

**GENERAL INVENTORY**  
**TECHNICOIL CORPORATION – RIG NO. 2114**

EFFECTIVE DATE: **March 26, 2008**

**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	8 summer 9 winter	

**EQUIPMENT**

1.	DRAWWORKS	Make	Timberline	Input	400 hp
		Auxiliary Brake Make	Cobalt Disc		
2.	RIG POWER & DISTRIBUTION	Description	Cummins QSM 11		
		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 Motion Mongoose PT
	Mud Tank	Active Volume 40 m <sup>3</sup>
	Trip Tank	4 m <sup>3</sup>
	Shaker Tank	23 m <sup>3</sup> usable
	Settling Tank	9 m <sup>3</sup> usable
	Suction Tank	8 m <sup>3</sup> usable
	Centrifugal Pumps	2 Halco Supreme 2500 50 HP each
10. MUD PUMP	Make	Omega D750L
	Powered By	Caterpillar 3412D 750 HP
	Maximum SPM	140 (intermittent) 120 continuous
	Maximum Output	1.5 m <sup>3</sup> / minute (intermittent) 1.3 m <sup>3</sup> 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. Torque 10,000 ft. lbs.
	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	August 2 2005	July 26 2004	July 26 2004
17. MANIFOLD	Make	Hi – Cal HCR Ball Valve		
	Size	79mm		
	Max. Pres.	21,000KPa		
	Certified	March 19 2005		
18. WATER TANK	Capacity	37 m <sup>3</sup>		
19. FUEL TANKS	Capacity	15,000 l.		