

FUELS PLANT ENGINEERING COMPLETED PROJECTS

PLAINTIFF'S EXHIBIT

SU-3271

<u>DEPARTMENT/PROJECT TITLE</u>	<u>ECN/AFE</u> <u>W.O./ACCT. NO.</u>	<u>DATE</u>
<u>CATALYTIC CRACKING (CC)/GAS (GR) (GREY) (CONTINUED)</u>		
NPRU MDO Line	601135	1989
SWS Skim oil Vessel	701469	1989
HFT to CCU Tie-in	701959	1989
SWS 1st Stage Bottoms Pump	702037	1989
CCU Sample Stations	870367	1989
Air Blower Inlet Piece		1990
CL-9 Spent Riser Flx		1990
CCU T/A Feed Nozzle Repair		1990
CFH Charge Pump Failure Cat		1990
DHT Recirculation	0735	1990
Sour Water Pump P-4167 Replacement	1597	1990
Antimony Injection	035465	1990
CCU Feed Manifold RV's	702304	1990
Straight Run Residue to CCU	702307	1990
NCR Revisions	702457	1990
DHT Tops to HDU-1 (Relates to AR & CCG See AR)	702463	1990
CCU Catalyst Addition System	701930	1990
CCU 4th Stage Reliability	1095/702256	1990
CCU O2 Piping Revisions	0958/870368	1990
CCU Surface Condenser Vacuum System	702366	1990
CCU T-6204 Pipe Stress Reduction	702396	1990
Cat Adder		1991
- Control Rooms Asbestos Abatement		1991
Replace Emergency Generator @ CCG	1048	1991
CCU Flare Purge	1529	1991
CCG Freeze Protection	1650	1991
V-620 Sour Water Sample	1703	1991
LGO Sample PT Relocation	1753	1991
CCU Cooler Box Demo	1905	1991
DHT Compressor Suction Vibration	1928	1991
EJ-2A Replacement	031124	1991
E.B.T. ST. Vane Removal	055124	1991
DHT Vacuum Drier Sep Revisions	701402	1991
CCU Catalyst System Revisions - Phase III	701930	1991
V-1357 Replacement @ FGT	702468	1991
N.W. CCU Paving	702554	1991
Wheel Chair Accessibility	702577	1991
CCU C.W. Blow Down Improvement	702686	1991
CCU Control Room Furniture	702698	1991
DHT Field Lab	702710	1991
CCU Seal Oil System Reliability	702319	1992

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<u>DISTILLING (PINK) (CONTINUED)</u>		
DU-1 Exchanger Bypasses	701803	1988
DU-1 Platform Additions	701815	1988
DU-1 Water Wash	701835	1988
E-7424 Blinding Station	870228	1988
Replacement of DU-2 A/C Units	870281	1988
E-5124 A-C Retube		1989
North Switchgear A/C System	032906	1989
DU-1 Naptha Off Spec Line Replacement	052117	1989
LCR Split Draw	700943	1989
CC Tops Reflux Pump	701284	1989
S-339 Brine Oxidizer Revisions	701565	1989
CV-188 A/B By Passes/DU-2	701590	1989
DU-2 Steam Trace Pitch Line	701962	1989
Pressure Alarm-Secondary Crude Booster Pump	701759	1989
Flame Arrestor Modifications	701801	1989
DU-1 Secondary Overhead Revisions	701819	1989
DU-1 Steam-Air Decoking Tie-ins	701842	1989
DU-2 Crude Heater Isolation Valves	755366	1989
Tertiary Crude Pump Revisions	870331	1989
DU-1 Brine Cooler Replacement E-5008		1990
DU-1 Phase Separator	1280	1990
DU-2 Crude Column Pressure Control	1357	1990
- Asbestos Cable Tray Cover Removal	052121	1990
Secondary Crude Booster Seal Pot Removal	0601266	1990
DU-1 Emergency Evaculation Alarm System	702179	1990
DU-1 Condensate Pump	702180	1990
DU-1 XHGO Routing Flexibility	702363	1990
CWT 12 Chromate Tank Containment Wall	702415	1990
DU-2 Residue Stripper Tray (1-11) Replacement		1991
DU-2 Naphtha Splitter Reflux Dist. Revisions		1991
Tray 12 Spray Header Installation		1991
Tray #1 Flasher Replacement		1991
Tail Flange Replacement E-5200 A-H		1991
Hot Accumulator (V-5106) Removal From Structure		1991
Pipe Stress Reduction (LCR/ASTF Pumps)	0884	1991
Crude Train Relief Relocation		1991
DU-2 Turnaround Desalter Repair (V5100/01)	052527	1991
Repairs to 1# Vent Line System	349593	1991
DU-1 1# Vent Jump Over to Flare	360891	1991
DU-2 Deluge	702119	1991

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