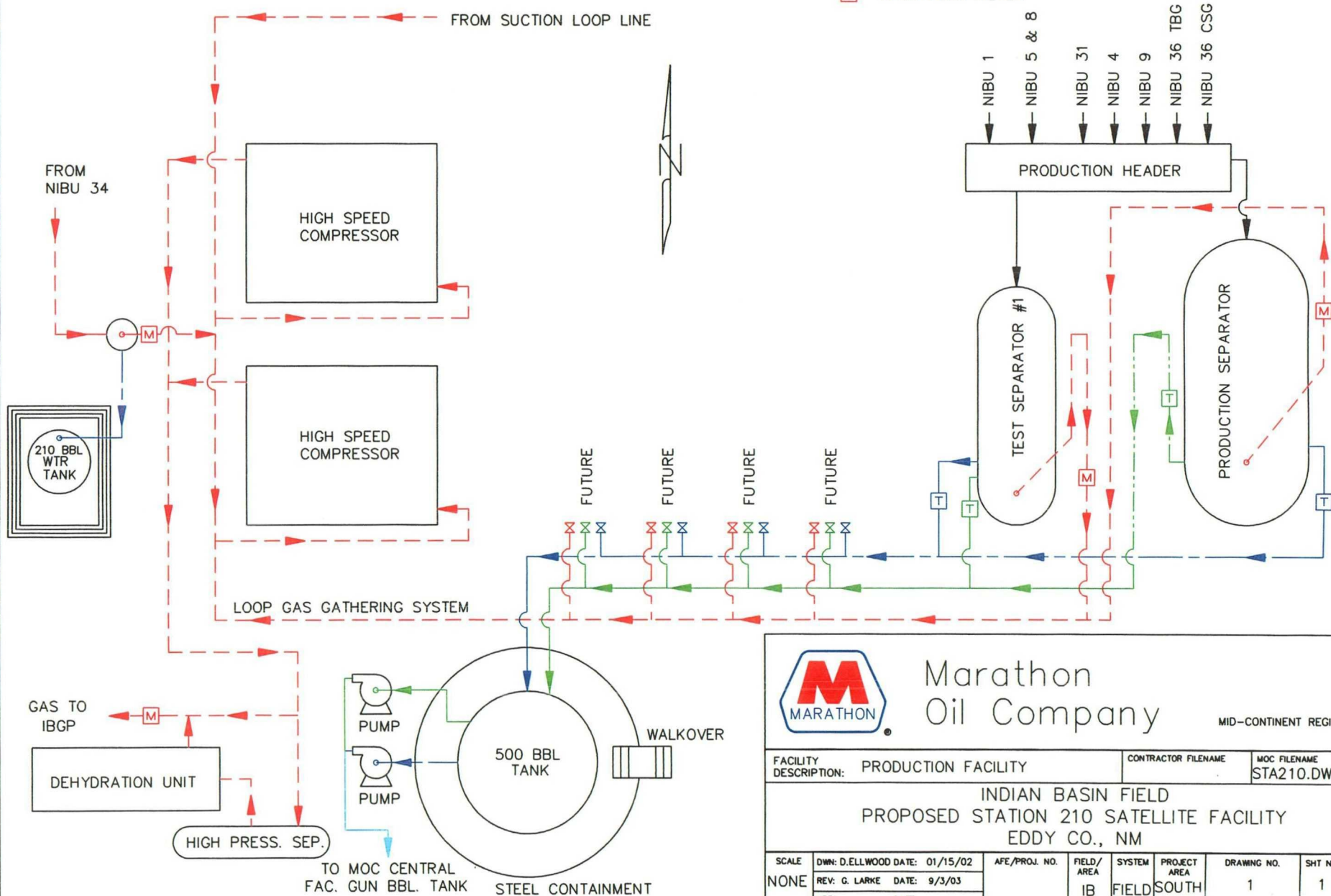MARATHON OIL COMPANY
SERVING WELLS: NIBU 1, 4, 5, 8, 9, 31, 34 & 36
STATION NO: 210
660' FSL & 660' FWL
SEC. 10, T-21-S, R-23-E
NM 05608
EDDY CO. N.M.

PRODUCED FLUIDS
GAS LINE
OIL LINE
WATER LINE
OIL & WATER LINE
T   TURBINE METER
M   MASS FLOW METER

THE FACILITY IS SUBJECT
TO THE SITE SECURITY PLAN FOR
THE INDIAN BASIN FIELD. THE
PLAN IS LOCATED AT:
MARATHON OIL CO.
329 MARATHON RD.
LAKEWOOD, NM 88259

FROM SUCTION LOOP LINE

FROM NIBU 34

HIGH SPEED COMPRESSOR

HIGH SPEED COMPRESSOR

210 BBL WTR TANK

NIBU 1
NIBU 5 & 8
NIBU 31
NIBU 4
NIBU 9
NIBU 36 TBG
NIBU 36 CSG

PRODUCTION HEADER

TEST SEPARATOR #1

PRODUCTION SEPARATOR

M

FUTURE
FUTURE
FUTURE
FUTURE

LOOP GAS GATHERING SYSTEM

T
T
M

GAS TO IBGP

M

DEHYDRATION UNIT

HIGH PRESS. SEP.

PUMP

PUMP

500 BBL TANK

WALKOVER

TO MOC CENTRAL
FAC. GUN BBL. TANK

STEEL CONTAINMENT

Marathon
Oil Company

MID-CONTINENT REGION

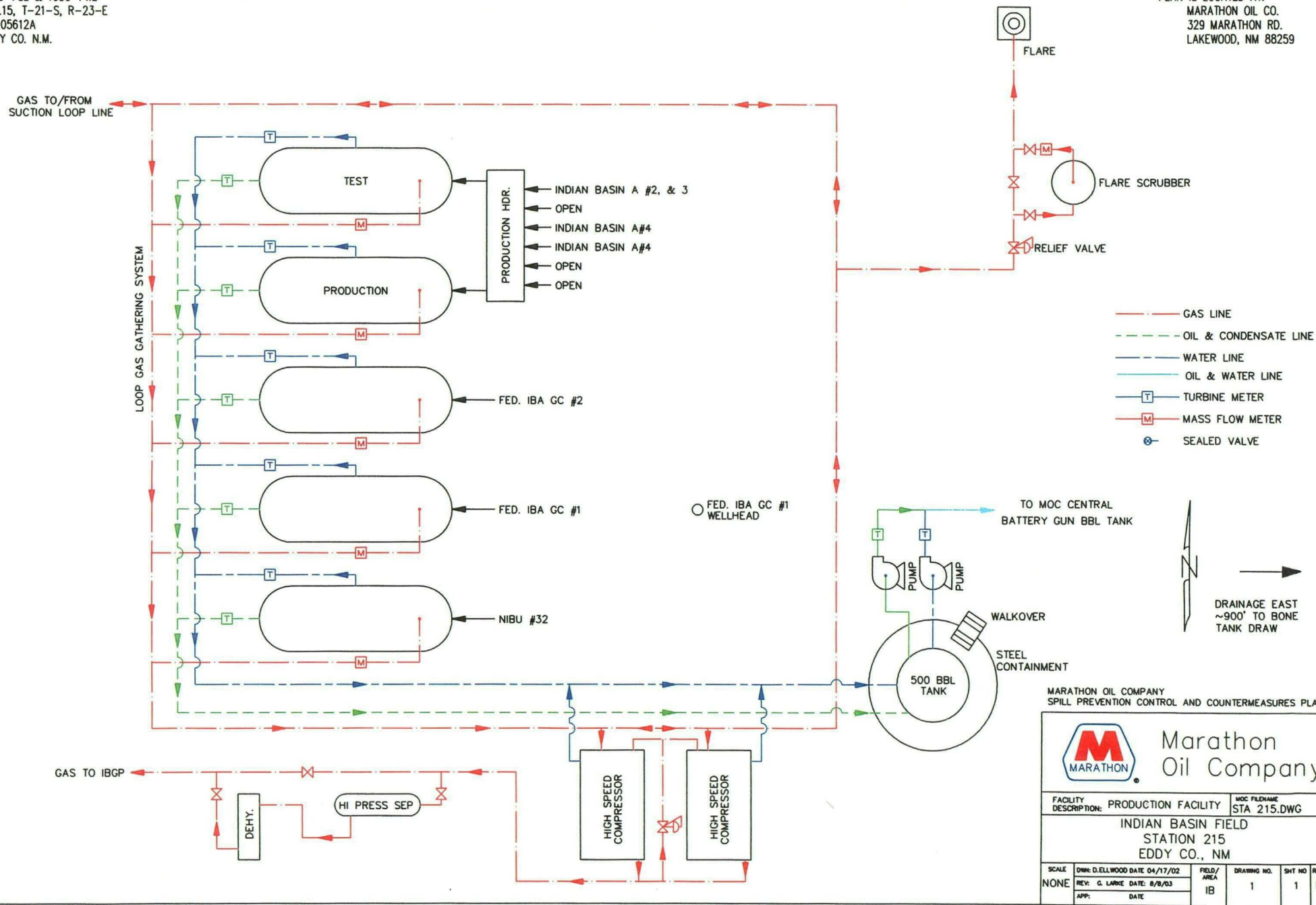| FACILITY DESCRIPTION:	PRODUCTION FACILITY			CONTRACTOR FILENAME		MOC FILENAME STA210.DWG

INDIAN BASIN FIELD
PROPOSED STATION 210 SATELLITE FACILITY
EDDY CO., NM

SCALE	DWN: D.ELLWOOD DATE: 01/15/02	AFE/PROJ. NO.	FIELD/AREA	SYSTEM	PROJECT AREA	DRAWING NO.	SHT NO	REV
NONE	REV: G. LARKE DATE: 9/3/03		IB	FIELD	SOUTH IB	1	1	G
	APP: DATE							

EXHIBIT 5

MARATHON OIL COMPANY
SERVING WELLS: INDIAN BASIN A #2, #3, #4, FED. IBA GC#2, FED IBA#1, NIBU #32
STATION NO: 215
1650' FSL & 1650' FWL
SEC.15, T-21-S, R-23-E
NM 05612A
EDDY CO. N.M.

THE FACILITY IS SUBJECT
TO THE SITE SECURITY PLAN FOR
THE INDIAN BASIN FIELD. THE
PLAN IS LOCATED AT:
MARATHON OIL CO.
329 MARATHON RD.
LAKEWOOD, NM 88259

FLARE

FLARE SCRUBBER

RELIEF VALVE

GAS TO/FROM
SUCTION LOOP LINE

TEST

PRODUCTION HDR.

INDIAN BASIN A #2, & 3
OPEN
INDIAN BASIN A#4
INDIAN BASIN A#4
OPEN
OPEN

PRODUCTION

LOOP GAS GATHERING SYSTEM

FED. IBA GC #2

FED. IBA GC #1

FED. IBA GC #1
WELLHEAD

NIBU #32

TO MOC CENTRAL
BATTERY GUN BBL TANK

PUMP
PUMP

WALKOVER

STEEL
CONTAINMENT

500 BBL
TANK

GAS LINE
OIL & CONDENSATE LINE
WATER LINE
OIL & WATER LINE
T TURBINE METER
M MASS FLOW METER
⊗ SEALED VALVE

N

DRAINAGE EAST
~900' TO BONE
TANK DRAW

MARATHON OIL COMPANY
SPILL PREVENTION CONTROL AND COUNTERMEASURES PLAN

GAS TO IBGP

HI PRESS SEP

DEHY.

HIGH SPEED COMPRESSOR

HIGH SPEED COMPRESSOR

MARATHON
Oil Company
MARATHON.

FACILITY DESCRIPTION:	PRODUCTION FACILITY	MOC FILENAME STA 215.DWG

INDIAN BASIN FIELD
STATION 215
EDDY CO., NM

SCALE NONE	DWN: D.ELLWOOD DATE 04/17/02	FIELD/ AREA IB	DRAWING NO. 1	SHT NO 1	REV E
	REV: G. LARKE DATE: 8/8/03				
	APP: DATE				

EXHIBIT 6

MARATHON OIL COMPANY
SERVING WELLS: INDIAN BASIN C #1, 2 & 3,
                AND INDIAN BASIN A #1
STATION NO: 226 (SIB)
1650' FNL & 1650' FWL
UL "F", SEC. 26, T-21-S, R-23-E
NM 070522-A
EDDY CO. N.M.

THE FACILITY IS SUBJECT
TO THE SITE SECURITY PLAN FOR
THE INDIAN BASIN FIELD. THE
PLAN IS LOCATED AT:
     MARATHON OIL CO.
     329 MARATHON RD.
     LAKEWOOD, NM 88259

LHC & WATER TO
GUN BBL. AT MOC CENTRAL FAC.

GAS TO LOOP LINE

FROM
SUCTION LOOP

IBC #1
IBC #3 TUBING
IBC #3 CASING
IBC #2
SPARE
SPARE

PROD. HDR.

TEST
SEPARATOR

PRODUCTION
SEPARATOR

TO IBGP

SUCTION
SCRUBBER

GAS TO
IBGP

500 BBL
WATER
TANK

750 BBL
GUN
BARREL

500 BBL
OIL
TANK

SCRUBBER DUMPS

GAS TO SUCTION SCRUBBER

TO FLARE

FUEL GAS

SUCTION

IBA #1
SEPARATOR

COALS. FILT.

CONT.

SCRUB.

V.R.U.

IBA #1

HIGH SPEED COMPRESSOR
HIGH SPEED COMPRESSOR
HIGH SPEED COMPRESSOR
HIGH SPEED COMPRESSOR

DEHY.

FROM
FUEL
GAS SYS.

LHC & WATER
FROM STATIONS
227 & 229

Legend:

————	PRODUCED FLUIDS LINE
—·—·—	GAS LINE
– – –	OIL/CONDENSATE LINE
– – –	OIL/CONDENSATE/WATER LINE
—·—·—	WATER LINE
—T—	TURBINE METER
—M—	MASS FLOW METER
-⊗	SEALED VALVE

FLARE

Marathon
Oil Company
MARATHON

FACILITY DESCRIPTION:	PRODUCTION FACILITY	MOC FILENAME STA226.DWG

INDIAN BASIN FIELD
STATION 226 (SIB)
EDDY CO., NM

SCALE	DWN: D.ELLWOOD DATE 01/15/02	FIELD/AREA	DRAWING NO.	SHT NO	REV
NONE	CHKD: DATE	IB	1	1	G
	APP: DATE				

EXHIBIT 7

MARATHON OIL COMPANY
SERVING WELLS: INDIAN BASIN "E" 1 & 2, AND "D" 1 & 2.
STATION NO: 227
1650' FSL & 1650' FWL
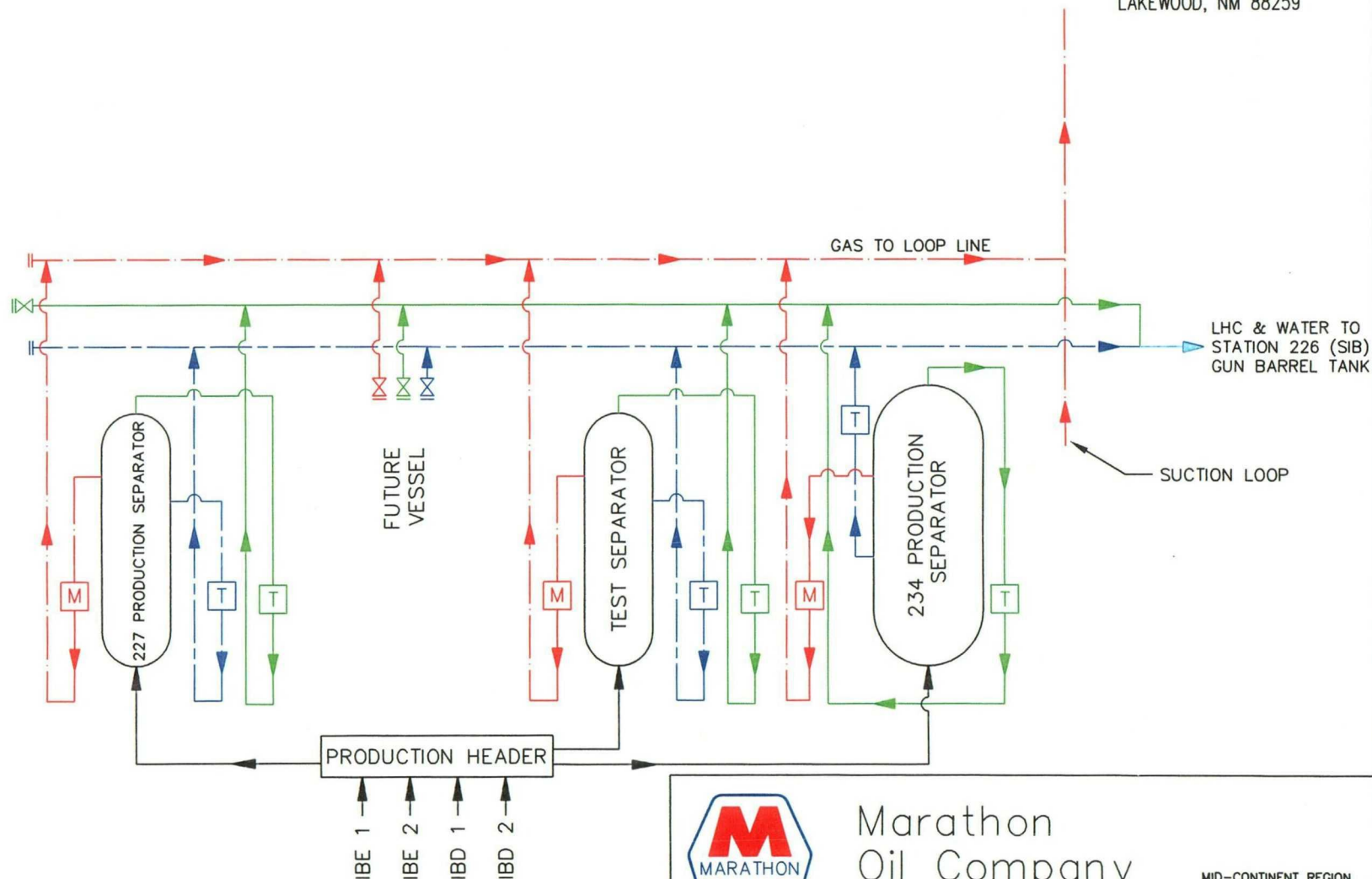SEC. 27 T- 21 -S, R- 23 -E
NM 070522A
EDDY CO. N.M.

THE FACILITY IS SUBJECT
TO THE SITE SECURITY PLAN FOR
THE INDIAN BASIN FIELD. THE
PLAN IS LOCATED AT:
MARATHON OIL CO.
329 MARATHON RD.
LAKEWOOD, NM 88259

GAS TO LOOP LINE

LHC & WATER TO
STATION 226 (SIB)
GUN BARREL TANK

SUCTION LOOP

227 PRODUCTION SEPARATOR

FUTURE VESSEL

TEST SEPARATOR

234 PRODUCTION SEPARATOR

M

T   T

M   T   T   M

T

PRODUCTION HEADER

IBE 1
IBE 2
IBD 1
IBD 2

TURBINE METER   [T]
MASS FLOW METER   [M]
GAS LINE   — · —
CONDENSATE LINE   ——
WATER LINE   — - —

Marathon
Oil Company

MID-CONTINENT REGION

FACILITY DESCRIPTION:	SATELLITE PRODUCTION FACILITY		CONTRACTOR FILENAME	MOC FILENAME STA227.DWG

INDIAN BASIN FIELD
STATION 227 SATELLITE PRODUCTION FACILITY DIAGRAM
EDDY CO., NM

SCALE	DWN: D.ELLWOOD DATE 10/30/01	AFE/PROJ. NO.	FIELD/ AREA	SYSTEM	PROJECT AREA	DRAWING NO.	SHT NO	REV
NONE	CHKD: DATE		IB	FIELD		1	1	G
	APP: DATE							

EXHIBIT 8

MARATHON OIL COMPANY
STATION NO.: 229
SERVING WELLS: FEDERAL IBC GC #1 & #2
UL "J", 1700' FSL & 1550' FEL
SEC.29 T-21-S, R-23-E
EDDY CO. N.M.

LHC & WATER TO STA. 226

GAS TO LOOP LINE

M

T

T

PRODUCTION
HEADER

PRODUCTION SEPARATOR

FED IBC GC #1

FED IBC GC #2 TBG.

FED IBC GC #2 CSG.
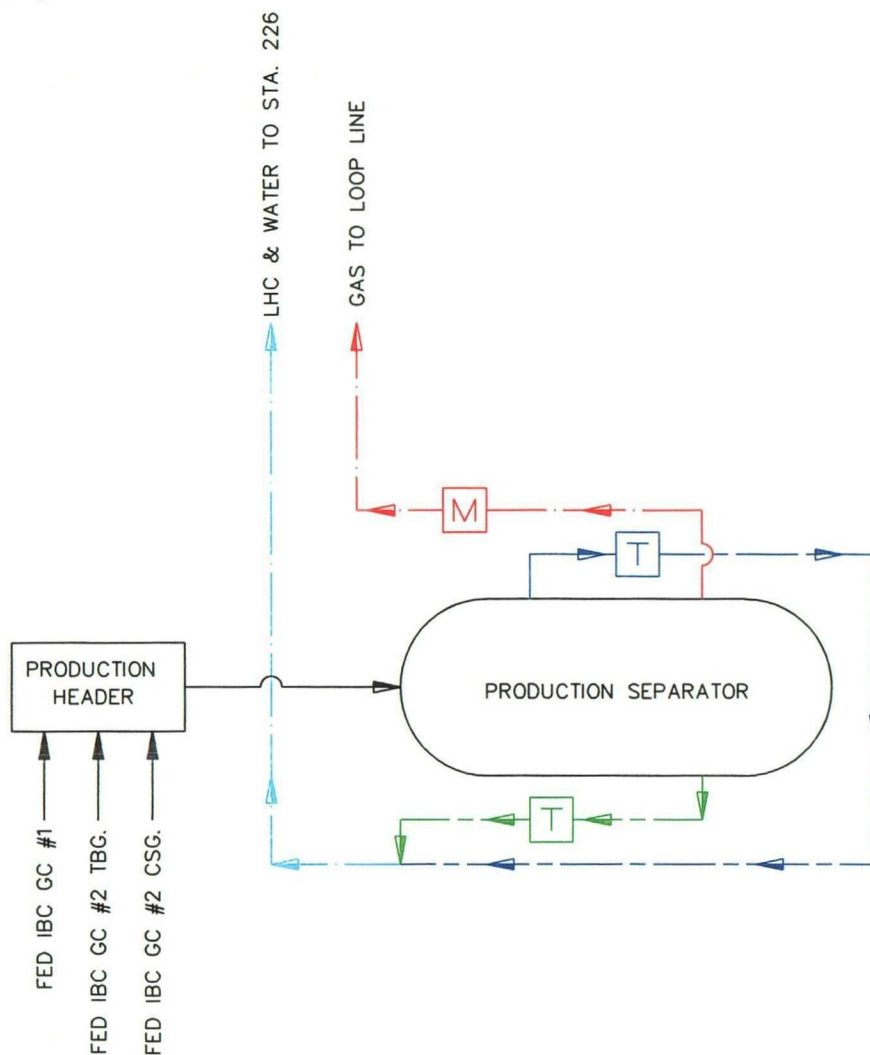
——— · ——— GAS LINE

——— · ——— OIL & WATER LINE

— — — — OIL LINE

— — — WATER LINE

MARATHON	Marathon Oil Company	

FACILITY DESCRIPTION:	PRODUCTION FACILITY	MOC FILENAME STA229.dwg

INDIAN BASIN FIELD
229 SATELLITE FACILITY
EDDY CO., NM

SCALE	DWN: D.ELLWOOD DATE 01/15/02	FIELD/ AREA	DRAWING NO.	SHT NO	REV
NONE	CHKD: DATE	IB	1	1	C
	APP: DATE				

EXHIBIT 9

MARATHON OIL COMPANY
SERVING WELLS: FEDERAL C "35" #1, #2, #3 & #4
STATION 235
800' FSL & 800' FWL
SEC.35 T-21-S, R-23-E
NM 06953
EDDY CO. N.M.

LOOP GAS GATHERING SYSTEM

THE FACILITY IS SUBJECT
TO THE SITE SECURITY PLAN FOR
THE INDIAN BASIN FIELD. THE
PLAN IS LOCATED AT:
    MARATHON OIL CO.
    329 MARATHON RD.
    LAKEWOOD, NM 88259

LHC & WTR
TO MOC
CENTRAL
FACILITY
GUN BARREL
TANK

TO IBGP

500 BBL
WATER
TANK

TRANSFER
PUMPS

TEST SEP.

PROD. SEP.

HEADER

235-1 TBG.
235-1 CSG.
235-3 TBG.
235-3 CSG.
235-2
235-4

LHC & WATER
FROM STATION 311

N

SUCTION
SCRUB.

FED C 35-2
WELLHEAD

HIGH SPEED
COMPRESSOR

- - - - - - GAS LINE
— - — OIL LINE
—··—··— WATER LINE
———— PRODUCED FLUIDS
- - M - - MASS FLOW METER
—··T··— TURBINE METER
—··⊗··— SEALED VALVE

Marathon
Oil Company
MARATHON®
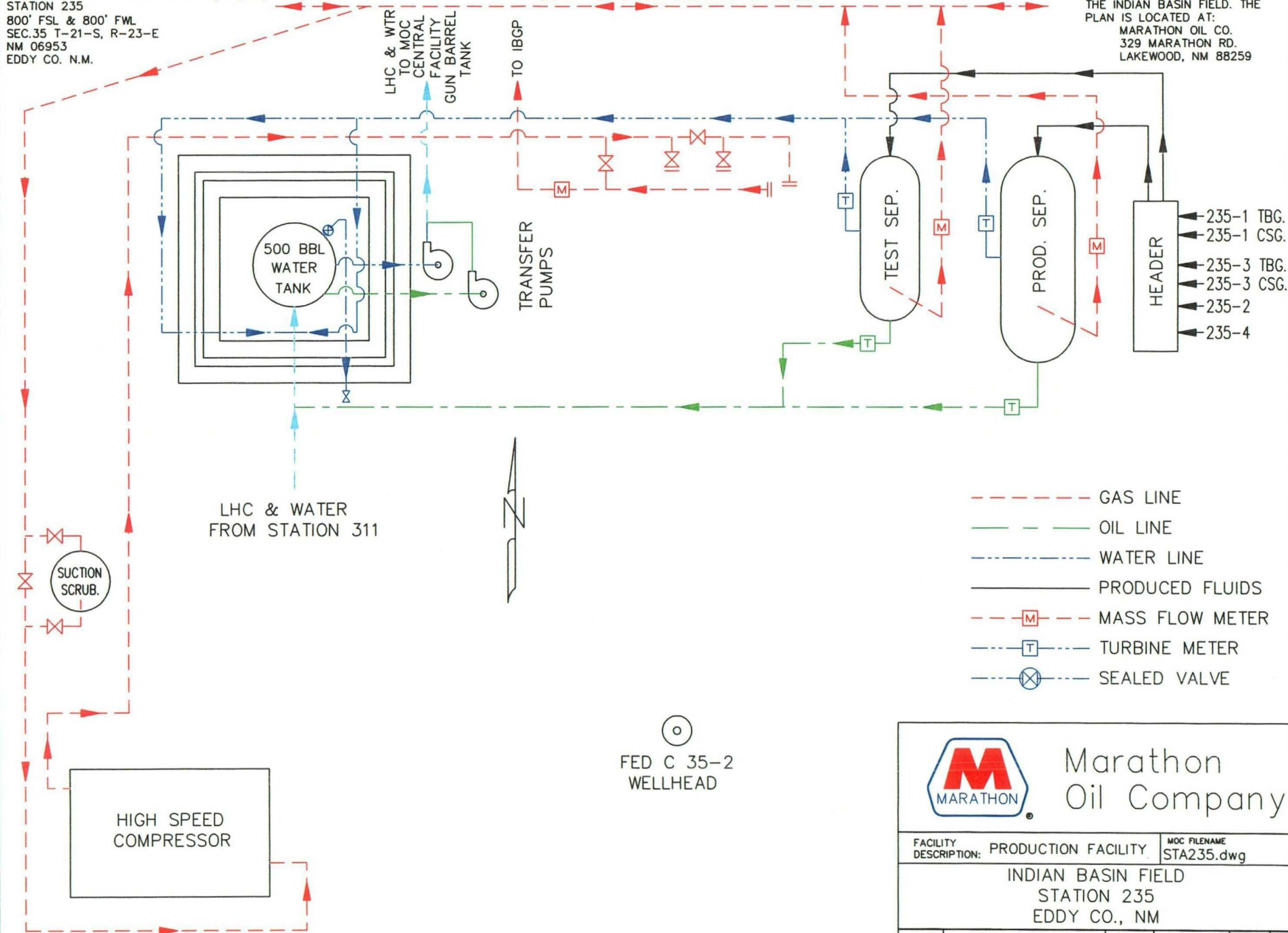
FACILITY DESCRIPTION:	PRODUCTION FACILITY	MOC FILENAME STA235.dwg

INDIAN BASIN FIELD
STATION 235
EDDY CO., NM

SCALE	DWN: D.ELLWOOD DATE 04/17/02	FIELD/ AREA	DRAWING NO.	SHT NO	REV
NONE	CHKD: DATE	IB	1	1	D
	APP: DATE				

EXHIBIT 10

MARATHON OIL COMPANY
STATION NO.: 311 - SMITH FEDERAL
SERVING WELLS: SMITH FEDERAL WELLS #1, #2 & #3
UL "F", 1650' FNL & 1650' FWL
SEC.11 T-22-S, R-23-E
NM 0251099-A
EDDY CO. N.M.

TANK OUT
OF SERVICE

OIL OR
WATER
TANK

WATER
TANK
OUT OF SERVICE

TO IBGP

VESSEL POP-OFF LINE

TO IBGP

SM.FED 1

SM. FED. #1
SPARE HEADER
SPARE HEADER
SM. FED. #2
SM. FED. #3 TBG.
SM. FED. #3 CSG.

PROD. HEADER

TEST SEPARATOR

PROD. SEPARATOR

T

T

M

M

LHC & WATER TO STA. 235

GAS TO LOOP LINE

CATTLE GUARD

FENCE LINE

⊗ SEALED VALVE

—M— MASS FLOW METER

—T— TURBINE METER

— — — GAS

—·—·— OIL

—··—··— WATER

———— PRODUCED FLUIDS

Marathon
Oil Company

MARATHON

FACILITY DESCRIPTION:	PRODUCTION FACILITY	MOC FILENAME STA311.DWG

INDIAN BASIN FIELD
STATION 311
EDDY CO., NM

SCALE	DWN: D.ELLWOOD DATE 04/17/02	FIELD/ AREA	DRAWING NO.	SHT NO	REV
NONE	CHKD: DATE	IB	1	1	D
	APP: DATE				

EXHIBIT 11

MARATHON OIL COMPANY – NIBU 11 SATELLITE FACILITY
SERVING WELLS: NIBU GC 3, NIBU 10, 11, 12, 16, 17, 18, 19, 20,
21, 22, 24, 25, 27, 30, COMANCHE FED "3" NO's 1 AND 2.
UL "O", SEC.2, T–21–S, R–23–E
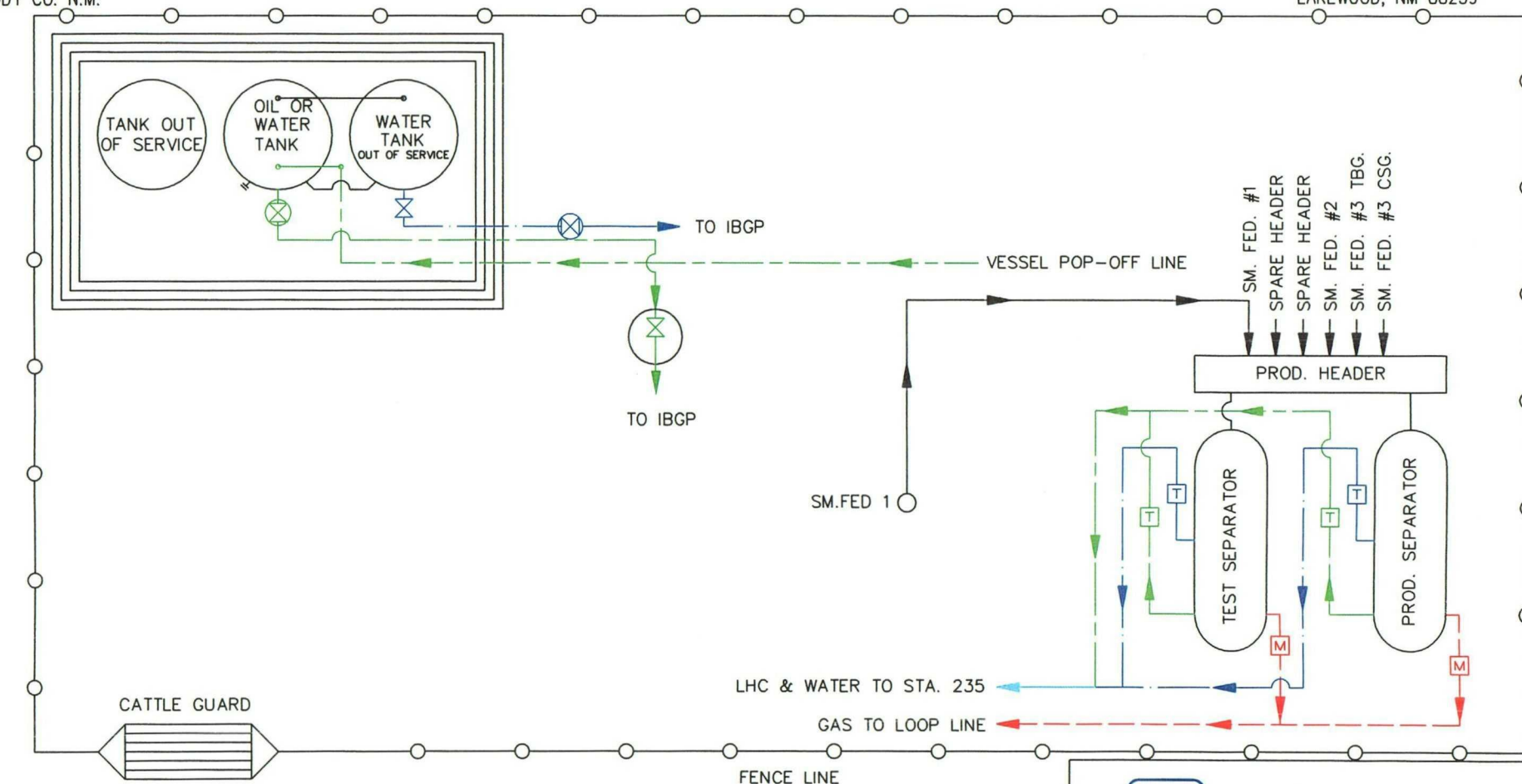NM 05551
EDDY CO. N.M.

FROM SUCT. LOOP

THE FACILITY IS SUBJECT
TO THE SITE SECURITY PLAN FOR
THE INDIAN BASIN FIELD. THE
PLAN IS LOCATED AT:
MARATHON OIL CO.
329 MARATHON RD.
LAKEWOOD, NM 88259

FLARE

VENT

LOOP GAS GATHERING SYSTEM

SUCTION
SCRUBBER

HIGH SPEED
COMPRESSOR

HIGH SPEED
COMPRESSOR

HIGH SPEED
COMPRESSOR

FUTURE SITE
OF SCREW
COMPRESSOR

COMANCHE PRODUCTION SEPARATOR

NIBU PRODUCTION SEPARATOR

TEST SEPARATOR 2

TEST SEPARATOR 1

PRODUCTION HEADER

SPARE
COMFED3–1
COMFED3–2
NIBU GC 3
SPARE

NIBU11
SPARE
NIBU30 C & T
NIBU27
NIBU25

NIBU24
NIBU16
NIBU22
NIBU21
NIBU17

NIBU12
NIBU20
NIBU19
NIBU18
NIBU10

FROM FUEL GAS SYSTEM

DEHYDRATION

HIGH
PRESSURE
SEPARATOR

GAS TO
IBGP

GAS LINE
OIL LINE
WATER LINE
OIL & WATER LINE
FUEL GAS LINE
⊗ SEALED VALVE
Ⓜ MASS FLOW METER
Ⓣ TURBINE METER

TRUCK
LOADING

CROSSOVER

TRUCK
LOADING

300 BBL
OIL
TANK

300 BBL
OIL
TANK

300 BBL
WATER
TANK

LHC & WATER TO MOC CENTRAL FAC.

EXHIBIT 4

Marathon
Oil Company

MARATHON

FACILITY
DESCRIPTION: PRODUCTION FACILITY

MOC FILENAME
NIBUFACILITIES.DWG

INDIAN BASIN FIELD
PROPOSED NIBU 11 SATELLITE FACILITY
EDDY CO., NM

SCALE	DWN: D.ELLWOOD DATE 02/06/02	FIELD/AREA	DRAWING NO.	SHT NO	REV
NONE	CHKD: DATE	IB	1	1	G
	APP: DATE				

MARATHON OIL COMPANY
MOC CENTRAL PRODUCTION FACILITY
760' FNL & 660' FWL
SEC.1, T-21-S, R-23-E
EDDY CO. N.M.
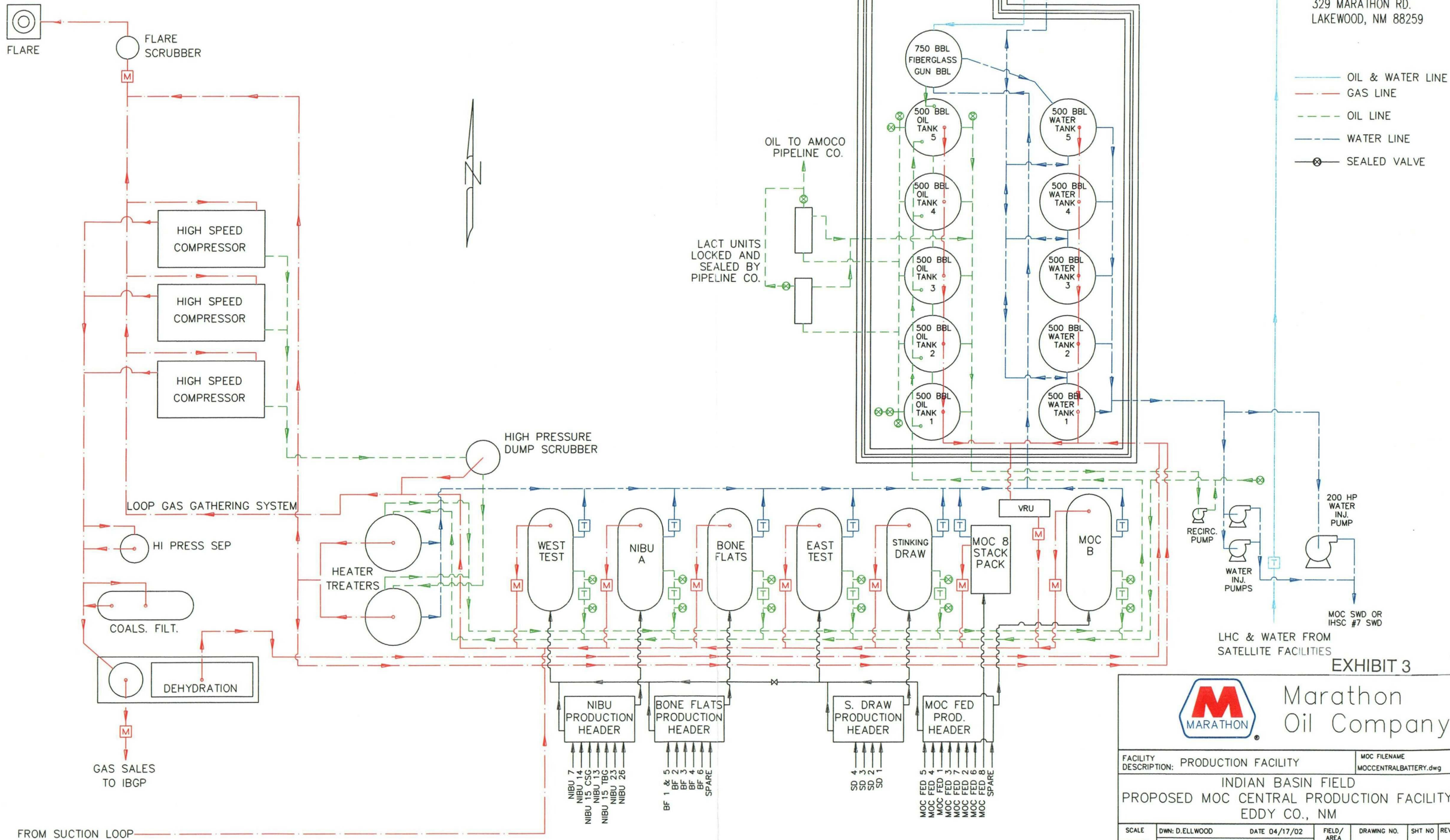
THE FACILITY IS SUBJECT
TO THE SITE SECURITY PLAN FOR
THE INDIAN BASIN FIELD. THE
PLAN IS LOCATED AT:
MARATHON OIL CO.
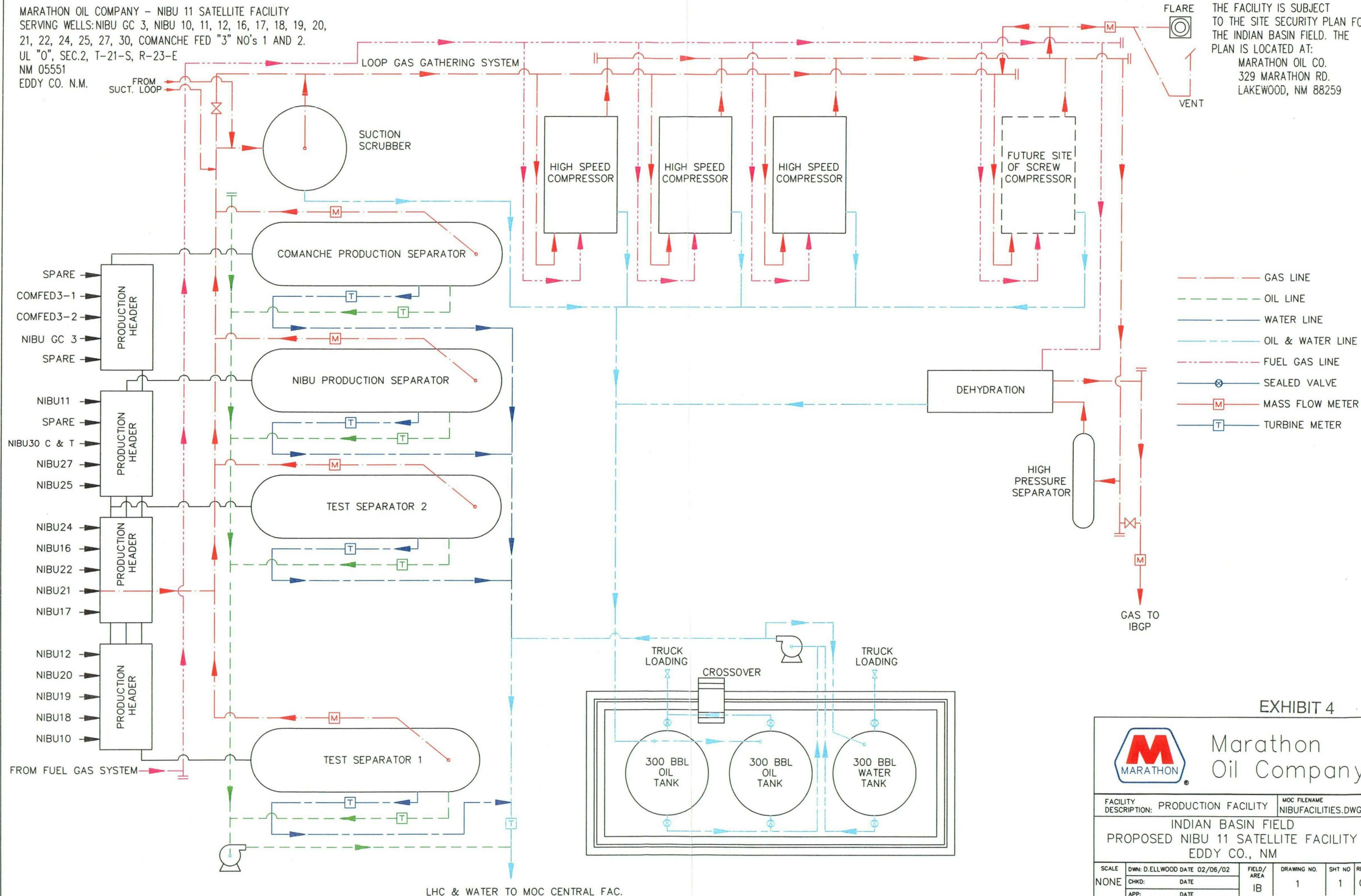329 MARATHON RD.
LAKEWOOD, NM 88259

FLARE

FLARE
SCRUBBER

M

—————— OIL & WATER LINE
— · — · — GAS LINE
— — — — OIL LINE
— · · — · · WATER LINE
—⊗— SEALED VALVE

HIGH SPEED
COMPRESSOR

HIGH SPEED
COMPRESSOR

HIGH SPEED
COMPRESSOR

LOOP GAS GATHERING SYSTEM

HI PRESS SEP

COALS. FILT.

DEHYDRATION

M

GAS SALES
TO IBGP

FROM SUCTION LOOP

HEATER
TREATERS

HIGH PRESSURE
DUMP SCRUBBER

OIL TO AMOCO
PIPELINE CO.

LACT UNITS
LOCKED AND
SEALED BY
PIPELINE CO.

750 BBL
FIBERGLASS
GUN BBL

500 BBL
OIL
TANK
5

500 BBL
WATER
TANK
5

500 BBL
OIL
TANK
4

500 BBL
WATER
TANK
4

500 BBL
OIL
TANK
3

500 BBL
WATER
TANK
3

500 BBL
OIL
TANK
2

500 BBL
WATER
TANK
2

500 BBL
OIL
TANK
1

500 BBL
WATER
TANK
1

WEST
TEST

NIBU
A

BONE
FLATS

EAST
TEST

STINKING
DRAW

MOC 8
STACK
PACK

VRU

MOC
B

RECIRC.
PUMP

WATER
INJ.
PUMPS

200 HP
WATER
INJ.
PUMP

MOC SWD OR
IHSC #7 SWD

LHC & WATER FROM
SATELLITE FACILITIES

NIBU
PRODUCTION
HEADER

BONE FLATS
PRODUCTION
HEADER

S. DRAW
PRODUCTION
HEADER

MOC FED
PROD.
HEADER

NIBU 7
NIBU 14
NIBU 15 CSG
NIBU 15 TBG
NIBU 23
NIBU 26

BF 1 & 5
BF 2
BF 3
BF 4
BF 6
SPARE

SD 4
SD 3
SD 2
SD 1

MOC FED 5
MOC FED 4
MOC FED 1
MOC FED 3
MOC FED 7
MOC FED 2
MOC FED 6
MOC FED 8
SPARE

EXHIBIT 3

Marathon
Oil Company

MARATHON

FACILITY DESCRIPTION:	PRODUCTION FACILITY	MOC FILENAME	MOCCENTRALBATTERY.dwg

INDIAN BASIN FIELD
PROPOSED MOC CENTRAL PRODUCTION FACILITY
EDDY CO., NM

SCALE	DWN: D.ELLWOOD	DATE 04/17/02	FIELD/ AREA	DRAWING NO.	SHT NO	REV
NONE	REV.: G. LARKE	DATE: 9/3/03	IB	1	1	G
	APP:	DATE				

INDIAN BASIN UPPER PENN GAS POOL

SOUTH DAGGER DRAW UPPER PENN ASSOCIATED GAS POOL

R-23-E

ST K1877 | Stinking Draw

36

T-20 1/2-S

MOC Central Facility
UL "D", Section 1, T-21-S, R-23-E
OCD Commingling   Order # PLC 124

NOT TO SCALE

R-23-E

R-23-E

North Indian Basin   Lease
NM 05607

Comanche Federal "3"
US NM4384623
COM # NM SW242

North Indian Basin Unit
US NM 04827B   NM-05551

MOC Federal
US NM-04827B

T-20 1/2-S

4

3

North Indian Basin Gas Com
NM 05608
COM # NM SW242

23   14

26   15
                    2
         ST E7906

2

3

13

ST E-10169

O 1

O 4

O 2

O 3

O 5

O 1

34
Morrow

20

ST E10170

18

4   8
         Morrow

O 2

12   11

6   O 7

North Indian Basin Unit Lease
US NM-05551

North Indian Basin Unit Lease
US NM 51107

North Indian Basin Unit Lease
NM 05608

24   10
                 30

Lone Flats Federal "12"
COM # NM-91035
US NM-05608

US NM-05608

9

10

NIBU 11 SATELLITE FACILITY   17

O 1

O 2   O 5

NM81677

5

21
Morrow

27   US NM-05608   11
       US NM-05551   25

NM05551B NM81677B

12

O 3

NM-05551

8

16   O 7

22   19

O 4   O 6

NM-05551

STATION
210

1

North Indian Basin Unit

NM 1832

North Indian Basin Com Lease
NM05608
COM #SW-280

36

ST E10170   16

32

9   4

15
NM05612A   NM0384628
COM # SW-280

2

North Indian Basin Unit Lease

STATION
215

1

Federal "IBA" Gas Com Lease

T-21-S

INDIAN BASIN "A" LEASE

1

3

#3   #4

22

INDIAN BASIN UPPER PENN GAS POOL

21

#2

#1

Oryx Bright Federal Lease   NM-05612-A

FEDERAL IBC LEASE
NM-0384625
COM # SW-342

INDIAN BASIN "E" LEASE
NM-070522-A

STATION
226

29

#2

27

#1

26

#1   STATION
229

STATION
227

#3

#2

#1

INDIAN BASIN "C" LEASE
NM-070522-A

#2

Kerr-McGee Federal 28 Lease

Communitization Boundry Line

Lease Line

Pool Boundry Line

North Indian Basin Unit Boundry Line

#1

#2

34

#4

35

#1

#3

INDIAN BASIN "D" LEASE
NM-034446

#2   FEDERAL C 35 LEASE
NM-06953

R-23-E

INDIAN BASIN UPPER PENN GAS POOL   INDIAN BASIN UPPER PENN ASSOCIATED GAS POOL

R-23-E

T-22-S

#1   #3

11

#2

SMITH FEDERAL LEASE
NM-251099A

EXHIBIT 1