



### Rig 829

#### Sling Shot Hydraulic Lift, Triple

##### General Description

Make	LeToureau
Year Built/Rebuilt	2009
Estimated Drilling Depth	20,000 fi
Estimated Rig Move Loads	193
Estimated Camp Move Loads	37
Rated HP	2000

##### Mast

Height	147.00 fi
Static Hook Load Capacity	1,000,000 lbs
Mast Racking Capacity	20,000 fi

##### Substructure

Style	Parallelogram
Height	30.00 fi
Clear Height	26.75 fi
Casing Capacity	1,000,000 lbs
Maximum Setback Load(lbs)	600,000

##### Drawworks

Make	LeTourneau
Model	LDW 1000K
Power Rating	2,000 hp
Input Power	2 ea LeTourneau TT 1500/1600HP
Brake Type - Band or Disc	Disc
Drilling Line Size	1 1/2"
Auxiliary Brake	WPT W36-OM-402

##### Top Drive / Power Swivel

Make	LeTourneau
Model	DDTD 500
Capacity	500 Ton
Torque - Continuous	42,500 fi-lb @ 115 RPM

##### Swivel

Make	American Block
Model	HH500
Capacity	500Ton

##### Rotary Table

Make	LeTourneau L-375
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Table Opening .37 1/2"

Maximum Load Rating .650 Ton

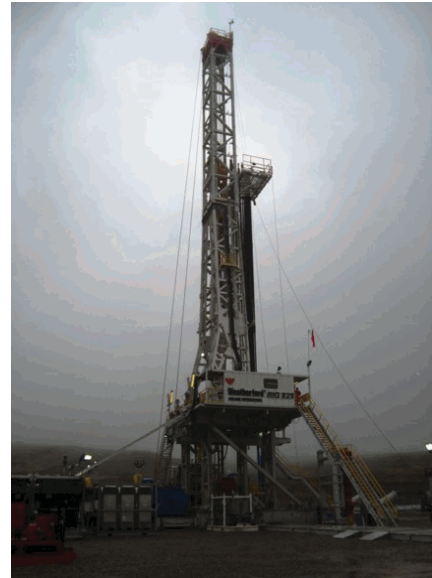
##### Power Generation

Engines	8 ea Caterpillar 3512B @ hp
Generators	4 ea Katio AA27647010 @ 1101 KW
SCR / VFD / DC/DC	VFD Rig

##### Enhancements

Crane	Terex RT551-1
Forklift	Caterpillar IT62H
Iron Roughneck	Blohm & Voss Oil Tools GF-1100

Current Location: Iraq



##### Mud System

Mud Pumps	3 ea LeTourneau WH 1612
Power Rating	1,600 hp @ 120 spm
Pressure Rating	5,000 psi
Active Mud Volume	1,500 bbls
Reserve Mud Volume	1,000 bbls
Shale Shakers	3 ea Fluid Systems B4X-12
Mud Cleaner	N/A
Desander	LeTourneau 10" X 3 Cones
Desilter	LeTourneau 4" X 16 Cones
Centrifuge	N/A

##### Well Control

Annular	21 1/4" 2,000 psi, Hydril, MSP
Single Ram Preventer	13 5/8 10,000 psi, Cameron, U
Choke Manifold	Lamprell Energy 3 1/16" 10,000 psi
BOP Closing Unit	CAD Control Systems 6 Station 3,000 psi



### Rig 842

#### Cantilever Mast on Dolly, Hydraulic Lift, Triple

##### General Description

Make	NOV
Year Built/Rebuilt	2009
Estimated Drilling Depth	18,000 ft
Estimated Rig Move Loads	115
Estimated Camp Move Loads	36
Rated HP	1500

##### Mast

Height	142.00 ft
Static Hook Load Capacity	750,000 lbs
Mast Racking Capacity	19,300 ft

##### Substructure

Style	Parallelogram
Height	25.00 ft
Clear Height	21.30 ft
Casing Capacity	750,000 lbs
Maximum Setback Load(lbs)	500,000

##### Drawworks

Make	NOV
Model	JC-50D
Power Rating	1,500 hp
Input Power	2 ea Yongji
	YZ08X3
Brake Type - Band or Disc	Disc
Drilling Line Size	1 3/8"
Auxiliary Brake	Wichita EDS

##### Top Drive / Power Swivel

Make	NOV
Model	TDS 11-SA
Capacity	500 Ton
Torque - Continuous	37,500 ft-lb @ 125 RPM

##### Swivel

Make	Lanzhou
Model	SL-450-5
Capacity	450Ton

##### Rotary Table

Make	NOV ZP-375
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Table Opening . . . . . 37 1/2"

Maximum Load Rating . . . . . 650 Ton

##### Power Generation

Engines	4 Engines R1638A36 By DDC
Generators	4 Generators S437RUJ-597A 1,050 Kilowatts
SCR / VFD / DC/DC	SCR Rig

##### Enhancements

Crane	Terex RT555-1
Forklift	Catierpillar IT 38 H
Iron Roughneck	NOV IR-3080

Current Location: Iraq



##### Mud System

Mud Pumps	1 ea NOV 12-P-160
Power Rating	1,600 hp @ 120 spm
Pressure Rating	5,000 psi
Active Mud Volume	1,000 bbls
Reserve Mud Volume	285 bbls
Shale Shakers	3 ea Brandti King Cobra
Mud Cleaner	N/A
Desander	Brandti 6" X 3 Cones
Desilter	Brandti 4" X 20 Cones
Centrifuge	N/A

##### Well Control

Annular	13 5/8" 5,000 psi, Hydril, GL
	ATR-945268 13 5/8" 5,000 psi, T3 Energy Services, 7082
Single Ram Preventer	ATR-945268 13 5/8 10,000 psi, T3 Energy Services, 6012
	13 5/8 10,000 psi, Cameron, U/witih boostiers
Double Ram Preventer	ATR-945268 13 5/8" 10,000 psi, T3 Energy Services, 6012
Choke Manifold	Doyles Valves
	4 1/16" 10,000 psi
BOP Closing Unit	NOV
	7 Stiation3,000 psi



### Rig 887

#### Swing Lift, Triple

##### General Description

Make	Drillmec
Year Built/Rebuilt	2013
Estimated Drilling Depth	19,600 ft
Estimated Rig Move Loads	130
Estimated Camp Move Loads	70
Rated HP	2000

##### Mast

Height	156.00 ft
Static Hook Load Capacity	1,300,000 lbs
Mast Racking Capacity	16,700

##### Substructure

Style	Parallelogram
Height	35.00 ft
Clear Height	30.00 ft
Casing Capacity	1,300,000 lbs
Maximum Setback Load(lbs)	800,000

##### Drawworks

Make	Drillmec
Model	MAS 7000 AC
Power Rating	2,000 hp
Input Power	2 ea General Electric .5GEB22A5
Brake Type - Band or Disc	Disc
Drilling Line Size	1 1/2"
Auxiliary Brake	Baylor 7838
Auxiliary Brake	Aker Solutions W7200-E-SD-RJ-B

Make	Tesco
Model	500 ESI 1350
Capacity	500 Ton
Torque - Continuous	72,000 ft-lb to 200 RPM

##### Swivel

No Swivel

##### Rotary Table

Make	Drillmec
Table Opening	37 1/2"
Maximum Load Rating	650 Ton

##### Power Generation

Engines	5 ea Caterpillar D3512B @ 1435 hp
Generators	5 ea Caterpillar SR4B @ 1200 KW
SCR / VFD / DC/DC	VFD Rig

##### Enhancements

Forklift	Caterpillar 966H
Iron Roughneck	Drillmec Drilling Technologies PCT130
Power Slips	NOV PS-16

#### Current Location: Iraq



##### Mud System

Mud Pumps	3 ea Drillmec 12T1600
Power Rating	1600
Pressure Rating	5,000 psi
Active Mud Volume	1750 bbls
Reserve Mud Volume	1,018 bbls
Shale Shakers	3 ea MI Swaco Mongoose
Mud Cleaner	1 ea MI Swaco Mongoose
Desander	MI Swaco 10" X 2 Cones
Desilter	MI Swaco 4" X 12 Cones
Centrifuge	N/A

##### Well Control

Divertier	29 1/2" 500 psi, Hydril,
Annular	13 5/8" 10,000 psi, Shafier,
Single Ram Preventer	13 5/8" 10,000 psi, Shafier, LXT
Double Ram Preventer	13 5/8" 10,000 psi, Shafier, LXT
Choke Manifold	Weir 3 1/16" 10,000 psi
BOP Closing Unit	Cad Control Systems 8 Station, 3,000 psi



### Rig 888

#### Swing Lift, Triple

##### General Description

Make	Drillmec
Year Built/Rebuilt	2012
Estimated Drilling Depth	19,600 ft
Estimated Rig Move Loads	130
Estimated Camp Move Loads	70
Rated HP	2000

##### Mast

Height	156.00 ft
Static Hook Load Capacity	1,300,000 lbs
Mast Racking Capacity	16,700

##### Substructure

Style	Parallelogram
Height	35.00 ft
Clear Height	30.00 ft
Casing Capacity	1,300,000 lbs
Maximum Setback Load (lbs)	800,000

##### Drawworks

Make	Drillmec
Model	MAS 7000 AC
Power Rating	2,000 hp
Input Power	2 ea General Electric 5GEB22A5
Brake Type - Band or Disc	Disc
Drilling Line Size	1 1/2"
Auxiliary Brake	Aker Solutions O 7200-E-SD-RJ-B

##### Top Drive / Power Swivel

Make	Tesco
Model	500 ESI 1350
Capacity	500 Ton
Torque - Continuous	72,000 ft-lb to 200 RPM

##### Swivel

No Swivel

##### Rotary Table

Make	Drillmec
Table 8 pening	37 1/4"
Maximum Load Rating	650 Ton

##### Power Generation

Engines	5 ea Caterpillar D3512B 4 1V85 hp
Generators	5 ea Caterpillar SRWB 4 1200 KO
SCR / VFD / DC/DC	VFD Rig

##### Enhancements

Forklift	Caterpillar 966H
Iron Roughneck	Drillmec Drilling Technologies PCT130
Power Slips	N8V PS-16

Current Location: Iraq



##### Mud System

Mud Pumps	3 ea Drillmec 12T1600
Power Rating	1600 4 120 SPM
Pressure Rating	5,000 psi
Active Mud Volume	1750 bbls
Reserve Mud Volume	1500 bbls
Shale Shakers	3 ea MI Swaco Mongoose
Mud Cleaner	1 ea MI Swaco Mongoose
Desander	MI Swaco 10" X 2 Cones
Desilter	MI Swaco W X 12 Cones
Centrifuge	N/A

##### Well Control

Divertier	Annular 30" 1,000 psi, N8 V,
Annular	13 5/8" 10,000 psi, Shafier, 21 1/W 2,000 psi, Shafier,
Single Ram Preventier	13 5/8" 10,000 psi, Shafier, LXT
Double Ram Preventier	13 5/8" 10,000 psi, Shafier, LXT
Choke Manifold	O eir 3 1/16" 10,000 psi
B8 P Closing @niti	Cad Control Systems 8 Stiation, 3,000 psi