

QG-IV



DESCRIPTION

Helicopter Rig type, drilling depth capacity 9,800 ft.

MAST

180 ft. x 15 ft. Base - Bournedrill
Hook load - 330,000 lb

CROWN BLOCK

Bournedrill 150 ton with 5 x 36" sheaves

SUBSTRUCTURE

Swing up type with 15 ft. clear working height under rotary table
- Rating 360,000 lb
- Set back Capacity 330,000 lb

DRAWWORKS

Cooper LTO – 550 Double Drum type drawwork 42" x 12" for
1 1/8" drilling line with a Parmac 202 Hydromatic Brake.
- Sandline Drum 9/16" x 3,500 m.

MAIN ENGINES

2 Detroit GM 8V92TA, rated 410 BHP at 1,800 RPM

MUD PUMPS

2 Triplex F-500 (DPM) with Allison Transmission S5610H and
C15/475 Hp Caterpillar Engine

SHALE SHAKER

2 Derrick Model FLC 503

MUD CLEANER

1 Derrick Model FLC 503 Flo-liner Cleaner with Dessander
(10" x 3), Dissilter (4" x 16) and Shale Shaker FLC 503

CENTRIFUGE

1 Brandt Model HS-3400

DEGASSER

1 Poor Boy Degasser
1 Derrick Vacu-Flo Model 1200 Degasser

DRILLING INSTRUMENTATION / EQUIPMENT SUPPLY

Totco Geograph with 6 pens
Martin Decker weight Indicator
Early kick detection system
H2S detection system
Pit volume control
Pump strokes counter
Mud flow fill indicator
Alarm Systems
Pump Pressure Gauges
Drillers console and stand pipe
Hidro-High rotary indicator assembly
Electric rotary table with RP M indicator
1 gauge and 1 sensor

MUD SYSTEM

5 Tanks of 100 bbl
4 Agitators Electric
8 Mud Guns
2 Mixing Hoopers

GENERATOR SETS

1 KATO 312 KVA individual skid mounted driven by Cummins
engines NT - 855G6
2 CAT Model 350, 400 Kva individual skid mounted driven by
engines CAT 3406C

ROTARY TABLE

17 1/2" Cooper table rating 300 ton - rotating speed 300 RPM
OBS: option for Ideco 23"

SWIVEL

National Oiwell PC-150 - for 150 ton

TRAVELING BLOCK AND HOOK

Continental Emsco 150 ton / Hydra Hooks 150 ton

BLOWOUT PREVENTERS

1 Rongsheng Anullar preventer 9" x 5K psi, Model D / FH 23-35
2 NL Shaffer rams preventer 9" x 5,000 psi

ACCUMULATOR

Koomey Type MA 0800 12 bottles
- Remote panel on rig floor

CHOKE MANIFOLD

Choke manifold 3 1/8" x 5,000 psi with two manual
adjustable chokes Cameron 3 1/8" x 5,000 psi and hydraulic
choke Cameron 3 1/16" x 5,000 psi

HCR

NL Shaffer Type DB - Hydraulic operated valve
3 1/8" x 5,000 psi

AIR COMPRESSOR

1 Wayne - Model W960
1 Schulz – Model MSWV 60F
1 Wayne - Model W40

DRILL PIPES

Drill Pipe 3 1/2" G-105
Drill Pipe 4 1/2" G-105

DRILL COLLARS

Drill Collars 3 1/2" and 4 3/4"

KELLY DRIVE AND BUSHING

1 x 4 1/4" square and 1 x 3 1/2" square

KELLY SPINNER

Foster Hydraulic (upgrade)

HYDRAULIC TONGS

Eckel 8 5/8 Hydra shift
Max. torque: 30,000 ft./lb

CAMP

The camp houses are equipped to accommodate up to 60 people,
full air conditioner, with: toilet, showers, dining room, kitchen
clinic, tv dish, phone to call company man, tool pusher, geologist,
mud engineer and camp office. Prime Movers:

2 Scania DS11; 167 HP; 1800 RPM Generators: 2 Toshiba GAST;
135 KVA