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Rig 8 Inventory Summary

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

Drawworks:	1981 Challenger Model 360 Double Drum Drilling Unit, Trailer Mounted w/ Mod.224 Double Drum Drawworks, Lebus Grooved for 7/8" line, Air operated controls, Parmac 122 22" Hydromatic Brake
Mast:	Free Standing Challenger Model 200-84, 84'H 4-Leg Mast 200,000# API Hook Load, Hydraulically Raised, (5) 36" Sheave Crown Block, POSI Stop Block Controller, Crown Safety Platform, Ladder, Guyline, Atlas Deadline Anchor, Guide Tracks w/ Hydraulic Shift Cap
Carrier:	All Above Mounted on Challenger Tri-Axle Trailer, w/ Caterpillar 3408 Diesel Engine, Electric Start, w/ Allison CLBT-5860 Transmission, (1) – Braden Air Hoist, (1) Quincy Air Compressor, Model 325, (4) Leveling Jacks, (2)–
Substructure:	Challenger Back on ramp type substructure, 10' Floor Height w/ 8' from Rotary Beams to Ground Level, w/ Rotary Beams, V-Door Ramp, Stairs, Safety Rails, 10'5"W x 32'L Mud Boat
Rotary Table:	20.5" Emsco w/ Split Master Bushings
Blocks/Hook:	Gardner Denver 100 Ton Block w/ Web Wilson 100 Ton Hook
Swivel:	Gardner Denver 125 Ton
Power Swivel:	Venture-Tech 150 Ton, Max Torque 12,000 FT-LBS @ 5,000 Psi., 160 Max. RPM
Swivel Power Unit:	Caterpillar 3408, 365 HP, Electric Start, Danfros Hydraulic Pump, Hydraulic Tank, Diesel Day Tank Mounted on 6'W x 18'L Skid.
Elevator Bails	2 7/8"Dia. x 96"L
Accumulator:	Koomey 4-Station Closing Unit w/ (1) 80 Gal. Spherical Accumulator Bottle, (1) Tri-plex Pump, (1) Air Pump, 2 Station Remote Control Panel Mounted on Carrier.
BOPs:	Shaffer 11" 5K Annular Cameron Type U 11" 5K Double Ram Preventer 11" x 3K x 24"T Drilling Spool w/ (2) 4 1/16" 5K Flanged Outlets Choke Line - (2) 3 1/16" x 5K Gate Valves

	Kill Line - (1) 2 1/16" x 3K Gate Valve, (1) 2 1/16" x 3K Check Valve
	Cameron 5K Choke Manifold, w/ (1) 4-way Cross, (5) 3 1/16" x 5K Gate Valves, (1) 2 1/16" x 5K Gate Valve, (2) 2 1/16" x 5K Adjustable Chokes, Split Buffer Chamber, Type F 3,000 Psi Pressure Gauge S/N 12843
Rotating Head:	Washington 11" 5M Flange
Mud Pump #1	Gardner Denver PZ-7, 550 HP Triplex Pump, 550 HP, Hydrill K20-5000 Pulsation Dampener, Oteco 3" x 5,000 psi Shear Relief Valve, 6,000 PSI Pressure Gauge, Chain Drive Assembly, Master skidded w/ Caterpillar D398 Diesel Engine, Air Start, Mission Centrifugal Charging Pump, Mission 1" x 2" Centrifugal Liner Wash Pump p/b 5 HP Electric Motor (located in Farmington, NM)
Mud Pump #2	PUMP IDECO 550, ENGINE 12VA-70375
Mud System:	(1) 8'W x 5'H x 14'L Premix Tank, w/ 15' Porch, (1) Compartment, Top Mounted Walkways, Safety Railing, Skidded.
	(1) Harrisburg 5" x 6" Centrifugal Pump S/N 16454, p/b Detroit 4-71 , Electric Start
	(1) 7'8"W x 5'H x 38'L, 245 Bbl. Tank, w/ 4' Porch, (2) Compartments, Flat Bottom, Internal Plumbing, Top Mounted Walkways, Safety Railing, Skidded.
	(1) 7'8"W x 5'H x 38'L, 245 Bbl. Tank, w/ 4' Porch, (3) Compartments, Flat Bottom, Internal Plumbing, Mud Trough, Top Mounted Walkways, Safety Railing, Skidded.
	(1) Mission Magnum 5" x 6" Centrifugal Pump, p/b 50 HP Electric Motor
	(1) Mission Magnum 4" x 5" Centrifugal Pump p/b 20 HP Electric Motor
	(1) Brandt 4 x 5 Single Screen Shale Shaker
	(1) Demco Desander w/ (1) 12" Cone
Generator / Utility House:	# 1 Generator - Caterpillar AC Generator M/N SR4, p/b Cat 3406 Diesel Engine Electric Start
	# 2 Generator - Caterpillar AC Generator M/N SR4, p/b Cat 3306 Diesel Engine, Air Start
	Square D Control Panels
	Air Compressor - Quincy M/N 325, p/b 10 HP Electric Motor
	Change Room w/ (12) Lockers, Storage Cabinets, Lights, Heater
	All Above Mounted in 8'W x 40'L Skidded House
Dog House:	8'W x 16'L w/ Round Top, Knowledge Box, Bench Storage, Tool Cabinet, Lights, Heater, Skidded
Water Tank:	8'W x 8'H x 38'L, 400 Bbl. Water Tank, w/ Demco 1 1/2" x 2" Centrifugal Pump p/b 5 HP Electric Motor, Skidded
Fuel Tank/ Change House:	8'W x 8'H x 12'L, 5,535 Gal. Fuel Tank / 8'W x 12'L Change House w/ (6) Lockers, Bench Storage, Lights, Heater, Mounted on 40'L Tri-axle Trailer w/ 10.00x20 Tires.
Instrumentation:	Martin Decker "Clipper" 345,000 Lb. Weight Indicator
	Satalite Automatic Driller

	Martin Decker 2-Pin Drilling Recorder
Wireline Machine:	Mathey M/N 151LM,
Handling Tools:	BJ Type B Rotary Tongs
Ancillary Equipment:	6'7"W x 30"H x 32'L Catwalk
	(2 set) 30"H x 28'L Pipe Racks
	(2 set) 42"H x 28'L Pipe Racks
	(1) - 3" x 60'L Rotary Hose
	(2) - 3 1/2"ID x 18'L Vibrator Hoses
	8'W x 30"H x 18'L Junk Box
	Rathole & Mousehole
Drilling Line Spool and Stand	