

FRANKS CABOT 900
SPECIFICATION OF MAJOR RIG EQUIPMENT

HOISTING EQUIPMENT

DRAWWORKS

<u>Make and Model</u>	Franks Cabot - 900
<u>Power</u>	2 no. Caterpillar 3408 Diesel Engines – 900 HP Enclosed in soundproofed house.
<u>Transmission</u>	Alison 5861
<u>Drum Grooving</u>	Lebus 1 1/8"
<u>Auxiliary Brake</u>	Parmac 22" DR Hydromatic Brake.
<u>Catheads</u>	Hydraulic Cathead System – Drilco Easy Torque.
<u>Wire Line</u>	Dyform 1 1/8" to extend ton miles and reduce slip and cut frequency.
<u>Wire Line Anchor</u>	National Type D. 1 1/8".

MAST

<u>Make</u>	Kremco / Dreco - Telescoping doubles mast
<u>Guying</u>	Internally guyed – no ground anchors required.
<u>Dimensions</u>	Clear Height 29.6 metres – rig floor to underside of crown.
<u>Capacity</u>	Maximum Combined Operating Hook load 440,000 lbs
<u>Racking Capacity</u>	2,500 metres of 5" drill pipe

SUBSTRUCTURE

<u>Make and Type</u>	BENTEC API 4F - Telescopic.
<u>Simultaneous Capacity</u>	400,000 lbs casing capacity with 280,000 lbs setback capacity Total Load 680,000 lbs.
<u>Height to floor</u>	5.60 Metres RTE
<u>Rig floor winches</u>	2 no. Braden 3T Hydraulic Winches
<u>Man Riding Winch</u>	Dog Hut roof mounted.
<u>BOP Handling</u>	Substructure mounted trolley system for 13 5/8" BOP Stack.
<u>Horizontal Pipe Handler</u>	EFC, Zone 1 rated. 2 7/8" to 13 3/8" Tubular range 3 tonne maximum tubular weight

ROTARY EQUIPMENT

ROTARY TABLE

Make and Model National C 27¹/₂"

Static load capacity 570 tons (Rotating load capacity 355 tons)

Size opening 27¹/₂"

ROTARY MASTER BUSHING

Make and Model Varco MSPC c/w casing bowls - #1, #2, & #3
Nº: 1 - 13³/₈" - 11³/₄" Nº: 2 - 10³/₄" - 9⁵/₈" Nº: 3 - 8⁵/₈" down

Type Pin Drive with lifting slings etc.
c/w bowls Nº: 1 - 13³/₈" - 11³/₄"
Nº: 2 - 10³/₄" - 9⁵/₈"
Nº: 3 - 8⁵/₈" down

SWIVEL

National P 200 – 200 ton, 400,000 lbs static rating

TRAVELLING BLOCK

Continental Emsco RA -36 – 5H6250
250 ton – Coupled to top drive – no hook available in normal
Top Drive operation.

TOP DRIVE

Make and Model Tesco TDT 350 HC Hydraulic
350 ton static rating

Pressure rating 5,000 psi

Power Caterpillar 3412 – Diesel Powered HPU 750 HP In soundproofed
container, c/w service loop reel.

Drilling Speed Range 0 to 160 RPM

Drilling Torque 30,000 ftlbs 90 RPM , 16,000 ftlbs 180 RPM
*Drilling torque setting dependent on drill pipe torque settings
and 1no. or 2no. Hydraulic motor operation.*

Pipe Handler **Tesco Grabber Box – 37,000 ftlbs break out torque, 32,000
ftlbs make up torque.**

IBOP Integral unit.

STANDPIPE

4" schedule 160, 8000 psi

Torque Wrench

Drilco Easy Torque unit
Hydraulic catheads in the derrick.