**GENERAL DESCRIPTION:**

- **YEAR OF CONSTRUCTION:** UNDER
- **MAKE:** JELEC / ARC
- **DESIGN TYPE:** ELECTRIC AC / AC
- **PRESSURE RATED (STAND PIPE):** 7,500 PSI
- **PRESSURE RATED (CHORE MANIFOLD):** 10,000 PSI

**MAST:**
- **MAKE AND TYPE:** BOOT STRAP - DOUBLE
- **DYNAMIC HOOK LOAD:** 350 METRIC TONS
- **HEIGHT:** 105 FT (32.4 M)

**SUBSTRUCTURE:**
- **MAKE AND TYPE:** ARC DESIGN - BOX ON BOX
- **HEIGHT:** 30 FT (9.1 M)
- **CLEAR HEIGHT:** 25 FT (7.5 M)
- **ROTARY LOAD:** 350 METRIC TONS
- **SETBACK CAPACITY:** 200 METRIC TONS

**WALKING BASE:**
- **MAKE AND TYPE:** JELEC & GENESIS
- **LIFTING CAPACITY:** 1295 METRIC TONS
- **SKIDDING SPEED:** 45 - 60 FT/HOUR (14 -18 M/HOUR)

**MUD SYSTEM:**
- **MUD TANKS:** 295.5 M3 (1858 BBLS)
- **SHALE SHAKERS:** 2 X MI SWACO MD-3 / 1 X MEERKAT PT (SHALE SHAKER / MUD CLEANER)
- **HOPPERS:** 2

**AUTOMATIC CATWALK SYSTEM:**
- **MAKE AND TYPE:** FORUM - WRANGLER 3550
- **PARTICULARITIES:**
  - DESIGN: COMPACT, FAST MOVING AND LOW FOOT PRINT, AUTOMATIC RACKING SYSTEM
  - ENVIRONMENT: TIER 4 ENGINES (LOW EMISSIONS)
  - ELECTRIC: WALKING SYSTEM

**RIG POWER SUPPLY:**
- **ENGINES / GENERATORS:** 4 X CATERPILLAR 3512B / KATO 6P6-3300
- **POWER RATING:** 4 X 1,757HP / 1,950 KVA
- **EMERGENCY ENGINE:** 1 X CATERPILLAR C15
  - **POWER RATING:** 490 HP / 568 KVA
- **POWER CONTROL ROOM:** AC / AC - VARIABLE FREQUENCY DRIVE

**MUD PUMPS:**
- **MAKE AND TYPE:** 3 X AMERICAN BLOCK – K 1600
  - **POWER RATING:** 3 X 1,600 HP

**TOP DRIVE SYSTEM:**
- **MAKE AND TYPE:** TESCO - 500 ESI
- **LOAD RATING CONTINUOUS TORQUE:** 72,000 FT LBS (LOW SPEED) / 32,000 FT LBS (HIGH SPEED)
- **MAXIMUM SPEED:** 1,350 RPM
- **DRIVE:** ELECTRIC

**DRAWWORKS:**
- **MAKE AND TYPE:** AMERICAN BLOCK MDS-3000
  - **POWER RATING:** 2,000 HP
  - **DRILLING LINE:** 1-3/8" INTEGRATED SYSTEM / REGENERATED POWER
  - **AUXILIARY BRAKE:** ELECTRIC

**ROTARY TABLE:**
- **SIZE:** 37-1/2"
- **POWER:** HYDRAULIC POWER
- **MAKE AND TYPE:** NOV – D 375

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