



OILWELL 860-E DIESEL ELECTRIC LAND RIG

- Drawworks Oilwell 860-E 1500 HP with Elmagco 6032 hydromatic brake
- Power 4 x Caterpillar D399 TAC with Kato 1050 kW 600 V alternators in skidded engine house with rain roofs. One Caterpillar 3406 standby generator
- SCR Model 1200 4 generator x 5 bay Ross Hill system
- Drums 28 in c 52 in drum diameter with Lebus grooving for 1 3/8 in line
- Mast Superior 142 ft x 21 ft 1 025 000 lb (API static 750 000 lb with 12 lines) Racking board with ladders and A-frame, 4 in standpipe & manifold with 4 in valve with 3 x 2 in outlets rated at 5000 psi. Mast built to accept 500 ton top drive
- Drilling Anchor Drill line anchor is an E-80 sensor for 1 3/8 in line
- Substructure Box-on-box 25 ft high (750 000 lb rotary and 500 000 lb set back) complete with V-Door, handrails and stairs.
- Travelling equipment 500 ton with 6 sheaves for 1-3/8 in EIPS drilling line
- Rotary table National 37-1/2 in with master bushing & independent electric drive with a GE 752 D/C traction motor, gearbox & brake
- Swivel 500 ton Swivel
- Kelly 5 1/4 in hexagonal 40ft x 4 1/2 IF Kelly bushing and air driven forward and reverse Kelly spinner
- Mud pumps 2 x 1600 HP F-1600 triplex pumps with pulsation dampeners, pop off valves, 6000 psi pressure gauges, unitised on a skid with 4 in diameter discharge lines. Each pump is driven by Two (2) GE 752 D/C motors with blowers and 1 x 5 in x 6 in 50HP charge pump.
- Rotary Hose: 3 in ID x 65 ft, 5000 psi WP with 4 in API connections complete with safety clamps, chains, and hammer unions on each end.



- Water Tanks 400 bbl water tank combined on a skid with a 30 bbl trip tank, 3 x 20 HP centrifugal transfer pumps 1x 500 bbl storage water tank.
- Air compressors 2 x electric 20 HP screw type Quincy compressors belt driven 1 x cold start screw type compressor powered by a Lister diesel engine.
- Mud system Capacity 1340 bbl in three tanks with 2 x Derrick Super G 4-panel shakers.
- BOP Equipment: Cameron annular 13 5/8 in 5M rebuilt, certified and NACE trim. Cameron double gate 13 5/8 in 5M rebuilt certified and NACE trim. Drilling spool 13 5/8 in 5-M with 3 1/8 outlets. 1x Shaffer 2000 PSI / WP spherical annular bop complete with diverter spool and 1x 12"Hydraulically operated valve. 1 x Hydril single ram type bop 2000 PSI / WP. The above BOP's will be trolley mounted on a rail system for quick rig ups Blind rams and 5 in rams.
- Accumulator Koomey unit 3000 psi 6 x station 220 gal with Hydril regulator valve, 2 x air pumps with 1 x electric triplex pump, 1 x remote unit and unbiblical for rig floor.
- Choke Manifold Choke & kill manifold 3 x 2 x 5000 psi with [1] x positive and [1] adjustable choke with buffer tank. Skid mounted with lay down style poor boy degasser
- Kill line: 3 in 5M kill line valve with 3 in 5M NRV.
- Drill Pipe: 10,000 ft of 5 in 19.5 lb/ft drill pipe Grade G-105 with hardbanding 3 x 9 in drill collars, 12 x 8 in drill collars, 15 x 6 in collars, 10 x 5 in heavy wall drill pipe.
- Bail Arms 1 x set 2 ¾ in x 132 in long 350 ton bail arms
- Rig floor tuggers 2 x V-door hoist air winch max lift 8 000 lb with ½ in line



- Bit subs & crossovers Full crossover and bit sub inventory to suit Contractor's tubulars.
- Drill line spooler Air operated spooler with 5000 ft of 1 3/8 in line
- Elevators: To suit Contractor's tubulars
- Slips: To suit Contractor's tubulars
- Tongs: Type BJ tongs 5 in through 13 3/8 in.
- Collars: Drill pipe collars slips elevators 5 in through 9 in.
- Fishing Equipment: First stage fishing tools for Contractor's tubulars
- Spinner: Hydraulic drill pipe spinner.
- Survey unit Wire line unit with 15 000 ft of 0.092 wire make five star retriever
- BA sets 2 No. 1 hr sets
- Fork truck JCB 8000 lb capacity or similar.
- Tool Shack: Welding set and cutting tools
- Welfare: Locker room for crew.
- Junk skip Junk skip combined Koomey skid 8 ft W x 40 ft L
- Spares Container with full spare parts with oil storage
- Offices Toolpusher office
- Fuel Tank 9 000 gallon capacity, with [2] 3 HP fuel transfer pumps and filters



- Casing tong: 20 in casing power tong-power and hydraulic power pack with jaw sizes 7' in, 9 5/8 in, 13 3/8 in & 20 in.
- Hydraulic power pack Skid mounted electric power unit powered by 60 HP motor, 65 GPM @ 2250 psi. Hydraulic tank and all pipe work with relief valve & cooler.
- Casing Tools: Slip elevators for 7 in, 9 5/8 in, 13 5/8in and 20in casing with 200 ton spider.
- Dog house: Top house with knowledge box and four lockers. Shelves 7 ft 10 in wide x 9 ft high x 17 ft long, with knowledge box and 4 lockers
- Miscellaneous Catwalk 18 in high 5 ft wide & 56 ft long (Two sections 28 ft long each) 4 x pipe racks 18 in high.