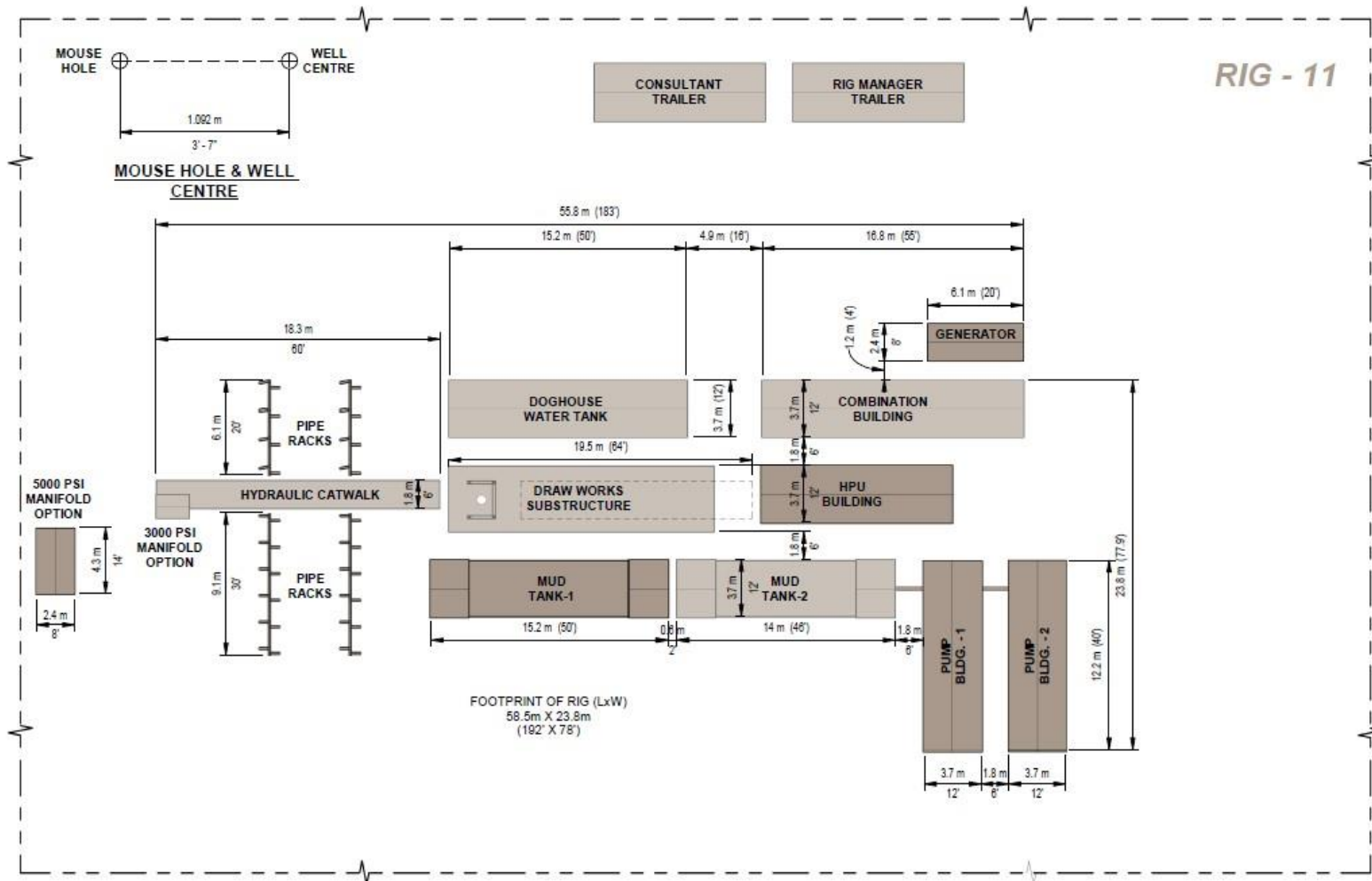




## RIG LAYOUT

# RIG ELEVEN

Depth capacity: TVD 5000m

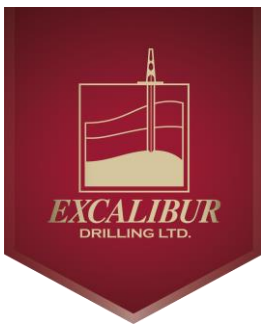


HEAD

P.O. BOX 2189, 490 Canal St., Brooks, AB T1R 1C8  
 P 403-793-2092 F 403-793-2094 TF 1-888-869-5324

700, 435 - 4th Ave SW, Calgary AB T2P 3A8  
 P 403-269-2041 F 403-269-2652

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## RIG INVENTORY & SPECIFICATIONS

# RIG ELEVEN 19 LOADS (WITHOUT BOILER)

Depth capacity: TVD 5000m  
Circulating System: 7500 PSI

MAST
MAKE/TYPE <b>R.A. Hodgson / MT106-9.5-500G Telescoping Double Free Standing</b>
CLEAR HEIGHT <b>33.30m (106')</b>
CAPACITY Static Hook Load: 223,400 daN (500,000lbf) w/10 lines Setback Capacity: 177,920 daN - 5,700m (300 stands of DS40 SS105 (4.5")) Wind Capacity: 135 km/h (84 m/h) w/ Full Setback & No Hook Load

SUBSTRUCTURE
MAKE/MODEL <b>R.A. Hodgson / STS14.75 -14.2-500 Stepdown on 18" Pontoons</b>
DIMENSIONS (L X W X H) <b>14.33 m x 4.30 m x 4.80 m (47' x 14.13' x 15.75')</b>
TABLE BUSHINGS/ROTARY TABLE BEAM TO GROUND <b>5.30 m (17.39') / 4.20 m (13.78')</b>
CASING CAPACITY 200,160 daN (450,000 lbf) w/ 177,920 daN (400,000 lbf) Simultaneous Setback

DRAWWORKS
MAKE/MODEL <b>Tri Service Machining / 850</b>
BRAKE <b>Eaton 324mm Disc</b>
POWER <b>Caterpillar, C18, Input Power 600 kW (800 hp)</b>
TRANSMISSION <b>Allison, S6620H</b>
ROTARY TABLE MAKE/SIZE <b>National / 20.5" (520.7 mm)</b>

#### HEAD OFFICE & OPERATIONS

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#### CONTRACTS OFFICE

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OVERHEAD
TRAVELLING BLOCK/HOOK <b>Artic 250T (225,000 daN)</b>
TOP DRIVE Tesco HXI 700 250T (225,000 daN) Input Power - 700hp Maximum continuous Torque - 24,000 ft/lb Make up/ Break out Torque - 32,000 ft/lb Maximum Speed - 200 rpm

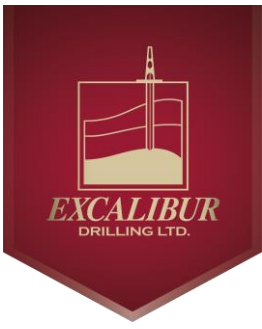
PUMP ONE
MAKE/MODEL <b>Emsco 1600 Triplex</b>

PUMP TWO
MAKE/MODEL <b>JJ - F1300 Triplex</b>

MUD SYSTEM
SHAKER <b>2 - Derrick FLC503 Shakers</b>
CAPACITY Single Tank (Three Compartments - Total 80 m3) Shaker 30 m3 (7,925 gal), Settling 30 m3 (7,925gal) Suction 20 m3 (5,280 gal), Total 80 m3 (21,134 gal)

WELL CONTROL
<b>279mm (11") Schaffer BOP - 34,000kpa</b> Annular, Double Gate, Working Spool and Single Gate <b>6 Station 529L Accumulator</b> *Note: Other Configurations Available Upon Request*

TUBULARS
DRILL COLLARS <b>8 x 158mm (6.5")</b> Slip Recessed & Hardbanded
HEVI-WEIGHT <b>60 x 114mm (4.5") DS40 Connection</b>
DRILL PIPE <b>419 x 114mm (4.5") SS105 DS40 Connection</b> *Note: Other Pipe Available Upon Request*



## LOAD SUMMARY

# RIG ELEVEN 19 LOADS (WITHOUT BOILER)

Depth capacity: TVD 5000m

## LOAD SUMMARY

LOAD DESCRIPTION	WEIGHT		DIMENSIONS (L X W X H)	
	KG	LBS	METRES	FEET
MAST/DRAWWORKS	65,100	143,300	12.20 x 2.40 x 3.66	40 x 8 x 12
SUBSTRUCTURE (W/O BOPS)	45,800	100,800	18.30 x 3.66 x 4.88	60 x 12 x 16
MUD PUMP 1 (F1600)	48,000	85,800	12.20 x 3.80 x 3.05	40 x 12.5 x 10
MUD PUMP 2 (F1300)	39,000	105,600	12.20 x 3.80 x 3.05	40 x 12.5 x 10
MUD TANK	41,100	90,500	18.30 x 3.66 x 3.05	60 x 12 x 10
COMBINATION BUILDING	33,600	74,000	15.24 x 3.66 x 2.75	50 x 12 x 9
DOGHOUSE/WATER TANK	29,800	65,600	15.24 x 3.66 x 3.66	50 x 12 x 12
RIG MANAGER SHACK	16,100	35,495	12.20 x 3.66 x 3.05	50 x 12 x 10
CONTAINER BUILDING	9,000	19,845	12.20 x 3.05 x 2.44	40 x 10 x 8
HYDRAULIC CATWALK	19,500	42,900	18.30 x 3.05 x 3.75	60 x 10 x 12.3
DRILL COLLARS/RACKS	variable	variable	variable	variable
HWDP/PIPE TUBS (5)	variable	variable	10.67 x 2.30 x 1.07	35 x 7.50 x 3.50
MATTING (20)	variable	variable	2.40 x 12.20	8 x 40
TOP DRIVE HPU	27,300	60,000	12.20 x 3.66 x 3.05	40 x 12 x 10
BOILER	18,500	40,875	12.20 x 3.05 x 3.05	40 x 10 x 10

