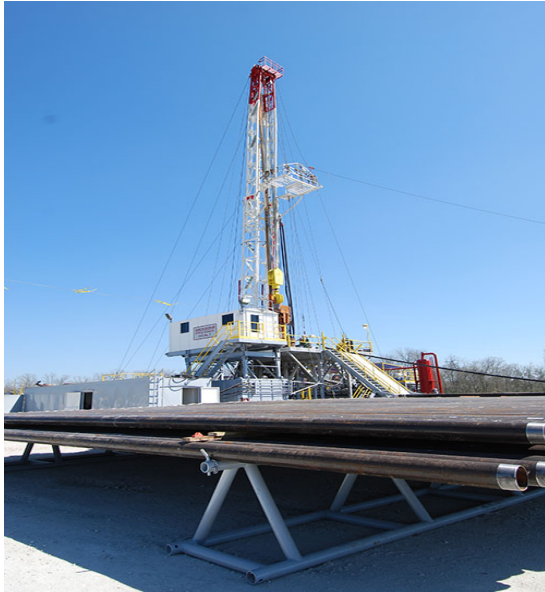


Rig No. 7 – Inventory of Equipment



DRAWWORKS: COOPER 750 DD DRAWWORKS, 750HP, GROOVED FOR 1 1/8" DRILL LINE, POWERED BY (2) 425HP DETROIT DIESEL SERIES 60 ENGINES, W/ALLISON CLT-5860 TRANSMISSIONS, CALIPER DISC BRAKE, COOPER (2) ENGINE IN-LINE COMPOUND, COOPER RIGHT ANGLE GEARBOX, COOPER DEADLINE ANCHOR, ALL MOUNTED ON A FOUR AXLE TRAILER

AUXILIARY BRAKE: KOBELT PNEUMATIC 48"

MAST: DSI 117'H DOUBLE SCOPING MAST, 410,000# STATIC HOOK LOAD, (5) SHEAVE CROWN CLUSTER, CROWN SAFETY PLATFORM, RACKING BOARD, TONG COUNTER WEIGHTS, LADDER, DERRICK CLIMBER, GERONIMO, 4" STANDPIPE AND MANIFOLD

SUBSTRUCTURE: DSI 17'8"H, SCOPING T-STYLE SUBSTRUCTURE, 300,000# SET BACK CAPACITY, ROTARY BEAMS, STAIRS, SAFETY RAILING, ELEVATED ROTARY DRIVE

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) GARDNER DENVER PZ-9 TRIPLEX PUMPS, 1000HP, EACH POWERED BY 1100HP CATERPILLAR D399 DIESEL ENGINES, 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

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 3' X 10' DEGASSER, MOUNTED ON 8'W X 16'L SKID

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) VORTEX FLUID SYSTEMS ORBITAL SHALE SHAKERS, ODRILL DESANDER W/(2) 10" CONES, ODRILL DESILTER W/(12) 4" CONES, (2) 6"x 5" SERIES 250 CENTRIFUGAL PUMPS POWERED BY A 60 HP AC ELECTRIC MOTOR

SUCTION TANK OF APPROXIMATELY 400 BBLS W/(2) 6" X 8" SERIES 250 CENTRIFUGAL PUMPS POWERED BY A 60 HP AC ELECTRIC MOTOR, (4) 15 HP MUD AGITATORS, VORTEX VENTURES SHEARING HOPPER, VORTEX RADIAL EDUCTORS IN MUD TANKS

TRIP TANK: 28 BBLS W/2" X 3" CENTRIFUGAL PUMP

POWER CATWALK: RAHCO 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 BLOCK/HOOK COMBINATION, WITH (5) 36" SHEAVES FOR 1 1/8" LINE

ROTARY TABLE: IDECO 17-1/2"

WATER TANK: 400 BBL. COMPLETE W/(2) MCM 2" X 3" CENTRIFUGAL PUMP DRIVEN BY 20 HP AC ELECTRIC MOTORS

FUEL TANK: 20,000 GALLON W/(2) ROPER 3 HP FUEL TRANSFER PUMPS

DRILLERS DOGHOUSE: DRILLERS DOGHOUSE 25' X 8'2" X 9'3"

AUXILIARY EQUIPMENT: TWO (2) PC12 HYDRAULIC WINCHES, (1) IR FA2.5 MAN RIDER AIR HOIST, SPINMASTER 950 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: TA STRUCTURES RIG MANAGER TRAILER 54' X 12'6" X 11'8", CREW CHANGE HOUSE

TUBULARS: DRILL PIPE AND COLLARS PER CONTRACT REQUIREMENTS

Wisco Moran Rig 7 Inventory