

## BREWSTER N-55 (REF#1902N)



- ⦿ Hoisting: Brewster N-55 Console: Rebuilt October 2005
- ⦿ Compound: Brewster, Inline, 2 Engine, 2 New 24" Clutches Rebuilt October 2005
- ⦿ Air Compressors: (2) Quincy Model 325 Quantity 2
- ⦿ Power #1: Caterpillar 3408 Ser #67u9164/67u42084 - 425 Hp Rebuilt
- ⦿ Power #2: Caterpillar 3408 - 425 Hp Rebuilt
- ⦿ Torque Converters Twin Disc Model:11524-Tc-0 With New Extra Large Oil Coolers, Rebuilt Ser#42084/39013
- ⦿ Parkersburg Model: 40r Ser # A5-73 Brake
- ⦿ Crownblock Line Size: 1 1/8, Diameter: 36"X 60", No. of Sheaves: 6, Rebuilt April 2006 Sowa 250 Ton Traveling Block and Hook, 5 Sheaves
- ⦿ BJ 250 Ton Hook
- ⦿ Elevator Links
- ⦿ Drill String Elevators 250 Ton, 5", Inspected and Rebuilt
- ⦿ Drill String Slips, 5", 6-1/4 Drill Collar Slips
- ⦿ Mast: 131' X 480,000# Lcm Ha27155 Mast, Serial# T-2160, Rebuilt November 2005, 4" Stand Pipe New Figure 400 "6000" Psi Unions
- ⦿ Substructure: 15' Height, 46'LX 24'W
- ⦿ Rotary Beam Height: 11'3"
- ⦿ Conductor Pipe Specs: 16" Diameter, 11'2" to top of 8" Flow Nipple
- ⦿ 10'sub X 5' Pony, New V-Door, 2 Cat Walks W/ Pipe Stop, Stairs and Hand Rails
- ⦿ Air Tanks: 2 Systems Drillers Side for DP/Kelly Spinner, & Hoist.
- ⦿ Off Driller Side for Drawworks with Check Valves to Prevent Clutch Failure.
- ⦿ Vertical Air Tank in Power House
- ⦿ Water Pumps: (2) New MCM Model:3x2x2.50x20h.P
- ⦿ Generator House: 40.5'l X 10'w X 9'h, (2) Cat 34406b
- ⦿ Kw: 210kw/275kw Rebuilt
- ⦿ Parts House on end, Motor Controls, Transformer, Air Compressor, Receiver Tank and Day Tank
- ⦿ Quincy 25 Hp Screw Style Air Compressor – Rebuilt

## BREWSTER N-55 (REF #1902N) continued



Mud Pump #1: Lanzhou F-1000 X 10" Stroke, 398 Cat 925 Hp @ 1200 RPMS New as of May 03, 2007

Features:

1. Unitized on 1 Skid
2. Quick Change Motor Removal with Hydraulic Belt Tensioners
3. WPT Power Take off
4. Belt Driven Pre-Charge Pump

Mud Pump #2 : Lanzhou F-1000 X 10" Stroke, 398 Cat 925 Hp @ 1200 RPMS New as of May 03, 2007

Features:

1. Unitized on 1 Skid
2. Quick Change Motor Removal with Hydraulic Belt Tensioners
3. WPT Power Take off
4. Belt Driven Pre-Charge Pump

- ⦿ Liner Washer Tank: WRI 200 Gallon Capacity, (2) 1 1/2x1 1.5 H.P.
- ⦿ Rotary Table: Ideco SHS 23.5, Kb: 16' 4", Split Master Bushing, Rebuilt, Square Style
- ⦿ Swivel: Continental Emsco L.A. 300, 300 Ton, Rebuilt as of October 2006 Kelly: SMF, Connections: Upper 6 5/8 Regular LH X 4 1/2 X-Hole RH Lower Model: 4 1/4 Square 40' OA X 37' WA Characteristic: New as of October 2005
- ⦿ Kelly Spinner: Oilworks OWI 1500, New as of October 2005
- ⦿ Drill Pipe Spinner: Oilworks, Model: OWI35C7, New as of October 2005
- ⦿ Air Hoist: Ingersoll Rand Model: 6kul, Rebuilt By Oilworks as of October 2005 Kelly Bushing Varco Style Model: HDS, New as of November 2005
- ⦿ Tongs: Foley Type B, Heads 4 3/4-8 3/4

BREWSTER N-55 (REF #1902N) continued



Mud System: Shale Tank Approx 350 Bbl Capacity, 10' X 6' X 55', Remanufactured In 2005

Features:

1. V-Bottom design
2. (4) 10" Dumps to reserve flush with bottom
3. Inline Design (4) compartment with (1) agitator in the 4th compartment at 10" equalizer
4. Grated flooring over entire pit for safety
5. Hand rails around perimeter and removable
6. 360 degree lighting on rig side of pits
7. Flush personnel access hatches
8. Wash down hoses, hose racks, work trays, telescoping light poles
9. 30'x 6" QC light weight suction hoses to reserve with flotation for filling pits with mud mixing pumps
10. Folding stair to help make rig moves more efficient
11. Folding solids trays to reserve plumbed to skimmer pump to keep trays clean for desander, desilter and shaker
12. Skimmer pump piping on reserve side
13. Bypass to circulate reserve is unitized in compartment 1 under the shaker to circulate the reserve "Does Not Have To Be Removed For Rig Move"
14. 8" Butterfly valves between all compartments
15. Over flow to reserve

## BREWSTER N-55 (REF #1902N) continued



Suction Pit: Approx 250 Bbls Capacity, 8'w X 6'h X 47'l, Remanufactured In 2005

### Features:

1. Round Bottom Design
2. (3) 10" Dumps to reserve flush with bottom
3. Inline design, 2 compartment, 50-60 bbls pre mix with agitator, suction compartment with 2 agitators
4. Grated flooring over entire pit for safety
5. Hand rails around perimeter and removable
6. (2) 1.5 gallon sweep tanks on pit for each mud pump at waist height so derrick man does not have to leave pit
7. Provisions for skimmer pump feed for filling or cleaning with reserve water
8. 1" air and fresh water lines on rig side of pits
9. 360 degree lighting on rig side of pits
10. Inspection slot for mud sampling at hopper
11. Control valves under hatches
12. Flush personnel access hatches
13. Wash down hoses, hose racks, work trays, telescoping light poles
14. 30'x 6" QC light weight suction hoses to reserve with flotation for filling pits with mud mixing pumps
15. 10" Bull dog equalizer boot
16. Stairs are integrated and do not have to be removed for a rig move "stairs are removable to service mixing pumps"
17. Overflow to reserve

Mud Mixing Pumps: (2) O'Dril Model: 6x5x11x2.50x50 H.P., with Dodge Couplings, New as of October 2005

### Features:

1. Designed so pits can be filled from reserve.
2. Designed as back up for charge pump on #1 & #2 mud pump
3. Hopper on top of pits "new 10-05"
4. Designed so either pump can be used as mud mixer or charge pump to #1 and #2 mud pump

## BREWSTER N-55 (REF #1902N) continued



- Shale Shaker: Swaco, Model: "A.L.S." Linear Motion, Rebuilt as of October 2005 Solids Control
- Desander: O'dril, 10' X 2 Cones 1000gpm, Power: 6x5x11x2.50x50h.P. With Dodge Couplings, New as of October 2005
- Desander: O'dril, 5" 10 Cones 800gpm, 6x5x11x2.50x50h.P. With Dodge Couplings, New as of October 2005
- Agitators: Derrick, 5 H.P. X 36" Blades, (3) In Suction Pit And (1) In Shale Pit, New as of October 2005
- Blowout Prevention and Control Equipment, Annular Reagan 10 3/4", New Element Installed as of September 2006
- Ram Type Schaffer Double Type –E 3000psi, Type 39 Rams, (1) 4 1/2 Pipe, (1) 5 Pipe, (1) 5 1/2 Pipe, (1) Blind, Rebuilt
- Closing Unit Payne 4 Station 3000 Psi, Inspected and Repaired as of October 2005
- Choke Manifold: Superior Valve, Chokes: (2) 2" 5000 Psi, Valves: (2) 2" 5000 Psi,(1) 4" 5000 Psi. Full Flow Cross, New as of October 2005
- Fresh Water Storage: Shop, Approx 500bbl Square with Crimped Walls, 7'2"W X 10'5"T X 38'I, New as of 2005
- Drill Pipe: 5" Quantity: 8-9000', 19.5#, 4 1/2 If Conn
- Drill Collars (21) 6 1/4, 4 1/2 X-Hole, Bb Box, Rg Pin, Slip Recess, 10" Hb On Box, New as of October 2005
- Weight Indicator: Martin Decker Seal-Tite weight indicator, New as of October 2005
- Tongue Pull Back Gauge: AOI, 20,000 llb Line Pull, New As Of October 2005
- Presser Gauge: AOI 5000 PSI, New as of October 2005
- Wireline Unit: Five Star, Model: .092 15,000', New as of October 2005
- 7500' 1.125" Drill Line, new spool October 2006
- 5" – 4-1/2 OD Mud Bucket
- 55' Rotary Hose
- Triangle Pipe Racks (6) sets, (1) 42" X 30' (3) Sets 39" X 30' (2) Sets Casing Pipe Racks 10" X 30'
- Upper Dog House: 7'6"W X 20'I, Lockers, Benches, Knowledge Box, New Heater and Lighting
- Lower Dog House: Lockers
- Electrical: Mast/Sub/Pits/ Pumps, 360 Degree Lighting, Appleton Receptacles, 208v Transformer

BREWSTER N-55 (REF #1902N) PHOTOS



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