



RIG # 31

NOV. EMSCO C2 SCR



MAST

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

TOP DRIVE

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

POWER GENERATION

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

SCR

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

BOP'S

1 - Hydril 21.1/4"
Diverter: 2,000 psi

1 - Hydril 13.5/8"
Annular: 5,000 psi

1 - Cameron "U"
BOP's 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

NOV. EMSCO
Type: 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

NOV. Drecto
Type: Slingshot – Self Elevating
Height: 30"
Casing load: 800,000 lbs
Setback load: 450,000 lbs

ROTARY TABLE

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

MUD PUMPS

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

MUD SYSTEM

1695 bbls
Active system capacity:
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