

# PRICE RIG #1

## DRILLING RIG DESCRIPTION AND SPECIFICATIONS

**CLASSIFICATION:** National Oilwell 550

**DRILLING DEPTH CAPACITY:** 7600'

### RIG EQUIPMENT

#### **Power System**

One (1) Series 60 Detroit diesel engine.

### DRILLING EQUIPMENT

#### **Drawworks**

Mechanical Cabot Model 1287 with one (1) hydromatic brake mounted on Cabot back-in carrier.

#### **Drill Line**

1" EIPS .

#### **Derrick**

102' mast rated to 250,000 lb. Capacity.

#### **Substructure crossbase & mudboat**

Cabot unitized portable structure with 350,000lb. gross nominal capacity; 10' x 12' x 40'.

#### **Mud Pumps**

One (1) Continental Emsco D-375 pump powered by one (1) Series Detroit Diesel engine. (Trailer Mounted on Lowboy)

#### **Rotary**

One (1) Gardner Denver 17 1/2" with split master bushings.

#### **Crown Block**

Cabot 550 with four (4) sheaves

#### **Traveling Block**

McKissick; 100 Ton Capacity; 3-24" sheaves grooved for 1" wireline.

#### **Hook**

McKissick; 100 Ton Capacity; spring loaded duplex hook.

#### **Swivel**

King Oil; 100 Ton Capacity.

### DRILL STRING

#### **Drill Pipe**

7,600' 4" OD, 14.40#, Grade E, With FH connections.

#### **Drill Collars**

10- 6" OD x 30' zipped for elevators.

#### **Kelly**

One (1) 4-1/4" x 34' Baash Ross TRU Bore square kelly.

### BLOWOUT PREVENTERS AND WELL CONTROL EQUIPMENT

#### **B.O.P. System**

#### **Ram Preventers**

One (1) Shaffer LWS double ram, 11" 3,000 psi WP.

#### **B.O.P. Choke and Kill Line System**

#### **Choke Manifold**

One (1) 5,000 psi WP.

### MUD FACILITIES AND EQUIPMENT

#### **Mud Mixing Pump**

One (1) D375 stand by pump powered by Detroit Series 60 Diesel engine. (Trailer Mounted on Lowboy)

#### **Shale Shaker System**

One (1) Model Linear Motion Shaker

### AUXILIARY EQUIPMENT

One (1) 40KW Generator w/ 371 Detroit Engine. Vapor proof lighting system.

Air conditioned and heated bunkhouse.

Kelly Float , 3 Drill Pipe Floats, 1 Mud Boat Float & 1 Mack Winch Pole Truck 500bbl frac tank

\*Including all appurtenances and appliances for the operation thereof.