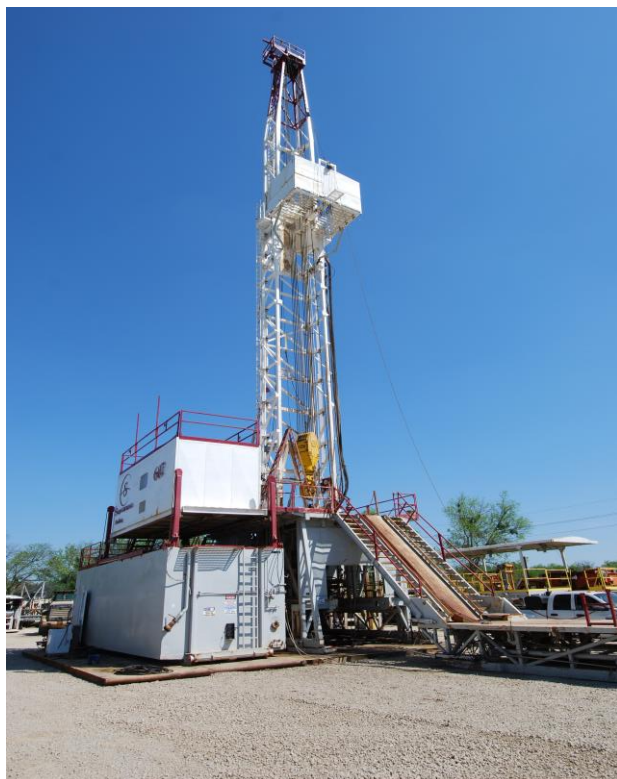


Rig PW 2 - Inventory of Equipment



DRAWWORKS: TSM 7000 DRAWWORKS, 750HP, GROOVED FOR 1 1/8" DRILL LINE, POWERED BY 600 HP CAT C-16, W/ALLISON CLT-6061 AUTOMATIC TRANSMISSION, RIGHT ANGLE DRIVE, DEAD LINE ANCHOR, ALL MOUNTED ON AN OILFIELD SKID.

AUXILIARY BRAKE: EATON WCB 324

MAST: MASTCO 105'H DOUBLE TELESCOPING MAST, 380,000# HOOK LOAD MAST, (5) SHEAVE CROWN CLUSTER, FASTLINE SHEAVE, CROWN SAFETY PLATFORM, RACKING BOARD, LADDER, DERRICK CLIMBER, GERONIIMO, 4" STANDPIPE AND MANIFOLD, ALL MOUNTED ON SKID W/DRAW WORKS.

WALKING SUBSTRUCTURE: MASTCO 17'5"h, 270,000# SET BACK CAPACITY, DSI X& Y AXIS WALKING/LEVELING SYSTEM, ROTARY BEAMS, STAIRS, SAFETY RAILING, ELEVATED ROTARY DRIVE

SKIDDING SYSTEM: COMPLETE BEAM TYPE SKIDDING SYSTEM WITH HPU

TOP DRIVE: TESCO 250 HMIS 475 TOP DRIVE AND POWER UNIT, RATED 475HP, 250 TON, (2) SPEED/TORQUE RANGES, 21,000# MAX CONTINUOUS TORQUE W/MAX 85 RPM AND 10,000# MAX CONTINUOUS TORQUE W/MAX 170 RPM

MUD PUMPS: TWO (2) ELLIS WILLIAMS E1300 HD TRIPLEX PUMPS, 12" STROKE, 1300HP, EACH POWERED BY CATERPILLAR 3516 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 LWS 11" 5M DOUBLE RAM, HYDRIL GK 11" 5M ANNULAR, CHOKE LINE (1) 4-1/16" HOSE, KILL LINE (1) 2 1/16" HOSE, (1) 2 1/16" GATE VALVE, (1) CHECK VALVE OR 13 5/8" 5M CIW TYPE "U" DOUBLE WITH 13 5/8" SHAFFER SPHERICAL

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 BBL TOTAL CAPACITY.

SHAKER TANK OF APPROXIMATELY 400 BBLS, (2) SWACO MONGOOSE SHALE SHAKERS, SWACO DESANDER W/(2) 12" CONES, SWACO DESILTER W/(12) 4" CONES, SWACO SEE-FLO DEGASSER, SWACO 15 HP MUD AGITATOR, (2) 6"x 8" SERIES 250 CENTRIFUGAL PUMPS POWERED BY A 60HP AC ELECTRIC MOTOR, COVERED ROOF

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

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

POWER CATWALK: HYDRAULIC

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: GARDNER DENVER 250 TON UNITIZED BLOCK/HOOK COMBINATION W/(5) 30" SHEAVES FOR 1 1/8" DRILL LINE

ROTARY TABLE: EMSCO 27 1/2"

WATER TANK: 400 BBL COMPLETE W/(2) 3" x 2" SERIES 250 CENTRIFUGAL WATER PUMPS POWERED BY 20 HP AC ELECTRIC MOTORS

FUEL TANK: 10,000 GALLON W/(2) ROPER 3 HP FUEL TRANSFER PUMPS

DRILLERS DOGHOUSE: DRILLERS DOGHOUSE 8' X 26'

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

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

WELL SITE TRAILERS: ATCO RIG MANAGER TRAILER 12' X 56', CREW CHANGE HOUSE

TUBULARS: DRILL PIPE AND COLLARS PER CONTRACT REQUIREMENTS