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Rig 17 Inventory Summary

(Updated 08-16-08; Note - Inventory Subject to Change)

Drawworks	Cabot 750 Double Drum Drawworks, 750 HP, Lebus grooved for 1 1/8" line, Air Operated Drillers Control Console, R&H 22" Double Hydromatic Brake, Crown-O-Matic, Kobelt 5028-CM Air/Spring Applied Combination Water Cooled Disc Break
Mast	Cabot Model 112-300, 112'H 4-Leg Telescoping Double Mast, 300,000 Lbs. Static Hook Load. Hydraulically Raised, 7 Sheave Crown Block, Crown Safety Platform, Ladder, Guylines.
Substructure	15'H Telescoping Substructure, 12'H Clear Height Ground to Rotary Beams
Carrier	All Above Mounted on Franks 4-axle Trailer, w/2 Engine Compound (2) Tru-Flo 1000 Air Compressors, (1) 175 Gal. Hydraulic Reservoir, (1) 100 Gal. Air Receiver Tank, (1) 200 Gal. Air Receiver Tank, (4) Leveling Jacks, (2) – 200 gal. Fuel Tanks, (1) Parker Hydraulic Winch 12,000lbs Capacity, (1) Hydraulic Motor Driven Quincy 390 Air Compressor, Folding walkways, Stairs, Safety Rails, 295/75R22.5 Rear Tires #1 Engine – Caterpillar 3406 TA, Allison Transmission #2 Engine – Caterpillar 3406 TA, Allison Transmission
Substructure	11'W x 15'H x 40'L Telescoping Substructure 12'H Clear Height Ground to Rotary Beams, w/ Rotary Beams, V-Door Ramp, Stairs, Safety Rails, (2) 12,000Lbs. BOP Lifting Hoists w/ Trolley Beams, 10'W x 4"H x 46'L Mud Boat, 8'W x 40'L Derrick Sub w/ Stairs
Rotary Table	17 1/2" Rotary Table w/ Split Master Bushings
Blocks/Hook	150 Ton Block/Hook Combination
Swivel	150 Ton
Kelly	4-1/4" x 38' Hex
Kelly Drive Bushings	4-1/4" Hex, Square Drive Kelly Bushing
Kelly Spinner	Oil Works 1500 Kelly Spinner
Elevator Bails	250 Ton
Power Swivel	Venture Tech, Model # XK-150, 150 Ton, 12,000 Ft/Lb. Torque @ 5,000 Psi.
Power Swivel Unit	Venture Tech, p/b Caterpillar C-9 Diesel Engine

Accumulator	5 Station, 295 Gal. Tank, (12) 11 Gal. Accumulator Bottles Mounted on Water Tank Skid, w/5 Station Remote Control Mounted in Doghouse.
BOP Equipment	Hydril 11" x 5,000 psi Annular, Cameron Type "U" 11" x 5,000 psi
	11" x 5K x 24"H Drilling Spool w/ (2) 4 1/16" 5K Side Outlets
Choke	Cameron 3 1/8" x 5K, w/ (1) 5 way Block, (8) 3 1/8" x 5K Gate Valves, (1) 2 1/16" x 5K Gate Valve, (2) 3 1/8" x 5K Adjustable Chokes, (1) Buffer Chamber
Degasser	30"Dia x 12'L
Choke Line	(1) 4 1/16" x 5K Gate Valve, (1) 4 1/16" x 5K HCR Valve
Kill Line	(2) 2 1/16" x 5K Gate Valve, (1) 2 1/16" x 5K Check Valve
Mud Pump #1	National 8-P-80 Triplex Pump, 800 HP., Hydril K20-5000 Pulsation Dampener, Oteco 3" x 5,000 psi Shear Relief Valve, Teolegraph Pioneer Type D 0-6,000 PSI Pressure Gauge, Bridges Equipment Chain Drive Assembly, Master skidded w/ Caterpillar D398 Diesel Engine, Air Start, MCM 6" x 5" Centrifugal Charging Pump, MCM 3" x 2" Centrifugal Liner Wash Pump
Mud Pump #2	National 8-P-80 Triplex Pump, 800 HP., Hydril K20-5000 Pulsation Dampener, Oteco 3" x 5,000 psi Shear Relief Valve, Type D 0-6,000 PSI Pressure Gauge, Chain Drive Assembly, Master skidded w/ Caterpillar D398 Diesel Engine, Air Start, National Torque Converter M/N C-300-64, MCM 6" x 5" Centrifugal Charging Pump, Mission Pedestal 3" x 2" Centrifugal Liner Wash Pump
Mud System	Two (2) pit, 700 bbl complete with four (4) 5"x6" centrifugal mixing pumps each powered by 50 HP electric motors, five (5) agitators each powered by 10 HP electric motors.
	Two (2) Fluid Systems, Inc. High G-Force Linear Motion Shale Shakers
	One (1) Fluid Systems, Inc. Vacuum Degasser
	One (1) Fluid Systems, Inc. 3 - Cone Desander (10" Cones)
	One (1) Fluid Systems, Inc. 12 - Cone Desilter (4" Cones)
Generator / Utility House	Generator # 1 - Detroit 350 Kw AC Generator, p/b Detroit Series 60 Diesel Engine, Electric Start
	Generator # 2 - Detroit 350 Kw AC Generator, p/b Detroit Series 60 Diesel Engine, Electric Start
	75 KVA Transformer
	#1 Air Compressor - Quincy M/N QR390, p/b 20 HP Baldor Electric Motor
	#2 Air Compressor - Quincy M/N QR390, p/b 20 HP Baldor Electric Motor
	(2) Elite Series ECP80 Refrigerated Air Dryer
	(1) 120 Gal. Air Receiver
All Above Mounted in 10'W x 40'L Skidded House	
Water Tank	(1) Shop Built 10'W x 8'H x 30'L 425 Bbl. Water Tank w/ 20' Covered Porch
	(1) Double Life 3" x 4" x 13" Centrifugal Water Pump p/b 30 HP Electric Motor
	(1) Double Life 3" x 4" x 13" Centrifugal Water Pump, p/b 30 HP Electric Motor
Fuel Tank	12,000 Gal. Fuel Tank w/ 8'W x 12'L Pump House, w/ O'Drill Fuel Filter & (2) Roper 2AM12 Fuel Pumps p/b Baldor 5 HP Electric Motors, 4 Compartment Lubister, Shelving
Dog House	8'W x 20'L Dog House w/ (3) Lockers, Knowledge Box, Bench Storage, Lights,

	Heater
Change / Parts House	10'W x 40'L Skid w/ 20'L Parts House w/ shelving, w/ 17'L Change House w/ (20) Lockers, Bench, Lights, Heater, Table
Instrumentation	Atlis Instrumentation Type FS, 300,000 Lb. Weight Indicator, w/ Pump Pressure Gauge and (2) Tong Line Pull Gauges, Rotary Torque Gauge
	Atlis Instrumentation Automatic Driller
	3-Pin Drilling Recorder
	(1) Five Star Wireline Retriever w/ 15,000' of .092 wire
Handling Tools	(1 set) Type B Rotary Tongs w/ 3 1/2" - 5", 5" - 6 3/4", 6 5/8" - 9" Jaws
	(1 set) Type C Rotary Tongs w/ 3 1/2" - 5", 5 1/4" - 7" Jaws
	(1) 4" Woolley 225 Ton Drill Pipe Elevators
	(1) 4" Woolley Drill Pipe Slips
	(1) Type A 5 1/2" to 7" DC Slips
	(1) Type A 6 3/4" to 8 1/4" DC Slips
	(1) 6 1/4" DC Safety Clamp
	(1) 8" DC Safety Clamp
	(1) Pipe Spinner, Air Operated
Drill Pipe and Drill Collars	TBD
Ancillary Equipment	(1) 5'W x 18"H x 50'L Catwalk 2 Pieces
	(4 set) 18"H x 30'L Pipe Racks
	(1) 3 1/3" x 55'L Rotary Hose
	(3) MDL 800 Bug Blowers 24", 36", 48"
	(1) 8' x 20' Parts Container w/ Shelving, Lighting
	(1) Ingersoll-Rand 10,000 Lb. Man-Rider Winch M/N FA5AMR-24MK1G
	(1) 8'W x 4'H x 20'L Junk Box
	(1) Mud Bucket
	(1) 75 KVA Camp Transformer