

Rig No. 5 - Inventory of Equipment



DRAWWORKS: DSI PR 1000 DRAWWORKS, 1000HP, GROOVED FOR 1 1/8" DRILL LINE, POWERED BY (2) 540HP DETROIT DIESEL SERIES 60 ENGINES, W/ALLISON CLBT-6062 TRANSMISSIONS, CALIPER DISC BRAKES, DSI (2) ENGINE IN-LINE COMPOUND, RIGHT ANGLE DRIVE, DSI DEAD LINE ANCHOR, ALL MOUNTED ON A FOUR AXLE TRAILER

AUXILIARY BRAKE: WITCHITA 236 BRAKE

MAST: DSI 118'H DOUBLE TELESCOPING MAST, 450,000# STATIC HOOK LOAD MAST, (5) SHEAVE CROWN CLUSTER, CROWN SAFETY PLATFORM, RACKING BOARD, LADDER, DERRICK CLIMBER, GERONIMO, 4" STANDPIPE AND MANIFOLD

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

TOP DRIVE:

TESCO 250 HXI 700 TOP DRIVE AND POWER UNIT, RATED 700HP, 250 TON, (2) SPEED/TORQUE RANGES, 24,000# MAX CONTINUOUS TORQUE W/MAX 100 RPM AND 12,000# MAX CONTINUOUS TORQUE W/MAX 200 RPM

MUD PUMPS: TWO (2) GARDNER DENVER PZ-11 TRIPLEX PUMPS, 1600HP, EACH POWERED BY 1864HP 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: SHAFFER 13 5/8" "SL" 5M DOUBLE RAM, SHAFFER 13 5/8" 5M SPHERICAL, CHOKE LINE - (1) 4-1/16" HOSE, KILL LINE - (1) 2 1/16" HOSE, (1) 2 1/16" GATE VALVE, (1) CHECK VALVE

CHOKE MANIFOLD: CAMERON TYPE 5M, W/5-WAY CROSS, (2) 4 1/16" X 5M GATE VALVES, (8) 2 1/16" X 5M GATE VALVES, (2) 2 1/16" 5,000 PSI PRESSURE GAUGE, DSI 36" ATMOSPHERIC DEGASSER, SKID MOUNTED

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 BBLS TOTAL CAPACITY

SHAKER TANK OF APPROXIMATELY 400 BBLS, (2) VORTEX FLUID SYSTEMS ORBITAL 3000 SHALE SHAKERS, DERRICK DESANDER W/(2) 12" CONES, DERRICK DESILTER W/(12) 4" CONES, DERRICK VACUFLO 500 DEGASSER, 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 BBLS W/(2) 5" X 6" SERIES 250 CENTRIFUGAL PUMPS POWERED BY 75HP AC ELECTRIC MOTOR, (4) 15 HP MUD AGITATORS, VORTEX VENTURI SHEARING HOPPER, COVERED ROOF

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

POWER CATWALK: HANSON HYDRAULIC, HANDLES DOUBLE JOINTS OF DRILL PIPE AND RANGE 3 CASING

GENERATOR/UTILITY HOUSE: TWO (2) CATERPILLAR 350 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, (1) IR K4U AIR HOIST, VARCO SSW 30 HYDRAULIC DRILL PIPE SPINNER

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

WIRELINE MACHINE: FIVE STAR RETRIEVER W/15,000' OF .092 WIRELINE

WELL SITE TRAILERS: ATCO RIG MANAGER TRAILER 54' X 12'6" X 11'8", CREW CHANGE HOUSE

TUBULARS: DRILL PIPE AND COLLARS PER CONTRACT REQUIREMENTS