

GENERAL INVENTORY
TECHNICOIL CORPORATION – RIG NO. 2115

EFFECTIVE DATE: **May 4, 2007**

GENERAL SPECIFICATIONS

Depth Rating	1800 m	2 7/8" coiled tubing
	1500 m	3 1/2" coiled tubing
KB to ground	3.65 m	
Bottom of table beam to ground	3.00 m	
Approximate Loads	Rig	9 summer 10 winter

EQUIPMENT

1.	DRAWWORKS	Make	Timberline	Input	400 hp
		Auxiliary Brake Make	Cobalt Disc		
2.	RIG POWER & DISTRIBUTION	Description	Detroit Deisel Series 60		
		Max. Continuous Power	400 hp @ 2100 RPM		
		Maximum Power	400 hp		
3.	MAST	Make	Foremost	Height	22.4 m (73.5')
		Maximum Hook Load	62,280 (140,000#)	daN w/	4 lines
		Certified?	Yes API-F4-8C	Date	May 2002
4.	SUBSTRUCTURE	Dimensions - Length	21.2 m (69'6")	Floor	4.6 m x 3.6 mm
		- Width	3.8 m (12'6")		
		- Height	4.1 m (13'6")		
5.	CROWN BLOCK	Make	Foremost		
		Maximum Load	62,280 daN (140,000#)	w/	4 lines
		Certified?	yes	Date	March 29 2004
6.	TRAVELLING BLOCK / SWITCH / HOOK	Make	McKissick Series 80 w/ duplex swivel hook		
		Maximum Load	44,480 daN (100,000#) w/ 4 lines		
		Certified?	yes	Date	April 1, 2002
7.	DRILLING LINE	Size	22.22 mm (7/8")		
8.	ROTARY TABLE	Opening Size	35.24 cm (13 7/8")		
		Maximum Load	44,400 daN (100,000#)		

9. MUD SYSTEM	Shale Shaker	MI Swaco Linear Motin Mongoose PT
	Mud Tank	Active Volume 57 m ³
	Trip Tank	Active Volume 2 m ³
	Shaker Tank	Active Volume 20 m ³ usable
	Settling Tank	Active Volume 16 m ³ usable
	Suction Tank	Active Volume 16 m ³ usable
	Centrifugal Pumps	2 Halco Supreme 2500 50 HP each
	Pill Tank	Active Volume 3 m ³ usable
10. MUD PUMP	Make	JBI JF 800
	Powered By	Detroit 60 700 HP
	Maximum SPM	150 (intermittent) 130 continuous
	Maximum Output	1.65 m ³ / minute (intermittent) 1.44 m ³ continuous with 6" liner
11. LIGHT PLANT (main)	Make	Detroit Diesel Model Series 60
	Maximum Power	350 KW (475 hp @ 1800 RPM) (490 hp maximum)
LIGHT PLANT (backup)	Make	John Deere Model 6059T
		142KW (190 HP) @ 1800 RPM
12. INJECTOR	Make	Stewart & Stevenson Model M1100S
	Maximum Capacity	48,930 daN (110,000#)
	Snubbing Capacity	17,800 daN (60,000#)
	Maximum Speed	30.5 m/ min. (100' / min.)
	Max. Tubing Size	89 mm (3 1/2")
13. TOP DRIVE	Make	Foremost Model 240 Hydraulic
	Maximum RPM	140 Max. 10,000 ft. lbs. Torque
	Maximum Load	88,960 dan (200,000#)
14. COMPRESSOR	Make	Sullair Compressors
	Output	405 scf @ 250 psi
	Powered By:	200 HP Electric
15. DEGASSER	Make	Poorboy
	Size	274 mm
	Inlet	101 mm (4")
	Outlet	203 mm (8")

16. BLOW-OUT PREVENTERS	Make	Townsend 90 Annular	Townsend P.R	Townsend BR
	Size	179.mm	179 mm	179 mm
	Max. Pres.	21,000KPa	21,000KPa	21,000 KPa
	Certified	October 2005	November 2004	November 2004
17. MANIFOLD	Make	Hi – Cal HCR Ball Valve		
	Size	79mm		
	Max. Pres.	21,000KPa		
	Certified	November 2004		
18. WATER TANK	Capacity	37 m ³		
19. FUEL TANKS	Capacity	15,000 l.		