

RIG 19 - INTERNALLY GUYED DOUBLE

Max Depth Capacity: 12,450'

Class III

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 | 9/16" (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>Skytop 42X10</i> | Drive Rating (hp) | 385 |
| Rated Power (hp) | 450 | Transmission | <i>Allison 750</i> |
| Main Drum Brake Size | 42" x 10" | Sandline Drum Brake Size | 38" x 8" |
| Auxiliary Brake | <i>Kobelt 40" Disc</i> | | |

OVERHEAD EQUIPMENT

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

HANDLING EQUIPMENT

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

BOPs (NACE)

| | | | |
|--|------------|------------------------|--|
| Annular MFG | <i>IEI</i> | Pressure Rating & Size | 5,000 psi, 7-1/16" |
| 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

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 | Isuzu | Prime Rating (hp) | 53.6 |
| Change Room Size | 15' x 9'-8" | Bathroom Facilities | Yes |
| Generator House Size | 15' x 9'-8" | Wi-Fi Hotspot Booster | Yes |

MOBILE PUMP & TANK (OPTIONAL EQUIPMENT)

| | | | |
|-------------------------|-------------------|------------------------|------------------|
| Truck MFG & Model | Freightliner 2007 | Mud Pump Drive | CAT C11 |
| Pump MFG & Model | SJ Petro 300 | Pump Drive Rating (hp) | 300 |
| Pump Rated Power (hp) | 350 | Pump Pressure (psi) | 5,000 |
| Pump Stroke Length | 5" | Centrifugal Pump Size | 4" x 3" |
| Manifold Valve Quantity | 7 | Transmission | Allison 4500 RDS |
| Manifold Rating (psi) | 5,000 | # of Tank Compartments | 2 |
| Total Tank Volume (bbl) | 200 | 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 ₂ 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.
