

# **PREMIUM WELL DRILLING**

## **RIG # 15 INVENTORY**

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### **DEPTH RATING**

13,500' with 4 1/2" drill pipe

\*depth is determined by casing design.

### **POWER SYSTEM**

#### **POWER**

Three (3) Caterpillar 3408 engines (350 HP each)

#### **LIGHT PLANT**

Two (2) Caterpillar 3408 engines w/265KW generator each

### **HOISTING SYSTEM**

#### **DRAWWORKS**

OIME Model SL-5 (1000 HP)

1 1/8" drill line, Parmac 342 hydromatic brake

#### **MAST**

Parco, 131' w/550,000 # capacity on 10 lines

#### **SUBSTRUCTURE**

18' Parco Sling Shot w/ 14' 3" Clear height

Rotary capacity 467,000# plus Set back capacity 357,000#

#### **BLOCK HOOK**

EMSCO (250 ton) Block and Web Wilson (250 ton) Hook

### **CIRCULATING SYSTEM**

#### **PUMPS**

Two (2) F 800 (800HP) triplex pumps

Tail driven

#### **MIXING MUD**

One Mission 5"X 6"centrifugal pump w/60 HP electric motor

#### **MUD PITS**

Three (3) pit system, eight compartment-750 bbls capacity w/ 70 bbl slug pit, 4 mud agitators

#### **SOLIDS EQUIPMENT**

One (1) M-I Swaco Moongoose shaker

One (1) 4 X 8" Demco Desander (700 GPM capacity)

One (1) 12 X 4" Demco Desilter (1080 GPM capacity)

### **WELL CONTROL EQUIPMENT**

#### **BOP's**

11" X 5,000 psi Xindel Annular

11" X 5,000 psi Xinde Double BOP

#### **CONTROL**

Koomey Type 80, 4-Station, 80 gallon accumulator

With two (2) air pumps and one (1) electric triplex pump

#### **CHOKE MANIFOLD**

5,000 psi choke manifold and kill line

### **ROTATING SYSTEM**

#### **SWIVEL**

Oilwell PC-300 (300 ton)

#### **KELLY**

5 1/4" Hex w/solid pin drive kelly bushing

#### **ROTARY TABLE**

Speedco 27 1/2"

### **DRILLING ASSEMBLY**

#### **DRILL PIPE**

4 1/2" Grade E 16.60# w/4 1/2"XH connections

#### **DRILL COLLARS**

6 1/4" with 4 1/2" XH connections

### **AUXILIARY EQUIPMENT**

Water Tank - One (1) 424 bbl capacity

Fuel Tank-11,675 gals capacity

Toolpusher & crew quarters

Satelite automatic driller

Mathey Electric Wireline machine w/.092" line

Totco 4 - pen drilling recorder

Varco pneumatic pipe spinner

Two (2) Air hoists, rig washdown pump

High pressure rig washdown water cleaner