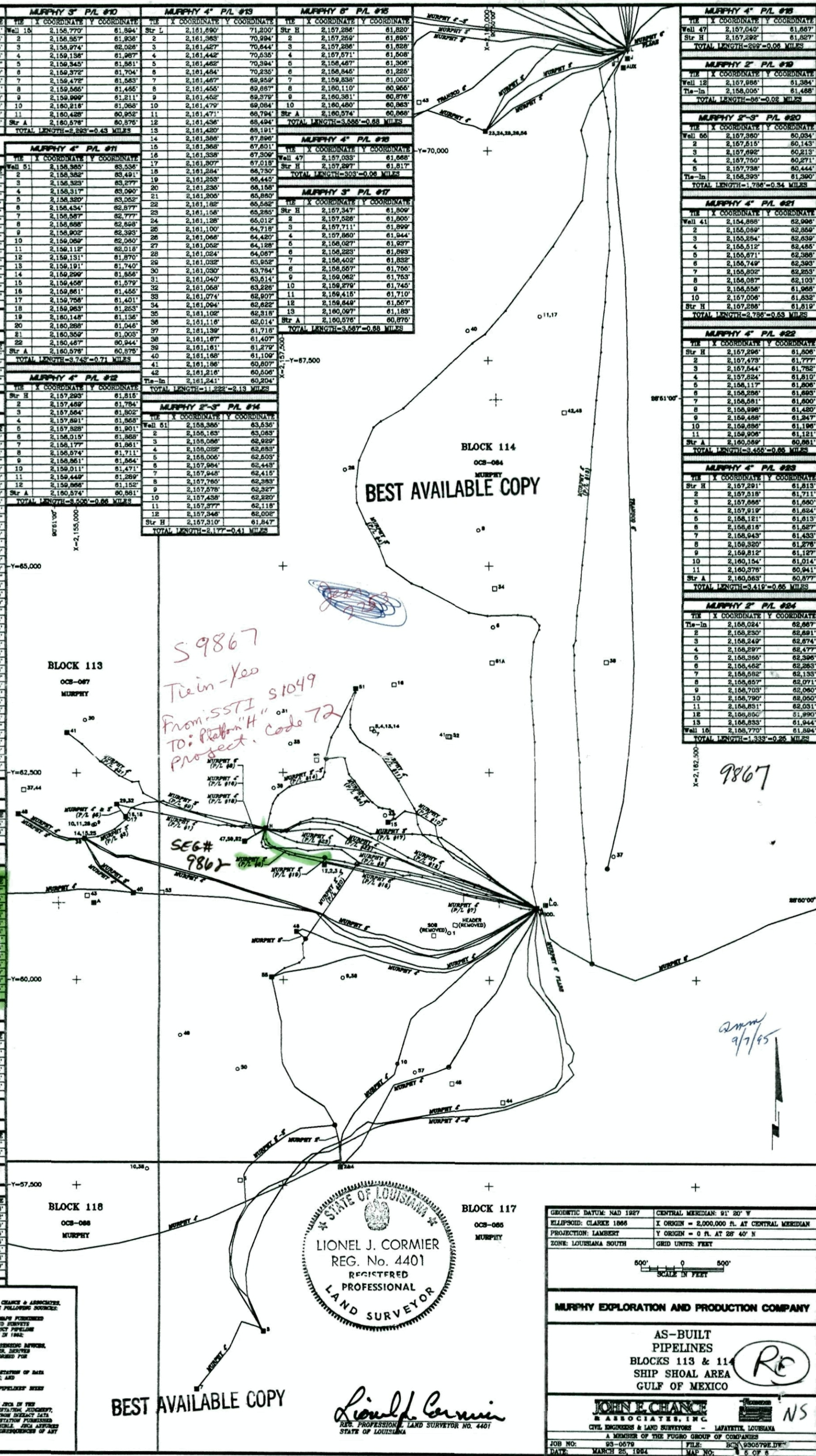
TIE	X COORDINATE	Y COORDINATE
Str H	2,157,291'	61,813'
2	2,157,518'	61,711'
3	2,157,666'	61,660'
4	2,157,919'	61,624'
5	2,158,121'	61,613'
6	2,158,616'	61,527'
7	2,158,943'	61,433'
8	2,159,320'	61,276'
9	2,159,812'	61,127'
10	2,160,154'	61,014'
11	2,160,376'	60,941'
Str A	2,160,563'	60,877'

TOTAL LENGTH=3,419'=0.65 MILES

MURPHY 2" P/L #24

TIE	X COORDINATE	Y COORDINATE
Tie-In	2,158,024'	62,667'
2	2,158,230'	62,691'
3	2,158,249'	62,674'
4	2,158,297'	62,477'
5	2,158,356'	62,396'
6	2,158,462'	62,263'
7	2,158,582'	62,133'
8	2,158,657'	62,071'
9	2,158,703'	62,060'
10	2,158,790'	62,050'
11	2,158,851'	62,031'
12	2,158,860'	61,990'
13	2,158,833'	61,944'
Well 16	2,158,770'	61,894'

TOTAL LENGTH=1,333'=0.25 MILES



THIS MAP HAS BEEN PREPARED BY JOHN E. CHANCE & ASSOCIATES, INC. (JECA) USING INFORMATION FROM THE FOLLOWING SOURCES:

1) INFORMATION DERIVED FROM "AS-BUILT" MAPS FURNISHED BY MURPHY OIL COMPANY (MURPHY) AND SURVEYS PREPARED BY OTHER ENTITIES THAT DEPICT PIPELINE POSITIONS PRIOR TO HURRICANE ANDREW IN 1992;

2) INTERPRETATION OF DATA FROM REMOTE SENSING DEVICES, e.g. SIDE SCAN SONAR AND MAGNETOMETER, DERIVED DURING AN INVESTIGATION SURVEY PERFORMED FOR MURPHY BY JECA IN 1992;

3) AN EDITING BY MURPHY OF THE INTERPRETATION OF DATA DERIVED FROM REMOTE SENSING DEVICES; AND

4) IDENTIFICATION BY MURPHY OF VARIOUS PIPELINES BY NAME AND SEGMENT NUMBERS.

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BEST AVAILABLE COPY

Lionel J. Cormier
REG. PROFESSIONAL LAND SURVEYOR NO. 4401
STATE OF LOUISIANA

GEODETIC DATUM: NAD 1927	CENTRAL MERIDIAN: 91° 20' W
ELLIPSOID: CLARKE 1866	X ORIGIN = 2,000,000 ft. AT CENTRAL MERIDIAN
PROJECTION: LAMBERT	Y ORIGIN = 0 ft. AT 28° 40' N
ZONE: LOUISIANA SOUTH	GRID UNITS: FEET

500' 0 500'
SCALE IN FEET

MURPHY EXPLORATION AND PRODUCTION COMPANY

AS-BUILT
PIPELINES
BLOCKS 113 & 114
SHIP SHOAL AREA
GULF OF MEXICO

JOHN E. CHANCE & ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS - LAFAYETTE, LOUISIANA
A MEMBER OF THE FUGRO GROUP OF COMPANIES

JOB NO:	93-0579	FILE:	BCN\930579E.DW
DATE:	MARCH 25, 1994	MAP NO:	5 OF 6

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