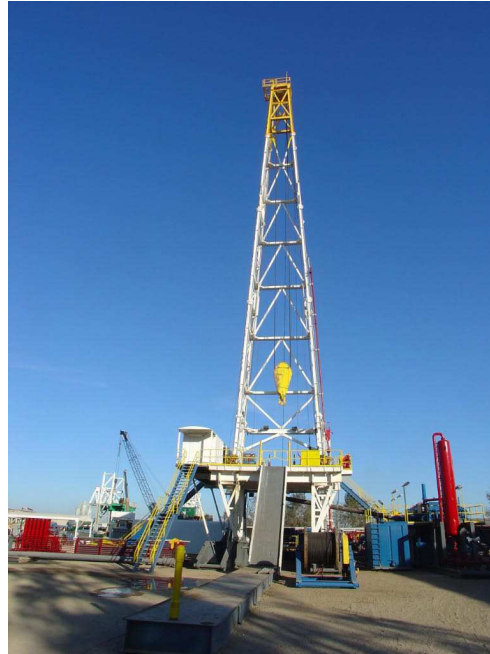


1,500 HP SCR RIG



MAST:

Model: Parco SL-136-A Cantilever/Split Level
Hook Capacity: 750,000 lb
Clear Height: 136 feet
Racking Capacity: 224 Stands (Triples)
Crown Block: 6-48 inch sheaves plus 1-55 inch fast line sheave
Lift Lines: 1 3/4" 6 x 25, RL-XIP-IWRC

SUB STRUCTURE:

Model: Parco SL-136-A
Drill Floor Height: 21 feet
Casing Capacity: 638,000 lb
Setback Capacity: 487,000 lb

V-DOOR

CAT WALK

2 pieces, each 18" H X 5' W X 30'L

DRAWWORKS:

Model: OIME SL1500
Rated Horsepower: 1,500HP
Drive Motors: 2 – GE752 Traction Motors w/10hp blowers
Auxiliary Brake: Wichita Model 7-337-310-115
Brake Cooling: 50 bbl water tank w/ 4 x 3 x 13 centrifugal pump and 30 hp driver

DRILL LINE:

Make: Union Wire Rope
Type: 1 ¼” RRL, EIPS, IWRC (Domestic)

DEADLINE ANCHOR:

Make: Hercules Model 131-T, 100,000 lb

DRILL LINE SPOOLER:

Type: Air Drive, Ingersol Rand, Model 92RB078
Capacity: 5,000 ft of 1 ¼” Drill line

TRAVELING ASSEMBLY:

Block: Model – National 500
Rating – 500 Ton
Sheaves – 6 – 48” for 1 ¼” line
Hook: Model – BJ Dynaplex
Rating – 500 Ton
Elevator Links: 132”, 350 Ton

ROTARY EQUIPMENT:

Swivel: Model – National 1324
Rating – 500 Ton
Kelly: Type – Hexagonal
Size – 5 ¼”, 40 feet
Kelly Bushing: Pin Drive
Kelly Hose – Type: Grade D – API 7K, 5000 psi; 65 feet long
Rotary Table: Type – Gaouou Huazing Model RT275
Size 27 ½” Square
Rating 500 Ton
Drive: 1 – GE752 Traction Motor w/10hp detached blower
Master Bushing 27MSPC
Inserts bowls 1,2&3

MUD HANDLING SYSTEM:

Mud Pumps: 2 – BAOJI Model FC1600 – 1,600 hp
Type – Triplex
Drivers: 2 – GE752 Traction Motors w/10hp blowers
Pulsation Dampeners: Hydrill K-20, 5000psi
Charging Pumps – 8 x 6 x 11 Centrifugal w/75 hp electric driver

Tanks:

Shaker Tank: 500 bbl w/
3 – SWACO Shale Shakers, 400 gpm, w/1.5 hp motors
2 – Circulating Pumps: 6 x 5 x 11 w/60 hp electric drivers
1 – Drilco Degasser, 700 gpm w/10 hp driver
1 – Crestex Desilter, 12 cone, 600 gpm rating
1 – Crestex Desander, 1 cone, 10” 600 gpm rating

Suction Tank: 500 bbl w/
2 – Pumps, 6 x 5 x 11 w/60 hp electric drivers
3 – MAX 2000 mud agitators, with 10 hp electric drivers
2 – Crestex hoppers

Reserve Tank: 500 bbl w/
3 – MAX 2000 mud agitators, with 10 hp electric drivers

Trip Tank: 100 bbl w/
1 – 4 x 3 x 13 centrifugal pump with 30 hp electric driver

GENERATOR UNITS:

Engines: 3 Detroit Diesel power, model 12V4000, 1,500 HP
Generators: 3 Baylor, Model 5637 unit for SCR Application, 1225 KW, 1750 KVA

SCR HOUSE:

IEC Systems LLC 3 Gen x 4 SCR system
600 VAC, 750 VDC, 2,000 AMP ADC
Climate controlled, self contained unit

AUXILIARY EQUIPMENT & STORAGE

Air Compressor

- 2 – Curtis 40 Series, Screw Type, 173 CFM, 125 psi
Powered by 40 hp electric drivers

Air Receivers

- 2 – 200 gallon vertical

Cold Start Compressor

- 1 – Lambardini 10 hp Diesel pull start, Model CAERSPKG, R series
- 1 – 40 Gallon receiver attached, 25.25 ACFM @ 100 psi

Dog House

- 1 – 8 feet x 35 feet driller's side mounted

Change House

- 1 – 8 feet x 40 feet w/ 24 individual lockers, shelves and table

Toolpusher Quarter

- 1 – 14' x 48'6" c/w furnishings, a/c, kitchen, bedroom, bathroom & office;
Triple Skid mounted

Crew Quarter

- 1 – 14' x 48'6" c/w furnishings, a/c, kitchen, bedroom, 2 bathrooms &
sitting room; Triple Skid mounted

Fuel Tank

- 1 – 286 bbl Tank w/ Fuel Filter system attached to,
- 1 – 400 gallon elevated day tank,
- 2 – RCI Fuel purifiers, Dayton GPCV6V-05 pump with
2 hp, 3 ph electric pump motors

Water Tank

- 1 – 483 bbl tank with
- 2 – 4 x 3 x 13 centrifugal pumps driven by 30 hp electric motors

INSTRUMENTATION, CONTROL & RECORDING EQUIPMENT

Driller's Console, AOI Custom, Single Bay w/

- Model 100 Weight Indicator
- Electric torque indicator
- Rotary RPM indicator
- Pump Pressure Gauge
- Tong line pull indicator
- Down Time valve
- Pump Stroke Counter
- Satellite automatic driller

Driller's Control Console (DCC)

- 1 – 12 Position Selector Switch,
- 1 – Drilling / Tripping
- 1 – Drawworks speed selection

- 1 – SCR/MP – 1/MP-2, Drawworks/Rotary, T.A. Control Unit
- 1 – Hydraulic Tong Controls
- 1 – Emergency Brake Control

Drilling Recorder

- 1 – ARG series 5 pen recorder to record;
 - Hook Load
 - ROP
 - Rotary torque
 - Pump Pressure
 - Rotary RPM
 - Totco Deviation Tool, 0 – 8 degrees

BOP PREVENTION & WELL CONTROL EQUIPMENT

Preventor

- 1 – Annular Type, 13 5/8” API, Shaffer 5,000 lb rating
- 1 – Ram Type preventors, 13 5/8” API, Cameron Type U Double & Single
- 1 – of each Ram set, 13 3/8”, 9 5/8”, 7”, 6 5/8” and
 - 2 7/8” to 5” variable and 4 1/2” to 7” variable
- 1 – set Blind Rams
- 1 – Adapter/Spacer spool, 13 5/8”, 5,000 lb
- 1 – set Risers and Bell Nipples

Accumulator Unit and Control

- 1 – Consolidated Pressure Control 5S-2160-25 Manifold 5036,
 - Triplex pump, 220 gallon, 3,000 psi
 - 12 bottle, 300 gal reservoir w/air pump & 25 hp driver

Choke Manifold

- 1 – 5,000 psi Cameron with SWACO adjustable 2 9/16” API
- 1 – Remote control panel on rig floor

Gas Buster

- 1 – OEM Poor Boy 26”

Float Valves

- 1 each of 7 5/8”, 6 5/8”, 4 1/2” and 3 1/2” connections

IBOP Valve

- 1 each 4 1/2” IF x 3 1/2” API

DRILLING STRING

Drill pipe

- 335 jts, 12,000 ft, G105 16.5lb/ft 4 1/2” XH
- 30 jts, Heviwate Drill Pipe 4 1/2” XH

Drill Collars

- 21 jts; 6 1/4” 4 1/2” XH connection, spiral

9 jts; 8" 6 5/8" API Regular connection, spiral

Bit Stubs

- 1 each 6 5/8" x 6 5/8" Reg box
- 1 each 4 1/2" reg Box x 4 1/2" IF Box
- 1 each 7 5/8" reg Box x 6 5/8" Reg box

Kelly Saver

- 1 each 4 1/2" XH Pin x 4 1/2" XH box

Crossovers & Subs

- 2 each 4 1/2" IF pin x 6 5/8" Reg box
- 1 each Lifting Sub with 4 1/2" reg pin for 8" drill collars
- 1 each Lifting Sub with 4 1/2" reg pin for 6 1/4" drill collars
- 1 each 4 1/2" IF x 6 5/8" reg pin
- 1 each 6 5/8" reg pin x 4 1/2" IF box

Pipe Racks

- 8 ea, 3 sided 18" H to match catwalk

DRILLING FLOOR EQUIPMENT

Slips

- 2 each Wooley XL type A for,
 - 8" drill collars
 - 6 1/4" drill collars
 - 4 1/2" drillpipe

Spinning Tongs

- JT Flour International Model SSW40

Hydraulic Cathead

- 2 – Hydraulic Cylinders with independent controls on driller's console

Dog Collars/Safety Clamps

- 1 – 8 1/2" DC, type C collar clamp with wrench
- 1 – 6 1/4" DC

TW Valve

- 1 – 4 1/2" XH pin x 4 1/2" XH box 6 1/2" OD

Hydraulic Power Unit

- 1 – World Wide, 30 gpm, Hartmann PVX464-CKXXX-20FL pump w/
20hp model XWWE20-18-256TC, electric drive

Air Hoists

- 2 – Texas First Industrial JQHSB-50X12, FOR 5/8" line size

Air Tuggers

- 1 – Ingersol Rand Model LS2-600R-PH6N 3/8" line

Kelly Spinner, Air drive, reversible

Lift Assist Assembly, including Geronimo Seat and escape slide