



RIG 308 1200 m/4,000 ft

Savanna Drilling

RIG

Warrior Single 60 ft/18 m Mast
 Static Hook Load: 110,000 lbs/48 000daN (6 lines)
 Warrior Trailer Mounted Substructure
 Caterpillar C9 Floor Motor (400 hp/298 kW)
 4-1/2" Kelly with Upper and Lower Kelly Cock
 18" Gardner Denver Rotary Table
 120,000 lbs/52 500 daN 6 line Tripping Blocks
 with Haglunds Drawworks 3/4" Line
 120,000 lbs/52 500 daN 6 line Kelly Blocks
 with Haglunds Drawworks 3/4" line
 Sandline Core Retrieval Winch/Survey Winch

DOGHOUSE

Height: 13' 3"/4.04 m (Ground to Top of Building)
 Tri Axle Step Deck Trailer
 Core Bench

Water Tank Volume: 882 ft³/25 m³/157 bbl
 Storage on Trailer Gooseneck

COMBINATION BUILDING

Height: 13'/3.97 m (Ground to Top of Building)
 Tri Axle Step Deck Trailer
 Cummins Generator Engine 6CTA8
 175 kW Newage Generator (480 v/208 v)
 40 Gallon 4 Station Accumulator
 Storage on Trailer Gooseneck

CATWALK

Height: 9' 2"/2.8m (Ground to Top of Building)
 Tri Axle Step Deck Trailer
 Storage on Trailer Gooseneck

MUD TANKS

Height: 9' 10"/3.0 m
 Trip Tank Volume: 105 ft³/2.97 m³/19 bbl
 Suction Tank Volume: 175 ft³/4.95 m³/31 bbl
 Settling #1 Tank Volume: 253 ft³/7.18 m³/45 bbl
 Settling #2 Tank Volume: 253 ft³/7.18 m³/45 bbl
 Shaker Tank Volume: 333 ft³/9.43 m³/59 bbl
 Total Volume: 1119 ft³/31.71 m³/200 bbl
 Mix Pump and Hopper
 Swaco Mongoose Shaker
 3 x 2 Manifold 3000 psi

Pressure Washer

MUD PUMP (Triplex)

Height: 9' 6"/2.9 m
 Sinocan CSF 500 Triplex Mud Pump
 Caterpillar C15 Engine (600 hp/448 kW)
 with Pac Rim Gear Box
 150 psi Air Compressor
 Day Tank

FLARE TANK

282 ft³/8 m³/50 bbl Tank
 Storage on Front and Back of Trailer

WELL CONTROL

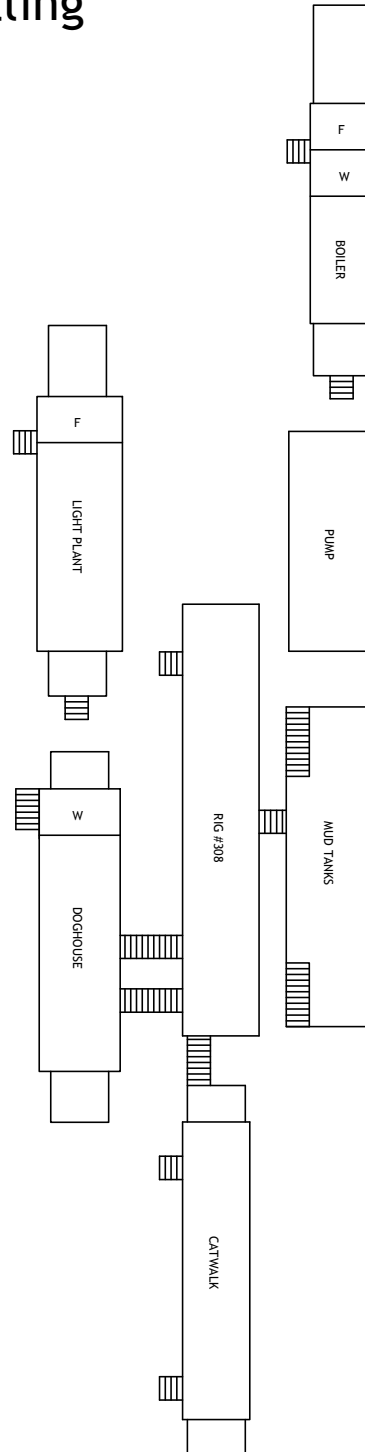
BOP's 177.8 mm 7" x 21,000 kPa (3000 psi) Class 3

WINTERIZATION

Williams & Davis Boiler (60 hp)
 Fuel Tank Volume: 225 ft³/6.37 m³/40 bbl
 Water Tank Volume: 512 ft³/14.5 m³/91 bbl
 Storage on Trailer Gooseneck

TUBULARS

1200 m x 3 1/2" IF Drill Pipe
 4 3/4" DC x 8
 5 1/4" DC x 2
 4 1/2" IF x 500 m Core Pipe



AFE # _____

REV#	DATE	DESCRIPTION	REV'D BY	CHK'D BY	AUTH'D BY
02/14/11		UPDATED TITLEBLOCK	CAA		

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SCALE:	TITLE: Rig Layout (1200 m/4000 ft)			
1" = 1'-0"	DRAWN BY: EPB	CHK'D BY:	AUTH'D BY:	
TITLEBLOCK:	CLIENT: DRILLING	RIG: 308	DATE: 03/31/09	
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