

SV101L655LO

DRAWWORKS

ARS-1202 AC 1200 hp
Capacity: 56,600 lbs/25 000 daN Single Line Pull
Svenborg Disc Brakes 3000 Series (E-brake)
Input: Amerimex Traction Motor (1350 hp/1000 kW)
MAST
Oil Country Ultra Heavy Telescoping Double
Clear Height: 105 ft/32 m Drill Line: 1 1/8"/28.6 mm
Static Hook Load: 422,400 lbs/188 000 daN (8 lines)
440,000 lbs/196 000 daN (10 lines)

SUBSTRUCTURE

Oil Country Two Piece Step
Setback Capacity: 350,000 lbs/156 000 daN
Casing Capacity: 400,000 lbs/178 000 daN
Floor Height: 16'/4.27 m: 12' Step Down with 4' Pony Sub

MUD PUMP #1 (TRIPLEX)

BPMMP-HHF-1600 (1600 hp/1194 kW)
Stroke: 10"/254 mm
Liners Supplied: 7"/152 mm
Input: Amerimex Traction Motor (1750 hp/1306 kW)

MUD PUMP #2 (TRIPLEX)

BPMMP-HHF-1600 (1600 hp/1194 kW)
Stroke: 10"/254 mm
Liners Supplied: 7"/152 mm
Input: Amerimex Traction Motor (1750 hp/1306 kW)

MUD TANKS (3)

Total Volume: 5,059 ft³/143 m³/901 bbl
Tank 1: 1634 ft³/46 m³/291 bbl
Tank 2: 2010 ft³/57 m³/358 bbl
Tank 3: 1415 ft³/40 m³/252 bbl
Total Useable Volume: 3,245 ft³/92 m³/578 bbl each
Pill Tank Volume: 573 ft³/16 m³/102 bbl (Tank 1) 3' Layers
(3) Brandt NOV LCM-3D
(2) 5 x 6 x 11 Mixing Pumps and (1) 5 x 6 x 13 Mixing Pump
36" Degasser and Lines

LIGHT PLANTS

Electrical Power Distribution: Dual AC
Diesel Generator with 110-208-600 volts
#1 Input: CAT 3512 (1476 hp)
with Kato Generator (1250 kW)
#2 Input: CAT 3512 (1476 hp)
with Kato Generator (1250 kW)
#3 Input: CAT C-18 (610 hp)
with Stamford Generator (528 kW)
3 x 4 Gen/VFD line up c/w Drillers cabin

WELL CONTROL

BOPs 11"/279.4 mm x 5,000 psi/35 000 kPa NACE
Annular-Blind-HCR-Pipe-Rotating Spool
Spools: (1) 11" x 9" x 5,000 psi (1) 11" x 5,000 psi x 11" x 5,000 psi
Accumulator: T3 Oilco 150 gallon 6 station with Electric PLC Control
3 1/8" 5,000 psi/35 000 kPa Double Gut Manifold
w/(2) Willis 3 1/8" 5,000 psi/35 000 kPa Chokes

HOISTING AND ROTATING EQUIPMENT

Hi Quality Block & Hook Capacity: 300 ton/267 000 daN
27 1/2" Rotary Table c/w Hydraulic Motor
Can Rig 6027 AC 275 ton Top Drive Capacity: 30,000 ft/lbs Torque

WINTERIZATION

2 Pass Saskatoon Boiler (125 hp) with Steam Lines
Prefabs Rig Shelter

TUBULARS

Rig carries sufficient tubular inventory of drill collars
and drill pipe to drill 75% of depth

SPECIAL EQUIPMENT

Hydraulic Pipe Tub (1) Stand Pipe Tubs (6)
Hydraulic Catwalk with Skate for all tubulars
Ability to displace with water tank and mud pump
16" Conductor with Air Union
2' Pony Sub with walking capability
Manifold and all lines NACE trim
Pipe Spinner and Kelly Spinner
Doghouse has a 3 foot slide out
Rig Manager Wellsite Trailer
Loader available at extra cost (not included in rig loads)

MISCELLANEOUS

Fuel Tank Capacity: 4,750 gal/18 000 L
Water Tank Capacity: 24,800 gal/94 000 L
Summer Loads: 27 (with 6 pipe tubs & all DP) Winter Loads: 28

MOVING SYSTEM:

Center piece on Hillman Rollers
Cable carrier (Festoon) - 75 foot stretch

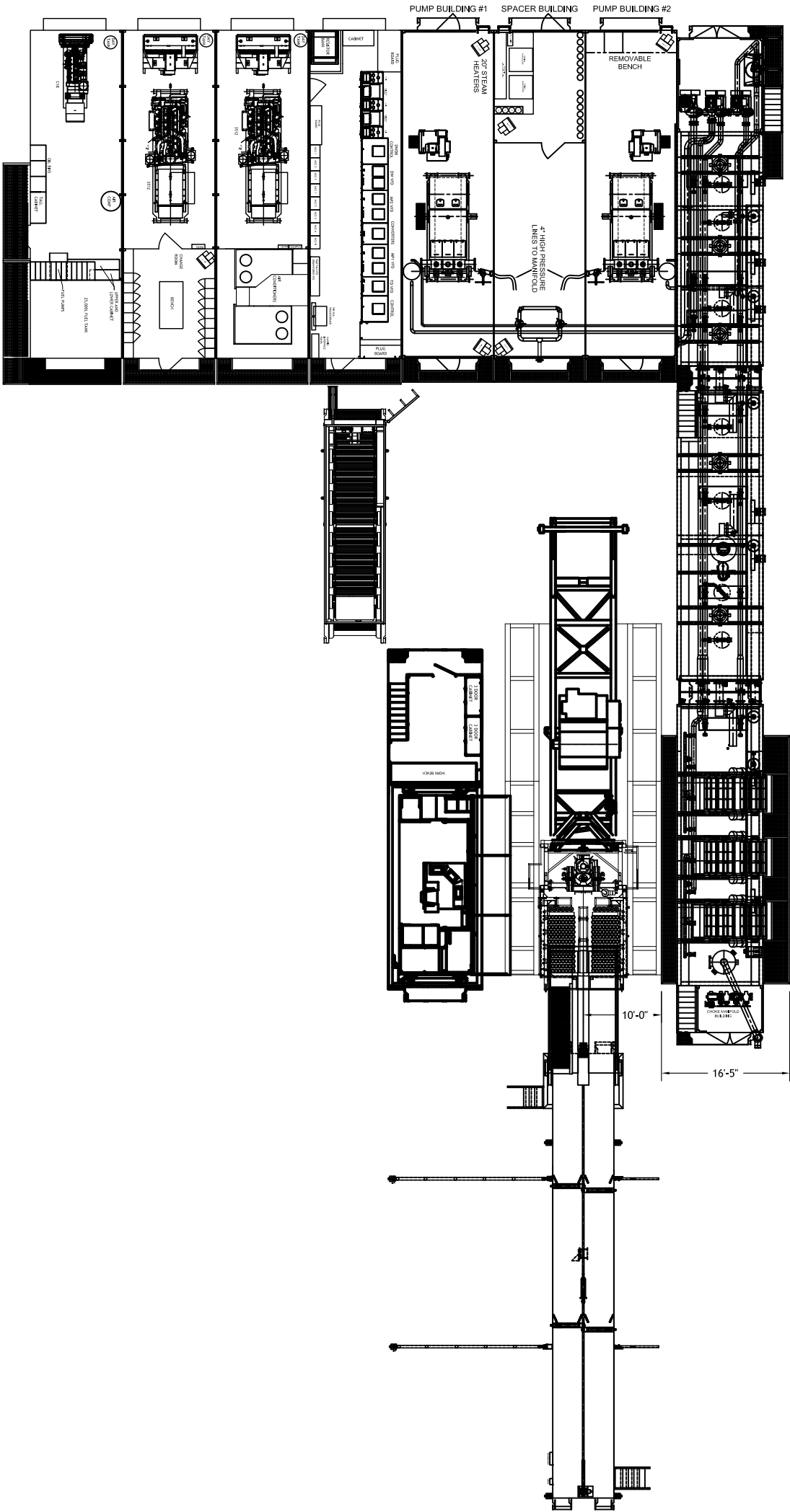
TYPICAL LEASE

66 m x 86.8 m / 218 ft x 285 ft



Savanna Drilling

RIG 655E
4000 m/13,000 ft



AFE # _____

	01/22/13	UPDATED SPECS	BS		
	03/02/12	UPDATED LAYOUTS & NOTES	BS		
REV#	DATE	DESCRIPTION	REV'D BY	CHK'D BY	AUTH'D BY
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SCALE:	TITLE:			
1/8"=1'-0"	Preliminary Rig Layout (4000 m/13,000 ft)			
TITLEBLOCK:	DRAWN BY:	BS	CHK'D BY:	AUTH'D BY:
	CLIENT:	DRILLING	RIG:	655E
	DWG #:	SV101L655LO	DATE:	03/02/12
T96			REV #	3