

## MAST

|                             |                          |                   |                    |
|-----------------------------|--------------------------|-------------------|--------------------|
| Mast Type                   | <i>Telescopic Double</i> | Drill Line Size   | 1"                 |
| Mast MFG                    | <i>CARE Industries</i>   | Number of Lines   | 6                  |
| SHL - Externally Guyed (lb) | 200,000                  | 3:1 Capacity (lb) | 180,500            |
| SHL - Free Standing (lb)    | 180,000                  | 2:1 Capacity (lb) | 270,700            |
| Mast Clear Height           | 105'                     | Sandline Size     | 1/2" (13,780' Max) |
| Racking Cap. (3-1/2")       | 12,450'                  |                   |                    |

### Drill Line API Specification for EIPS 6 x 26 is:

**3 : 1 Safety factor drilling; 2 : 1 Safety factor running casing or stuck pipe.**

## INTERNAL GUYED COMPONENTS

|                 |                        |                    |                        |
|-----------------|------------------------|--------------------|------------------------|
| Rig Beam MFG    | <i>CARE Industries</i> | Geronimo Plate MFG | <i>CARE Industries</i> |
| Turnbuckles MFG | <i>CARE Industries</i> |                    |                        |

## CARRIER

|                      |                        |                          |                         |
|----------------------|------------------------|--------------------------|-------------------------|
| Carrier MFG          | <i>CARE Industries</i> | Drawworks Drive          | <i>CAT C11</i>          |
| Drawworks Model      | <i>ALCO 42X10</i>      | Drive Rating (hp)        | 385                     |
| Rated Power (hp)     | 450                    | Transmission             | <i>Allison OFS 4700</i> |
| Main Drum Brake Size | 42" x 10"              | Sandline Drum Brake Size | 38" x 8"                |
| Auxiliary Brake      | <i>Kobelc 40" Disc</i> |                          |                         |

## OVERHEAD EQUIPMENT

|                   |                            |                         |                  |
|-------------------|----------------------------|-------------------------|------------------|
| Block Type        | <i>Oil Country 100T</i>    | Block Capacity (ton)    | 100              |
| Bails Type        | <i>Oil Country 150T</i>    | Bail Capacity (ton)     | 150              |
| Rod Hook Type     | <i>Trico 25T</i>           | Rod Hook Capacity (ton) | 25               |
| Tbg Elevator Type | <i>Oil Country / Diehl</i> | Tbg Elevator Size       | 2-3/8" to 2-7/8" |
| Rod Elevator Type | <i>O'Bannon / Mud King</i> | Rod Elevator Size       | 3/4" to 1"       |

## HANDLING EQUIPMENT

|                |                          |                |                  |
|----------------|--------------------------|----------------|------------------|
| Tbg Tongs Type | <i>Oil Country 58-93</i> | Tbg Tongs Size | 2-3/8" to 3-1/2" |
| Air Slips Type | <i>C</i>                 |                |                  |

## BOPs (NACE)

|  |            |                        |  |
|--|------------|------------------------|--|
| Double Gate MFG                        | <i>IEI</i> | Pressure Rating & Size | 5,000 psi, 7-1/16"                         |
| Kill Spool Pressure Rating & Size      |            |                        | 5,000 psi, 7-1/16" c/w 2" Outlet and Valve |
| Safety Valve Pressure Rating & Size    |            |                        | 5,000 psi, 2-7/8"                          |
| Hydraulic Regan Pressure Rating & Size |            |                        | 3,000 psi, 3" (Type - K)                   |

## ACCUMULATOR

|                           |                           |                              |       |
|---------------------------|---------------------------|------------------------------|-------|
| <b>Class II</b>           |                           |                              |       |
| Accumulator MFG           | <i>Control Technology</i> | Max Operating Pressure (psi) | 3,000 |
| Accumulator Vol. (US gal) | 20                        | # of Stations                | 2     |

### SAFETY EQUIPMENT

|                                |                   |                |     |
|--------------------------------|-------------------|----------------|-----|
| Fire Extinguisher Size (qty)   | 30 lb (4)         | Gas Detector   | Yes |
| SCBA Quantity                  | 2 w/ Spare Bottle | LEL Monitor    | Yes |
| Self Retracting Lifeline (qty) | 2                 | Crown Saver    | Yes |
|                                |                   | Pipe Ram Saver | Yes |

### MOBILE DOGHOUSE

|                      |             |                       |      |
|----------------------|-------------|-----------------------|------|
| Generator Sets       | Isuzu       | Prime Rating (hp)     | 53.6 |
| Change Room Size     | 14' x 9'-4" | Bathroom Facilities   | Yes  |
| Generator House Size | 15' x 9'-4" | Wi-Fi Hotspot Booster | Yes  |

### MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

|                         |                   |                        |                   |
|-------------------------|-------------------|------------------------|-------------------|
| Truck MFG & Model       | Freightliner 2009 | Mud Pump Drive         | Mercedes MBE 4000 |
| Pump MFG & Model        | SJ Petro 300      | Pump Drive Rating (hp) | 350               |
| Pump Rated Power (hp)   | 350               | Pump Pressure (psi)    | 5,000             |
| Pump Stroke Length      | 5"                | Bowie Pump Size        | 4"                |
| Manifold Valve Quantity | 7                 | Transmission           | Allison 4500 RDS  |
| Manifold Rating (psi)   | 5,000             | # of Tank Compartments | 2                 |
| Total Tank Volume (bbl) | 214               | Line Pipe Rating (psi) | 5,000             |

### MISCELLANEOUS EQUIPMENT (OPTIONAL)

|                                   |             |                        |             |
|-----------------------------------|-------------|------------------------|-------------|
| Rod Tongs Type                    | M50         | Rod Tongs Size         | As Required |
| Rod Backoff Tool Type             | Oil Country | Rod Backoff Tool Size  | As Required |
| Low Lying Slips Type              | Bosch       | Low Lying Slips Size   | As Required |
| Personal H <sub>2</sub> S Monitor | As Required | NORM Radiation Monitor | As Required |
| Drill Out Head                    | As Required | Pipe Trailer           | As Required |
| Skid Boiler (hp)                  | 80          | Mud Can                | As Required |

*Standard specifications represent the typical rig configuration, but could be subject to slight modifications from time to time due to customer requirements.*