

## WILSON 90 (REF #1901N)



- ⦿ DRAW WORKS: WILSON MODEL 90 DRAW WORKS. MAIN DRUM GROOVED FOR 1-1/8" DRILL LINE AND POWERED BY TWO (2) CUMMINS KTA19-G2 INDUSTRIAL ENGINES RATED AT 600 CONTINUOUS HORSE POWER EACH.
- ⦿ AUXILIARY BRAKE: PARKERSBURG PC 56056R HYDROMATIC BRAKE.
- ⦿ MAST: SUPERIOR STYLE DERRICK 136'-0" CLEAR HEIGHT, 18'-6" BASE, 600,000 LB. GNC, 428,000 LB. STATIC HOOK LOAD MAST WITH CROWN CLUSTER CONSISTING OF SIX (6) 42" DIA. SHEAVES AND ONE (1) 55" DIA. FAST LINE SHEAVE, ALL GROOVED FOR 1-1/8" WIRE LINE.
- ⦿ SUBSTRUCTURE: 12 FOOT. BOX-ON-BOX CONVENTIONAL SUBSTRUCTURE. WITH 450,000 LB ROTARY CAPACITY, 300,000 LB SET BACK CAPACITY AND 750,000 LB SIMULTANEOUS ROTARY AND SETBACK LOAD.
- ⦿ TRAVELING EQUIPMENT: WILSON 300 TON UNITIZED HOOK/ BLOCK COMBINATION. COMPLETE WITH FIVE (5) 36" DIA. SHEAVES SKYTOP 6BX SWIVEL.
- ⦿ ROTARY TABLE: SKYTOP BREWSTER MODEL RSH 27-1/2" ROTARY TABLE CHAIN DRIVEN OFF THE DRAW WORKS ROTARY COUNTERSHAFT AND COMPLETE WITH VARCO "MSPC" SOLID BODY PIN DRIVE MASTER BUSHING AND TYPE "20-HDP" PIN DRIVE KELLEY BUSHING FOR A 4-1/4" API SQUARE KELLY.
- ⦿ WELL CONTROL EQUIPMENT:
  - ONE (1) HYDRILL 11", 5,000 PSI DOUBLE RAM TYPE BOP.
  - ONE (1) HYDRILL 11", 5,000 PSI ANNULAR PREVENTER BOP.
  - ONE (1) 5 STATION KOOMEY TYPE 80 BOP CONTROL UNIT.
  - ONE (1) SHAFFER 2" X 4", 5,000 PSI WP CHOKE MANIFOLD.
- ⦿ MUD PUMPS:
  - ONE (1) NATIONAL MODEL C-350 DUPLEX MUD PUMP. POWERED BY A CATERPILLAR MODEL 3412TA DIESEL ENGINE.
  - ONE (1) EMSCO MODEL DA-700 DUPLEX MUD PUMP. POWERED BY A CATERPILLAR MODEL D-348 DIESEL ENGINE.
- ⦿ MUD SYSTEM:
  - TWO (2) TANK MUD SYSTEM OF APPROXIMATELY 500 BBL TOTAL CAPACITY.
  - SHAKER TANK OF APPROXIMATELY 200 BBLS WITH ONE (1) DERRICK 3 CONE DESANDER, ONE (1) DERRICK 7.5 HP HORIZONTAL MUD AGITATOR AND ONE (1) DERRICK MODEL FC313 LINEAR MOTION SHALE SHAKER.
  - SUCTION TANK OF APPROXIMATELY 300 BBLS WITH ONE (1) 8" x 6" MISSION CENTRIFUGAL PUMP POWERED BY A 60 HP AC ELECTRIC MOTOR AND ONE (1) 6" X 5" MISSION CENTRIFUGAL PUMP POWERED BY A 60 HP AC ELECTRIC MOTOR. TWO (2) DERRICK 7.5 HP HORIZONTAL MUD AGITATORS. MUD MIXING HOPPER COMPLETE WITH VENTURI.
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## WILSON 90 (REF #1901N) CONTINUED...

- ⦿ WATER TANK: ONE (1) 450 bbl CAPACITY WATER TANK COMPLETE WITH TWO (2) 3" x 2" SERIES 250 CENTRIFUGAL WATER PUMPS POWERED BY 20 HP AC ELECTRIC MOTORS.
- ⦿ ELECTRICAL SYSTEM: TWO (2) 400 KW GENERATORS POWERED BY TWO (2) DETROIT MODEL 12V-71T AND 8V-92T DIESEL ENGINES. COMPLETE WITH SWITCHGEAR AND TRANSFORMERS.
- ⦿ AUXILIARY EQUIPMENT:
  - ONE (1) RETRIEVER WIRELINE MEASURING UNIT COMPLETE WITH 15,000 Ft. OF 0.092" WIRE LINE.
  - ONE (1) PARKERSBURG 5 TON AIR HOIST COMPLETE WITH 5/8" WIRE LINE.
  - ONE (1) DIESEL ENGINE POWERED CHAIN DRIVEN DRILL LINE SPOOLER.
- ⦿ COMPRESSED AIR SYSTEM:
  - TWO (2) GARDNER-DENVER MODEL ADR AIR COMPRESSORS POWERED BY TWO (2) 30 HP ELECTRIC MOTORS.
  - ONE (1) GARDNER-DENVER UNITIZED BASE MOUNTED AIR COMPRESSOR DELIVERING 150 CFM AT 125 PSI AND POWERED BY A 50 HP AC ELECTRIC MOTOR.
  - ONE (1) 500 Ga. AIR RECEIVER MOUNTED IN THE SUBSTRUCTURE.
- ⦿ RIG SITE STRUCTURES:
  - ONE (1) DRILL FLOOR HOUSE AT DRILLER'S POSITION.
  - ONE (1) CREW CHANGE / TOOL HOUSE.
  - ONE (1) PARTS /JUNK BOX HOUSE.
- ⦿ DRILL STRING:
  - 248 JTS - 4-1/2" OD, 16.60 lb/ft, RANGE II, GRADE G-105 DRILL PIPE.
  - 4 - 6-1/4" OD x 30 Ft. LONG SLICK DRILL COLLARS.
- ⦿ HANDLING TOOLS: 250 TON HANDLING TOOLS FOR CONTRACTOR'S DRILL PIPE AND DRILL COLLARS.
- ⦿ Drilled in 2007.

WILSON 90 (REF #1901N) PHOTOS

