



1300 HP Trailer Mounted Rig – As New - Surplus

Package rated to 13,500'

Original Delivered Date: 2008

I- DRAWWORKS

RG Model JC28B, max speed 450 rpm – API spec 7K

Rated @ 1300 HP

Fast line pull 62,107 lbs

Diameter: 40 inch x 25 inches

ATD 330H axial thrust disc clutch (New from WPT 2 Qtr. 2013).

Drawworks fitted with disc brakes – 14,330 lbs positive pressure per rim

Disc brakes have separate hydraulic system

Eaton model 324 auxiliary brake – water cool – separate tankage

7,500 ft. 1-1/4" drill line 6x19 EIPS IWRC RRL

Crown-O-Matic toggle valve crown saver

II- TRAILER

Model ES 9750TZJ with Mast Crown and Standpipe

(5) axle, triple steel board, balanced suspension. (2) Air lift (3) Spring, 12 x 20 double tires

OAL 50' L x 10'10" W x 14' H with Mast on

Back overhang 5'4"

Axle spacing 4'6"

(5) x 26,000 lbs. axles

III- SUBSTRUCTURE

Model ZZT225D rated at 500,000 lbs – pull test 580K

Floor Height – 19' 8-1/2" (scoped up)

11'6" W x 30' L x 10'3" H (scoped down)

Under Rotary 17' 6"

Clear area under beams – 15.7 feet

Mechanical raise with adjustments for uneven locations

Floor – 24 feet x 20 feet Complete with 2 walkways, and trailer walkway ladder



IV- DERRICK AND TRAVELING EQUIPMENT

Mast Model JJ22538 – API 4F Double (125' x 505,000 lbs.) (Clear Height 105')

53'10" (scoped in)

Board heights – 72.2 feet/ 75 feet/ 78.7 feet

Raising speed – 12 minutes from horizontal

Hydraulically scoped (both cylinders repaired by Texas Hydraulic 2nd Qtr. 2013

13,500 feet 4 ½" pipe racking capacity

Wind resistance – 110 km/hr

Complete with explosion-proof lighting and parameter lighting repaired 2nd Qtr. 2013).

Complete with Geronimo line, sala block, tong cylinders

4 inch x 7000 psi standpipe and 3" ID x 60' kelly hose

Crown Model TC225, 250-Ton capacity, 10 lines

Traveling Block Limit Switch (Crown Block Saver) Safety device for limiting traveling block raising.

Installed at

the main drum to activate the main brake when traveling block is up to a pre-determined height.

Racking board all welded The racking board automatically deploys as the mast is extended.

Guy lines Derrick includes (2) load guys from the crown to carrier and (1) set of wind guys that meet or exceed API specifications.

Hydraulic Catheads

o Hydraulic break out cylinder for breaking out pipe connections, 4 ft. stroke, maximum pull load 20,000 lbs.

Installed on the mast. Includes cable, roller guides and hydraulic piping.

o Hydraulic make up cylinder for making up pipe connections, 4 ft. stroke, maximum pull load 20,000 lbs.

Installed on the mast. Includes cable, roller guides and hydraulic piping.

o Controls are located at the operator's console.

V- ROTARY DRIVE SYSTEM (Note Top Drive Can Be Added at extra cost)

Model ZP 275 – 27 ½ inch opening rated @ 500-Ton– API 7K

Max speed – 300 rpm

Torque – 20,265 foot lbs

Right Angle Gear Box Driven (Shopped & Tested by TCM-Offshore, and spare in Doghouse).

Permanent and ratcheting type locking systems

Rotary torque sensor

Master bushing rated for 500 Tons with API #3 interior – Pin drive



VI - MUD PUMPS

Two NEW BOMCO 1000 HP pump package with refurbished CAT D-399 diesel engines. Fluid end expendables, modules, bearings, and all new gear end. Coupled with Wichita Double Clutch with pillow block bearings.

Package mounted on heavy duty 3-runner oilfield skid.

VII - TWO TANK MUD SYSTEM

1000 Bbl Two Tank Mud System Used (40' x 10' 6" x 7' 0" approx..) on a three runner oil field type skid (50' x 7' 10" x 8" approx..) with loading hitches on both ends for tail boarding. Tanks to have internal ladders to each

compartment, equipment supports, fold down type handrails and covered with galvanized bar grating. Mud

system to consist of the following (Brandt or equivalent):

Shaker Tank – Four equal compartments

- o Shale Pit

- § 10'-0" compartment

- § One (1) cleanout

- § One (1) overflow

- o Desander Pit

- § 10'-0 compartment

- § One (1) cleanout

- § One (1) overflow

- § One (1) 6" suction line from 5 x 6 centrifugal pump.

- § One (1) 8" equalizer. Bottom mounted with top mounted handle.

- o Desilter Pit

- § 10'-0" compartment

- § One (1) cleanout

- § One (1) overflow

- § One (1) 6" suction line from 5 x 6 centrifugal pump.

- § One (1) 18" equalizer. Bottom mounted with top mounted handle.

- § Equipment supports for one (1) 10 HP agitator

- o Degasser Pit

- § 10'-0" compartment

- § One (1) cleanout

- § One (1) overflow

- § One (1) 8" bottom equalizer and one (1) 8" top equalizer.



§ Equipment supports for one (1) 10 HP agitator
o 9'-0" Porch

§ Able to accept two (2) 5 x 6 centrifugal pumps

§ 10" equalizer line to Suction Tank

§ Covered with ¼" Chk'd floor plate.

§ Overhead plated roof.

Suction Tank – Two Compartments.

o Suction compartment

§ 30'-0" compartment

§ One (1) cleanout gate.

§ Two (2) 6" suction lines going to main mud pumps.

§ Equipment support for two (2) 15 HP agitators

o Pill Compartment

§ 10'-0" compartment

§ One (1) cleanout gate.

§ One (1) 8" equalizer. Bottom mounted with top mounted handle

§ One (1) overflow

§ Equipment supports for one (1) 10 HP agitator

o Porch

§ Able to accept two (2) 5x6 centrifugal pumps.

§ 6" line to both pumps

§ One (1) discharge dumping line

Pill Tank

Suction Tank.

Accessories

o Single slide for shaker. Slide to mount to the side of the tank and fold down during transportation.

Slide complete with 6" pipe end for hose hook up in the field.

o Single slide for de sander. Slide to mount to the side of the tank and fold down during transportation.

Slide complete with 6" pipe end for hose hook up in the field.

o Single slide for desilter. Slide to mount to the side of the tank and fold down during transportation.

Slide complete with 6" pipe end for hose hook up in the field.

o Fold down type walkways around shaker area complete with galvanized grating and removable handrails. Walkways to fold down during transport.

CPC to pipe tanks, set equipment on top of tank and supply all necessary pipe, valves, fittings, etc.

VIII- LIQUID CAPACITIES

Fuel Oil: 10,000 gallons 34' L x 8' W x 10' H skidded c/w loading hitches

Process tank: 70 barrels

Water Tank: 10,000 gallons 30' L x 10' W x 10' H skidded c/w loading hitches



IX- RIG POWER

Two each Caterpillar C-18 (AR# 237-1955), (SN# WJH01434), (AR# 237-1955), (SN# WJH01431) electronic engines complete with Allison 6061 transmissions

Two redundant hydraulic pumps mounted on transmissions for raising/lowering Mast Compound box Model BXJ, input speed max 2500 rpm, output torque 19,176 foot lbs

X- GENERATOR HOUSE

Two Volvo diesel engines (Model TAD1641GE) 1800 RPM, 565Kw (Serviced by TCM-Offshore).

Two Samford generators 400 Kw, 60 Hz, 3Ph, 1800 RPM (Serviced by TCM-Offshore).

Electronic engine control panels (2)

Fully enclosed house 31' L x 9'7" W x 10'6" H c/w loading hitches

XI- MCC HOUSE

RG System – 3 gen cubicles – 4 MCC cubicles

500 kVA 480 to 240/110 VAC transforms

480 Vac MCC panel

Air conditioned house c/w work desk, interior lighting, outside plug in receptacle panel

MCC House 31'3" L x 9' W x 10'6" H c/w loading hitches

Soft Start Cabinet #1

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480 Vac MCC panel

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MCC House 31'3" L x 9' W x 10'6" H c/w loading hitches

Soft Start Cabinet #1

Merlin Gerin – NSC 160S 125A breaker (x4) Telemecanique – LCID115 Magnetic Contactor (x7)

Telemecanique – ND / NC push buttons ZB2BW06.C

Telemecanique – Schneider button indicator XB2-BVB4LC (x6) Telemecanique – Switch ZB2-BE101C

Telemecanique – Contact block LADN11 (x6)

Allen Bradley – Motor Controller SMC 135 amp 480 Vac 150-A135NBD

Soft Start Cabinet #2

Merlin Gerin – NSC 160S 125A breaker (x4) Telemecanique – LCID115 Magnetic Contactor (x7)

Telemecanique – ND / NC push buttons ZB2BW06.C

Telemecanique – Schneider button indicator XB2-BVB4LC (x6) Telemecanique – Switch ZB2-BE101C



Telemecanique – Contact block LADN11 (x6)
Allen Bradley – Motor Controller SMC 135 amp 480 Vac 150-A135NBD Merlin Gerin – NSC 160S 125A breaker (x4)
Telemecanique – LCID115 Magnetic Contactor (x7) Telemecanique – ND / NC push buttons ZB2BW06.C Telemecanique – Schneider button indicator XB2-BVB4LC (x6) Telemecanique – Switch ZB2-BE101C
Telemecanique – Contact block LADN11 (x6)
Allen Bradley – Motor Controller SMC 135 amp 480 Vac 150-A135NBD 5
Feeder Cabinet 02-A
A1 thru A8: ABB S1 breakers
A9-A10: ABB Breaker MS 325 690V
A11-A12: ABB S2 Breaker I4= 160A UE=690V A13: ABB S3 Breaker I4= 250A UE=690V
Incoming Cabinet 480V
ABB S1-I4=125A 4E=500V (x2) Breaker ABB SACE F1-IN=1250A UE=415V (x2)
CHNT Transformer – 480V/240V NDK (BK) – 300 50/60 HZ (x2) RT14-20-IEC=269 GB=13529 20A 380V
Lighting Cabinet – C
C1,C2,C3,C6,C11,C12,C13,C14: ABB S1 Breaker, IU= 125A 4E=500v
C4,C5,C7,C8,C9,C10,C15,C16,C17,C18,C19,C20: S252S Breaker C25, IEC-30898, GB-10963
Feeder Cabinet 01-B
B1 thru B8: ABB S1 Breaker, IU= 125A UE=500V B9-B10: ABB Breaker MS 325, 690V
B11-B12: ABB S2 Breaker, I4= 160A UE=690V B13: ABB S3 Breaker, IU=250A UE=690V

XII- AIR COMPRESSOR HOUSE

Sullair (2) 220 CFM screw compressors Model LS12-50HHAC SULL, SN# 88290006-329
(2) 400-gallon air receivers ASME approved
125 gallon air receiver drawworks motors
SRC 200 Dryer refrigerant
SRC 220 dryer
Two each 50HP Model LS12-50H helical air compressors, 50 HP, 37 Kw, 187 cfm
Separator and volume tanks
Fully enclosed house 32' L x 9'9" W x 10' H c/w loading hitches

XIII- BLOW OUT PREVENTION SYSTEM

a) Blowout Preventer, 11" 5,000 psi WP Annular Hydril Type GK or equivalent Screw Head Annular (Rebuilt/Recertified) 5,000 psi WP Flange (BX-160) Bottom x 5,000 psi WP Studded (BX-160) Top, Stainless
Steel Lined Ring Grooves, H2S Trim c/w New Aftermarket Packing Element & Seal Kit installed. Original Hydril



Manufacture Remanufactured by an API 16A and ISO 9001 Licensed Facility c/w data book.

b) Blowout Preventer, 11" 5,000 psi WP Shaffer or equivalent (Re-certified) Double Ram, Flange x Flange, w/

(4) 4-1/16" 5,000 psi WP Flange Side Outlets Less Blind Flanges, c/w Standard Bonnets both Cavities, LESS

RAMS, c/w new Cameron OEM seals. Original Cameron manufacture, Remanufactured by an API 16A and ISO

9001 Licensed Facility c/w data book.

c) (1 set) Rams, Shaffer or equivalent x Standard Pipe Size (including Blind rams), c/w new aftermarket ram

rubbers installed Furnished with Hardness Survey for rams and COC for ram rubbers

d) New Mud Cross Drilling Spool API 16A Certified, meet the requirements of NACE Std. MR0175 for sour service. Side outlets (2) 3-1/16".

e) New OCO or equivalent 3 /16" choke/kill manifold, 9 valve set up, buffer chamber & skid. Swaco Super

Choke, Adjustable Manual. Valves & Chokes API 6A, PSL-1. Manifold to meet or exceed H2s environment specifications. (Customer to supply layout drawing).

f) One (1) Accumulator System Burnsco or equivalent 6-Station 3000psi working pressure, with 2 each 60:1

air pumps and 1 each 15hp electric motor driven triplex pump with 7/8" plungers – 11 gallon bladder type 12

(bottles) – ASME vessels, Drillers Control Panel – API compliant unit, master skidded c/w loading hitches.

XIV- AUXILIARY EQUIPMENT

Brake cooling tank with pumps (below Drillers House – one skid)

(1) 20' container with associated spare parts/components for deck engines, drawworks and drive lines.

Two floor (K4UL) or equivalent air tuggers rebuilt & mounted on floor drawworks winches – 3 short tons and 5 short tons with new US wire installed

One swivel Model SL225 – 500,000 lbs x 5000 psi x 6 5/8 Regular LH connection rebuilt/recertified

One Hook/Block combo – Model YG225 – 500,000 lbs rebuilt/recertified

Deadline Anchor with E-80 sensor – Type D Style Deadline Anchor to be used with compression type weight sensor. Drum type, mounted on carrier frame in front of drawworks frame.

Firefighting/Safety extinguishers 10 to 30 lbs.

Lad Safety system (Mast winch) for Mast Handling Tools.

5-1/4" Hex Kelly and Kelly Shuck

All crossovers for the 4-1/2" Drill Pipe, 8" Collars, 6-1/2" Collars, and handling tools to match will be supplied with the rig.



XV- DRILLERS CONTROL STATION AND CONTROL HOUSE

Fully enclosed with explosion proof A/C

Indicator/Gauge & Counter

o EMS-2 or Equivalent Rotary Torque indicator, Weight indicator, and Tong torque gauge, Circulating pressure

gauge, two (2) ea. Pump stroke counter.

Drilling Recorder

o EMS-2 or Equivalent Drilling recorder, 5 pen (weight, torque, penetration rate, pump pressure, rotary rpm).

(Diameter 103 Dan Kurang 6 Buah Printed Circuit Board).

Hydraulic Power Unit for Disc Brake System

XVI- HANDLING TOOLS

Complete set of Handling Tools to handle 4-1/2" drill pipe, 6" & 8" collars.

Drill Pipe Not Included

Ex-Works Rig-up yard Houston, TX USA

Subject to prior sale – 30 days Delivery

Terms: 50% with order, balance due before loading

Price: \$1.2 million

TOTAL

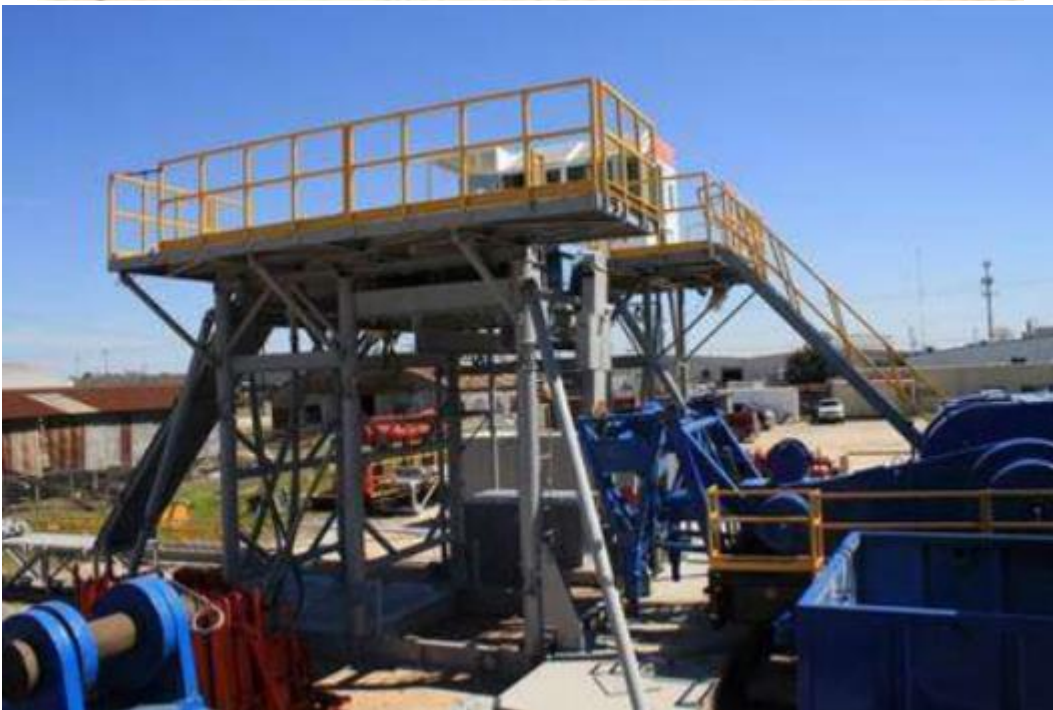
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