PLAINTIFF'S EXHIBIT

CHV-722

105-83 Misc. Small Jobs '56

Chevron BB
013445

GAS RECOV. MISC. JOB FILE

MEMORANDUM GO-144

TO: MR. DPL Attn CDH 12/27/1957

FROM: MR. JEH / RCND

SUBJECT: GAS Recovery Comp A/C E-SO24 OUR FILE:

Inspection Report 11/27/57 YOUR FILE:

Please individually test tubes in bundle removed 11/27/57. Pull leakers & other tubes as directed by Inspectors for sectioning. Retube sections as required based findings of Inspectors.

cc WJR

WHEN REPLY IS REQUIRED, FORWARD ORIGINAL AND ONE COPY. GO-144 (6,000M-4-56)

Chevron BB
013446

To JKO Date 9/9/57 Job No. 105 83

From DBY Appropriation No. —

JOB STATUS REPORT

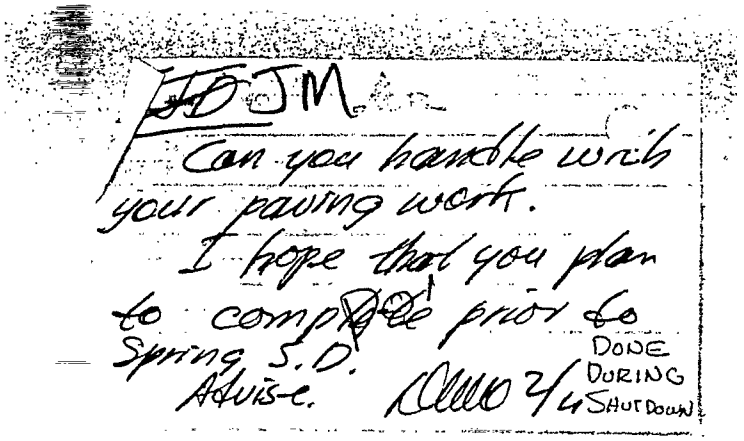
BACKGROUND:

PRESENT SITUATION: These misc. 1956 Gas Recovery jobs are all complete.

RECEIVED
SEP 9 1957
J. K. OLSEN

ACTION TO BE TAKEN:

Chevron BB
013447


EDJM
Can you handle work your paving work.
I hope that you plan to complete prior to Spring S.D.
Advise.
DONE DURING SHUTDOWN

MEMORANDUM GO-144

TO D M O'Neill FEB 1 1957 195 7

FROM L. A. Durnford D. M. O'NEILL

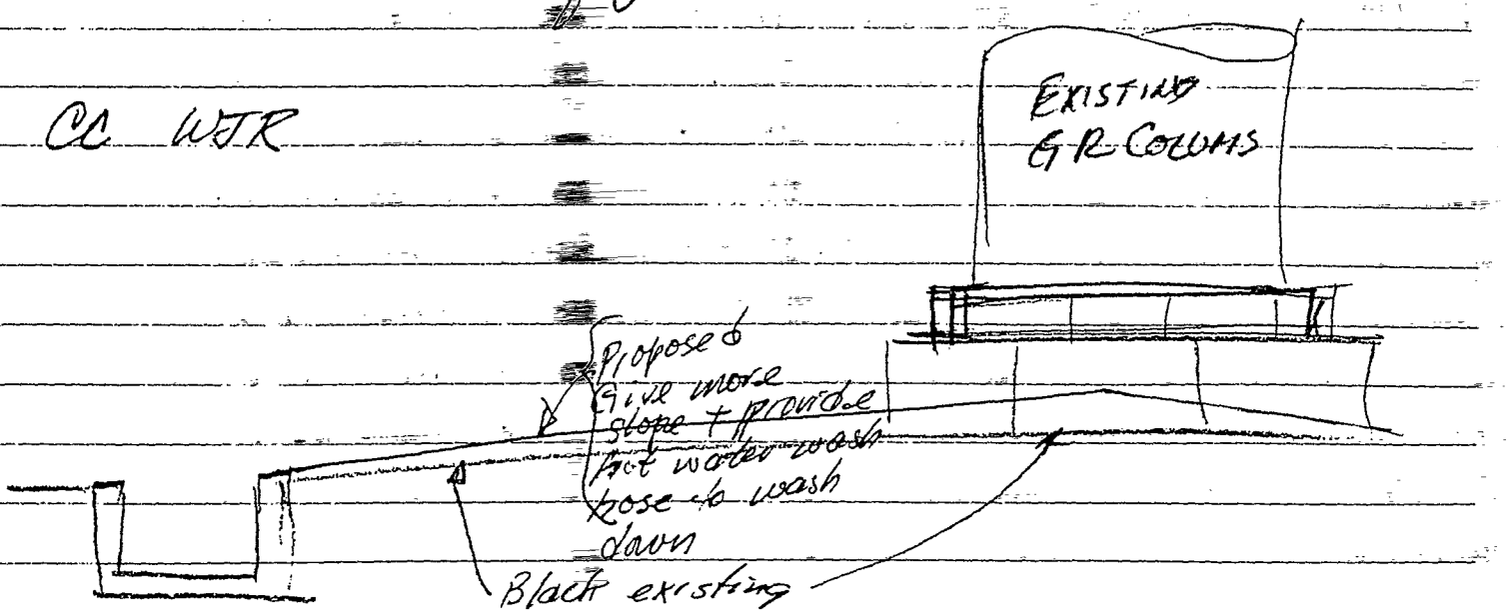
SUBJECT: Oil Drainage - Gas Recovery Area CUR FILE :

YOUR FILE.

As discussed with you in the field on 1/31/57, please estimate the cost of installing a cement cap over the low section of cement paving paving west of the Gas Recovery fractionating absorber, debutanizer and reruns columns to eliminate low spots and provide for better oil drainage. Also estimate cost of providing a hot water hose to facillilate washing down heavy oils to the sewer.

The oil standing under the reboilers in this area causes a slippery, unsafe footing for operators working in the area. In addition the standing pools of oil could add to any fire in the area and make it impossible to get to the valves necessary to shut down the equipment.

CC WJR



WHEN REPLY IS REQUIRED, FORWARD ORIGINAL AND ONE COPY. GO-144 (50M-10-53)

Chevron BB
013449

REQUEST FOR ADDITION OR ALTERATION

TO EXISTING EQUIPMENT

TXM-152

Date: 5/14/57

TO: Engineering & Maintenance Dept.

Attention: DM O'Neill :

Proposal or Title of Request: Extend steam tracing trap discharge under D513 (Olefin surge drum) to condensate header (Can be connected to connection at south end of condensate header or to trap at base of D514

Reason (Situation): discharge of water makes puddle under olefin drum

Justification (Unsafe condition, improved operation, payout, etc.): Unsafe and slippery footing in area -

Urgency (Desired completion date. No Rush except for unusual circumstances): As soon as possible

Requested by: L A Stanford Received by: [signature]

Date: 5/16/57

Approved by: [signature] Estimated Cost: $100

Est. Completion Date: 5/30/57

TXM-152

Chevron BB
013450

REQUEST FOR ADDITION OR ALTERATION

TO EXISTING EQUIPMENT

TXM-152

Date: 5/14/57

GO-113 to Maint 6/10/57

TO: Engineering & Maintenance Dept.

Attention: DM O'Neill :

Proposal or Title of Request: Provide hold back hook on southeast corner of F501 furnace to hold chains from chain operated valves

Reason (Situation): chains hang down in walkway

Justification (Unsafe condition, improved operation, payout, etc.): Unsafe condition - chains hang where they could strike operators in face — Recommended by Safety Insp. Committee

Urgency (Desired completion date. No Rush except for unusual circumstances): As soon as possible

Requested by: L A Lunsford

Received by: [signature]

Date: 5/16/57

Approved by: [signature]

Estimated Cost: $50 or less

Est. Completion Date: 5/30/57

TXM-152

Chevron BB
013451

WORK REQUISITION
GO-113

TO COST NOT MORE THAN

35846

TO D.P. LYNCH ATTN C.O. HALL 11/19/56

TO BE USED FOR RETUBE SPARE E-502 B BUNDLE

CHARGE TO MFG. EXP. 105-04 (SEE BELOW)

EQUIPMENT READY: DATE 11/19/56; COMPLETE AS SOON AS POSSIBLE N/O N/T

INSTRUCTIONS: CONFIRMING PHONE O'NEILL TO HALL, PLEASE RETUBE THE SPARE BUNDLE FOR E-502B (REMOVED FROM UNIT AT SPRING SHUTDOWN) WITH 3/4" - 16 [illegible] TUBES. THIS WORK SHOULD BE DONE AS SOON AS POSSIBLE BECAUSE ONE OF THE E-502 BUNDLES IS NOW LEAKING.

PLEASE HAVE C. HEIST ACCUMULATE MAN HOURS SPENT ON THIS JOB SO THAT WE MAY USE IT IN FUTURE ESTIMATES.

APPROVED BY	DATE COMPLETE
ASSIGN TO	ACTUAL COST

SIGNED D. M. O'Neill

DUPLICATE

GO-113 (7500 BKS 11-49)

Chevron BB
013452

NOV 19 1956

D. M. O'NEILL

E-502 LEAK?

1. Hollis Pritchett - reports leak believed in E-502

2. Per Ed. Dulaney - found leak about a week or so ago during T.C. shutdown when bleeder on return water pumps gave off gas. Tracked it down to E-502A & B

Chevron BB
013453

NOV 19 1956

D. M. O'NEILL

E-502A → E-501B

E-502B → New 3/56

E-501B → E-502A →

E-502C

During TC S.D.

Return CW pump gassy

E-502 - 1/2" vent - same gas coming out

Chevron BB
013454

NOV 20 1956

D. M. O'NEILL

E-502A

SWECO JOB No P-9261

FILE 13140

8/13/51

1480 SQ FT (2 SHELLS SERIES)

#1 / tube + tubes

Estimated figure

DRAFTING WORK REQUEST

JOB TITLE TEMP. PROPANE LINE TO W.O. 105-83

DRAWING TITLE GAS. RECOV COMP. K-504

DWG. NO.

ENGINEER [illegible] DATE 11/2/56 REQUIRED COMPLETION DATE* 11/16/56

APPROVED BY

INSTRUCTIONS TO DRAFTSMEN

IF REVISION, CHANGE REVISION NUMBER. ☐ YES ☐ NO

1.- Please make sketches as req'd to tie-in propane to K-504 for checking out of Compressor on propane as fuel. (Will be run on prop after R-250)
2.- Review with me
3.- GO-113 for installation

ESTIMATED COMPLETION DATE BY DRAFTING DIVISION

DRAFTSMAN STARTED READY FOR CHECKING

CHECKER DATE CHECKED

FILL OUT IN DUPLICATE

FORWARD BOTH COPIES TO RESPONSIBLE HEAD PROJECT DRAFTSMAN WHO WILL RETAIN ORIGINAL AND RETURN DUPLICATE TO ORIGINATOR SHOWING ESTIMATED COMPLETION DATE AND INITIALS OF DRAFTSMAN.

*REQUIRED COMPLETION DATE SHOULD ALLOW AS MUCH TIME AS POSSIBLE CONSISTENT WITH REQUIREMENTS OF JOB.

EF-21 (4M-CD-1-55)
PRINTED IN U.S.A.

Chevron BB
013456

VMO — this is an idea Speed Hunt came up with last summer

Jas

Move interface level controller from

Lower Reflux water Elements on D-504
LC-524

& control Valve (looks like 3/4" - nameplate gone)

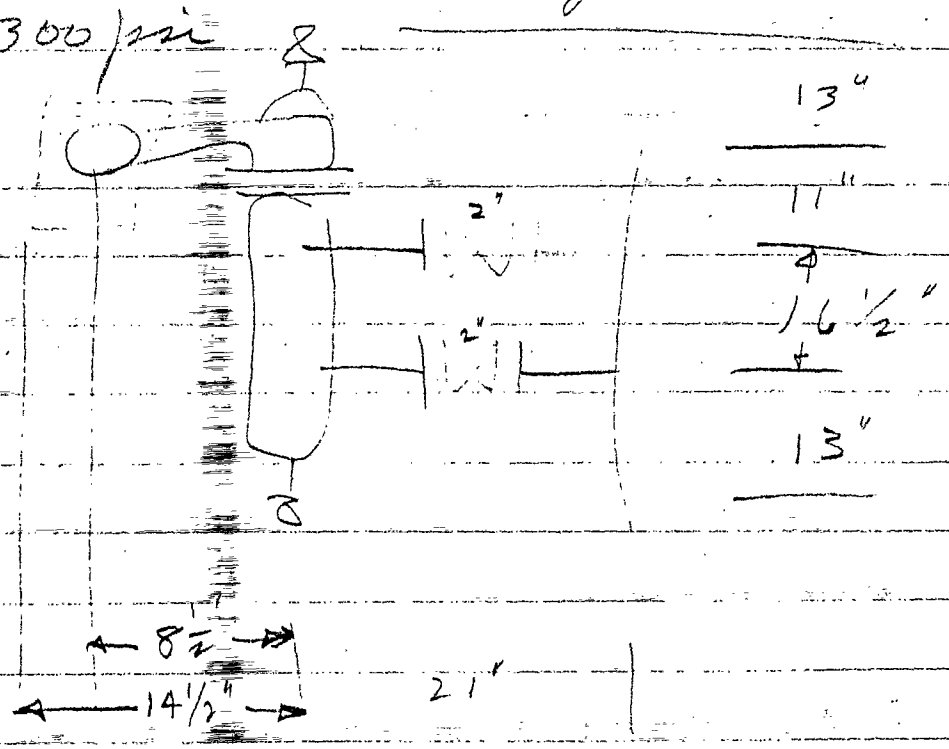
To D-516 on water drum

(what S.G. designed for)

Mason-Neilan Model No 12602

Ser F 6564 Range 14 inches

300 psi



per Wilcher who says they only draw off H_2O at great intervals from D-504

Chevron BB
013457

DMO,

The make-up Gas To D-501 always gives wide PRESS fluctuations on Start-up. Considering the Volume of this system this probably means an oversized valve or need of a controller.

I have never had the time to dig into it beyond this

JAL

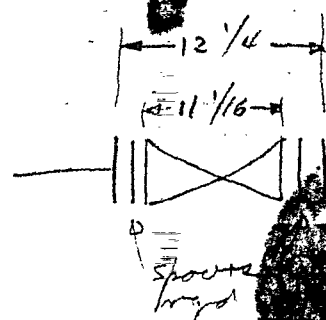
Chevron BB
013458

PC - 561

Mason - Neilan Model 2700
Ser # F 7559
Reverse acting Prop Bad Set at 4.5
(3 - 50 range)
14" Vac to .9 psig

increase measured pressure decreases
control air pressure [illegible] valve
(Valve closes on [illegible]

Control Valve [illegible] bar
looks like an anti[illegible]



Next Shut do[illegible] - INST[illegible]
watch & adjust [illegible]
when bringing on [illegible]

SHUTDOWN REPAIRS

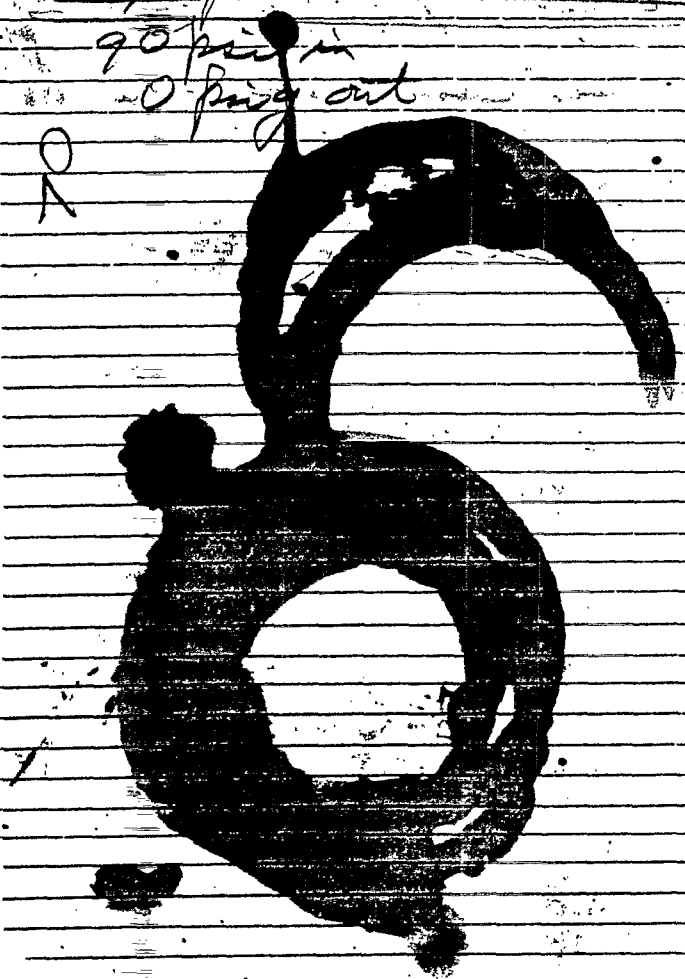
UNIT

DATE

TXM-343
(3/54)

INSTRUCTIONS:

Sig for 100000 SCFH
90 psig in
0 psig out



REVIEWED BY:

(Use reverse side for sketch)

Chevron BB
013460

Possibly a Smaller Valve
Size for 90 psi to 0 psi

160,000 SCFH (2 compressors half loaded)
(Can go on bypass for part if desired)

Maybe we need reset action on the controller

TAKE OUT JOB FOR

2/7/06

INSTALL D/P CELL ON LIQ FD TO FRAC. ABSORBER ON PRESENT FE-527 WHICH IS BEING CHANGED OUT BY ETG.

200" D/P REQ'D

$\beta = 0.725$ FOR FLOW REQ'D

FR ON LIQUID TO E-502 IS NO LONGER REQ'D

~~1. Carrier Compressor~~

~~2. Bottles inside reactor~~

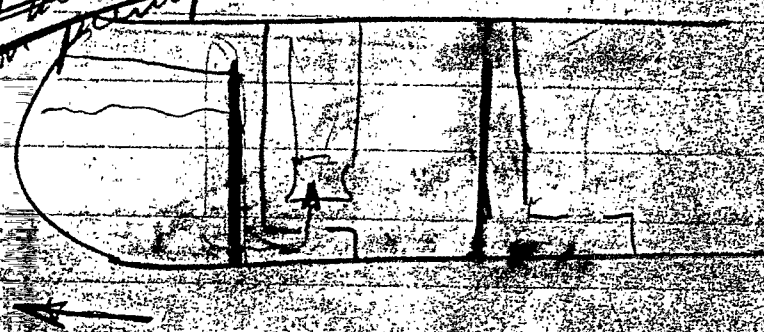
3. P-509 overhaul

~~4. Emulsion Pumps~~

~~5. Overhaul hoist for emulsion pumps~~

~~6.~~

1. B



E

12106-09

Chevron BB
013462

Jobs Pending

10000
8/29/55

1. Modify cracking area call system to provide coverage in compressor house
   Awaiting memo from PPM for other areas requiring Add'l coverage

Chevron BB
013463

To Don Neill

MEMORANDUM GO-144

TO

FROM

8/17/ 1955

SUBJECT: Refinery Cracking Area Call and Sound Powered Phone System

OUR FILE :

PPM has requested that we modify the Cracking area call system so that the compressor operator at the Gas Recovery Compressor House can be reached on it.

We believe there may be other operating areas presently not adequately covered.

Before we get Reynolds Electric to give us an estimate for correcting the system's shortcomings at the compressor house, will you ask your operators to report any other inadequacies of the system so that we can give Reynolds the entire problem at one time rather than having them go after it piece-meal as complaints are received.

No Comments DL

No additions

DWO 8/17

cc: DPL for comments

WHEN REPLY IS REQUIRED, FORWARD ORIGINAL AND ONE COPY

GO-144 (50M-10-53)

Chevron BB
013464

MEMORANDUM GO-144

TO EC/8 7-27 195

FROM JE/6

SUBJECT: OUR FILE :

YOUR FILE:

This will be taken care of some day when we get an adequate whistle system. Do you need a temporary installation in the interim?

JE/6

Yes I believe we do.

EC/8

WHEN REPLY IS REQUIRED, FORWARD ORIGINAL AND ONE COPY. GO-144 (50M - 10-53)

Chevron BB
013465

WORK REQUISITION
GO-113

TO COST NOT MORE THAN

F- 84762

SUB. REQ. NO.

TO Maint. Dept. 7-20 1955 APPR. S. O. W. O. NO. 104-16

TO BE USED FOR Gas Comp. ITEM NO.

CHARGE TO

EQUIPMENT READY: DATE TIME LOCATION DISTRICT DATE REQUIRED

INSTRUCTIONS: Please install bell or other signalling devise in comp. house which will enable H.C.C. operators to let comp. operator know when to answer phone. He cannot hear whistle.

Eason

APPROVED BY Ford	DATE COMPLETE
ASSIGN TO	ACTUAL COST

SIGNED C. Poling & Paul Dunstan

ORIGINAL

GO-113 (7500 BKS 11-49)

Chevron BB
013466

DMC

MEMORANDUM GO-144

TO JE HAYDEN 4/6 1955

FROM RPT

SUBJECT: CONTROL VALVE FCV 503 GAS RECOVERY PLANT. OUR FILE :

YOUR FILE:

STOCK IN THIS VALVE IS ABOUT 365°F. WE CAN NOT HOLD A LUBRICANT IN THIS STUFFING BOX. I WOULD LIKE A CHECK MADE TO SEE IF COOLING FINS WOULD BE ADVISABLE

RPLemon

RECEIVED
APR 1955
HAYDEN

WHEN REPLY IS REQUIRED, FORWARD ORIGINAL AND ONE COPY. GO-144 (50M - 10-53)

Chevron BB
013467

~~DMD~~ ~~F.P.M.~~ D

~~MEMORANDUM~~ GO-144 Do you want this or does

TO ~~C. E. Hayter~~ manometer in house 1-13 1955

FROM RPT suffice? DMD 2/24

SUBJECT: Attached Work Order - F 77505 OUR FILE :

Permanent Manometer on D501 - YOUR FILE:

Compressor ~~Station~~ Plant

One of the shop portable manometers were hooked up to this drum for tests. Operators now want a permanent installation. I suggest that we go to a low range compound pressure gage for this service rather than a manometer if either is needed.

R P Thurman

3/4/55

D.M.D. I have checked this with the operators and they feel that the manometer installation would prove to be more reliable and trouble free than the pressure gauge. The manometer in the house is adequate for adjusting controls on the compressor speed but we need better indication than the gauge on D501 to use in adjusting settings on the compressor gas valves PDM

Chevron BB
013468

SEND
TO D.P.T.O.

APPROVE		REMARKS
COMMENT		
FILE		
HANDLE		
NOTE		
RETURN FILE		
SEE ME		
TRACE		

FROM P.P.A.T.

GO-24 (96TM 7-48)

WORK REQUISITION
GO-113

TO COST NOT MORE THAN

F- 79505

SUB. REQ. NO.

TO 12-3-54 19

APPR. S. O. W. O. NO. 139-07

TO BE USED FOR

ITEM NO.

CHARGE TO GAS RECOVER

LOCATION DISTRICT

EQUIPMENT READY: DATE TIME DATE REQUIRED

INSTRUCTIONS: PLEASE REPLACE EXISTING MONOMETER ON D501 WITH A PERMANENT ONE

JORDAN

APPROVED BY	DATE COMPLETE
ASSIGN TO	ACTUAL COST

SIGNED Paul Mustain

ORIGINAL

GO-113 (7500 BKS 11-49)

Chevron BB
013469

WORK REQUISITION
GO-113

TO COST NOT MORE THAN

E- 71820

SUB. REQ. NO.

TO MAINT ATTN R.P.T. 10-21 19 55 APPR. S. O. W. O. } NO. 105-07

TO BE USED FOR MFG EXP 105-14 ITEM NO.

CHARGE TO Gas Compressors LOCATION DISTRICT

EQUIPMENT READY: DATE TIME DATE REQUIRED

INSTRUCTIONS: PLEASE INSTALL ALARM HORN IN OIL ROOM, COMPRESSOR HOUSE. HORN ONLY.

FOR INSTRUCTION SEE P.R. MUSTAIN

Advise if cost will exceed $50.00 G.R. Johnson

APPROVED BY	DATE COMPLETE
ASSIGN TO	ACTUAL COST

SIGNED W. H. Hudson

DUPLICATE

GO-113 (2500 BKS 11-49)

Chevron BB
013470

Please review this proposal & forward your recommendations. 3/26

REQUEST FOR ADDITION OR ALTERATION
TO EXISTING EQUIPMENT

MAR 26 1957
D. M. O'NEILL

TXM-152

Date: 3/24/57

TO: Engineering & Maintenance Dept.

Attention: DON O'NIGEL :

Proposal or Title of Request: INSTALL A STANDARD GUARD RAIL ALONG PIPE TRENCH JUST WEST OF D501 FROM N EDGE OF EXISTING WALK TO S. LINE OF CONTROL MANIFOLD.

Reason (Situation): Per pursuant

Justification (Unsafe condition, improved operation, payout, etc.): A SAFETY PRECAUTION AGAINST [redacted] FALLING INTO TRENCH. (THIS ITEM WAS PICKED UP ON A SUPERVISOR SAFETY INSPECTION TOUR)

Urgency (Desired completion date. No Rush except for unusual circumstances): BEFORE APRIL SHUT DOWN

Requested by: R. A. Jordan Received by: [signature]

Date: 3/26/57

Approved by: [signature] Estimated Cost $ 100

60-113 written 3/28/57 Est. Completion Date: 5/15/57 sooner if SD work permits

Sketch attached

TXM-152

Chevron BB
013471

WORK REQUISITION
GO-113

TO COST NOT MORE THAN $100.00

J- 18576

SUB. REQ. NO.

TO DP LYNCH 3/28/ 1957

APPR. S. O. W. O. } NO.

TO BE USED FOR

ITEM NO.

CHARGE TO MFG EXP. 105-10

EQUIPMENT READY: DATE 3/28/57 TIME LOCATION DATE REQUIRED 5/15/57 DISTRICT

INSTRUCTIONS: 1. Sooner if S.O. Work Permits. This request was turned in as a safety item.

2. Install approximately 6½ ft. of handrail as shown on the attached sketch.

APPROVED BY	DATE COMPLETE
ASSIGN TO	ACTUAL COST

SIGNED [signature]

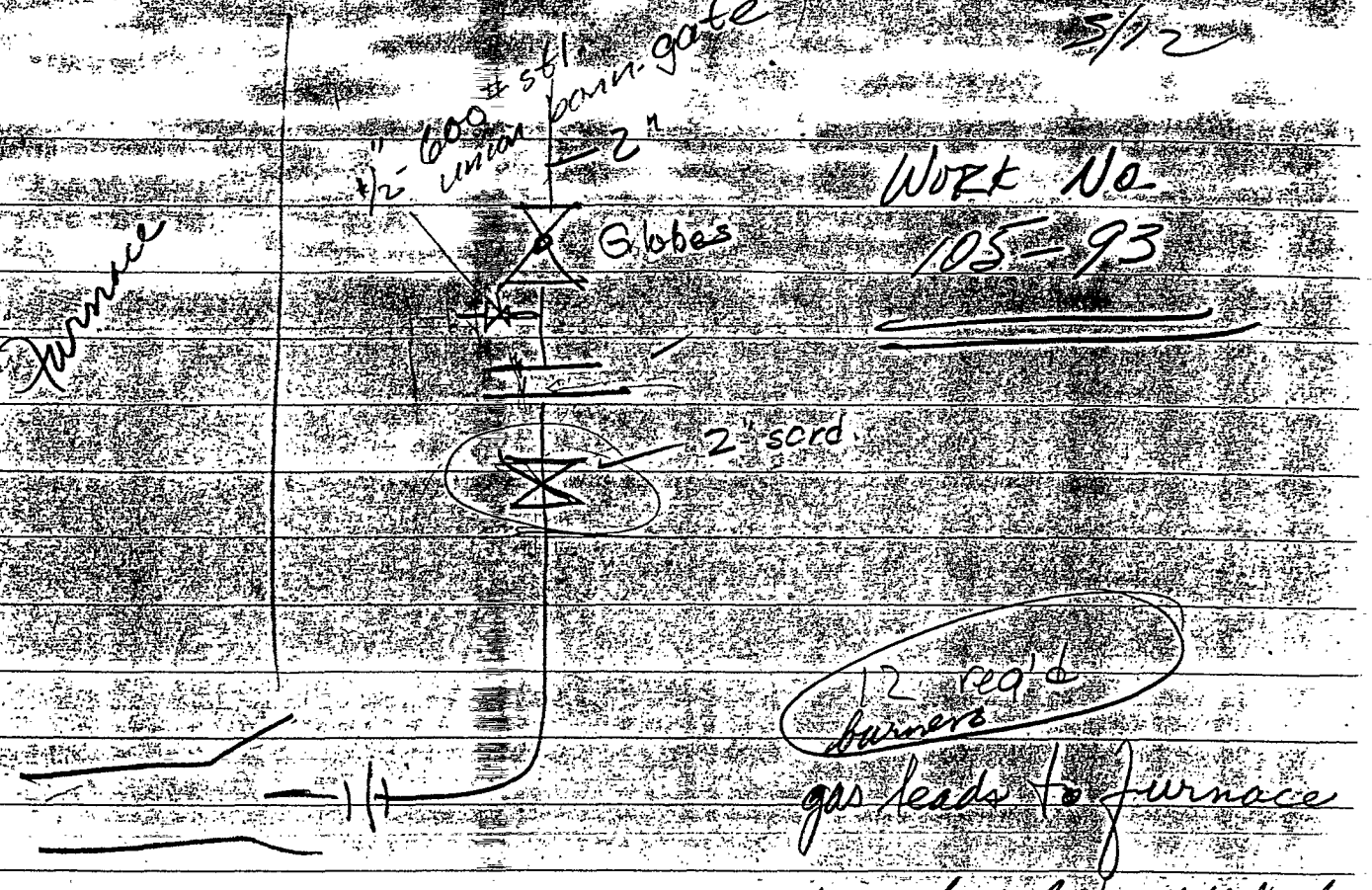
DUPLICATE

GO-113 (7500 BKS 11-49)

Chevron BB
013472

5/12

Work No.
105-93



Make Sketch & add to book
Cost estimate & Expenditure Request required
Check w/ plant foreman to get burners on one at a time before & after shutdown

N-Elev.
F-501
GAS Recovery Furnace

OBJECT

1. Install bleeder as shown on ea
2. Compare costs of — putting in gate valve below flanges — screw type or dropping lower flange by cutting line then install flange type gate valve between flanging flanges —

Check w/ CD Hoar + Todd Wilson

Chevron BB
013513