

Rig No. 8 - Inventory of Equipment



DRAWWORKS: CROWN ENERGY TECHNOLOGY MODEL CE 750 SD 750 HP, GROOVED FOR 1 1/8" DRILLLINE, POWERED BY 2 DETROIT SERIES 60 MOUNTED ON A 4 AXLE TRAILER.

AUXILIARY BRAKE: EATON MODEL WCB4-424 ASSIST BRAKE

MAST: CROWN ENERGY TECHNOLOGY 118 FT. 400,000 LB GUYED TELESCOPING MAST WITH FIXED BASE.

SUBSTRUCTURE: DSI 17'5"H, SCOPING SUBSTRUCTURE, 300,000# SET BACK CAPACITY, ROTARY BEAMS, STAIRS, SAFETY RAILING, ELEVATED ROTARY DRIVE

TOP DRIVE: TESCO 250 HMI TOP DRIVE AND POWER UNIT, RATED 630 HP, 250 TON.

MUD PUMPS: TWO (2) GARDNER DENVER PZ-11 TRIPLEX PUMPS, 1600HP, EACH POWERED BY CATERPILLAR 3512C HD DIESEL ENGINES, EACH W/NATIONAL C-300 TORQUE CONVERTERS, FORGED STEEL FLUID END MODULES, QUICK CHANGE CAPS, K-20-5000 PULSATION DAMPER, OTECO 3" SHEAR RELIEF VALVE, 1 1/2" X 2" CENTRIFUGAL ROD COOLING PUMP, 5" X 6" CHARGE PUMP, 6,000 PSI PRESSURE GAUGE, CHAIN DRIVE ASSEMBLY

WELL CONTROL: CONTROL FLOW LWS 11" 5M DOUBLE RAM, HYDRILL GK 11" 5M ANNULAR

ACCUMULATOR: KOOMEY TYPE 80 (5) FIVE-STATION CLOSING UNIT, WITH (16) 11 GALLON ACCUMULATOR BOTTLES, (1) TRIPLEX PUMP, (2) AIR PUMPS WITH 120:1 RATIO

MUD SYSTEM: TWO (2) TANK MUD SYSTEM OF APPROXIMATELY 800 BBL TOTAL CAPACITY

SHAKER TANK OF APPROXIMATELY 400 BBL, (2) VORTEX FLUID SYSTEMS ORBITAL 3000 SHALE SHAKERS, DERRICK DESANDER W/ (2) 12" CONES, DERRICK DESILTER W/(12) 4" CONES, O'DRILL/ MCM 15 HP MUD AGITATOR, (2) 5"x 6" SERIES 250 CENTRIFUGAL PUMPS POWERED BY A 75HP AC ELECTRIC MOTOR, COVERED ROOF

SUCTION TANK OF APPROXIMATELY 400 BBL W/(2) 6" X 8" SERIES 250 CENTRIFUGAL PUMPS POWERED BY 60HP AC ELECTRIC MOTOR, (4) SWACO 15 HP MUD AGITATORS, COVERED ROOF

TRIP TANK: 100 BBL W/(2) 50 BBL COMPARTMENTS W/2" X 3" CENTRIFUGAL PUMP

GENERATOR/UTILITY HOUSE: TWO (2) CATERPILLAR 400 KW AC GENERATORS, POWERED BY 475HP CAT C-15 DIESEL ENGINES W/ ELECTRIC START, AIR COMPRESSORS AND MCC PANEL

BLOCK/HOOK: AMERICAN BLOCK 250 TON UNITIZED BLOCK/HOOK COMBINATION W/(5) 36" SHEAVES FOR 1 1/8" DRILL LINE

ROTARY TABLE: RJ PETRO RT 20-1/2" ROTARY TABLE

WATER TANK: 470 BBL COMPLETE W/(2) 3" x 2" SERIES 250 CENTRIFUGAL WATER PUMPS POWERED BY 20 HP AC ELECTRIC MOTORS

FUEL TANK: 12,000 GALLON W/(2) ROPER 3 HP FUEL TRANSFER PUMPS

DRILLERS DOGHOUSE: DSI 10' X 20'

AUXILIARY EQUIPMENT: TWO (2) PC12 HYDRAULIC WINCHES, HYDRAULIC DRILL PIPE SPINNER

INSTRUMENTATION: WEIGHT INDICATOR, W/TONG LINE PULL, PUMP PRESSURE & ROTARY TORQUE GAUGES, TYPE "D" 5,000 PSI MUD PRESSURE GAUGE