

**RIG # 31****NOV. EMSCO C2 SCR****MAST**

Type:	NOV. Drecto Cantilever
Height:	142 ft
G.N.C.:	1,200,000 lbs
Max. hookload:	900,000 lbs (12 lines)

TOP DRIVE

Type:	Tesco ECI 900 AC Electric
Rating:	900 HP
Torque:	37,600 ft lbs

POWER GENERATION

Gen type:	Baylor UT-200 (x4)
Gen rating:	1,225 kW (x4)
Engine type:	Detroit 12V4000 (x4)
HP rating:	1,482 HP (x4)

SCR

Type:	NOV. Tech Power SCR 4 x 5 bay with PLC
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BOP'S

Diverter:	1 - Hydril 21.1/4" 2,000 psi
Annular:	1 - Hydril 13.5/8" 5,000 psi
BOP's	1 - Cameron "U" Double Ram 13.5/8" 10,000 1 - Cameron "U" Single Ram 13.5/8" 10,000

GENERAL PARTICULARS

Depth rating:	20,000 ft (5" DP)
Horsepower:	2,000 HP
Max. Hookload:	900,000 lbs
Year of construction/total refurbishment:	2007
Total no. of loads:	75

DRAWWORKS

Type:	NOV. EMSCO C2
HP rating:	2,000 HP
Drilling line:	1.1/2"
Auxiliary brake:	Eaton 436 WCBD
Drive type:	GE752 (x2)
HP rating:	1000 HP (x2)
Single line pull:	110,000 lbs

SUBSTRUCTURE

Type:	NOV. Drecto Slingshot – Self Elevating
Height:	30"
Casing load:	900,000 lbs
Setback load:	500,000 lbs

ROTARY TABLE

Type:	NOV. Oilwell B 37.1/2
Table opening:	37.1/2"
Drive:	Independent DC

MUD PUMPS

Type:	NOV. EMSCO F-1600 (x3)
HP rating:	1,600 HP
Drive:	GE752 (x2)
Pressure rating:	5,000 psi

MUD SYSTEM

Active system capacity:	1695 bbls
Reserve system capacity:	640 bbls
Shale shakers:	Brandt King Cobra (x3)

DRILL STRING

5" G-105 Range 2
9 1/2" – 8" – 6 1/2" & 4 3/4"
Collars and Hevi Wate

SPECIAL FEATURES

2008 fuel efficient engines
NOV. Iron Roughneck
NOV/MD Totco RigSense