



**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) | <i>200,000</i>           | 3:1 Capacity (lb) | <i>180,500</i>            |
| SHL - Free Standing (lb)    | <i>180,000</i>           | 2:1 Capacity (lb) | <i>270,700</i>            |
| Mast Clear Height           | <i>105'</i>              | Sandline Size     | <i>1/2" (13,780' Max)</i> |
| Racking Cap. (3-1/2")       | <i>12,450'</i>           |                   |                           |

**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>Hulkster 650-DD</i> | Drive Rating (hp)        | <i>385</i>              |
| Rated Power (hp)     | <i>450</i>             | Transmission             | <i>Allison OFS 4700</i> |
| Main Drum Brake Size | <i>42" x 10"</i>       | Sandline Drum Brake Size | <i>38" x 8"</i>         |
| Auxiliary Brake      | <i>Kobelt 40" Disc</i> |                          |                         |

**OVERHEAD EQUIPMENT**

|                   |                                   |                         |                         |
|-------------------|-----------------------------------|-------------------------|-------------------------|
| Block Type        | <i>Oil Country 100T</i>           | Block Capacity (ton)    | <i>100</i>              |
| Bails Type        | <i>King Oil Tools 150T</i>        | Bail Capacity (ton)     | <i>132</i>              |
| Rod Hook Type     | <i>Oil Country 35T</i>            | Rod Hook Capacity (ton) | <i>35</i>               |
| Tbg Elevator Type | <i>Big "D" / Oil Country</i>      | Tbg Elevator Size       | <i>2-3/8" to 2-7/8"</i> |
| Rod Elevator Type | <i>O'Bannon/Oil Country/Trico</i> | Rod Elevator Size       | <i>5/8" to 1"</i>       |

**HANDLING EQUIPMENT**

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

**BOPs (NACE)**

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

**ACCUMULATOR**

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

## ACCUMULATOR

### Class III

|                           |                           |                              |       |
|---------------------------|---------------------------|------------------------------|-------|
| Accumulator MFG           | <i>Control Technology</i> | Max Operating Pressure (psi) | 3,000 |
| Accumulator Vol. (US gal) | 40                        | # of Stations                | 3     |

## 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       | <i>Isuzu</i> | 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       | <i>Freightliner 2007</i> | Mud Pump Drive         | <i>Mercedes MBE 4000</i> |
| Pump MFG & Model        | <i>SJ Petro 300</i>      | 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           | <i>Allison 4500 RDS</i>  |
| 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                    | <i>M50</i>         | Rod Tongs Size         | <i>As Required</i> |
| Rod Backoff Tool Type             | <i>Oil Country</i> | Rod Backoff Tool Size  | <i>As Required</i> |
| Low Lying Slips Type              | <i>Bosch</i>       | Low Lying Slips Size   | <i>As Required</i> |
| Personal H <sub>2</sub> S Monitor | <i>As Required</i> | NORM Radiation Monitor | <i>As Required</i> |
| Drill Out Head                    | <i>As Required</i> | Pipe Trailer           | <i>As Required</i> |
| Skid Boiler (hp)                  | 80                 | Mud Can                | <i>As Required</i> |

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